

# HOUSE & GARDEN

★ A CONDE NAST PUBLICATION

*Double Number*  
IN TWO SECTIONS

In this Section:  
**Prize-Winning  
Houses**

In attached Section:  
**The Gardener's  
Yearbook**



*January 1941*

Price 35 cents

40 CENTS IN CANADA

Porch of Prize-Winning House. See page 26



"HAWAII... A WORLD OF HAPPINESS....

... IN AN OCEAN OF PEACE."

# Hawaii

## U. S. A.

Hawaii is neither tangible nor intangible. It's both. Climate, flowers, surfing, all these *tangibles* are only *part* of Hawaii. But, look on an Island pageant, at a youthful bronze god in a brilliant-hued feather cloak. Stand before an ancient throne in an American legislative hall where American laws are enacted. Now, describe the sentiment that tugs at your heart, if you can. You can't? Of course not. You can't pin a definition on a sentiment.

But you *can* pin a definition on the peace of Hawaii. It is a *tangible*, universally desired, even though almost universally discarded elsewhere. It explains in one word the overwhelming trend to Hawaii. Here life is lived as it was meant to be lived, happily, close to flowers and warm surf.

As it is on the Island of Oahu (where Honolulu is located), so it is on the three other islands of the group... Hawaii, Maui, Kauai... all comprising Hawaii's four-star attraction... more *tangibles* and *intangibles* to weave seduction about your heart, at the end of a sunny sail or flight to their enchanting shores.

You can almost hear the liquid notes of a steel guitar as you look through the profusely illustrated literature at the office of your Travel Agent... and as he lists the delightful details, you will be able to realize the real pleasures of a crossing on world-famous ships, Hawaii bound, *over peaceful seas*.



This advertisement is sponsored by Hawaii Tourist Bureau, Honolulu, Hawaii, U.S.A. Branches: 215 Market Street, San Francisco; 714 W. Olympic Boulevard, Los Angeles, California. A non-profit organization maintained for your service by

THE PEOPLE OF HAWAII



Fairchild



In **HOUSE & GARDEN'S** February Double Number:

# 45 NEW HOUSES and PLANS

**Plus: AMERICAN TRENDS IN DECORATION . . .**

**"HOW-TO-DO-IT" HANDBOOK . . . NEW GARDEN PLANS**

ONCE again, in a special separately-bound section, House & Garden brings you its annual collection of new houses, selected from real estate developments across the country. This year, it's bigger and better than ever, containing 45 distinguished homes, representative of the new building going on in every section of America.

In House & Garden, you'll see photographs of each house . . . faithful reproductions of the architects' plans . . . important construction data . . . and estimated building costs. The houses are in many different styles and many different sizes—every type of material from white-washed brick to glass brick—but each one is notable for its good design, its new comfort and convenience. Each is an example of the great value which your building dollar can purchase today.

To those who plan to build or buy a home, this collection of houses is a "must". To all home lovers, it is an exciting panorama of American home-building, 1941.

## AMERICAN TRENDS IN DECORATION

This year, the news in decoration is definitely American. Decorative trends look homeward to the fine craftsmanship and design of the 18th and early 19th Centuries.

In order to give you an authentic picture of this period in America, House & Garden's February Double Number takes you to two outstanding sources. To the Cooper Union, in New York City,

for examples of fabrics and woven design. And to Greenfield Village and the Edison Institute, at Dearborn, Michigan, where Henry Ford has gathered the country's greatest collection of Americana. Here, you'll see the best examples of American period furniture, glassware, pottery . . . and the shops in which American workmen fashioned them.

Then, to make the picture complete, House & Garden shows you admirable reproductions of the originals, which present-day industry makes available to everyone—stirring proof that the American heritage of sound craftsmanship and good design has not faltered.

## "HOW-TO-DO-IT" HANDBOOK

Here's a brand new House & Garden feature—first in a series of practical manuals for people who want to "do it themselves"! Here, you can learn how to cut and sew your own slip-covers . . . how to design an extension for your house . . . how to have a blooming garden all summer long. This new department is your handbook for putting House & Garden's ideas into actual execution.

## NEW GARDEN PLANS

Gardening, too, has its large share in February House & Garden. Among the garden features in this issue are a news-worthy article on growing orchids from seed . . . and fresh ideas for the perennial, and always delightful, rock garden.

# HOUSE & GARDEN

**FEBRUARY DOUBLE NUMBER • on sale January 20th • 35c**

Per.  
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V. 79



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from well  
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Sturdy healthy puppies, and young stock  
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BEST Eastern and  
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Each puppy is a fine, husky, intelligent individual, with world-famous pedigree parentage. Some of show quality—others for companionship. Write for complete description and prices.  
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## Doberman Pinschers

Puppies, youngsters, and fine show stock  
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Our noted stud dogs are a composite of  
the world's finest Dobermans

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Puppies available, bred from  
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All breeds boarded. Training in  
house manners and obedience.

Robert Bolster  
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## BOXERS OF QUALITY

A few choice puppies  
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Country raised pup-  
pies and young dogs.  
Write, phone or call.

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Also Annapolis, Md.

## "TALISKER" SKYE TERRIERS

The perfect children's pet  
and companion. . . . Strong  
and healthy. . . . Faithful  
and courageous.  
Puppies occasionally for sale  
MRS. R. PERCY ADAMS  
4333 Westmount Ave.  
Westmount, Montreal,  
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Owner of Skye Terriers since 1904

Specific Questions on Dog Subjects  
will gladly be answered by  
The Dog Mart of House & Garden

# THE DOG

## House & Garden's gallery

MISS Louise K. Young,  
of Dayton, Ohio, one of  
America's best known  
animal artists, puts the  
finishing touches to a  
painting of Boxers owned  
by Mrs. W. H. Mc-  
Hugh. Dogs exhibited  
at the 1940 Dayton  
(Ohio) show where this  
painting was started,  
original sketch of the  
dog facing the camera



THE Pointer comes by  
his name honestly. He  
was the first dog, so  
far as we know, that  
was used to stand game  
in the sense in which  
we use the term today,  
and was developed as a  
distinct breed much  
earlier than any of the  
setters. Champion Hie-  
On Coronation, owned  
by the Janard Kennels



"FIDELE jusqu' à la  
mort" is the Briard's  
family motto. He be-  
comes a member of  
your family, and is  
steady, wise, and kind  
to children and small-  
er dogs. Mrs. George W.  
Jacobs, Jr., with Ch.  
Nanni, Jeannette, Ch.  
Baron and his son,  
Moreau; all owned by  
Sydney Farm Kennels



THE Bullterrier was  
called the gladiator of  
the canine world. As  
such he had to have  
great strength, greater  
agility and the greatest  
courage. He was bred  
by gentlemen for gen-  
tlemen, for those who  
had a sense of fair play  
and scorned a liar in  
any game. A champion  
of Mrs. Z. P. Bennett's



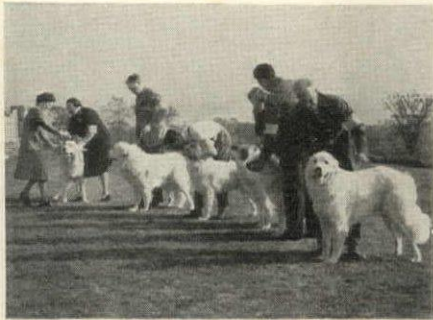
Most of all, perhaps,  
among the endearing  
qualities of the Dober-  
man Pinscher has come  
to be its devotion to its  
own hearth and home,  
and its discriminating  
service as the friend  
and guardian of the  
whole family, and espe-  
cially of the children,  
whom he loves dearly.  
Owner, Wilsona Kennels





# MART

of pure bred dogs



"ANIMATED snowdrifts of the Pyrenees Mountains." Large as bears; gentle as babes in arms. American-bred dogs (1 to 2 year) class at specialty show of the Great Pyrenees Club of America held on the estate of Mr. and Mrs. Marshall C. Sewall, New Canaan, Conn., Oct. 12th. Judge, Mrs. Sherman R. Hoyt



WE find in the Shetland Sheepdog the ideal combination of the guardianship of the watchdog, the obedience and intelligence of the sheepdog, and the loyalty and affection of both, with beauty of form, high intelligence. Ch. Timberidge Temp-tress, bred and owned by Miss D. A. Foster



BOXERS know what's expected of a watchdog, or nursemaid, or friend. They know, without being told, when you are willing to play . . . they know, with but one word of command, what next duty they are to perform. If you want affection you'll love the Boxer. Boxer puppies of Mrs. Wm. Z. Breed



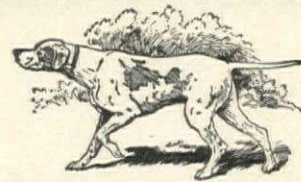
THE Dandie Dinmont has dignity and reserve, combined with the love of a "roughhouse" when his master so desires. This makes him an ideal companion, whether for a brisk walk over the hill or next to the fireside, where he is always near you watching your every movement. Mrs. W. M. Kirby, owner



THE Sealyham is 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. Yet he never picks a silly quarrel with man or beast. It would be beneath him. Sealyhams bred by Mrs. R. J. Boyle

## AMERICA'S PREMIER DOG SHOW Madison Square Garden • New York WESTMINSTER KENNEL CLUB

65th  
ANNUAL



DOG  
SHOW

FEBRUARY 11th and 12th

### NEW FEATURES

1. With the exception of puppy classes, entries are limited to dogs which have won 1st, 2nd or 3rd prizes at other Dog Shows.
2. Cash prizes for Best of Breed will be awarded on the basis of \$1 per dog entered in each breed, with a minimum prize of \$5 and a maximum of \$100.

ENTRIES CLOSE JANUARY 13TH

### Great Pyrenees and Saint Bernards

Puppies



Available

### LA COLINA KENNELS

Dr. and Mrs. F. W. Seward  
New Hampton, Orange County, N. Y.  
Route 17 Tel. Goshen 15



### The Great Pyrenees

The ideal dog for American Country Homes  
Affectionate, intelligent companions for children  
Puppies of distinction for sale from the largest and oldest kennels of the breed in America.  
BASQUAIRE KENNELS, Reg.  
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Evenings Holliston 368  
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Grand Seigneur Kennels  
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Home of the world's most beautiful guard and working dog. Healthy youngsters available. Millbrook 177F31.

### GREAT PYRENEES



and  
Norwegian Elkhounds  
Children's Guardian and Friend  
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Ch. Blumen of Adow—  
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A Homebred Granddaughter with an enviable record! Finished in 4 shows at 16 mos. (Daughter of Ch. Ise Diana of Adow).  
Others like her—and sound, healthy puppies as companions available.  
MRS. OSBORNE WHITE.  
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### BRAE TARN DANE KENNELS GLENVILLE, CONN.

Outstanding Puppies  
For Sale



At Stud  
Ch. Jansen of Brae Tarn  
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Companionship  
Protection

Boarding—Grooming  
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### WALDECK KENNELS, INC.,

E. L. WINSLOW, Pres.  
R. B. QUACKENBUSH, Mgr.  
P. O. Box 294 HG Telephone 93  
Ridgefield, Conn. At Routes #7 & #35  
Established 1932

### GERMAN SHEPHERDS

Healthy, sturdy,  
beautiful coated  
puppies

5 months and older  
Registered

LEDGE ACRES KENNELS  
Jerusalem Road, North Cohasset, Mass.

### BRIARDS

Will keep you so safe, guard  
all that you hold dear. Cham-  
pion sired stock of all ages.

Mrs. George W. Jacobs, Jr.  
Sydney Farm  
Norristown Pennsylvania Ch. Nick du Fief Roy.



Dalmatians  
and  
Chows

### TALLY HO KENNELS, Reg.

P. O. Box 239, Oyster Bay, L.I., N.Y.

Dogs may be seen by appointment only  
We do NOT publish a catalogue

Kennel Telephone: Oyster Bay 1344  
Mrs. L. W. Bonney, Owner  
Donald Sutherland, Manager





## ★ BEAGLES ★

If you are looking for a small, short haired, attractive dog select a beagle. They are smart, affectionate and of even temperament. They make excellent pets and companions in the home and exceptional hunters in the field. We have available for sale good strong healthy puppies and grown dogs.

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## SHETLAND SHEEPDOGS



Puppies by Champions Catmore Chum, Telford Tulla, Ace of Anahassitt, Gregor McGregor of Bagaduce.

Both Show Prospects and Companions Available.

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Now available guaranteed healthy puppies excellent in type and disposition. ALSO to reduce stock, two older blue-merle puppies.

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Special! Beautiful gold and white female pup with lovely disposition. May be the companion you dream of. Other puppies also, of course.

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## SHETLAND SHEEPDOGS

(Miniature Collies)

A wide selection of well-bred puppies and breeding stock at reasonable prices.

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Champion-bred stock for sale & at stud. All puppies registered, inoculated & used to human companionship. Small dogs, boarded, house and obedience training a specialty.

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either young or matured of excellent quality and charming personality.

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## CAIRN TERRIERS

FOR THE COUNTRY  
Hardy, intelligent, affectionate. An excellent farm or country dog.

## FOR CITY APARTMENT

Small, easy to train and feed. Quiet, unobtrusive, obedient.

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Home raised companions from healthy champion stock. Prices consistent with quality and breeding. Correspondence invited.

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Puppies from both breeds for sale. \$50 and up.

KEDRON KENNELS  
Miss Edith E. McCausland, owner  
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## CAIRN TERRIERS

As a dog for the home and country estate the Cairn cannot be excelled.

## Bethcairn Kennels

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Pittsburgh, Pa.



## WELSH TERRIERS

As usual this kennel has been a consistent winner during the spring and summer shows with both home-bred and imported stock. A few outstanding puppies available, also breeding stock. Visitors welcome by appointment. Write or phone:

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Goshen, N. Y.

Tel. Goshen 154



Ch. Halcyn Singleton



## Tops in Kerry Blue Terriers

Puppies For Sale

HARRY Z. ISAACS  
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## WELSH TERRIERS

Companion and Show Dogs. Distemper Inoculated.

## BODIE KENNELS

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U. S. Rt. 9, near Poughkeepsie  
Telephone Staatsburg 181



Ch. Bodie's Tiny Tim

## SCOTTISH AND WEST HIGHLAND WHITE TERRIERS

Puppies Usually Available  
Dogs at Stud to Approved Bitches Only

## Edgerstone Kennels

Concord, N. H.  
Owner,  
Mrs. John G. Winant



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Kerry Blues that can win anywhere. Young stock by Int. Ch. Prince Blue Steel of the Chevin, Int. Ch. Lisnalia Enbuska, Ch. Bold Venture and Caracul (brother of Int. Ch. Drumhead Ballyshannon). Reared by a veterinarian; inoculated against distemper. None less than \$100. William L. Day, 420 Lexington Avenue, New York, N. Y. Telephone Mohawk 4-7700.

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Well bred, excellent type, healthy. Wonderful dispositions. You will surely enjoy a Sealyham

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## Lowmont Kennels

Greenwich, Conn.

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M. McCreery  
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## THE DOG

## House &amp; Garden's gallery

THE correct temperament of the Airedale in puppyhood is one of discretion; and, when mature, a certain dignified aloofness both with strangers and their kind. Their dispositions can be moulded by the patience of their masters. Champion Walnut Clipper of Freedom; owner, A. L. Zeckendorf



CHIHUAHUA Pepper Rita, C.D., jumping over Wire Fox Terrier Brilliant Terry, C.D.X., both members of the New England Dog Obedience Training Class; owned by Mrs. Josephine R. Sharkey of Milton, Mass. Dog owners are welcome to join. Secretary, H. P. Clausen, Dedham, Mass.



FIELD Trial Champion Solo Event. First Springer Spaniel to win Field & Stream Challenge Trophy and the National Championship twice when she clinched that award with a triumph in the Open All-Age stake, Valley Forge, Pa. trials, November 19th. Owned by Mr. James Simpson



CALM and good tempered, the Pekingese employs a condescendingly cordial attitude toward the world in general, but in the privacy of his family he enjoys nothing better than a good romp. He fears not even the devil himself. These Pekingese are owned by Mrs. Phillip M. Schaffner



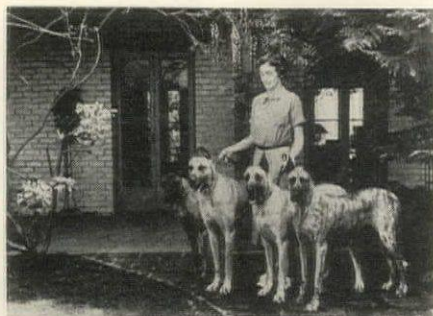
THE Afghan is no toy to pamper and coddle. No bully to entice into a general rough-house, but he will guard you from the vastest dangers of the world—from an attacking army; from, worst of all, an inferiority complex. The famous Ch. Barberryhill Dolly, her daughter, and Mrs. Jack Oakie





# MART

of pure bred dogs



ONE of California's best known breeders of Great Danes is Mrs. Osborn White, here shown with Etfa of Adow; Baldur of Adow; and Champion Christa Odenwald of Adow. The Dane has developed more steadily in popularity than almost any other breed of dog, in spite of his great size



THE vigilance and intelligence of the Cardigan Welsh Corgi must have been a great asset to the Celts from earliest times; and tales handed down from father to son for countless generations identify him always as a most valued member of the family circle. Cardigan of Mrs. B. P. Bole



THE Dalmatian is not every one's dog. No casual admirer will break his polite reserve for he has a fine sense of distinction as to whom he belongs. He is first, last and all the time his master's or a one-family dog; with children the perfect protector. Dalmatians of Mrs. L. W. Bonney



HODGSON dog houses have ventilating systems and are made with and without partitions with cedar sides and roof and hard pine floors. Interior is shellacked, exterior painted white with a green roof, or sides oiled, with roof stained green. Floors and roofs are detachable for cleaning



THE pure-bred Bloodhound is one of the most docile of all breeds. Unlike police trained dogs, he does not attack the man he is trailing. So accurate is the Bloodhound in following a trail that he is the only dog whose evidence is accepted in court. This specimen owned by Giralda Farms

**COLLIES**  
Loyal guardians of children and homes.  
For pure-bred puppies sired by America's two leading champions, write your wants NOW—to  
**ROMADEE COLLIE KENNELS**  
R. I. Short Creek, W. Va.  
Dr. & Mrs. M. F. Zubak, Owners.

Don't Spay and Spoil Your Female Puppy—Use  
**CUPID CHASER**  
to Keep Dogs Away While Females are in Season. Harmless. Simple. Successful. Wash off before mating. Satisfaction or money refunded. No red tape. Ask your dealer, or send \$1.00 for bottle, postpaid.  
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Quadrine YOUR DOG AGAINST winter conditions such as shedding, falling hair, dandruff, scales, dross, odor, ear and sarcoptic mange, ringworm, ticks, fleas. Do as the great kennels do. Quadrine your dog for that dog show ahead. \$1.00 per bottle. Buy the Quadrine Jr. non-clog atomizer set, making application easy, cleanly and economical. \$1.50 including bottle Quadrine from your dealer or  
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Dept. G 317 Superior St., Toledo, Ohio

The Exercise Toy for Kitty!  
**"MOUSIE HOUSE"**  
A nimble mouse in a sturdy house! Kitty chases and toys with it for hours!  
\$1.75  
Exercise and Fun for Kitty!  
Entertains the Whole Family!  
**E-Z KLEAN KITTY TOILET.** Modernistic base, porcelain-enamel tray, and 30 waterproof disposal sheets. \$3.50.  
**FAMOUS KATNIP-TREE.** Saves rugs and upholstery. \$1.75; \$3.50; \$5.  
At Stores or Postpaid; catalog free.  
**KATNIP-TREE CO., 1210 Western, Seattle, Wn.**

Specific Questions on Dog Subjects will gladly be answered by  
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Tells Your Dog "KEEP OFF"  
Just sprinkle Powder Chaperone lightly on chairs, rugs, beds, sofas, etc. You don't smell it—but your dog does—and stays away. Harmless. Send \$1 for generous package, several months' supply. Sudbury Laboratory, Box 84, South Sudbury, Mass.  
**POWDER CHAPERONE**

**DO YOU WORRY WHILE YOUR DOG PLAYS?**  
Send 6c for Booklet 89-F describing "Buffalo" Portable Kennel Yard protection. Buffalo Wire Works Co., Inc., 475 Terrace, Buffalo, N. Y.  
**"BUFFALO" PORTABLE FENCING**

**PUPPYBUNK**  
THE COMPLETE DOG BED  
Healthful, draft-free comfort for your pet. Spring suspension... cedar cushion... washable. At your Dealers—or write for Folder. By the Makers of Hendryx Bird Cages Since 1889  
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Why pay fancy prices for saddlery? Write for free catalog that has saved real money for thousands of horsemen. Contains over 400 bargains in English Saddlery. I ship saddlery on approval. Write today.  
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**KEEP YOUR DOG CLEAN THIS SAFE EASY WAY!**  
Use **SHOW COAT** Dog Cleansing Pads  
A revolutionary method for cleaning and deodorizing your dog—safe even for puppies. No water is required. Each lotion-treated pad whisks away dirt, and leaves the hair clean and glossy, without changing its texture or drying the skin. Show Coat cleans thoroughly any kind of dog.

**SHOW COAT Co.**  
Dept. E, Box 64 • Pomona, Cal.  
SHOW COAT \$1.00 Large jar—14 pads (several months' supply). Send no money. Order Show Coat C.O.D. \$1 plus postage charges (or send \$1 and we pay postage).

**DOG-TEX**  
THE RUG SAVER!  
ELIMINATES STAINS—ENDS ODORS  
Dog-Tex is the original proven dog stain eradicator. Ends all embarrassing odors! Prevents rotting and bleaching! Your dog never had a better friend. If your dealer cannot supply you, Write direct.  
CONSOLIDATED CHEMICAL WORKS  
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JANUARY, 1941

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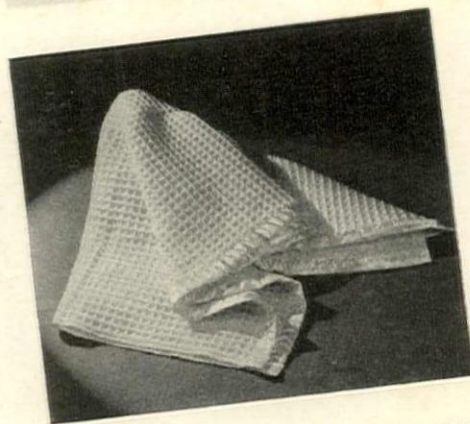


If you are interested in any of the merchandise shown on these pages, kindly address your checks or money orders directly to the shops mentioned in each case

THE Victorians filled theirs with wax flowers, but for ours, only the real McCoy! Under this Floradome your blossoms will stay young and lovely without water for several days. (Just spray them before you put on the glass dome.) 3 sizes: 12" high, \$3.50; 10", \$2.50; 8", \$1.50. Plus postage. Virginia Peters Studios, 501 West Hottter St., Phila., Pa.



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LOUD will be the chirping of all your feathered friends, for this is a truly beautiful bird bath. The fluted shell is made of lead, and has a dull antique finish which is tremendously flattering to all bright plumage. The bath measures 9" high x 15" wide. It costs \$35, and is sent express prepaid. Florentine Craftsmen, Inc., 540 1st Ave., New York City



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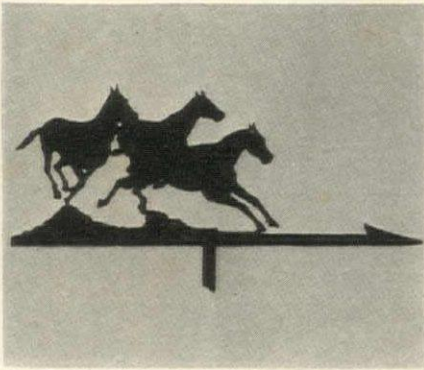
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THESE three Black Beauties, silhouetted against the sky, will serve you as a most reliable weathervane. Made of brass and aluminum, it revolves on rust-proof bearings, and is about 24" long. It comes fitted with compass points and has a weatherproof dull black finish. \$12.50. Bell Garden Industries, 3963 Olive St., St. Louis, Mo.



"LET others tell of storms and showers, this dial will only mark your sunny hours." Made of green cast bronze, its base is 7" in diameter, and it stands 17" high. It's a copy of the dial in Rockefeller Center Plaza, and will last for many generations. The price is \$25, and you order it from Graham Bronzes, Inc., 293 Wooster St., New Haven, Conn.



Not a dropped stitch, nor an unspliced end of yarn in this handknit beauty. Yes, here's a sweater that can't be beat even on your own professional needles. It's made of a heavy-but-soft pure nub wool, and comes in small, medium or large sizes. Brilliant red trimmed with blue, or blue trimmed with red, or all white. \$9.75. Croftknit, Nyack, N. Y.



Snow melts and fire burns, but did you ever hear tell of a burning snowman? Well, we never did until we happened on this hand-made candle snowman. During the long hours he burns merrily away you'll sniff the fragrant odor of pine. 8" high, he comes in white for \$2.50. Antonino Ajello & Brothers, 357 East 124th Street, New York



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Contrary to prevailing impressions of uncertainty for English products, during January stocktaking many items found to be in excess will be sacrificed in our annual sale beginning January 2nd and continuing throughout the stocktaking period.

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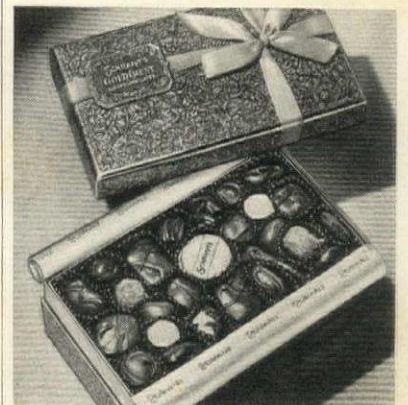
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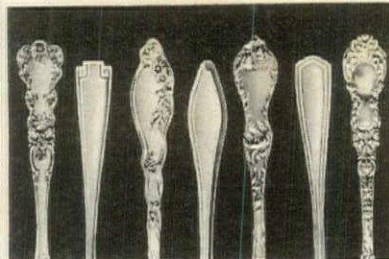
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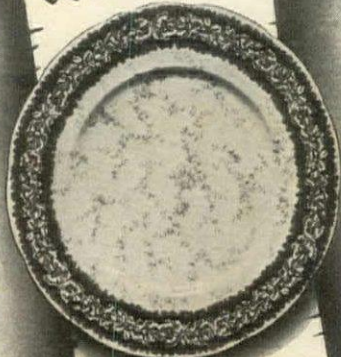
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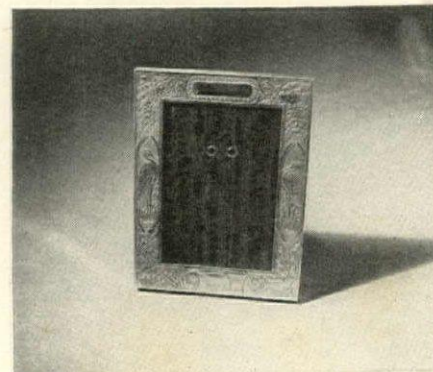


# SHOPPING

ONLY one better way than saying it with flowers, and that is saying it with flowers in holders such as these! The mahogany wall bracket, 10" wide x 13" high, has a removable copper container for ivy or blossoms; \$20. Mahogany flower stand, 8 3/4" wide x 11 3/4" high, is \$12.50. Express collect. Nessa Gaulois, 721-725 Lincoln Road, Miami Beach, Fla.



HERE's a baby's picture frame designed to include the vital statistics! Get them down in sterling silver—name, poundage and arrival date. The frame measures 4 1/4" x 5 3/4", and will stand a lot more wear and tear than any family album. It has a bakelite back and easel, and costs \$10. Grogan Company, 541 Wood Street, Pittsburgh, Pa.



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YOU'LL make a mighty pretty Alice-sit-by-the-fire working on a bit of needlepoint for this graceful rocker. 31" high, it is made of solid Philippine mahogany. In muslin it is \$14.50; black, blue, brown Colonial tapestry, \$18.50. (Add \$2 if sent west of Rockies.) Ante-Bellum Reproductions Shop, 125-127 West Broad Street, Statesville, N. C.



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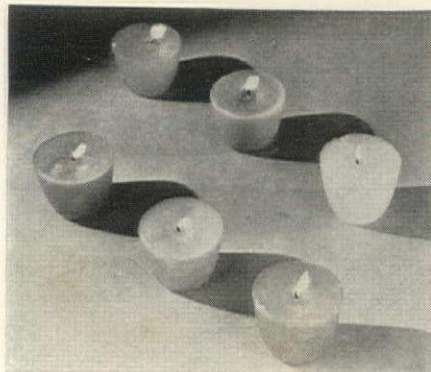




## AROUND



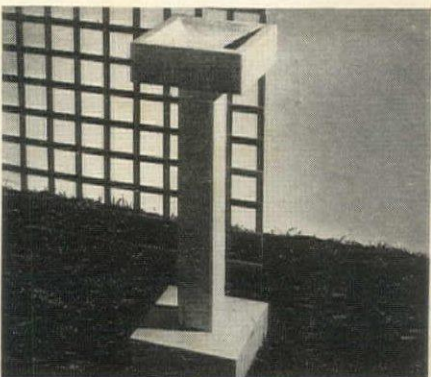
No rain, no snow, no cats... a triple-feature feeding station for birds. The pitched roof will keep off the elements, and the 47" metal stake cannot be climbed by even the wildest of cats. The feeder, 9" x 9" and 12" high, is made of verde green metal. \$5.75 plus postage. Four Seasons Shop, 2115 Madison Ave., Memphis, Tenn.



YOU'LL need no holder for these candles. Perfectly balanced, they will stand right up through the last bright flicker. Try six in a row along the mantel, or encircle your New Year's punch bowl with their pure bright light. They are called cocktail candles, and come six in a box, each a different color. \$1.50. Kottmiller, 371 Madison Ave., N. Y.



VERY glad we were to find this pinpoint flower-holder disguise, for cold metal barbs (even when holding flowers) are never a thing of beauty. The graceful glass leaf, 6" long, fits neatly around the holder, which is thereby completely hidden. The glass leaf, together with holder, \$1.25. Malcolm's, at 524 North Charles Street, in Baltimore, Maryland



THIS is a bird bath which is sure to catch your eye and hold it! The classic lines have a definitely modern feeling, and therein lies its appeal, for it will harmonize with any setting. Made of white marble, 36" high, the square base and bowl each measure 12" x 12". \$15 (F.O.B. New York). Erkins Studios, 121 East 24th St., New York City



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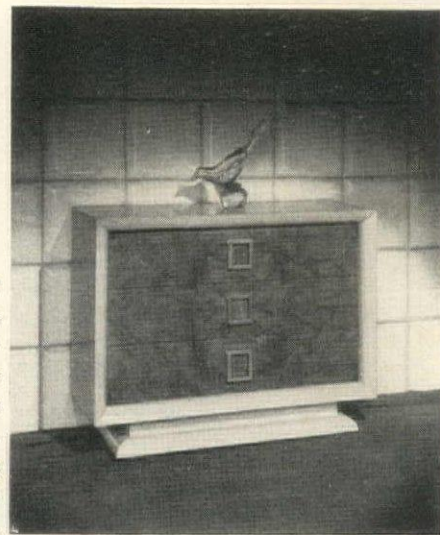
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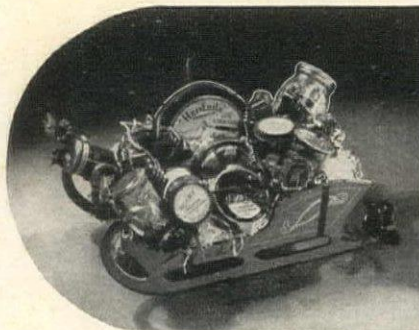
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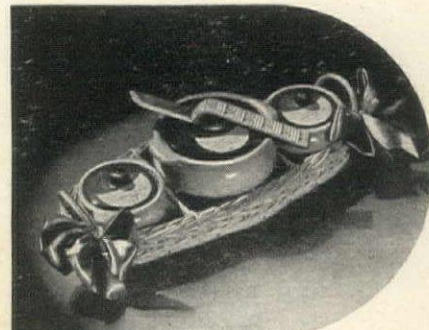
## ★ Last-Minute Gifts ★ from Hammacher Schlemmer



**PARTY MAKINGS**—Thrill the hostess with this gift of choicest appetizers. Packed in a cheery red sled which is also an amusing serving tray, the contents reveal: tins of Hentail and flat filets of anchovies, pickled mushrooms, jars of shrimp, hot cocktail olives, artichoke hearts, Hawaiian Macadamia nuts, fromage-stuffed olives, cocktail frankfurters, Escoffier sardine paste . . . \$10.00

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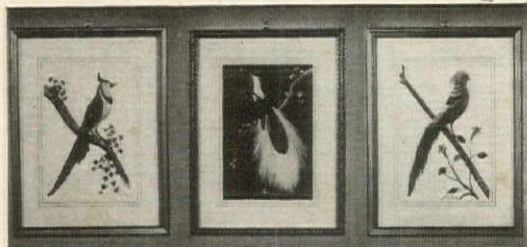
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GIVE soda bottles a new dress for New Years, to match fine decanters and a silver ice bucket. These soda caddies fit right over a large-size bottle of White Rock or what-have-you, and have "fizz-proof" tops. Dull gold or silver finish, they are priced at \$4 each, sent express collect. Alice H. Marks, 6 East 52nd Street, New York City



Now is the time to get your library ready for the Winter lending season. These plates, 3" x 4 1/4", are printed on heavy India vellum in sepia ink, and the name is imprinted in gold foil. From such a selection as this you can easily satisfy your individual fancy. Box of 50, \$1.25; box of 100, \$2. Miles Kimball Co., Kimball Building, Oshkosh, Wis.



HERE is a fold-away, hide-away plant stand. Unhook the cross bars, press the back legs to the front, and the stand is reduced to a slim 36" high x 30" wide. Give plants maximum sunlight by rolling the stand from window to window. In green or white metal, it is sent express collect for \$8.75. Helène Pep, 82-60 116th St., Kew Gardens, L. I., N. Y.



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## IN THE NEXT ISSUE



**45 houses and plans** selected from leading real estate communities in the United States will be featured in the Special Section attached to the February issue of House & Garden. This is a 50% increase over most of our famous books of houses and plans and you will be glad to know that there has been no decrease in the architectural taste exhibited. Leading developers have had a good year in 1940 and we had a wealth of excellent houses to choose from.



**How-to handbook**, we call the immensely practical 8-page feature we are introducing in our February Double Number. If it meets with the pleasant reception we hope for it, we shall make this a regular department of the magazine. In its next month we tell you how to drape broad windows, how to make some very attractive designs with fabrics and we give you practical information for the garden and home. You will find many practical ideas in this section of the February Double Number.



**Decorative trends for 1941:** The leading article in the General Section of our February issue is our annual reporting of basic trends which influence styles in home furnishings for the next year or longer. Naturally, the styles for 1941 exhibit no radical change from those of 1940, since tides of fashion in home furnishings are slow to change. However, the latest trends are fully reported.



**Greenfield Village:** Mr. Ford's enchanting reconstruction of the glories of the American past at Dearborn, Mich., will be presented for the first time in a national magazine in our next issue. The Ford Company have courteously permitted us to photograph their treasures and we are reproducing them for you in brilliant four-color photographs as well as many black-and-white photographs. Collectors will find this a mouth-watering feature.





**DYNAMICS**  
*and*  
**SERENITY**

Fantasia and simplicity. Every room by Sloane is a fusion of these. It takes unerring taste to meld them. It needs the illimitable sources only a great establishment maintains. But all this is the core around which rooms magnificent and memorable are made.

**W & J SLOANE**

FIFTH AVENUE AT 47TH • NEW YORK • WASHINGTON, D. C. • SAN FRANCISCO • BEVERLY HILLS



# THE BULLETIN BOARD

**Indigo and Architecture.** In its hey-day one of the most valuable crops in South Carolina was the growing and making of indigo. The slaves on the plantations were allowed the scrapings of the vats with which they decorated the trim of their houses. To this day white cabins and churches with indigo doors are still the fashion.



**Disturbed Towels.** The cook came and said that something terrible had happened. She seemed really exercised over it. Finally, she was able to tell all—in the powder room, two of the tea guests had used two of those red finger towels with yellow stars that we had brought home from Chicago a year ago. They had been hanging there untouched ever since. “But why shouldn’t the guests use them?” we asked. “That’s what they’re for.” Cookie seemed dismayed. “Oh, I thought they were only for decoration,” she said. “I pinned them on the bar so that nobody could disturb them.”

**My Day.** We grow a little sad when we contemplate all the well-intentioned people who, having acquired diaries, now set forth valiantly to write in them each day. How quickly do their short and simple annals peter out! How unnecessary does it seem, come February or March, to record what we did! Even the weather loses its attraction. Only resolute or self-admiring people fill their diaries to the bitter end.

**The Return of Mansard.** Between the 50s and 80s of the past century this country saw the introduction of the Mansard roof into suburban and country architecture. True, J. H. Mansard, Louis XIV’s master architect in the enlarging of Versailles, had been sleeping in his grave for over a century and a half and his influence on architectural taste would seem to have been sleeping too.

The Second Empire, however, extended its orbit to these shores, with the horrible results that may still be seen occasionally today. An explanation of how Mansard roofs came to be re-introduced here is found in Whitaker’s “Rameses to Rockefeller”:

“The professional designing architect ‘arrives’ about this time, not that he was to blame, for he was merely the agent accepted by a society. All now agreed that

one no longer began a building by considering the purpose but selected a design for the outside. What was to go on in the inside would be fitted to such as best could be done.

“There began a trickling stream of buildings that ‘put on airs’ and pretended to be better socially than the general run. Greek columns or Roman pilasters or a borrowed frightful roof from Mansard.

“It was the day of imitating the Louvre and the French Chateau in America. The Post Office and the English High School in Boston, State Capitol at Albany, Broad Street Station and City Hall in Philadelphia.

“The architecture outpouring of the 80s is an amazing medley, pointedly telling the tale of a people who were trying to go in for art but who really had no more taste than the architects who posed as guides among the building styles of Europe.”

## Incident in Black and White

Black Peter hated snow, and this one fall Had been eight inches; but he gingerly Marked out his trail across the untouched white,

And leapt the last three feet into his tree. He viewed the landscape with a cold distaste,

And then, obeying subtle feline laws, Retraced his footprints back across the snow,

Precise, unhurried, with high-lifted paws.

Barbara A. Jones

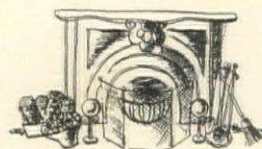


**Rampart Wisteria.** For some years now, we have faithfully pruned, fed and done tricks to a flowerless wisteria, and the only return for our troubles is that it throws its strangling arms farther and farther each season. So we were just a little envious when we read about a wisteria at Chiswick in England, which by 1839 had stretched 180’ long, covered 1800 square feet of wall—and produced 675,000 flowers.

It also made life a little less bewildering to learn that the cast-iron house plant aspidistra first was introduced into England in 1835 and shortly thereafter to these shores.

**Swaddling Bottles.** Among politer circles there seems to be a rule which says that no bottle should come to the table naked. It is discreetly swaddled in a napkin. Why? If a host blushes for the wine he is

serving, by all means let him hide his blushes behind that napkin. If the bottle comes dripping from an ice bucket, spare the servitor’s hand with a cloth. But on other occasions, why hide the label? Why swaddle the bottle so that it is difficult to hold and the label even more difficult to see?



**Chimney Furniture.** What a lot of junk we mortals do accumulate to serve our purposes! Take the fireplace, for instance. A relatively small area and bulk of the room is occupied by this fireplace. And yet, it must have wood box or coal scuttle, andirons or a coal grate, poker, tongs, shovel, firefork, bellows, hearth brush and a spark screen. If we are real fancy, we’ll add a fender and a trivet to set the tea pot on, a fireback and in Summer a chimney board to fill the gaping hole when the fireplace is not in use.

When people exclaim, “I just love an open fire!” the person who has to dust and polish all this must have a sour thought.

**Ships’ Gardeners.** Do you remember the time when swanky fast liners used to ply between New York and Europe and how among the crew was one man with “Gardener” on his cap because he used to tend the flowers?

This sea-going horticulturist had some interesting ancestors. In the era of the early round-world voyages many an expedition included a ship’s gardener whose business it was to take care of the plants and seeds collected ashore by scientific members of the company. David Nelson was one of them, having sailed with both Captain Cook and with Bligh on the *Bounty*. Lord Macartney, on his embassy to China in 1792, took along two professional gardeners, one of them named Haxton. Twenty-three years later when Lord Amherst headed a diplomatic expedition to China, the gardeners on board his ship were a Mr. Poole and a Mr. Hooper.

These men had no easy job keeping their plants alive on the long journey home. Not until the Wardian case was invented could they be sure of success. Whereas before this time the loss was invariably high, with Wardian cases one ship’s gardener brought safe to England 215 out of 250 plants he shipped aboard in China.





## SPIRIT OF THE OLD WEST

For Mr. C. R. Smith, young Texas-born president of American Airlines, Sloane's decorated this colorful New York apartment. In the dioramas are real growing cactus, carved wood figures of cowboys and prospectors. See also pages 16-17



# "PROBLEM" DECORATION

A good decorator can create for you surroundings which will  
vividly mirror your own interests and personality

ARE you a decorator's problem? Of course you are! Unless your idea of a perfect background for yourself is a "nice" room, tastefully dull, harmlessly colored—a pleasant, polite, smiling mask of nothing.

Perish that thought! You're a problem and proud of it if you have any interests or idiosyncrasies at all. Maybe you feel frustrated against fuchsia; maybe you can't bear striped curtains; maybe, like Reginald Gardiner, Broadway comedy star, you can't look at an overstuffed leather club chair without feeling that it's crouching to spring at you!

None of these idiosyncrasies make you a candidate for a sanitarium—but they do make you a problem for a decorator. Some one who, knowing your love of fine recorded music, for instance, will make the proper relationship between phonograph, deep chairs for listening, and storage space for records. Some one who can build your fine collection of book-bindings into the scheme of your living room. And some one who can take your stated budget, however small you may feel it is, and not only stay within it but make it go just as far as is humanly possible.

You have taste, and an artistic eye for color and scale. But your business isn't decorating. It's up to your decorator to take up the problem and translate your vague little scratch-pad drawings, and your not-too-well-expressed notions about the kind of room you want, into the kind of room you could only wish for. He knows how, for instance, to get a painter to mix the exact color of a length of fabric—not only whether the paint is "too blue" but that it needs something strange like burnt umber to make it right.

The people who work with him—plasterers, painters, upholsterers—know their business. They have to. Your "little man" on a side street may be able to turn you out a beautiful slipcover, but if he isn't a cutter of long experience, he may need eight yards to do it instead of five—and you may not know that it could be made in less. And if it comes out wrong, the decorator has to fix it—not you! Call in a decorator to be your "patsy"—and avoid sad disappointments.

PRACTICALLY no "problem child" is too difficult for a good decorator. To the first World's Fair in Chicago, for instance, came a wealthy gentleman who fell literally in love with the exhibition building of the Island of Ceylon. After the Fair closed, he bought it, lock, stock and barrel, with its lovely lantern staircase and fabulous collection of Indo-Chinese carvings—and had it transported, on thirty flat-cars, to his own country estate. His decorator worked with the Indo-Chinese workmen who had been brought over to put it up at the Fair, and built his client a magnificent country house. The original building was of one story, with a tower. They removed the tower, and built on a second story exactly in character. This took care of sleeping quarters, and the exhibition rooms downstairs were changed architecturally into library, dining room, living room and so on.

Another "problem child" (with a slightly smaller problem) had a most interesting collection. She had found, in England, a series of copies of all the paintings in the National Gallery in London, exquisitely rendered in miniature on tiny ivory plaques. Hung uncompromisingly on a wall, they might have appeared "spotty". Her decorator ferreted out for her a tall, beautiful Chippendale cabinet. He lined it with moire, lighted it cleverly, and hung the little paintings inside, where they were given unity and a proper background.

This same client, strange as it may seem, is America's most famous woman flyer. She wanted, too, a place to display her many trophies—but she didn't want an ostentatious "trophy room". So the same decorator covered her reception-room walls with beautiful murals of the history of flight—in pale, dim colors. He set a real compass rose in the center of the floor, and on the mirrored coffee tables and end tables around the room stand the silver trophies.

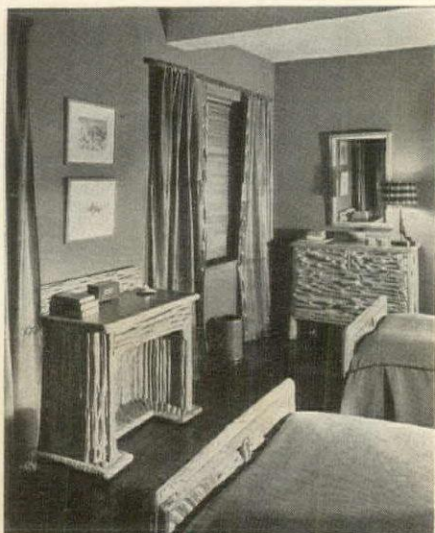
AN enthusiastic horseman wanted to build the decoration of his bedroom around his prize possession—a real old drag coach. His decorator used the shafts and rails for the framework of the bed and made the quaintly decorated old coachman's-box into a dresser. And on the bed and as draperies a bright Tattersall plaid was used—just like the old carriage robes which belonged in the coach!

Opposite and on the next four pages are some more examples of famous "problem children" and their decorating solutions. Mr. C. R. Smith, whose living room in his New York penthouse is shown opposite, is the youthful president of American Airlines. A Texan by birth, he has no love for New York's sophistication; and W. & J. Sloane, who decorated his apartment, recreated for him the colorful, high-wide-and-handsome mood of the Old West. They used such materials as wide, smooth planks for the floor; bright-colored, rough-woven serape cloth for the draperies; lamp bases made from the wheel hubs of an old Mormon prairie schooner. The dioramas in the walls are eighteen inches deep. In them are real gravel and sand, growing cacti, and little carved wooden figures of cowboys and prospectors.

Miss Sally Ryan, granddaughter of Thomas Fortune Ryan, whose New York apartment is shown on page 19, is a sculptor. She has spent most of her life in Europe studying art—some of the time under the great modern sculptor Jacob Epstein. She loves the quiet, traditional atmosphere of the European ateliers, and wanted a bit of it for her American studio. Besides a real place to work, she wanted to be able to entertain her friends at tea, and a setting for her fine collection of first editions and old documents and letters.

Finally, the Sprakers house, on page 18, is a beautiful "Nineties" castle overlooking the Mohawk River in New York State. Almost all of its furniture has been in the Sprakers family for many years. The problem here was to adapt the house to modern living.





#### Curtains like cowboy chaps

The master bedroom (another view of which is shown opposite) features cowhide curtains with fringed, metal-studded edges. Bright Indian rugs cover the plank floor.

## Mr. C. R. Smith's New York apartment recalls golden days of the early West

TEXAS-BORN, Mr. Smith, young president of American Airlines, would feel ill at ease in a sophisticated, cosmopolitan setting. For him W. & J. Sloane originated this colorful background which incorporates all the young, lusty spirit of the Texas pioneers. Most of the furniture is oak and chestnut, painted with Indian decorations. The gun-cabinets are made from the heart of the giant cactus.

The bar shown below opposite, which opens off the balcony over the living room, is a perfect souvenir of the Gold Rush era—even to the silver dollars set in the terrazzo floor, and the carved figures of burlesque queens which guard the doorway. Here are also old music boxes of the period, and a genuine old set of gold-scales.



#### Indian designs on the dining room chests

The dining room floor, like that in the living room, is of wide planks, and no rugs are used. Walls here are stippled bottle green. The oak chests are painted with brilliant Indian decorations, and the chairs, of oak and chestnut, have seats in real calf-skin with the hair left on.



#### Texas longhorn over the living room fireplace

A railroad tie makes the living room mantel, and the Texas longhorn head over it has a nine-foot spread. Here no carpets are used, but instead white bearskins, and Indian rugs in crude, bright colors. The lamp bases are the wheel hubs of an old Mormon prairie schooner.





### This balcony overlooks the living room

ABOVE: A feature of the living room balcony is the interesting fireplace, an original Indian one of pink adobe. The walls here are white, accented by a brilliant cowboy painting over the fireplace. The chairs are covered in brown and tan leather with deep fringe; some are covered in calfskin with the hair left on



### Cactus-heart beds and Indian rugs

ABOVE: Bedroom draperies are cowhide studded with silver like cowboys' chaps. The furniture is made of wood from the heart of the giant cactus, standing out pale against soft blue walls and brown corduroy bedspreads



### Burlesque queens in the Gold Rush bar

LEFT: The barroom floor is inset with silver dollars. The mural at one side is of a Western dance hall, over a miniature footlighted stage; the bar is shiny red mahogany. Old oil lamps hang from the ceiling, and two carved wooden burlesque queens stand at the entrance





WERNER

### Authentic Victoriana for a Mohawk Valley family

ALONG THE BANKS OF THE MOHAWK RIVER the ancestors of Miss Marguerite Spraker settled—when Indians were still lurking in the vicinity. And here, in 1878 at Sprakers, New York, her grandfather built the mansion whose music room appears above. For her, Sloane copied the original curtains, crystal fringe and all, duplicated the early upholstery damasks and colors, left untouched the gold-inlaid mahogany cornices





## A duplex studio in Manhattan for Sally Ryan, sculptress

GRANDDAUGHTER OF THOMAS FORTUNE RYAN, Sally Ryan has two serious interests—her sculpture and her friends. For these, Sloane divided her studio living room neatly into two parts. The one, all gray broadloom, white damask and antique mirror panels with quickening accents of turquoise and cherry red; the other, linoleum floored, furnished Spartanly only with working tools. The mirror reflects them both as well as Miss Ryan and her life-size bronze of Christ



# WINTER SMILES ON QUEBEC

Skip the January blues and head north to Canada for a sunlit Winter vacation!



French Canadian folk-songs are among the world's most tunefully vivacious

AFTER the holidays, the "Winter blues" set in. Spring can be far behind; and ahead are three long months of gray, chilling fog; of streets rutted with sooty snow and grimy ice; of east winds beating in from the Atlantic; of damp cold which bores into your very bones and whips about your trousered or silk-stockinged legs.

It's Winter's cold frown you see—go North, Americans, and see his smile! North to the Province of Quebec, to a land which is a charming blend of French vivacity and English hospitality, of sparkling, sunlit slopes, of five-o'clock tea and hot buttered rum—and the best skiing you'll see this side of the Rockies.

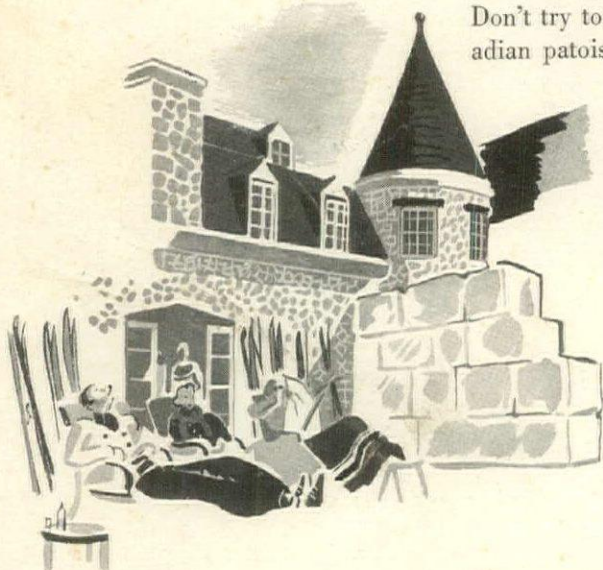
Hop a Canadian Colonial plane at New York's LaGuardia Field and you'll be in Montreal in two hours. The way from there is on a chuffy, old-fashioned little wicker-seated train that pushes its way between roof-high snowdrifts up into the pine-clad Laurentians. Between Strawbridge, 40 miles out, and Mt. Tremblant, 90 miles out, there are dozens of places for you to alight, and find excellent skiing, fine hospitality and the most comfortable of inns—more about these later.

Quebec in Winter is no place for cars—so you step off the train and into a sleigh. The driver is a rosy, moon-faced, beaming individual in coonskin cap (yes, really), fur coat and huge fur mittens and boots. Don't try to understand him—French Canadian patois is completely unintelligible—

but enjoy your first ride through the cold, dry, ether-clear air, under huge, pungent buffalo robes, with only the sound of the sleigh runners hissing through the drifts, and the bells tinkle-tinkling on the harness of the furry horses.

Once ensconced in the pine-panelled inn with its roaring wood fire and surprisingly American efficiency, you don't have to ski to have a good time—but you will. Take a few lessons from the Danish or Austrian or French Canadian or Swedish pro and you can go almost anywhere your fancy leads you. The cheering thing about the Laurentians is that they're not mountains, they're hills. (But don't let a Canadian hear you mention it!) Most of the trails are cross-country through pastures and woods—up a little rise, down a little dip, round an ice-clad lake—all through a country that is a living Christmas card of snow-smothered pines and long white drifts. If you know how to climb, and can do a simple snow-plow, you can maneuver an easy trail adequately. And when you come back to the inn after two, three or four miles, you'll feel like a real *voyageur*.

The sun has gone down, leaving a single aquamarine star in the clear, brittle air; you feel the hard cold for the first time, even through your red flannels, and your joints are beginning to feel all those falls. Five o'clock, and it's tea-time inside. Tea is a fourth meal in this English country, and you can either imbibe it with cin-



Get a Winter suntan—lying in a deck chair behind an ice wall in the February sunshine—at ten below!



Ski lessons are fun—with a Danish, French, Austrian, Swedish accent: "Bend ze knees, Mademoiselle!"



namon toast before the fire in peace and quiet, or join the hardy, laughing souls in the *habitant* bar, swapping impossible ski sagas over that glowing concoction of steaming hot rum and lemon with a spoonful of butter melting on top.

If you're a beginner and taking it easy, you'll change, for dinner, to slacks and Norwegian slippers. But once you've mastered your Christies passably well, dinner (of such delights as buffalo steak, fresh vegetables, tangy Canadian Oka cheese, coffee) and just the day's skiing won't be enough. Ski by floodlight on the practice slope just outside. A flying start out of the dark pines at the top, a knifed Christy into the brilliant floodlight, and down over the sheer dark drop onto the snow-clad lake—this is a thrill not to be forgotten.

**Or ski by bright moonlight** down into the little French Canadian village and stop in one of the frame "pubs"—Maison Blanche, Jacques, or what-you-will—for Canadian ale. Ale strong and dark, served in tall green quart bottles, accompanied by a crowd of laughing French Canadian skiers who gather there to sing. These boys and girls you will probably understand, if you remember your college French fairly well, for the well-to-do French Canadians who own the weekend cottages speak almost pure Parisian French. The folk songs which they have sung together for many years are among the best in any land. You may be slightly sur- (Continued on page 52)



Easy trails wind through the rolling Canadian country of snow and pines, lovely as a living Christmas card

GOODEVE



Snörekjöring, the new Laurentian sport, is more fun—and more exciting—than the Kentucky Derby

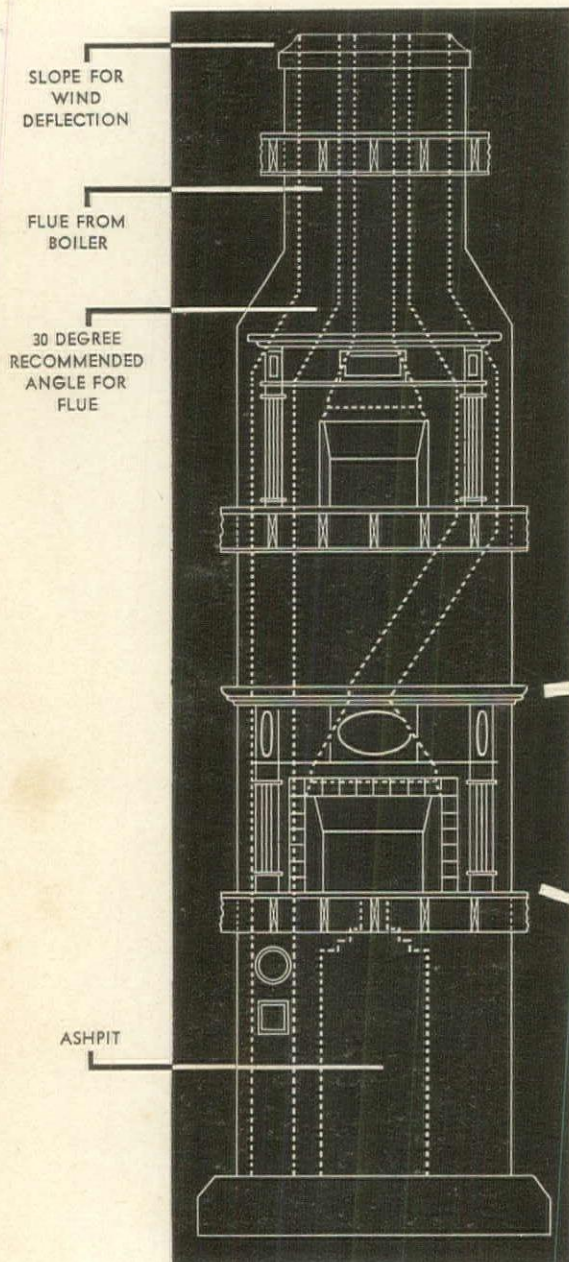


Step off the Laurentian ski train and onto your skis—you'll find fresh powder snow right at your doorstep



# Figuring for

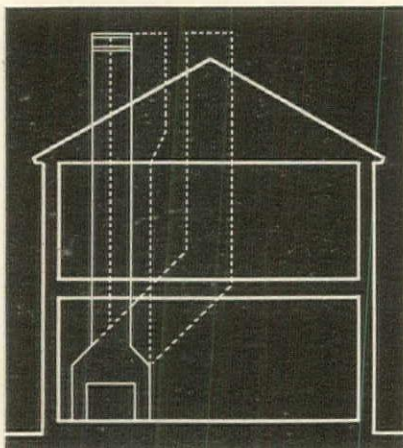
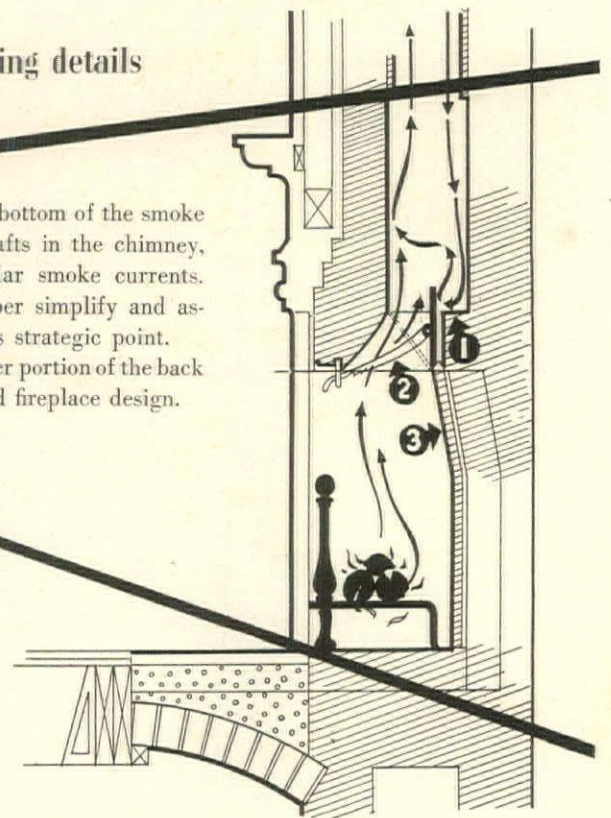
Good construction is based on tried and true proportion



THERE is always a certain finality to building a fireplace, for once it is finished the vital parts are hidden away by solid bricks and mortar. Real changes are impossible and tinkering seldom proves the remedy for a smoking grate. Because of this the chimney used to be entrusted to a special mason who was known to "have a way", and today we carefully follow proved proportions and details. Rules of proportion, developed by years of usage, dictate that the back wall of a fireplace shall be  $\frac{2}{3}$  the width of the fireplace opening. The fireplace depth shall be at least  $\frac{1}{2}$  the height of the opening, but it should not exceed 2'-0". The area of the flue shall be  $\frac{1}{10}$  to  $\frac{1}{12}$  the area of the fireplace opening and the smoke chamber, from the bottom of the flue to the smoke shelf, shall be the same height as fireplace opening. Such careful figuring assures a grate that draws.

Cross section showing details

1. The smoke shelf at the bottom of the smoke chamber stops down-drafts in the chimney, diverts them into regular smoke currents.
2. Metal throat and damper simplify and assure construction at this strategic point.
3. The inward slant of upper portion of the back wall is a "must" in good fireplace design.



Possibilities for "bending" a chimney to suit plans

IN MANY house-plans, locating a fireplace in the best position brings the chimney out at a bad angle to the roof or interferes with upstairs doors, windows. Such problems can be solved by "bending" or corbeling over as shown here. Dotted lines at the left show a narrow chimney corbelled to a broader width above the roof. The corbel angle is 30° and the projection should be no more than  $\frac{3}{8}$  the width of the chimney below. If absolutely necessary a chimney can be corbelled at a 45° angle, shown right, if properly braced with reinforced concrete or fireproof steel, from corbel down to foundation.



# fireplaces

## New recirculating units give increased heat and comfort

**N**OT all the legendary warmth and cheer of open fires can obscure the fact that a fire, by the very process of burning, must draw air up the chimney. This air drawn from other rooms, door and window openings causes a floor draft and the warm-in-front-cold-behind feelings we associate with the fireside.

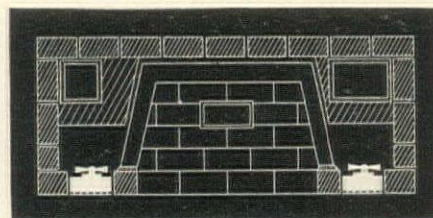
**To overcome uneven heating** engineers have designed recirculating fireplace units which give off convected warm air in addition to radiant heat. These double-walled metal units form heating chambers through which cold air is drawn and heated before recirculating in the room. The warm air currents mix with cold air being drawn in to produce more even room temperatures.

**To eliminate air exhaustion** and the resulting draft from a fire in a room, some recirculating units draw their cold air from outdoors, instead of from the room floor. In this way they supply the air needed for combustion as well as fresh air to be heated and circulated by the fireplace without drawing from room.

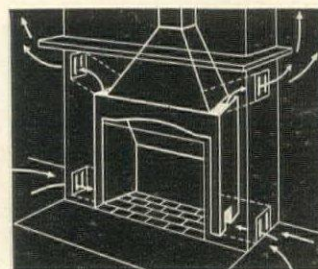
**Recirculating units** are actually complete fireplaces, correctly designed and proportioned from hearth to flue, including firebox, throat, damper, down-draft shelf and smoke chamber. The use of such a ready-built form eliminates the chances for guess-work.

**An adjacent room** may be duct-connected to receive the warm air from a recirculating unit. Such arrangements have many advantages in cabins depending entirely on fireplaces for heat.

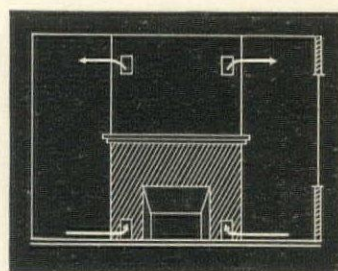
**Fireplaces can be rebuilt** around recirculating units if the present flue size is large enough for the unit, and chimney and mantel are such that an opening for unit can be made in chimney.



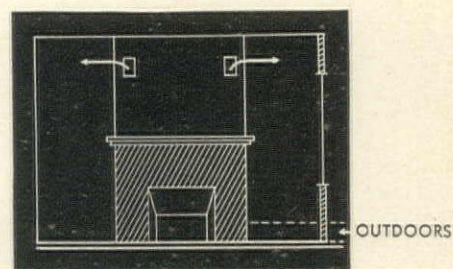
**Plan of recirculating unit** showing separate flues of furnace or fireplace on lower floor, placed in chimney corners, away from unit. Rock wool insulation, between unit and masonry, cushions expansion of hot unit. Intake grilles equipped with electric fans increase the flow of air



**X-ray drawing** showing modern recirculating unit as it is built into the chimney. Arrows indicate cold air being drawn from the room floor into the intake grilles, passing through the unit's heating chambers and coming out warm from top grilles to circulate around the room and back



**Simple diagram of inside intake unit.** It draws the cold air from the room floor as shown above. Position of grilles can be adapted to meet almost any decorative scheme



**Simple diagram of outdoor intake unit.** It draws air needed for combustion and fresh air to heat and circulate from outdoors, counteracting fire's natural draft action

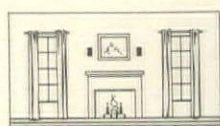
### How to get heat from a fireplace



**No fireplace, no problem** for these two Indians who use a fire's radiant heat to warm themselves but not to heat their houses. They don't even wonder about what goes up the flue



**Big fireplace draws well.** Draws what? Draws air, first from the room then cold air from cracks, openings. Owners huddle close, warm in front, cold behind. Big fire, big draft

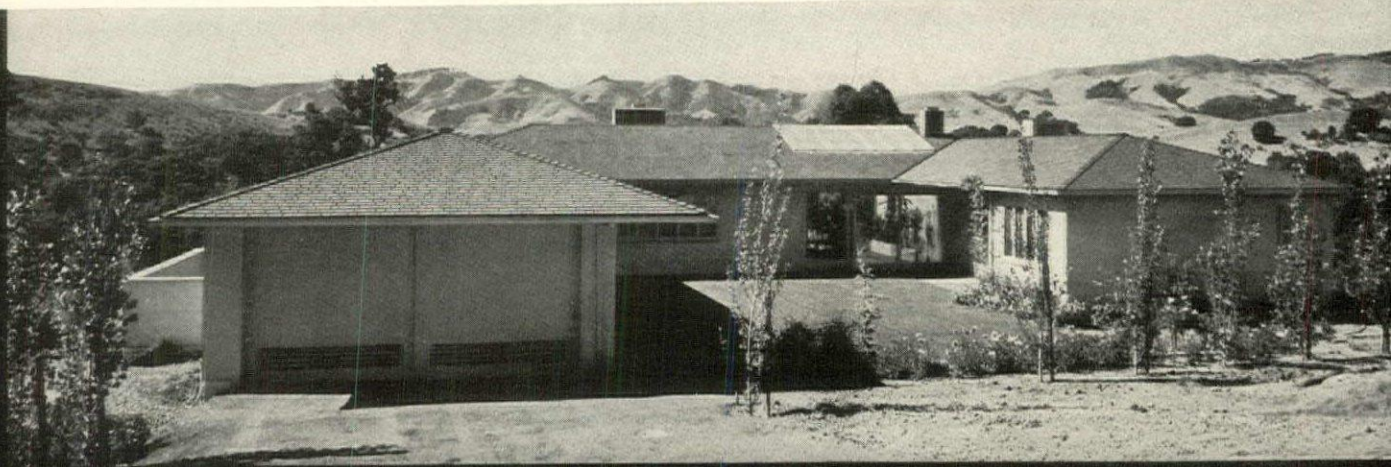


**Recirculating fireplace** produces warm air currents, thru wall grilles, as well as radiant heat. These currents warm up the air drawn in by the fire, making room comfortable



# House & Garden Presents the

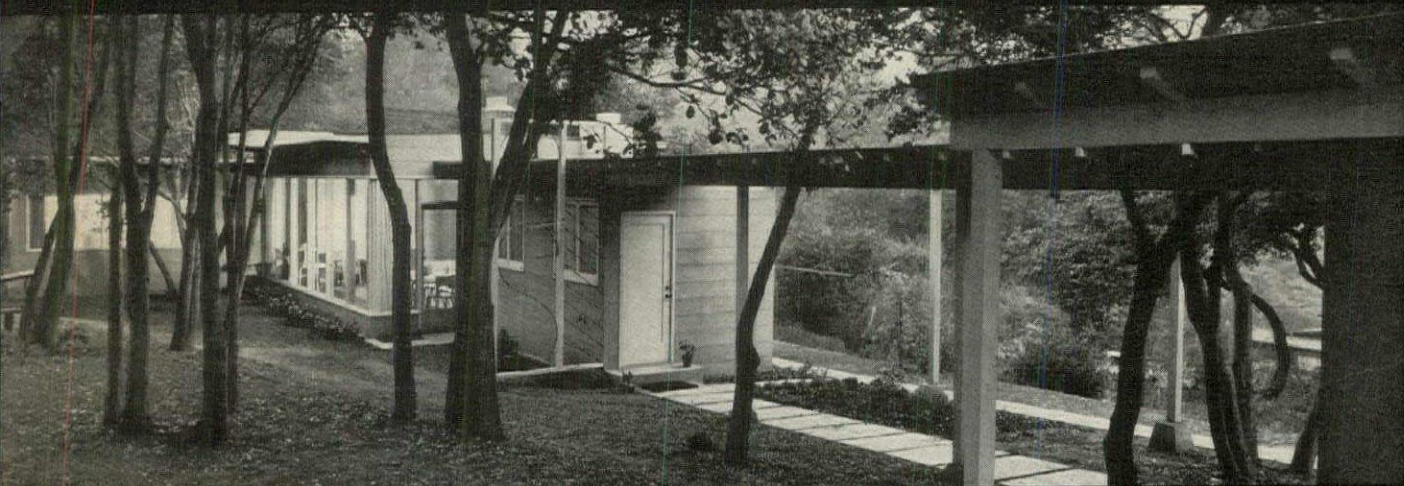
1st PRIZE  
CLASS I  
PAGE 26



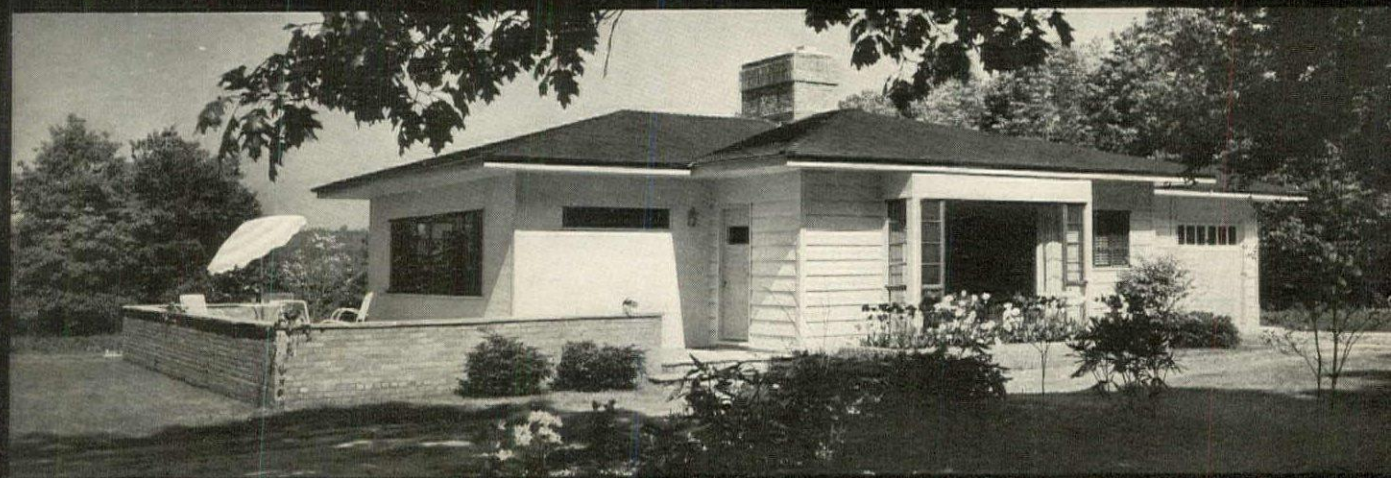
2nd PRIZE  
CLASS I  
PAGE 28



1st PRIZE  
CLASS II  
PAGE 32



2nd PRIZE  
CLASS II  
PAGE 34





# 940 Prize Winners

Reviewing homes published during 1940, our jury selected these for our Annual Awards

**E**ACH year HOUSE & GARDEN invites a group of eminent architects to pass judgment on the homes which we have shown in our pages during the previous year, and to award to the architects of the houses judged the best, certain cash prizes totaling over two thousand dollars. These prizes are known as the HOUSE & GARDEN Awards in Architecture.

**Two classes of houses** are created for purposes of judgment: Class I comprises houses of 7 to 10 rooms inclusive; Class II is composed of small homes having not more than six rooms. Two main prizes are awarded in each class, together with a number of Honorable Mentions, as listed at the right. This year the Jury voted an additional Special Prize to one house as a mark of extraordinary distinction.

**The Jury decided** that evidence of creative, progressive work in planning and design should be rewarded above work which tended to be simply an adaptation of excellent but oft-repeated traditional solutions. This policy did not exclude traditional design from the list of prize winners, but certainly placed emphasis upon the imaginative, independent approach to residential architecture.

Certain important facts emerged, as the Jury reached the end of its deliberations. Most significant of these was that the smaller homes most often produced distinguished, creative work. The conclusion seems inescapable that the need of a closely budgeted couple to get the most out of their building dollar creates an atmosphere conducive of sound, progressive architectural design. The small-home builder cannot afford thoughtless conformity to any traditional pattern, unless it fits perfectly; hence, if he is wise, he allows his architect to develop a solution which is composed of the essential elements accurately arranged to fit the owner's special needs. This is, at least, an excellent beginning; and there is no reason why those people who are able to afford a more elaborate home should not profit by such an example, if they choose.

Climate was another factor which exerted an obvious and interesting effect upon the design of the homes examined. It appeared that architects working in the equable climates of California or the South were inspired to work rather more freely and to arrive at less obvious solutions than their fellows in (Continued on page 55)



THE JURY ARGUES the respective merits of some of the more closely-matched entries. From left to right: Architects Cameron Clark, Richard Bennett and Don Hatch

## The Prize Winners

### FIRST PRIZE, CLASS I

Manor residence; Contra Costa, Cal.  
Clarence W. W. Mayhew, architect

### SECOND PRIZE, CLASS I

Quinn residence; Hobe Sound, Fla.  
Phelps Barnum, architect

### SPECIAL PRIZE, CLASS I

Bereman residence; Palm Beach, Fla.  
Treanor & Fatio, architects

### FIRST PRIZE, CLASS II

Cole residence; Oakland, Cal.  
John Ekin Dinwiddie, architect

### SECOND PRIZE, CLASS II

Tichy residence; Stamford, Conn.  
Lester C. Tichy, architect

## Honorable Mentions

PRINDLE RESIDENCE; Darien, Conn.

Will Rice Amon, architect

STRONG RESIDENCE; Scarsdale, N. Y.

Benson Eschenbach, architect

LUCAS RESIDENCE; Orinda, Cal.

F. L. R. Confer, architect

PATTEN RESIDENCE; Vancouver, Wash.

Glenn Stanton, architect

McINTOSH RESIDENCE; Los Angeles, Cal.

Richard J. Neutra, architect

FOSTER RESIDENCE; Hinsdale, Ill.

Schweikher and Lamb, assoc. arch'ts.



Special Prize  
CLASS I

PAGE 30



1st PRIZE  
CLASS I

# Planned for a garden site

Clarence W. W. Mayhew designed the California home of Mr. and Mrs. Harold V. Manor

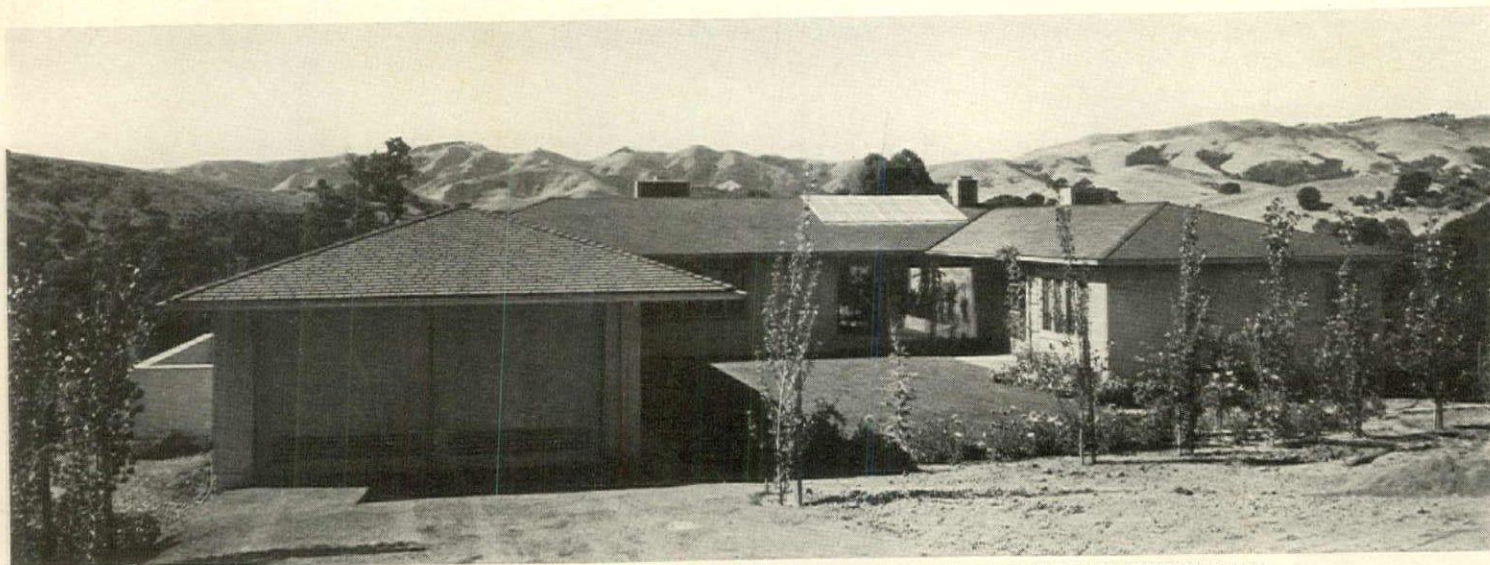
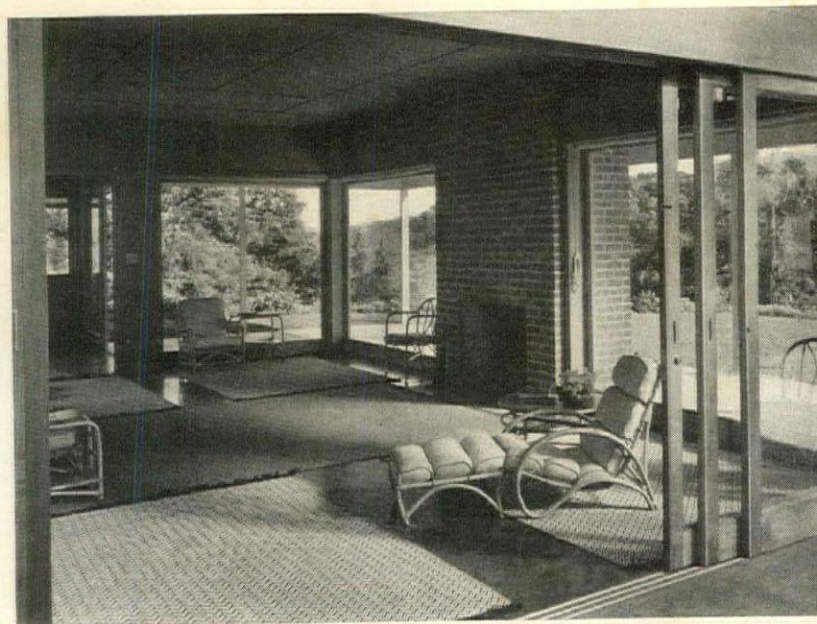
**P**ROGRESS in architectural design necessarily involves change. The modern American architect who departs from the safe, well-worn paths of traditional design does so in an effort to create an environment better fitted to the needs and the tempo of modern living. The limitations imposed upon his design derive entirely from the particular and individual problems presented, without reference to any traditional forms or patterns.

In awarding a first prize to Mr. Mayhew the Jury expressed the feeling that he had been signally successful in creating a design which would function admirably and which appeared to be as satisfying from an esthetic standpoint as it was from the point of view of utility and economy.



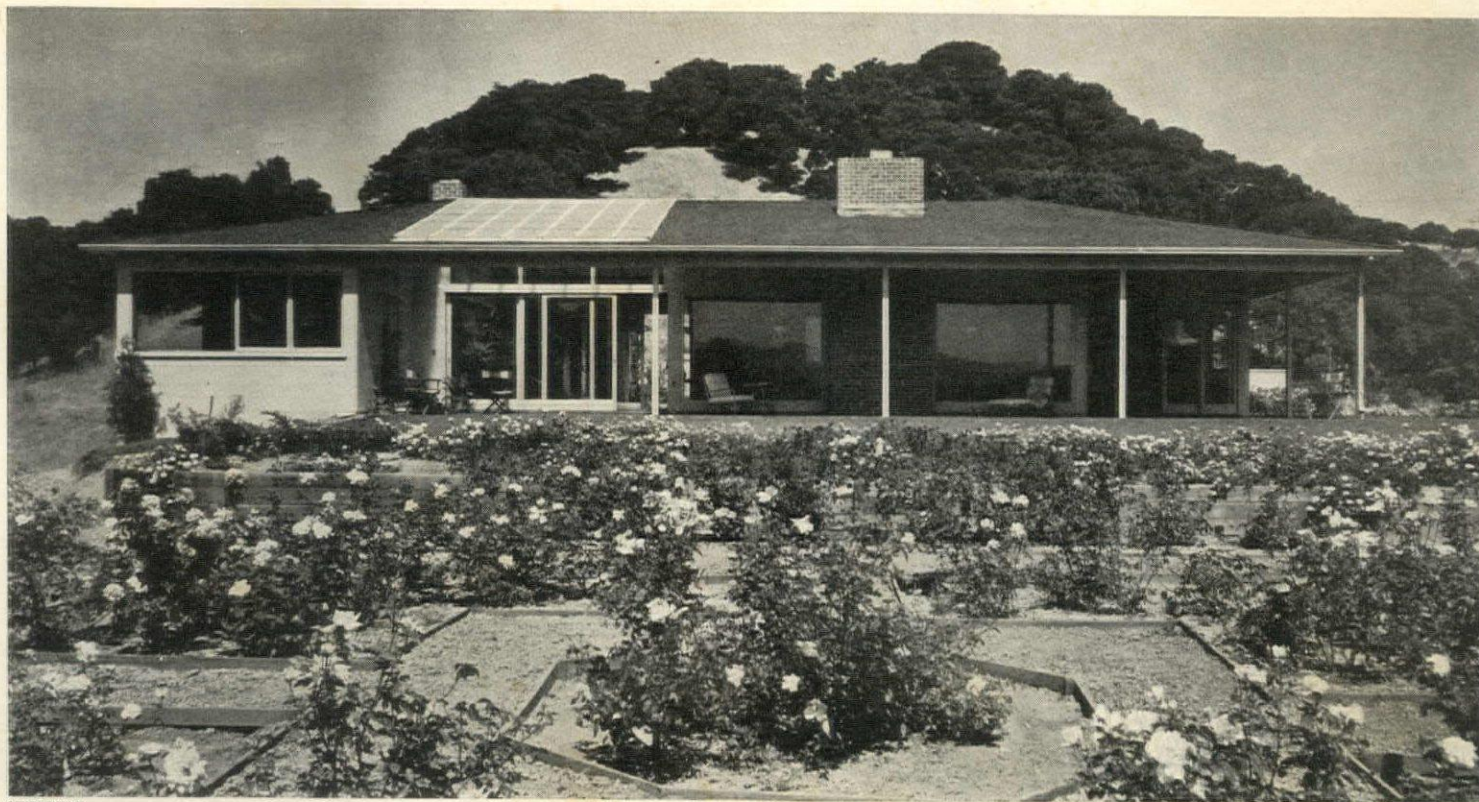
**Walls of glass** (above) make of this home a sheltered, comfortable place from which to enjoy broad vistas of the out-of-doors in any weather and at any time of day

**Like Oriental screens** (right) the heavy plate glass sections which separate the living room from the solarium slide easily in metal grooves to open up the wall



WITH ITS ROOF OF GLASS THE SOLARIUM SERVES THE DOUBLE FUNCTION OF CONSERVATORY AND ENTRANCE HALL



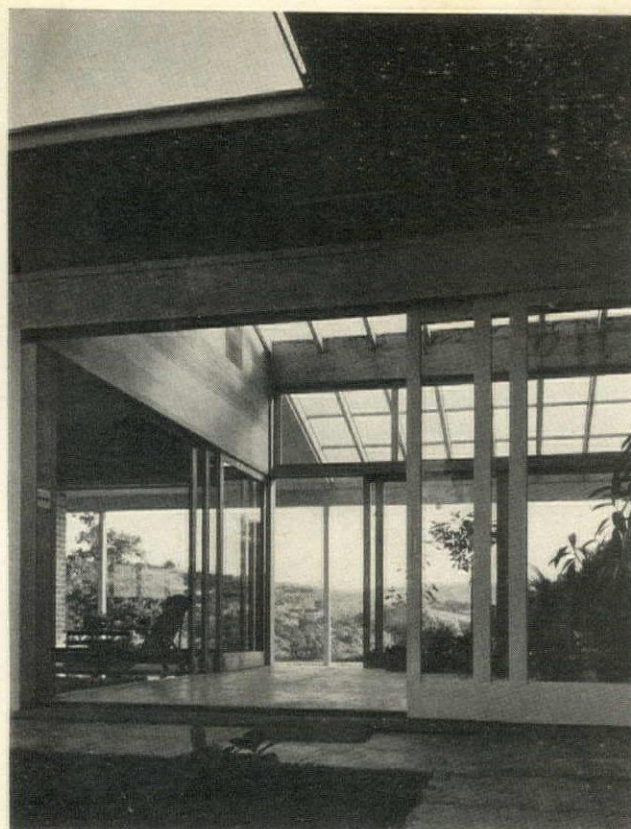


STURTEVANT

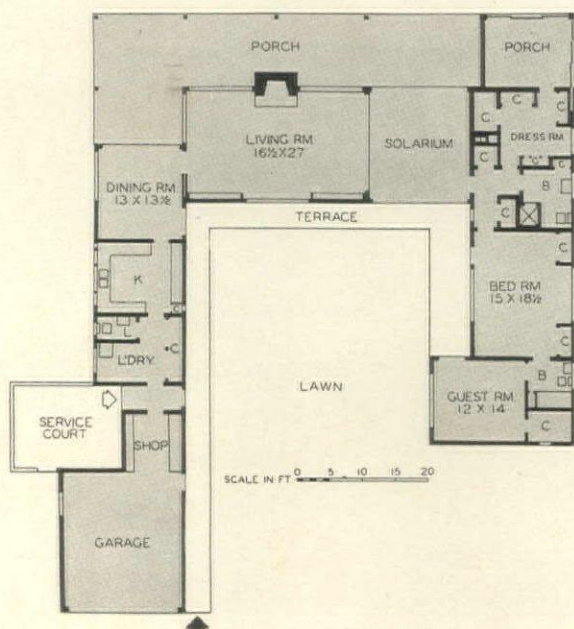
**Flowers come first** (above) in the Manors' scheme of living. The living room and the covered porch at the rear of the house overlook an extensive rose garden



**A barrier to the sun** (left), the projecting roof of the porch is accurately designed to screen the broad windows of the living room from the heat and glare



**An easy transition** (above) between indoors and out is provided by this flower-filled solarium which also serves as the main entrance hall of the Manors' house



**One room wide** (left), the plan is disposed around an entrance court providing maximum light and ventilation. Note combined dressing-room and sleeping porch



2nd PRIZE  
CLASS I

# Bermudian design in Florida

The home of Martin J. Quinn, Jr., in Hobe Sound,  
designed by Phelps Barnum, architect

**A**LTHOUGH this house was designed specifically to meet the requirements of Winter resort life in Florida, there is a charming universality in its design which suggests that it would be at home almost anywhere. The architect has garnered some details from Bermudian design and used them with happy effect, but much more important is the well-proportioned, simple and original composition of the house itself.

It is interesting to compare this plan with the one on page 33, noting the considerable similarity, but observing even more closely how the differences make each the best solution for its own particular problem. This, in essence, is good architectural design, and is why these houses were selected for honors by our Jury. A good home is one designed to do its own job well.



**The center of living** (above), as in many Florida homes, is the loggia, which, in this instance, overlooks a walled patio and connects the living room with the bedroom wing

**Cold days are rare** in Florida but when they do occur a fireplace (left) is more than welcome. The living room has a tray ceiling, is entirely paneled in pecky cypress



THE ENTRANCE APPROACH TO THE QUINN HOME HAS A WELCOMING AIR

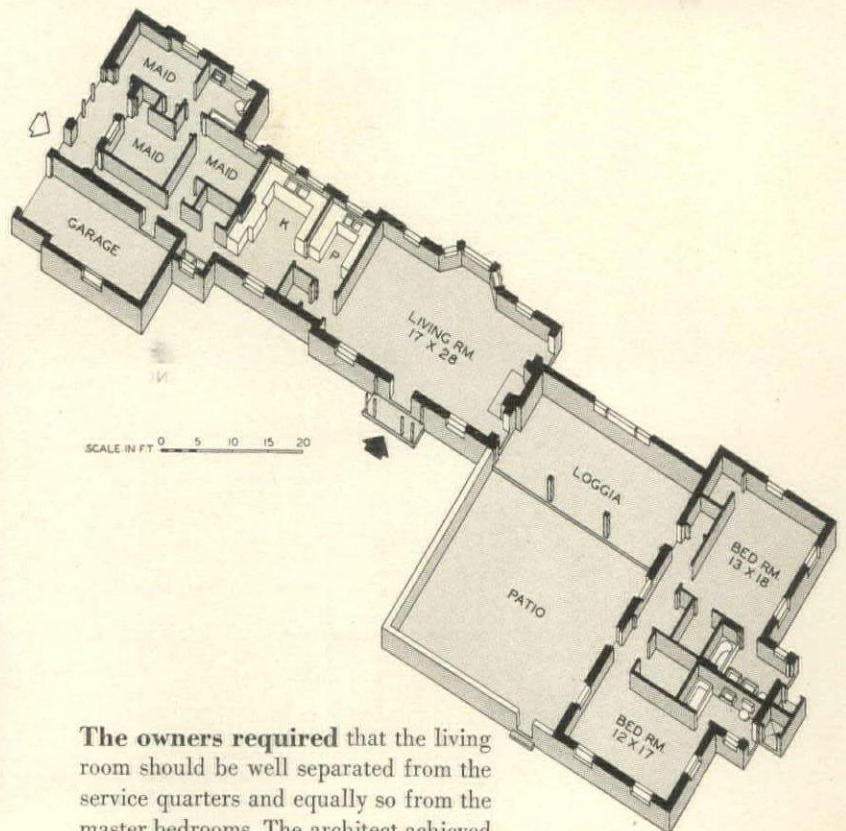




From the Crown Colony of Bermuda, with something added from the Colonial architecture of our mainland, comes the inspiration for this delightful home. The walls are white cement stucco and the roof is white lime and lime cement. For contrast the shutters are green and the trim is weathered gray. Note the complete simplicity of the detail throughout



Showers for bathers occupy the little projection shown beneath the fanciful gable above. This unusual but useful feature is shown at the extreme right of our isometric plan



The owners required that the living room should be well separated from the service quarters and equally so from the master bedrooms. The architect achieved this by interposing in the first instance a butler's pantry and kitchen, and in the second, the enclosed loggia and the patio



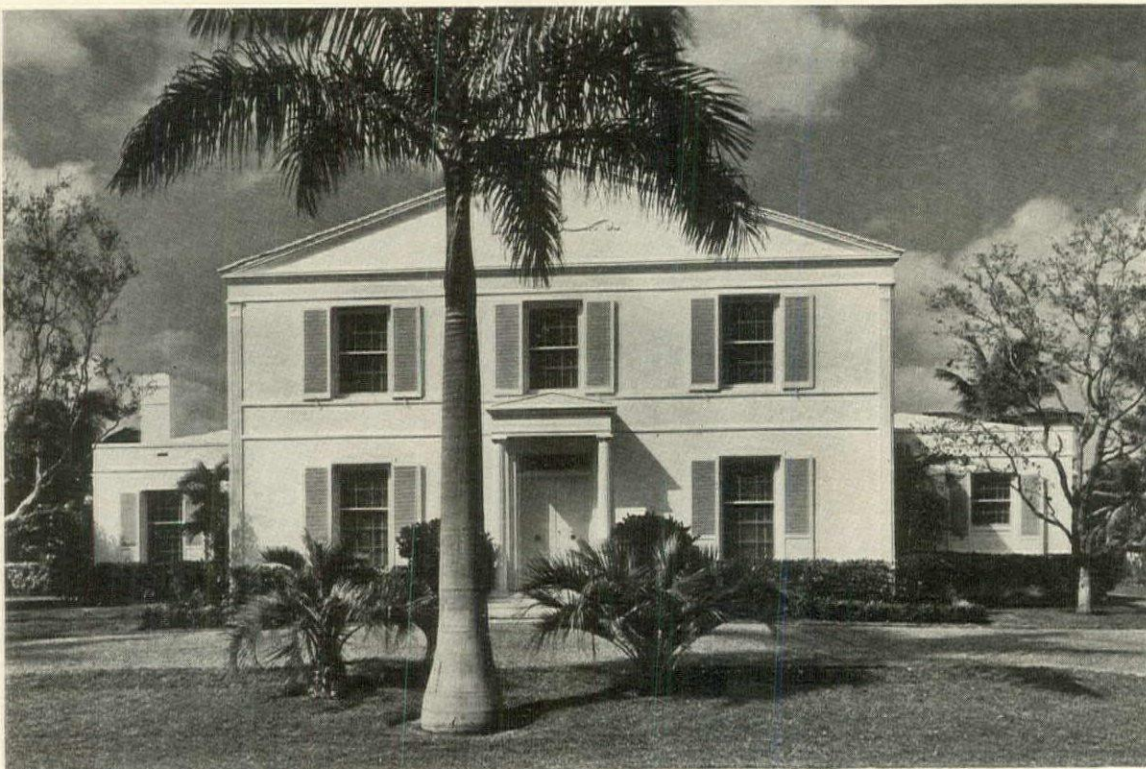
## Special Prize CLASS I

# Classic balanced composition

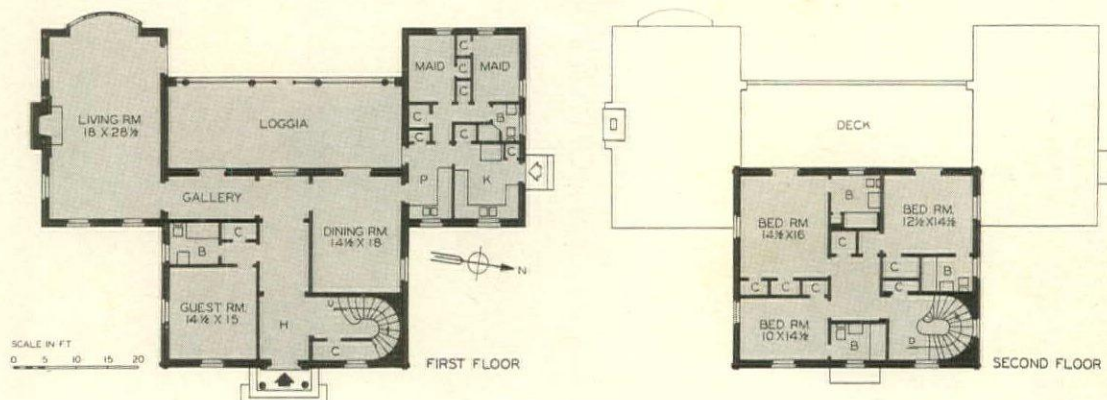
The Palm beach home of Mr. & Mrs. James H. Bereman,  
designed by Treanor & Fatio, architects

THE ageless elegance of classic architecture, simple and unadorned, attaches to the design of this Winter home in Florida. The repose inherent in symmetry, the carefully studied arrangement of masses and details, voids and solids, result in a composition which has dignity and beauty. The architects have been able to avoid the severity which might follow such rigid economy of line, and to endow the Bereman home with a charming atmosphere of hospitality. The plan, shown below

on this page, obviously results from the solution of the rather special problems involved in designing a home for a resort community. Part of the Jury felt that a rather exorbitant amount of space had been assigned to circulation—halls, stairs and gallery—while another part defended this as creating a desirable feeling of spaciousness; it was also suggested that the symmetrical façade gave a false impression of the plan, leading one to expect a room where, in fact, the stairs are placed.



THE ENTRANCE FAÇADE IS COOL, INVITING UNDER THE FLORIDA SUN



The Southern tradition is clearly discernible in the plan. As one enters the house, a broad hall—unencumbered by stairs, which are placed

to one side—extends through to the loggia and the grounds beyond. Note the convenient arrangement of rooms in relation to each other





GOTTSCHO

## REFINEMENT OF PERFECTION

The entrance of Mr. and Mrs. Bereman's Palm Beach home is in the great tradition of other classic doorways which HOUSE & GARDEN has shown in its surveys of the historic regional architecture of America. Modern in its simplicity, classic in its proportions, it has unusual individuality and distinction



1st PRIZE  
CLASS II

# Emphasis on practicality

The Frazer M. Cole house in Oakland, Calif., designed by  
J. E. Dinwiddie; Albert Hill, Philip Joseph, associates

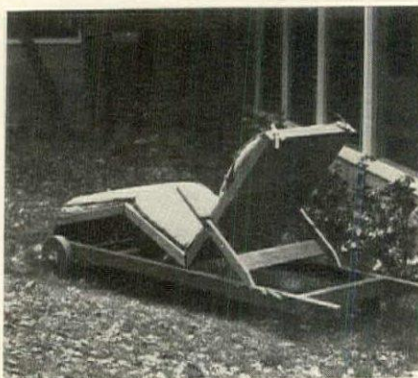
**T**HE term "functional" is often applied to modern architecture. Probably too often. But in designing a really small home, with an eye to rigid economy, it is essential that every square foot should indeed function so as to justify its cost. By means of originality and invention, architect Dinwiddie and his associates have succeeded where they might well have failed if they had been confined to more traditional solutions.

The lack of needless partitions opens up this plan; the large windows bring the spaciousness of outdoors in. But a little study will show that this house is designed with extraordinary care primarily to deliver the greatest possible comfort and pleasure for the least effort and expense.



**The combined living-dining room** is designed with unusual skill. The front entry (at left), the dining room and the living room each has its own area, yet no real separation exists

**The personal element** is important in this house. Mr. Cole makes some of his own furniture in the workshop shown at far right. The comfortable chair shown at the right is an example of Mr. Cole's craftsmanship

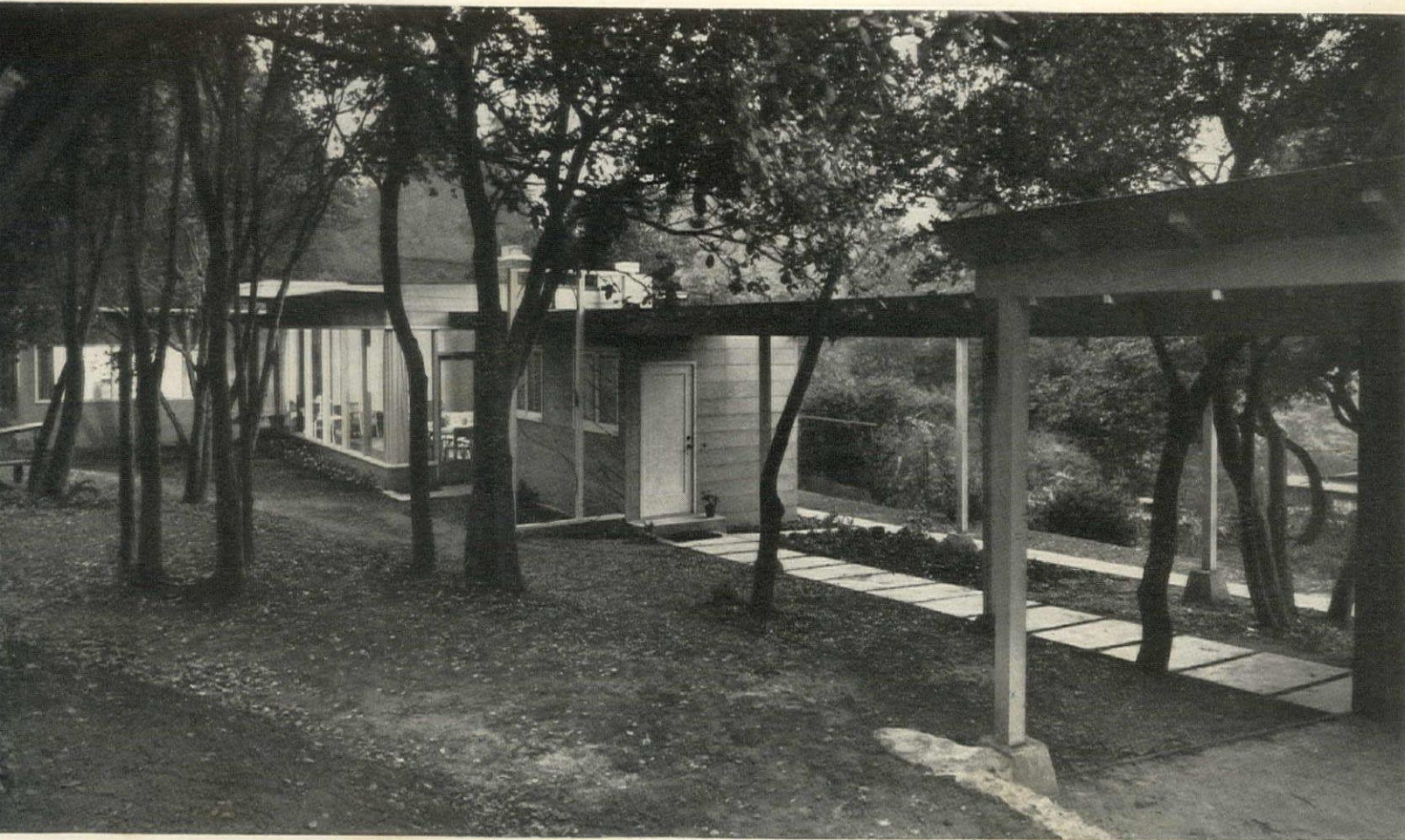


**A reeded glass screen** shields the dining section from the entry. Our picture was taken through the plate glass window from the grass terrace. Note the Finnish chairs and table



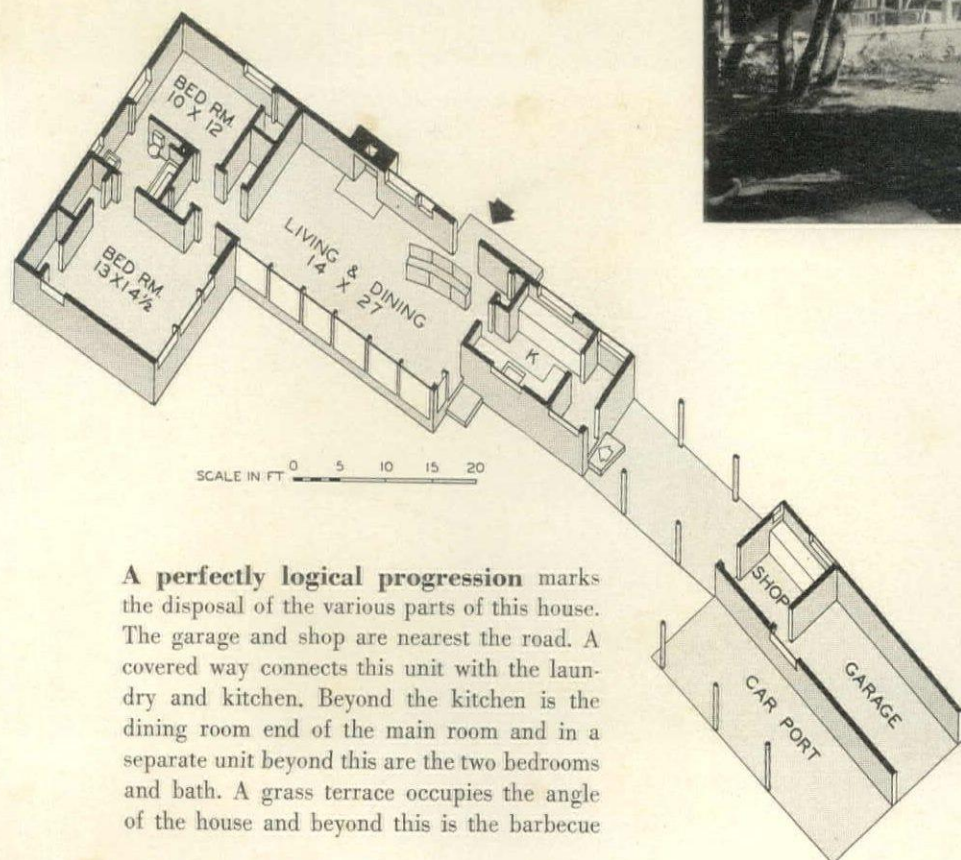
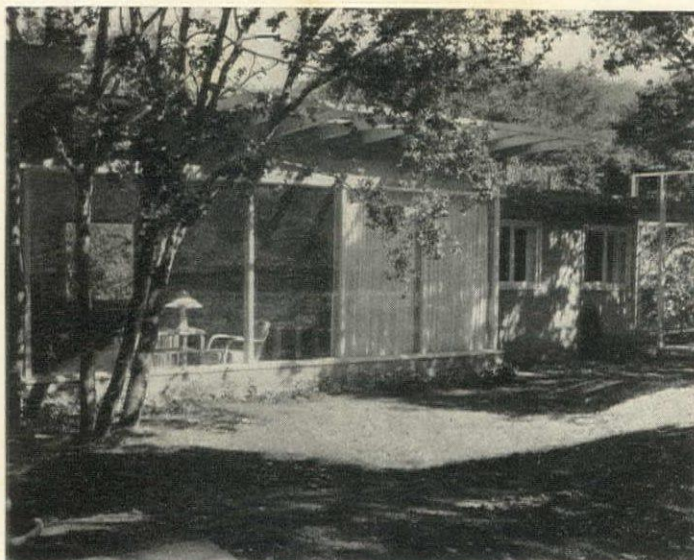
**THE SHOP IS EQUIPPED FOR EXPERT WOOD-WORKING**



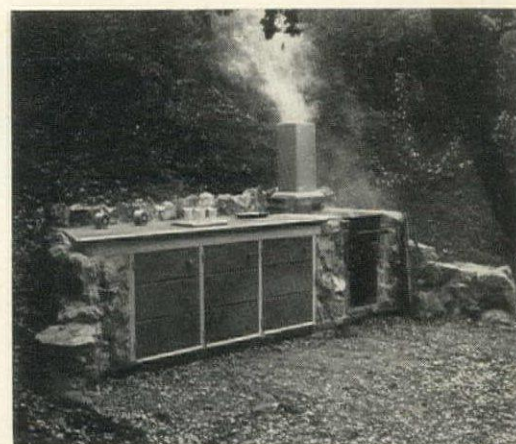


Less than \$6,000, including the architect's fee, was the price of this house. Even allowing for the generally lower cost of a California home compared with, say, one in the Northeast, this speaks well for the economy and practicality of this type of house. Compare this photograph with the isometric plan below

The continuous glass area (right) of the living room wall brings to this little house a sense of spaciousness and the light and shadow of a grove of trees



A perfectly logical progression marks the disposal of the various parts of this house. The garage and shop are nearest the road. A covered way connects this unit with the laundry and kitchen. Beyond the kitchen is the dining room end of the main room and in a separate unit beyond this are the two bedrooms and bath. A grass terrace occupies the angle of the house and beyond this is the barbecue



THE BARBECUE FEATURES GENEROUS STORAGE SPACE



2nd PRIZE  
CLASS II

# An architect designs his own

Lester C. Tichy planned this house at Stamford, Conn., for himself and his wife

**I**N commenting upon, or judging, a house designed by an architect for his own use one tends to be, perhaps unjustly, more strict in the application of critical standards. But the judges were won by the potential ability of this quite untraditional design to fit into a traditional community. Large areas of glass are used with dramatic effect, but with a realization of Winter heating costs. And the wide overhang which shades these windows from the hot Summer sun is calculated so carefully that the Winter sun can send its warmth right into the center of the house and thus pare down the fuel bill.

BAKER



"Chipper" is the only one here not a graduate in architecture. But Mrs. Tichy makes no claim to credit for the house

STOLLER



For evenings at home this fireplace corner has everything—deeply upholstered chairs and sofas, books, a concealed radio below the shelves, and logs stored in a cupboard by the fire



Pre-planned, the landscaping was designed at the same time as the house, will be planted bit by bit in years to come



By day, a dining room wall of glass is the dramatic center of an otherwise unpretentious exterior. That the house still achieves traditional charm is due to the simple massing of the elevations and the traditional textures found in roof and walls



BAKER



**Ordering supplies** is easy for Mrs. Tichy, seated at a desk with a telephone in one corner of the kitchen

STOLLER



**A space-saving convenience** is this dressing closet fitted with a mirror and shelves (right) at one end of the master bedroom. At the other end (left) Mrs. Tichy has a dressing table recessed between two closets



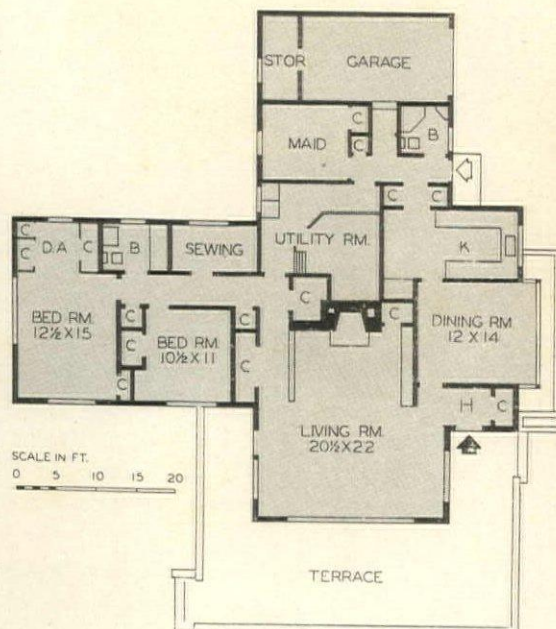
**Inside the glass wall**, a Finnish birch table is set with Danish silver, yellow American china. In Spring the border just outside will become a window box gay with tall tulips



**Laminated wood chairs** furnish this part of the living room. At night rose-colored floor-to-ceiling curtains (in the corner) cover the two window walls, transform the room's appearance



**By night** (from the same viewpoint as the picture opposite), it is clear that window shapes and sizes have been chosen to fit each room's particular needs rather than a preconceived façade design



**Well-proportioned rooms, well lighted**, are characteristic of the Tichys' house. A cross-shaped plan is chiefly responsible for this result



# MAPLE-LEAF MENUS

Heart-warming recipes of our Canadian neighbors,  
five-star features for Winter tables "below the border"

BY JEAN FREEMAN

CANADA, they tell us ignorant outlanders from the United States, is a blend of French and English and Scotch. What they forget to mention is that Canadians—French or English—are Canadians, first, last and always. They've been here on this "new" continent as long as any of us and longer than many of us. They "think North American" as we do. They "eat North American"—as we do. You'll find menus from Alberta to Quebec listing such typical Americanisms as pumpkin pie, Maryland fried chicken and fried ham and eggs!

But the sum total of Canadian food contains many a new delicacy for tables "below the border". Famed Gaspé salmon, for instance, lean Canadian bacon; delicious, mild Oka cheese and thick, pale, fragrant honey, both the last made by the Canadian Trappist monks. All these you can find in stores here. Something you can't (but please enjoy it on your Canadian vacation) is buffalo steak—which, surprisingly, is tender, fine-grained and gamey in flavor.

The best recipes stem, as might be expected, from English, Scotch and French kitchens. Canada's a cold country, remember, and its people live the hardy, simple, outdoor life which craves hot buttered rum, tasty meat pies and thick peasant soups rather than the finer Gallicisms of crêpes suzettes, clear consommés or guinea hen sous cloche.

Foremost in the English group is Canadian meat pie, a savory, heart-warming concoction if ever there was one; as totally different from our tea-room "chicken-pot-pie" as black from white. Because I thought that we in the United States have been ignoring what might be a grand substitute for the ubiquitous baked beans at Sunday night supper, I am giving you three Canadian meat pie variations.

**Beefsteak pie.** Cut 1½ lbs. lean beef into one-inch cubes. Mix thoroughly ½ tablespoon paprika, 1 teaspoon salt, 1 tablespoon flour and pepper to taste. Heat 2 tablespoons shortening in a deep iron skillet, add the meat and 1 cup of chopped onion, and braise slowly until the meat is brown and the fat clear. Drain off the fat and keep it for making the gravy. Add 1 cup diced carrot, ½ cup tomato paste and a bouquet of 2 stalks celery, 2 sprigs parsley, a pinch of thyme and 1 bay leaf, and add just enough water to cover.

Simmer gently over a low flame until the meat is tender, adding additional water if necessary. Remove the bouquet, strain off the stock, retaining sufficient liquid to make the gravy. Make a paste of the fat mixed with flour, moisten with the stock and cook until smooth, stirring constantly. Add more salt if required.

Cover the bottom of an oven-proof baking dish with the meat and the sediment from the bottom of the pan in which the meat was cooked. Pour over the gravy. Roll out enough tea biscuit dough (recipe below) to fit the top of the baking dish, cover and bake in a hot oven until the crust is a delicate brown. Serve hot. Make it with veal as a variation, and slice it cold the next day.

**Tea biscuit dough.** Mix and sift together 2 cups flour, 4 teaspoons baking powder and ½ teaspoon salt. Cut in 4 tablespoons shortening with a silver knife, and add 1 cup milk. Roll to desired thickness on a floured board, place over baking dish and trim to fit.

A huge bowl of green salad dressed rather sharply, and foamy brown Canadian ale in pewter mugs, ought by rights to accompany this pie.

**Old English pork pie** is a friendly dish, too. Evoking memories of snug Laurentian inns with great log fires, it should unquestionably be eaten on a crisp day. I can't quite imagine pork pie as suitable fare for a penthouse luncheon, but it certainly tastes wonderful if you have spent the morning skiing in the snow-cold hills of Quebec or Vermont.

To make it, cut roast pork in sizable cubes, line a buttered baking dish with pastry and fill it alternately with layers of pork and sliced tart apples. Sugar, nutmeg and cloves must be sprinkled lightly over each layer, pork gravy added for moistening, and a cover of pastry for protection. All this should be baked in a moderate oven, allowing ample time for the apples to become tender and for the crust to get a glorious suntan.

**Shepherd's pie** completes the trio, and forms a fine solution for consuming the remains of a lamb or roast of beef which threaten to become almost immortal. Mince the cold meat finely, season to taste, and moisten with gravy or soup stock and the juice of a grated onion. Fill a buttered baking dish two-thirds full of meat, and cover with a crust of fresh, highly seasoned mashed potatoes, beaten light with the assistance of an egg. Bake in a slow oven until the potato crust is puffed up and slightly brown. A rich tomato sauce may be served on the side.

Of course no true son of Albion, or of Ontario either, considers roast beef complete without an attendant Yorkshire pudding. Like our own Southern spoon-bread, it can either be a nightmare or a gastronomical dream. Everything depends upon the ingredients and upon the freshness of the pudding itself. And then, a true Yorkshire pudding need not only serve as lady-in-waiting to beef; it's equally palatable with any meat requiring an understudy for potatoes, provided, of course, that it is well cooked and so light in texture as almost to rival a soufflé. Warning! Directions must be followed with almost fanatical precision, and even then your cook should have just a touch of genius!

**Yorkshire pudding.** Sift together 1 cup all-purpose flour, a pinch of baking powder and ¼ teaspoon salt; add gradually ½ cup milk and mix until very smooth. Beat 2 eggs until light and foamy, add to the other ingredients, with ¼ cup beef drippings, and continue beating for about five minutes. Stand aside to settle for half an hour.

Grease a 9" x 13" baking tin and heat in oven until smoking. Remove tin from hot (Continued on page 47)



# LAUNDRY LINE-UP

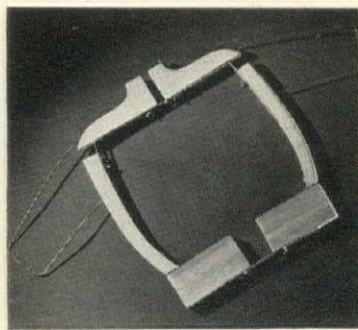
Here are good accessories for taking care of light or family laundry



**Portable Whirldry washer** for baby's daily laundry. Washes, rinses, damp-dries 2½ lbs. in 15 min. \$39.75. Lewis & Conger



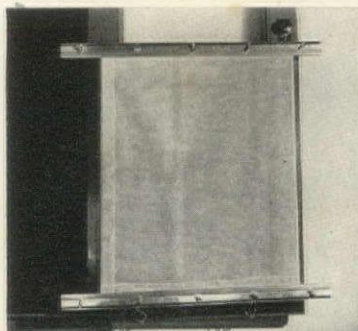
**Ruby light** in handle signals "ready" for fabric dialed on indicator of General Electric's new 3-lb. iron. \$8.95. Altman



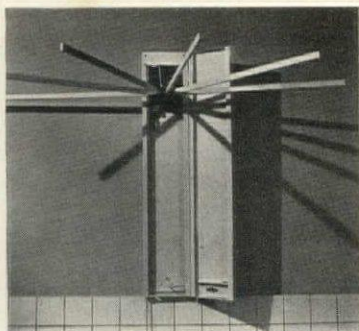
**Wooden sweater dryer** adjustable to any size. Removable short- and long-sleeve wires. \$2.50. Hammacher Schlemmer



**"Iron-that-Wags-its-Tail"** by Manning Bowman has exclusive swivel cord that's tangle-proof. \$9.95. Lewis & Conger



**Curtain stretching** made easy with Universal's new device. Does 6 at a time. Hangs on door or line. \$3.95; Gimbel



**Folding fan-type dryer**, particularly good where space is limited. Easy to install. White or ivory enamel. \$3.76. Macy



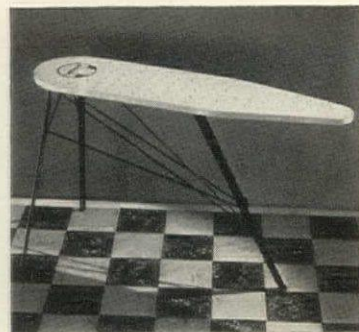
**For lingerie:** Saturn Reel. 98¢. Plastic Klipit clothespins, 24¢ doz. Macy. Jalma for fabrics, \$1. From Lewis & Conger



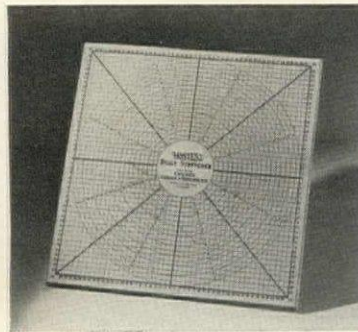
**Folding backsaver cart** rolls wash from house to line with ease. Has side pockets for clothespins. Costs \$1.41. Macy



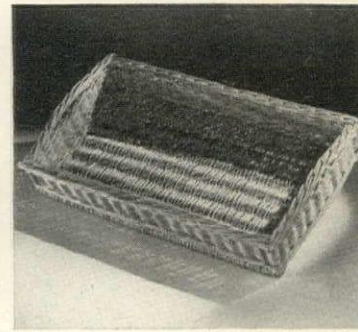
**Two-purpose** Steam-o-matic iron. Use steam for woolens, rayons; dry for linens, cottons. \$12.95. Hammacher Schlemmer



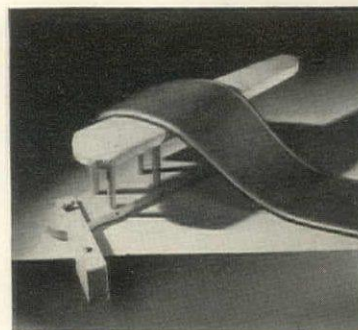
**For cooler ironing:** Ventilated Met-L-Top Table permits steam to escape downward. \$5.95. From Lewis & Conger



**Doily stretcher** marked off to keep your doilies in shape—round, square or oblong. No ironing. \$1.29 with pins. Macy



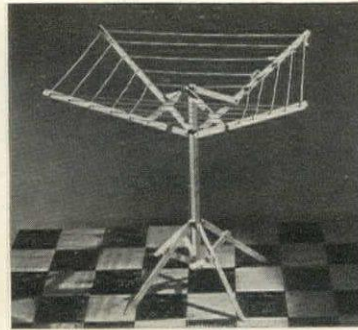
**Wicker tray** for carrying clean linen, men's shirts, etc., from laundry to closets, etc. \$5.95. Hammacher Schlemmer



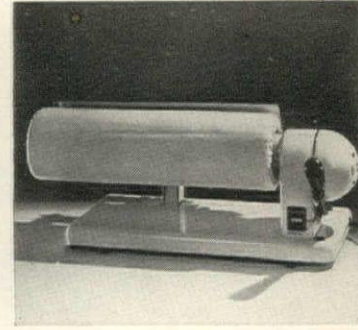
**Adjustable sleeve board** can be attached to table. 79¢. Velvet board for pressing pile fabrics, \$3.96. Both from Macy



**Dry without shrinking.** Wooden glove stretchers, \$5.95. Lewis & Conger. Sock dryers, 95¢. Hammacher Schlemmer



**Miniature indoor dryer** patterned after the large outdoor type. Folds up for compact storage. Costs \$1.79 at Macy's

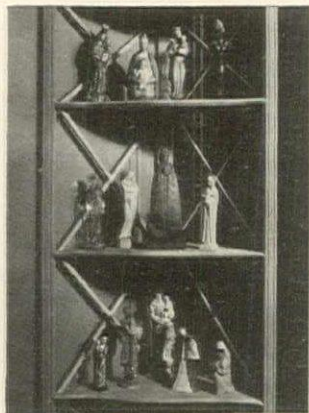


**Portable electric ironer** by Universal saves time, labor. Roll 18" long, \$18.75. With foot control pedal, \$27.95 at Macy's



# Loot for jackdaws

Paperweights or penny banks—your collection elects you to the jackdaw fraternity



**Madonnas of every size**—Author Marjorie Hillis collects them in a corner cabinet



**Tom Thumb table silver** stays decorative and dust-free in this glass-topped hobby table; Altman's Beacon Hill group



**Glass doorknobs, paperweights** of decorator James Pendleton. Two-tier curio table, by Imperial; at Hathaway

**A Chinese lacquer secretary** (right) in green and gold holds bibelots of Mr. and Mrs. John Livermore



**African native sculpture** over the doorway silhouetted against walls of Mrs. Charles Wheeler's home, Pebble Beach, California

**Y**EARs ago in his *Ingoldsbys Legends*, Richard H. Barnham included "The Jackdaw of Rheims", a succession of amusing rhymes about the bird that "prigged" the Lord Cardinal's ring for his nest. The bird's crime evidently was heinous, for the Cardinal cursed him thoroughly "from the sole of his foot to the crown of his head." But when the ring was finally discovered in the nest and was restored once more to the finger of the Lord Cardinal, Jackdaw did such penance for his prank that the conclave canonized him "Jim Crow".

It was a jolly jingle, was Barnham's, and as children we used to recite it, little thinking that the time would come when we, too, would be jackdaws.

For that is what all collectors are. Some are jackdaws of Rheims and collect things of great value; others are just common, secular, lay jackdaws. Of the two we prefer to be the common sort. We never repent our folly and we'll never be canonized. We enjoy our pilferings. They make our nest lovelier and more amusing to live in.

The jackdaw can as soon change his habits as a leopard its spots. The collector born will collect to his dying day. And he will fill his house with the plunder and bore his friends to distraction telling when and how these pieces were acquired. Apart from the fun one gets in (Continued on page 53)





**Antique mahogany furniture** and a fine collection of old Lowestoft and Rockingham plates were the twin keynotes of this country living room. Walls, chintz, floor are a soft gray-blue; by W. Pahlmann at Lord & Taylor

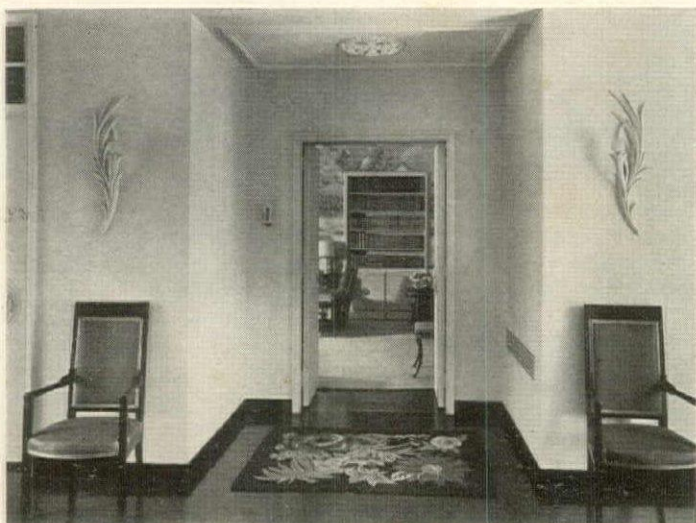


**Miniature pictures** (above) grouped symmetrically above an early console table in the Dallas residence of Dr. Charles W. Flynn



**Sunshine through glass**—Mr. and Mrs. Stanley Resor's collection, rich in shape and color, is displayed against the windows of their Connecticut home. Glass inner doors, quite inconspicuous, ward off dust





### Regency entrance hall

ABOVE: Simple planes of color, pet device of the Regency stylists, dominate the hallway. White walls act as counterpoint to Regency chairs in blazing green satin. The carpet is sharply black, and clustered with giant roses, crimson and light pink

### Scenic-papered library

RIGHT: The modern Chinese wall-paper which keynotes the rather formal library seems at once both fresh and familiar. The reason: for its designs the artists used as models early prints of famous old cities in the States. Its soft coloring, leaf green and brown, is an effective contrast to built-in bookcases of bleached pine. Curtains and quilted upholstery are in tones of brown



### For dining: white and blue

RIGHT: Corner windows, installed when the house was remodelled, now permit a blaze of sunshine in which strong, definite colors look best. So curtains of clear blue-and-white were chosen, walls were painted white, a blue carpet laid down. The mahogany ladderback chairs seemed somber in this scheme—they, too, were coated white. Architect-decorator: Samuel A. Marx



# Traditional modern

Forms of the past, fabrics of today in the Glencoe, Illinois, home of the Robert F. Bensingers



# Neo-Classic modern

Antiques and rare materials  
dramatize the New York apartment of  
Mr. and Mrs. C. Eugene Stephenson



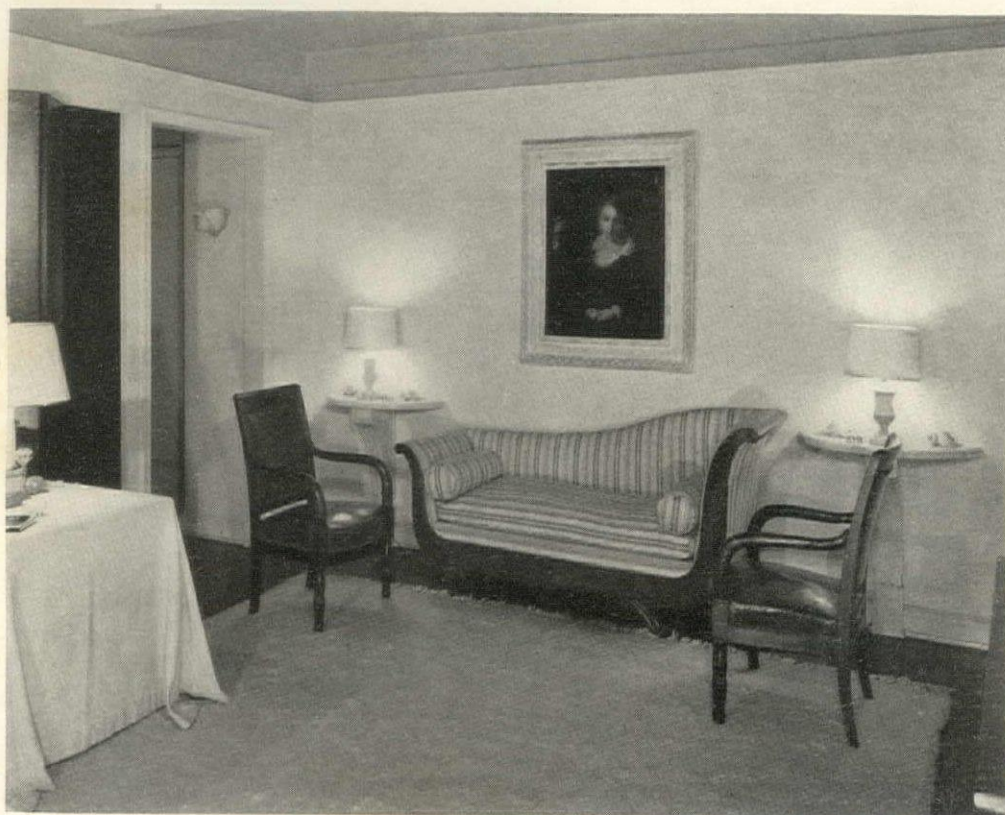
## Old woods against white

ABOVE: An Empire chest gleams before the white walls of the living-dining room shown in the three photographs on this page. The ceiling is chartreuse, the floor black linoleum under a shaggy white rug of Moroccan wool. Side chairs wear ocelot



## Emerald and tortoise

LEFT: Huge and comfortable is the modern couch in bright green wool standing at one end of the room. Before it, a white lacquer table with decorative shell collection showing through the lift-up glass top. Beside it, lacquer columns hold urn lamps made from antique altar balusters; their shades of simulated tortoiseshell match the tall paneled screen beyond the table



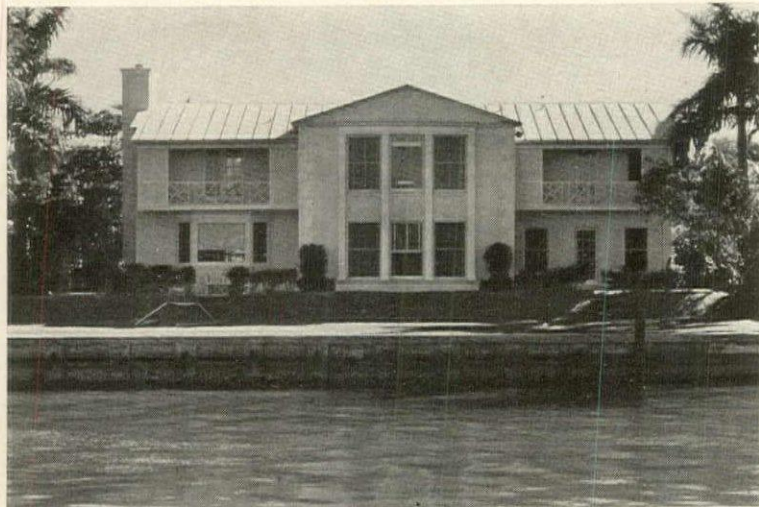
## Alabaster and stripes

LEFT: Antique satin striped in vermilion, chartreuse, green, covers the Empire sofa at the far end of the room. Flanking it, alabaster lamps stand on round lacquer tables. Above, an early 18th Century painting is framed in pickled pine rubbed with gold. The table, minus its skirt in antique white herringbone pattern, is used for dining. Mr. Stephenson was the decorator



# At home on Sunset Island

Modern Regency in Miami—Winter home of  
Mr. and Mrs. Stephen A. Lynch, Jr.



THE BACK LAWNS SLOPE DOWN TO THE WATER

**B**OUGAINVILLEA and palms, azure sky and sea provide a dazzling background of color for the spacious white house shown on these two pages. It is Regency in the classic simplicity of its style; deep overhanging balconies and louvers recall also the earlier dwellings of the Nassau sugar planters. Windows are wide and deep to catch the full sweep of tropic breezes and to make sunshine and the view of sky and water an integral part of the structure.

Inside, an effective modern-Baroque scheme has been evolved by William Pahlmann of Lord and Taylor with furniture designed especially for this setting. Colors are cool but never pale, accents varied and sophisticated—wrought iron, leather, mirror. Architects: Robert L. Weed, Edwin T. Reeder



An emerald ceiling looks both cool and sophisticated above the white-walled dining room. Its vivid green echoes in the satin chairs—and again in the border of the cream tile floor. The mod-

ern Baroque furniture is pickled walnut; the candelabrum on the sideboard, a rare one of *capo-di-monte* china. Concessions to the climate: louvered double doors leading into the hall, wide blinds





GOTTSCHO



**Jumbo screen of white patent leather** (above) laced to a gilt iron frame separates the living room from the service bar beyond. Dark walls contrast coolly with lime-green ceiling and floor of uncarpeted tiles. Tall cylinder lamps, scored in tropic pineapple motif, flank the tufted couch. Lavish touches—majolica and mirror—contradict the Spartan arrangement of neo-Classic furniture

**Curved walls, curved furniture** (left) in the living room; and for drama, a fourteen-foot bay window with a panoramic view of sea and sky. Ash-rose curtains blend with the grape-toned walls; kidney-shaped love seats and sofa rival the azure blue of the water. All furniture here and throughout the house was designed by William Pahlmann



# New heating units

A line-up of new, economical equipment designed for all kinds of fuel and embracing all types of heating systems as well as air-conditioning

ONLY a few years ago, the builder of a really small home comprising, say, five rooms and costing perhaps \$7,000 or less, had to make a comparatively precarious choice so far as the heating system for his house was concerned. Most of the new developments in the heating field were designed for the higher-priced market and were seldom available in models which offered efficiency and economy of operation for the small home. This situation no longer exists. The equipment shown on these two pages is all designed exclusively for the small-home field and brings to it every major advantage which can be found in the larger units designed for larger homes.

## 1 For use where gas is available as fuel

This gas-burning boiler is available in a wide range of sizes to fit even the very small home and for either hot water or steam systems. It is, of course, completely automatic in operation. In line with the modern practice of making the heating unit as attractive as possible in appearance, the jacket is finished in a neutral gray enamel. Manufactured by American Radiator and Standard Sanitary Corp.

## 2 A steel boiler especially designed for stokers

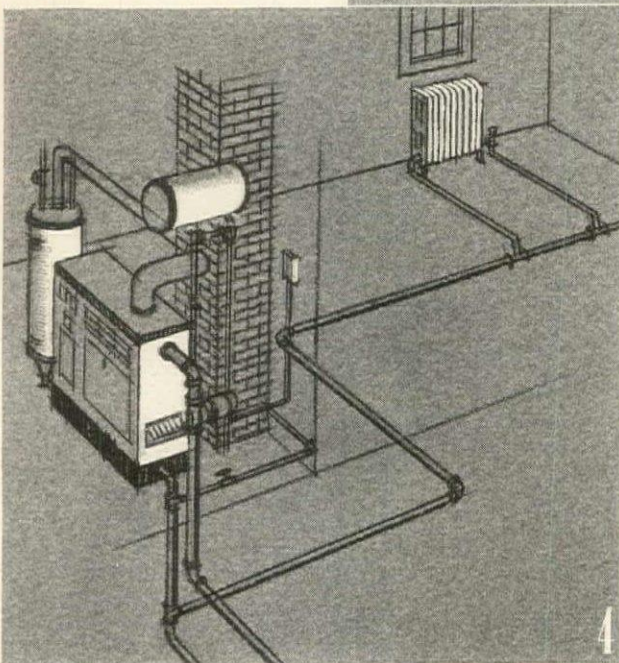
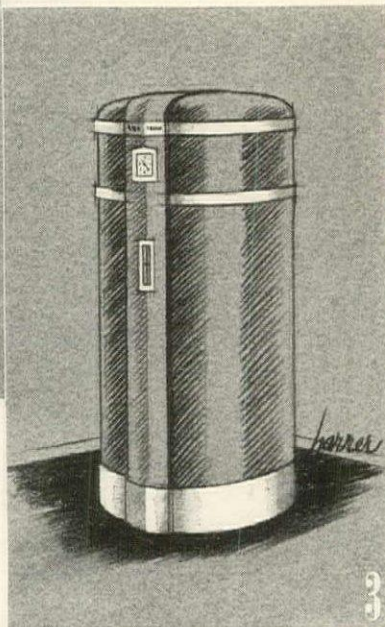
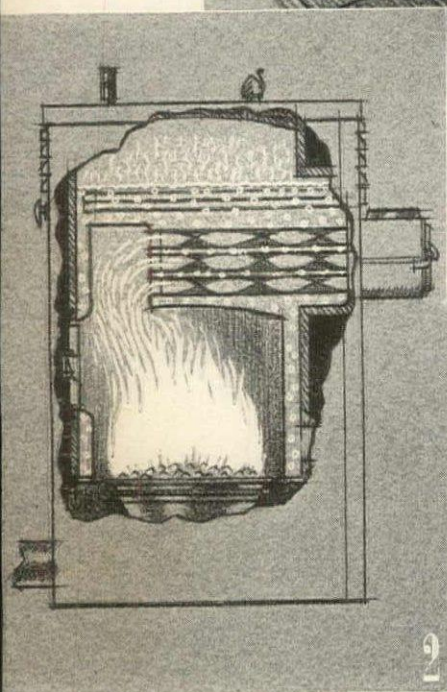
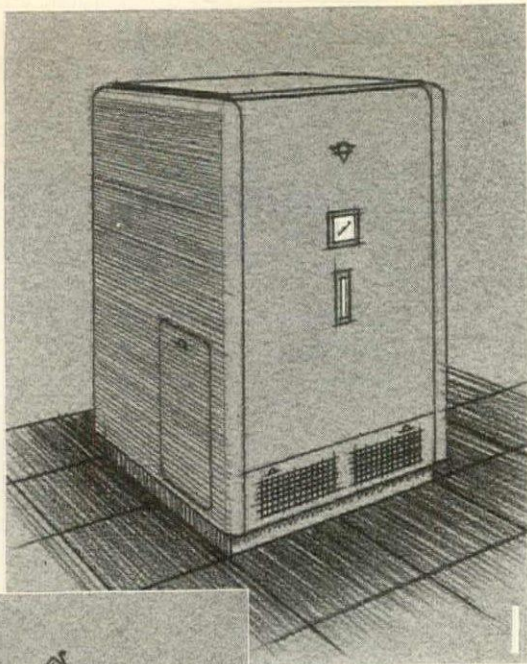
If you have decided on one of the excellent automatic coal stokers, this boiler would be a perfect choice to complete your heating unit. Designed throughout to develop the fullest economy in operation, it includes, as standard equipment, a coil for supplying hot water to the storage tank. The cutaway drawing at left shows how the stoker unit would appear in place and also shows the easily cleaned tubes through which the hot gasses pass. Made by the Fitzgibbon Boiler Company, Inc.

## 3 A furnace adaptable to many homes

This well-known oil burning furnace is designed for steam, vapor or hot water heating systems and indirect heating with an air conditioner. Standard equipment includes a welded steel boiler equipped with safety valve, pressure gauge and water level gauge for steam purposes; or altitude gauge for thermometer for hot water furnaces. A thermostat and standard limit controls are also included. The greater convenience of a day-night thermostat or the extra protection of a low-water cut-off may be had as optional equipment. Manufactured by the General Electric Co.

## 4 The forced hot water heating system

The system shown in part in our drawing illustrates a simple, recently developed variation of the forced hot water system. This system employs a single main for the circulation of hot water and uses a circulating pump to insure a fast response when the thermostat calls for heat and also to provide even temperatures by circulating the hot water in the boiler even when the burner is not operating. A Crane Company system.

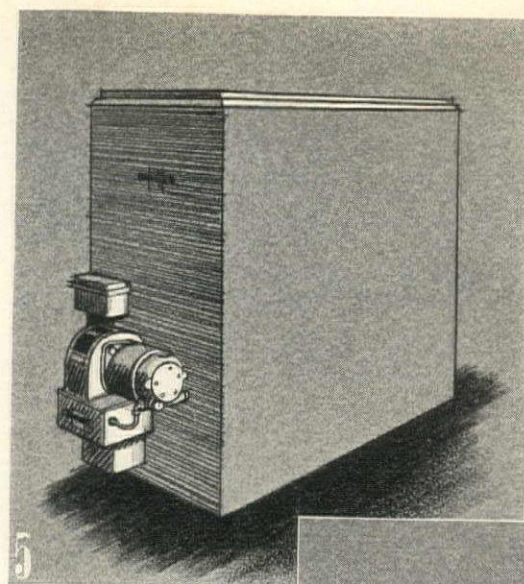




# for the small home

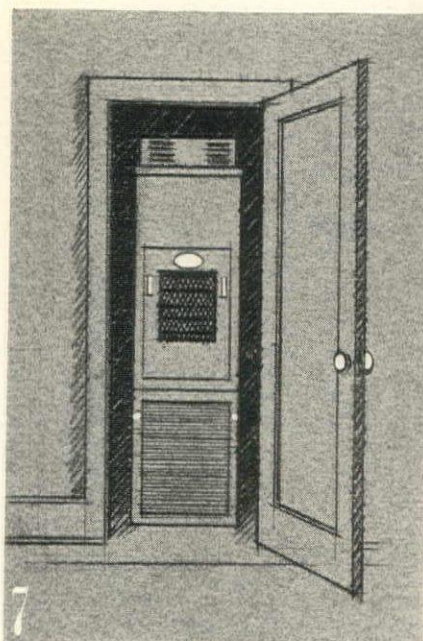
## 5 A complete self-contained air conditioner

Within the compact metal shell of this unit all of the functions necessary to provide Winter air conditioning take place. A large slow-speed fan draws air through a filter, forcing it through the multiple air passages past a humidifier and into the duct system. A small home equipped with this unit is assured of positive circulation of warm, filtered and humidified air. Controls essential for the safe operation of the unit are included. Manufactured by Delco.



## 6 Automatic heat with maximum economy

The gravity feed oil burner in this unit makes for economy in first cost, in operation and in the cost of fuel. This model burns only  $\frac{3}{4}$  gallon of fuel oil per hour. The oil flows by gravity through a filter to the burner where heat converts it into a vapor. The mixture of this vapor with air forms a gas which burns with intense heat. Standard equipment with this unit comprises a room thermostat, room thermostat wire, constant level control which meters oil to the burner, transformer and automatic draft regulator. Manufactured by the Lochinvar Corp.

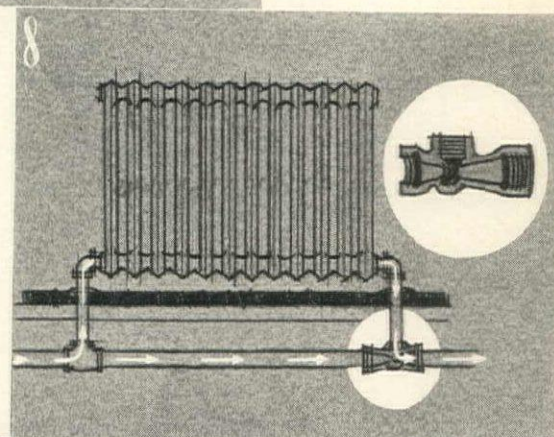


## 7 Air conditioning for the \$5,000 home

The manufacturers of this unit have designed it expressly for homes costing from \$5,000 up. Realizing that small homes have no space to throw away, they have made this unit so compact that it can literally be installed in a small closet if desired. The dimensions at the base are 23" x 30". Gas is used for fuel, which makes the unit absolutely clean in operation and also completely quiet. It provides complete Winter air conditioning and is fully automatic, makes its own temperature and humidity adjustments as needed. It is protected by the most modern automatic safety devices. If the pilot light gives out, the main flame cannot be turned on. Summer cooling can be added if desired. Manufactured by Carrier.

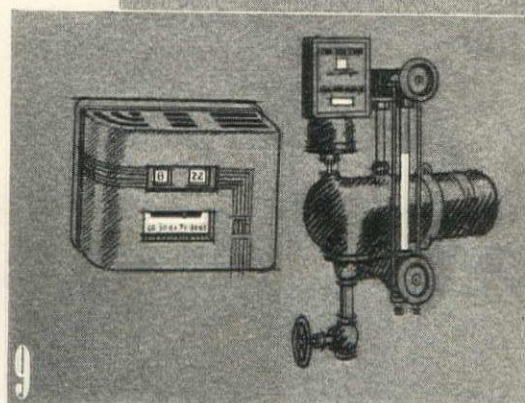
## 8 The key to single-pipe hot water systems

One of the new narrow radiators—only 4" wide—is shown here as it would be connected to a single main hot water system. The gadget shown in detail is a venturi fitting which, although it has no moving parts, acts as an individual circulator or pump on each radiator. The radiator is by Burnham Boiler Co., and the fitting by Taco.



## 9 Big house luxury for the small house

Most modern heating units are supplied with essential controls as standard equipment. At slight extra cost, however, it is possible to add such refinements as the chronotherm shown at left in our drawing which comprises an electric clock and a day-night thermostat. For extra safety we also recommend the low-water cut-off shown at right. This operates in such a manner as to shut down entirely the operation of the burner if the water-level in the boiler is inadvertently allowed to fall below a safe level. Both of these items are made by the Minneapolis Honeywell Regulator Co.





# January Gardener's Calendar



- 1** January is one of the gardener's months for reading and study. Now you can study the architecture of trees, the colors of barks and twigs and appreciate the fruit that lingers over Winter.
- 2** January is also a month to take stock of gardening habits. Why grow plants that are doomed from the start? Lilies, for instance, that are sure to get mosaic. Plenty of them avoid this disease.
- 3** Seed and nursery catalogs should be read twice—once for general enjoyment and the second time for general selection of what you want. A third reading will bring your dreams down to earth.
- 4** Novelties? By all means try them. Plan to give them a fair chance so that they will come up to their introducers' claims. Don't blame failure of a new plant's growth on the seedsman.
- 5** The same is true of new perennials. Give them, first, the benefit of their rightful environment. Have the soil in condition to receive them. Cultivate, stake, spray if needed—and then judge them.
- 6** Prune grapevines this month. Cut them back heavily—if they are old vines, to 20-40 buds. Retie the vines to prevent their lashing in the wind. Burn the old canes. Renew vine posts at this time.
- 7** Also prune fruit trees. The purpose is to head them back and to cut out interfering branches and too thick interior growth, so that sunlight and air can penetrate. This produces better fruit.
- 8** The twigs from fruit tree pruning can be left on the ground for rabbits to nibble. Saw up branches for fire-wood. On a warmish windless day spray with lime sulphur or miscible oil against scale.
- 9** Get from your grocer a sizeable tin container and keep wood ashes from the fireplace in it. Covered and dry these ashes retain their virtues and will make good fertilizer for your roses next Spring.
- 10** Bring indoors frozen roots of rhubarb to force for an early crop. Roots of French endive can be bought now and forced in sand. These constitute cellar gardening. Save a dark corner for them.
- 11** Once or twice during Winter look over gladiolus bulbs and dahlia tubers. The former should be packed in naphthalene flakes—an ounce to 100 bulbs. This fixes the destructive thrips.
- 12** Look over grounds and see where water is lying. Drainage or a leveling of the spot can be done now. Also see that your eaves aren't dripping on the foundation plants. Give the plants protection.
- 13** Nothing like being fore-handed. Let us suggest that part of your Winter reading be devoted to pests so that you will know them. Get Cynthia Westcott's "The Plant Doctor" in its new edition.
- 14** After a snowstorm, go out and knock the snow off the evergreens, lest its weight break the branches. Children adore to do this—if you make a game of it. Look over willows and poplars for borer.
- 15** Examine dahlia tubers for damping off or dry rot. Cut away diseased parts and dust the cut with sulphur. Fuchsias that have been resting can now be brought to light and started growing.
- 16** Inspect house plants for mealy bugs. They look like white cotton. Wipe them off. You can still force lilies of the valley, paper white narcissus, tulips, hyacinths and Chinese sacred lily.
- 17** As soon as buds begin to form on Christmas cactus, spare the water. Too much makes them drop their buds. Once in ten days give calla lilies—heavy feeders—a top-dressing of fertilizer.
- 18** A few weeks after Christmas, poinsettias begin dropping their leaves. The plant is now beginning to rest. Stop watering. Put it in the dark and don't bother it. Start tuberous begonias from seed.
- 19** Sawing wood is, under God, a good work and grand exercise. If you plan to take down trees, plan also to saw and split the wood yourself. You'll enjoy its crackling flames with deeper regard.
- 20** Towards the end of this month you can begin bringing indoors sprays of forsythia, pussywillow and other early flowering shrubs and trees to push into bloom. Give oxalis plants sunlight and water.
- 21** Since you have made up your mind to order those seeds, why not send in the order now? Then you can look up any special culture they require and put the information down on cards.
- 22** Winter is the season for working out color schemes for borders and making lists of companionate plants. Plans that are made now will save time next Spring when every moment counts.
- 23** As you look over the catalogs it will occur to you that there are whole groups of plants you have never tried. The way to rid yourself of this temptation is to order the plants or seeds of them.
- 24** Unless hyacinths are allowed to grow to the bud stage in the dark they are apt to flower on short stems. Cover the pot with a roof of paper. Plan to set out some of the new roses.
- 25** Please note that the Second Section of this issue is the Gardening Year Book. Novelties are listed there, together with a great deal of horticultural information and suggestions for garden plans.
- 26** It is a safe practice to spray off your house plants occasionally. Palms can be sponged off. But there isn't any real reason for washing rubber plants in Grade A or any other grade of milk.
- 27** Aspidistra, one of the house plants you can't kill, may be propagated by breaking it apart. Be sure and see that each part has a leaf. Pot up, water and let them go their way.
- 28** Your Winter reading may get you interested in herbs. Herb gardens and herb cooking are becoming more popular every year. Gastronomy and gardening can go hand in hand if you grow herbs.
- 29** Visit someone who has a small greenhouse. See the plants he grows and the fun he has over these Winter days and nights. Nothing like a bit of glass to shorten the Winter of our discontent.
- 30** A new and enlarged edition of *Standardized Plant Names* has just appeared. This is a "must" book for those who want to learn or look up common and botanical names. We've worn out two copies.
- 31** By the end of January, doubtless, many of your noble New Year resolutions have gone the way of all flesh. You can still stick to one—"This year I intend to be a better gardener."

Those who are addicted to rock gardening will find January an especially favorable month for traveling about the countryside and collecting picturesque and useful stones.



## MAPLE-LEAF MENUS

(Continued from page 36)

oven, turn in the batter and bake for twenty minutes at 350 degrees, or until well browned on top and thoroughly done inside. Loosen edges with silver knife, cut into convenient portions, remove to a pre-heated platter and serve at once accompanied by lots of rich, brown "dish gravy".

Lamb as well as saddle of mutton are headliners on Canadian tables, and small wonder, since their native herds yield a tender, finely grained meat that is rivalled only by the English product. It is always served with capers, and sometimes with currant jelly instead of mint. However, if you crave the flavor of mint, the following lusciously colored sauce deserves a top-flight position in your repertoire.

**Currant mint sauce.** Melt 3 tablespoons currant jelly in the top of a double boiler, and the following: 2 tablespoons grated orange rind,  $\frac{1}{2}$  cup orange juice, 2 teaspoons lemon juice, 2 tablespoons finely chopped mint leaves and  $\frac{1}{2}$  cup powdered sugar. Stir gently for about five minutes until thoroughly heated. Strain through a fine sieve and serve at once, to accompany the lamb instead of gravy.

If on the other hand you prefer mint in the form of a condiment a mint chutney which requires no cooking is not only a delicious bet with lamb, but has an affinity for all varieties of poultry and curry as well.

**Mint chutney.** Chop together very finely  $\frac{1}{2}$  lb. ripe tomatoes, 1 lb. peeled and cored tart apples, 3 large sweet peppers, 6 small onions,  $\frac{1}{2}$  cup mint leaves and  $1\frac{1}{2}$  cups seeded raisins. Scald 3 cups vinegar, 2 cups sugar, 2 teaspoons powdered mustard and 1 tablespoon salt in a saucepan. Pour over the vegetables, stir until well blended, bottle at once and cool. This condiment, if you make it in quantities, keeps indefinitely provided it is tightly sealed in the jars.

When it comes to drinking tea, British Canadians are still pretty much staunch Englishmen. And being invited to tea in the Dominions actually means tea and nothing stronger. This is true in the Civil Service strata as well as among the still higher orders.

But what teas they are! Inimitable tea to begin with—brewed according to the best English traditions. Wafer-thin bread and butter, or rectangles of toast spread with melted maple sugar (more about this later). A variety of figure-wrecking preserves; Victoria cake, one of the old Queen's favorites, a fine pound cake with thin almond icing; and, if you are fortunate, as I was, not only the classic plum cake (raisin cake to you) but hot scones dripping with fresh butter!

Clochmore scones by their very name, I think, conjure up visions of a pioneer Grandmother in a little starched, frilled cap, who, on Sunday, opened up jars of exquisitely fragrant black currant jam for her favorites. I didn't eat these scones in quite this environment, but I did eat them at "high tea" in a most lovely Autumn garden.

My hostess, the Vicar's wife, delighted by my praise, told me that she had

the recipe for them from an old lady of ninety living in Galt, Ontario. This old lady's family had travelled from Quebec to Ontario, more than a hundred years ago, by ox-cart—"and none the worse for it, either!" The recipe, it seems, came along too.

**Clochmore scones.** Mix and sift together 3 cups all-purpose flour, 1 teaspoon salt, 1 teaspoon baking soda and  $\frac{1}{2}$  teaspoon cream of tartar. Cut in 1 tablespoon of lard with a knife and moisten with 2 cups fresh buttermilk. Knead gently, taking heed that the dough does not become too stiff. Roll dough on a floured board to desired thickness. Bake in a sectional muffin tin which has been greased and preheated. The oven should be moderately hot. When the scones are brown, remove to a warm plate with the aid of a blunt knife. Cut open and butter, and serve at once, piping hot.

Another "high tea" favorite is sausage rolls—real, large-size sausages baked in a pastry jacket—the masculine contingent will clamor for them!

With its very insignia being a maple leaf, Canada is admittedly quite as much headquarters for maple syrup as our own Vermont. At the Red Cross Tearoom, which has its main restaurant in the Badminton Club buildings in Ottawa, they make a fetish of cakes and desserts which feature the maple flavor. And though I had always been of the opinion that the cinnamon toast served with tea at the Chateau Laurier was Elysian, I must confess that the maple toast which they serve at the Red Cross runs it a good second.

**Maple toast.** Cut slightly stale white bread into quarter-inch slices, remove the crust and cut each slice into three pieces lengthwise. Toast one side, spread with melted butter, and sprinkle with a thick layer of soft maple sugar. Place in a gently preheated broiler, butter side up, until the sugar is melted. Remove to a hot plate, dust the top of each slice with a powdering of finely chopped nuts, and serve at once.

Well-to-do French Canadians are even more cosmopolitan—more "North American"—than are their British compatriots. To find typical French Canadian dishes, therefore, you must know the peasants—thrifty, frugal, hard-working and plain-spoken. However limited their fare—and it is that—they cook even the most primitive dish with talent. I am still under the spell of their wonderful "potage"—although it takes a deal of skiing or hiking in Canadian zero weather to offset its expanding effect on the waistline! Here is the "how" of the national headliner:

**French Canadian pea soup.** Soak 1 cup dried split peas overnight in water. Drain, and place in  $2\frac{1}{2}$  quarts boiling water, to cover, together with 1 smoked hambone or butt,  $\frac{1}{2}$  cup diced carrot, 1 stalk celery, 1 chopped medium-sized onion, 4 peppercorns, 1 bay leaf and salt to taste. Simmer, tightly covered, over a low flame until the peas are soft, stirring frequently to prevent burning. Three hours of slow cooking usually turns the trick.

Remove the bone. Force remaining  
(Continued on page 51)

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## MIAMI BEACH



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Located directly on the ocean—a delightful, brand new idea for complete vacations. Facilities include private beach, cabanas, pool, dining terraces and outdoor dancing pavilions. Sports, sunbathing, entertainment. Topnotch cuisine. Attractively appointed living rooms become twin-bedrooms at night. Selected clientele. Open all year. Booklet. John M. Duff, Jr., Manager.

## HOUSE &amp; GARDEN'S



A directory of

## Miami Beach Dresses up

A MAGIC wand, in the guise of architects, artisans, and some fifteen million dollars has transformed Miami Beach into a Floridian "Futurama". New hotels and apartment buildings in the glass-and-steel-and-sun-spaces tradition have mushroomed up to make an angular skyline along the familiar stretch of beach. New swimming pools, movie theaters, and open play spots maintain the high ratio of relaxation. With all this gala wardrobe, the Beach is planning a 1941 calendar to match. January high-lights include the opening of Hialeah Park on the 8th, a tantalizing beckon to all horse-lovers. . . the beginning of the annual one-hundred day Fishing Tournament, where everything from black bass and barracuda to tarpon and tuna is apt to steal your bait. The local boys who know their fish count 247 species, and they add that there seems to be an unaccountable increase in the marine population.

Jot down for gaiety the first of the Surf Club "Galas" on January 25th. These fashionable parties will run every Saturday night until March 22 . . . or follow the youthful stars in the Southeastern Amateur Tennis Championship at Flamingo Park on January 27th. This is just the first of a championship series to run into the spring.

And if your sporting blood runs through a lazy vein, you can just plain sit in the sun and absorb. Rumor says even *that* is polished up for your coming.

## FLORIDA

## FORT PIERCE

The New Fort Pierce. A distinctly modern and fascinating Hotel on the Water. Golf, Beach Cabana, Fishing, Dancing. Excellent cuisine. Restricted.

## JACKSONVILLE

Hotel Windsor. Heart of city facing beautiful Hemming Park. Large rms.; unique parlors; terrace dining room; wide porches. Lobby entrance to garage.

## MIAMI BEACH



The Flamingo

Landmark of Luxury. Flashing in the sun or weaving a color-symphony against the stars—the dome of The Flamingo is a glittering "landmark of luxury" for those seeking the best in Florida resort life. You will enjoy this unique bay front tropical estate—gay, exclusive, complete. Carefully restricted clientele. Uniformly fair rates. Folder. Address . . . C. S. Krom, Manager. N. Y. Office: 11 W. 42nd St. BRyant 9-6348.

## MIAMI BEACH



Hotel Good

To those who prefer the niceties of gracious living, the Good offers an exclusive club-like residence in the fashionable north-shore district. Oceanfront at 43rd St., private beach, sports, handy to all recreations. Garage on premises. Distinguished cuisine. Restricted. Open year round, reservations desirable. Bklt. Carolyn G. Good, Pres., Ernest McDonald, Manager.

## FLORIDA

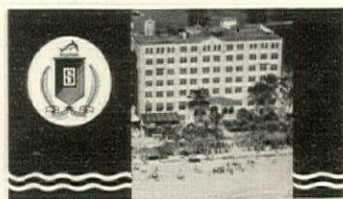
## MARINELAND

Marine Studios, world's only oceanarium, presents mysterious undersea life, viewed through 200 port-holes. On Ocean Blvd., south of St. Augustine.

## MIAMI

The Dallas Park. Rooms, apartments, penthouses. Roof sun bathing. 11 stories, overlooking beautiful Biscayne Bay. Moderate rates. M. F. Whelan, Mgr.

## MIAMI BEACH



The Surfside

Situated between the Atlantic and Lake Pancoast, every room "waterfront". Private ocean beach. Surf bathing from rooms via special bathers' elevator. All rooms with private baths, showers. Excellent dining services. All sports. Ownership management. European Plan, moderate rates. Early reservations suggested. Booklet, information on request. J. H. Miller, Managing Director.

## MIAMI BEACH



The Whitman By-the-Sea

"Aristocrat of Miami Beach" . . . Occupying full block between Ocean and Indian Creek in exclusive section at 34th St. Private beach, marine terrace for dining, dancing and deck sports. Unrivalled cuisine and service. European Plan. Restricted clientele. Reservations in advance. Season dates: Dec. 20 to Apr. 20—no deviation. Illustrated brochure on request to Fatio Dunham, Manager.



# TRAVELOG



**fine hotels and resorts**

## Winter Season at Phoenix

ANOTHER option on the bright, clear sun is held by Phoenix, Arizona, whose winter season rivals that of any sister resort, further south. It even names its location "the Valley of the Sun". Horse-shows, rodeos, and races bring the finest western and national horse-blood to the town for competition. Races are scheduled three times a week until March 2.

The big January event, however, is the Western Open Golf Tournament at the Phoenix Country Club on the 31st. This is the second largest tourney in the nation, and will draw top-ranking golfers to compete for the \$5000 in awards.

## Skiing at Smugglers' Notch

THE truth of their slogan, "There's snow at Stowe", has encouraged the skiing proprietors of the Lodge at "Smugglers' Notch", Stowe, Vermont, to add a new wing, and construct several new cottages, increasing the capacity to 115. The steady popularity of this ski resort has resulted in the new chair-lift of one and a quarter miles, the world's longest. Slopes like "Nose-Dive" and "Chin Clip" make the slide down Mt. Mansfield even more breathtaking than the ride up.

For folks like us who "just want to walk around a bit first," the easy grade of the "Toll Road" for four and a half miles gives you a respectable distance story for after-skiing fireside chats. In your non-ski moments, (Continued on page 50)

## FLORIDA

### ORLANDO

**Hotel Wyoming.** Restful, tropical setting. Every service and convenience. Close to shops, entertainment, sports. American plan. C. DeWitt Miller, Mgr.

### PALM BEACH

**Palm Beach Hotel.** An exclusive hotel offering superlative service, finest cuisine, luxurious atmosphere. Am. & Eu. Plan. All sports. Bklt. J. J. Farrell, Mgr.

### PONTE VEDRA BEACH



**The Inn**

Seaside resort hotel of distinctive charm. Faces America's finest beach, midway between Jacksonville and St. Augustine. Country club atmosphere. Luxurious accommodations. Adjoins world-famous golf links. Bath Club with pool and surf bathing. Fishing, hunting, tennis, archery. Climate excellent for allergic ailments. Restricted clientele. Booklet.

### ST. PETERSBURG



**The Huntington**

"Truly A Resort Hotel of Merit" in beautiful surroundings, tropical gardens, patios, citrus grove. Broad, sunny verandahs . . . lounges . . . distinctly superior cuisine. Choice residential location close to every activity and interest. Open until May. Eur. and Amer. plan. You'll like The Huntington and its real Southern hospitality. Pleasing rates. Booklet, Paul Barnes, Manager.

## FLORIDA

### ST. PETERSBURG

**Jungle Club Hotel.** Does golf at the door plus riding, fishing, bathing, tennis, tempting food, courteous service and discriminating people interest you?

**The Princess Martha—St. Petersburg's** largest and best located downtown hotel. Every modern comfort. European. Dining room. Bklt. A. L. Manning.

### ST. PETERSBURG



**The Soreno**

One of Florida's finest American plan winter resort hotels. Situated on beautiful Tampa Bay, overlooking tropical Waterfront Park, and close to all recreation facilities. Modern and fireproof. 300 rooms, each with bath. Dining room famous for excellent cuisine. Pleasant social life. Booklet and rates on request, Soreno Lund, Mgr.

### ST. PETERSBURG



**Tides Hotel**

Florida's finest vacation residence. Exclusive hotel-private club environment. Cottages, apts., Cabaña Hotel and beach club. On the Gulf of Mexico near St. Petersburg. Private beach. New and modern throughout. Amer. Plan, restricted. Club privileges to guests. Swimming pool. Yacht basin. Convenient to all sports. Write for bklt., rates, reservations. C. T. Henderson, Mgr.

## FLORIDA

### ST. PETERSBURG

**Sunset Hotel.** On Boca Ciega Bay. Quiet, refined, restful, yet close to all activity. 70 rooms, each with bath. Amer. plan. Moderate rates. L. A. Thorp, Mgr.

**Suwannee Hotel.** Close to everything of interest. 205 rooms, each with tub and shower bath. European plan. Dining room. Paul Brown, Manager.

**Vinoy Park Hotel.** On Glorious Tampa Bay. 375 Rooms, all with Bath. Every recreational feature. Booklet. Clement Kennedy, Managing Director.

### SEBRING

**Harder Hall.** "On the Ridge." No humidity. 6500-yd. golf at door. Fireproof. 150 rooms with bath. Steam heat. Restricted. Attractive rates. Eltinge Bros.

## GEORGIA

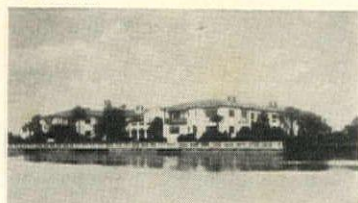
### SAVANNAH



**The Savannah Oglethorpe Hotel**

A triumph of modern comfort in a setting typical of the Old South. 18-Hole private golf course, hunting and fishing available, scenic drives, delightful climate. Easily reached by rail, plane, highway, steamer, yacht. Located on Wilmington Island, 15 minutes from Savannah, Ga. For further information or for reservations address Robert White, Manager.

### SEA ISLAND



**The Cloister**

A seaside resort of smart distinction with a flair for gracious living. An island haven in the sun where each individual of a selected and prominent clientele is a king in his own right. Pursue your own bent. Golf, swim, ride, hunt, shoot skeet, bicycle, play tennis. Or live a life of luxuriant leisure. Write direct, see travel agent, or New York Office, 630-Fifth Ave. Phone Circle 5-8055.

### THOMASVILLE

**Three Toms Inn.** A charming winter resort hotel: splendid golf, swimming pool, riding, hunting. Ideal climate. Booklet. Direction of Geo. C. Krewson, Jr.

## MARYLAND

### BALTIMORE

**The Belvedere.** A really fine and modern hotel. Rooms, cuisine and service in keeping with the highest standards of living. Rates begin at \$3.50.

## MISSISSIPPI

### BILOXI

**Hotel Buena Vista and Cottages.** Vacation Headquarters of the Deep South. Open year round. Land and water sports. Am. or Eu. plan. Write for bklt.

### NATCHEZ

**The Pilgrimage Garden Club** invites you to visit Old Natchez in the Deep South. March 2-23. Famous ante-bellum houses open daily. Write Box 347, Natchez.

### PASS CHRISTIAN

**Inn By The Sea and Cottages.** Always open. On private bathing beach. All sports. Paved roads. Climate ideal. Near New Orleans.

**Miramar Hotel.** Established clientele. Women Creole cooks. All land and sea sports. Faces beautiful Mexican Gulf. Fun and frolic in healthful sunshine.

## MISSOURI

### KANSAS CITY

**Bellerive Hotel.** Armour Blvd. at Warwick. Quiet, refined home atmosphere. Famous Coral room. French Cuisine. Garage. Trans. or Perm. Wire for reservations.

## NEW JERSEY

### ATLANTIC CITY

**Marlborough-Blenheim.** For health through the winter. Wide sun decks, tempting menus, sea water in all baths. Josiah White & Sons Co.

## NEW YORK

### NEW YORK CITY

**American Woman's Club.** 353 W. 57th St. For smart women. 1200 rooms with bath. Daily \$2.50 up. Weekly \$12.00 up. Bklt. "YM". John Paul Stack, Mgr.

**The Barbizon.** Lexington Ave., 63rd St. New York's most exclusive hotel for young women. Cultural environment. Weekly \$12.50 up. Daily \$2.50. Bklt. "HG".

**Barbizon-Plaza.** New skyscraper hotel overlooking Central Park at 6th Ave. Rooms from \$3. single; \$5. double. Continental breakfast included. Bklt. "HG".

**The Beekman.** Park Ave. at 63rd. A residential hotel of rare charm in the quiet and exclusive section of Park Avenue. Transient accommodations.

## NEW YORK

### NEW YORK CITY

**Beekman Tower—49th St.** at East River Drive. Overlooking River. Smart location. 400 outside rooms. Near shops, theatres, business. \$2.50 daily. Booklet "HG".

**Beverly Hotel.** 125 East 50th. Just East of Radio City. Large rooms and closets. Serving pantries. Single \$4, double \$6, suites from \$8. Plaza 3-2700.

**The Buckingham.** 101 W. 57th St. Recently modernized. Luxurious parlor, bedroom, pantry, bath from \$7 a day. Walk to Central Pk., Radio City, Times Sq.

**The Grosvenor.** on Convenient Lower Fifth Ave. at Tenth Street—A Distinctive Hotel of Quiet Charm. Single from \$3.50. Twin beds from \$5.

### NEW YORK CITY



**The Plaza**

The Exacting Standards of Good Taste are humanized at the Plaza by its devotion to the individual needs of its guests. Facing Central Park in the social, shopping and amusement center. Subway station at the hotel. Henry A. Rost, President and Managing Director, Fifth Avenue at 59th Street.

### NEW YORK CITY



**The Savoy-Plaza**

When you step into the Savoy-Plaza overlooking Central Park you enter a friendly new world providing every luxury and service to make your visit to New York most enjoyable. Fine Shops, Theatres and Subway nearby. Henry A. Rost, Managing Director. George Suter, Resident Manager, 5th Avenue, 58th to 59th Streets.

### NEW YORK CITY

**Hotel Seymour.** 50 W. 45th St. Near Fifth Ave., theatres, shops, art galleries, Radio City. Refined surroundings. \$4. single; \$5.50 double; Suites \$8.

### NEW YORK CITY



**The Waldorf-Astoria**

The Waldorf competes in economy with hotels that cannot compete with the Waldorf in those extraordinary service satisfactions which only the Waldorf can give. Park Avenue, 49th to 50th Streets, N. Y.

### WATKINS GLEN

**Glen Springs Hotel.** A Famous Spa in America. Natural Naubheim Baths. Selected clientele. N. Y. Office, 500 Fifth Ave., Room 1106. Phone PEnn 6-9557.

## NORTH CAROLINA

### GREENSBORO

**Sedgefield Inn.** Restful, modern, adjoins famous golf course. Riding, Tennis, etc. Excellent Food. American Plan. Folder. Louis D. Miller, Manager.

### NEW BERN

**Hotel Queen Anne.** Charming new hotel in finest residential section of historic New Bern. Distinctive. Dining room justly noted. Direction Daniel Miles.

### PINEHURST

**The Manor** is a thoroughly modern hotel, centrally located yet quiet and restful. All sports. Excellent cuisine. Booklet on request. Rates on application.

## PENNSYLVANIA

### PHILADELPHIA

**Bellevue-Stratford—**"One of the Few World Famous Hotels in America." Rates begin at \$3.85. Claude E. Bennett, General Manager.

### HOTEL INFORMATION SERVICE

If you wish more information about any of the hotels listed on these pages, drop us a card. House & Garden's Hotel Information Service.



LA PROVINCE DE  
**QUÉBEC**  
NORTH AMERICA'S  
FINEST  
*Winter Playground*



Come to La Province de Québec—the famous winter playground just North of the border! Skiers the world over know the thrilling runs in La Province de Québec, the fast hills and hundreds of miles of well-marked trails that make this French Canadian land a skier's paradise.



There's ski-lift and ski-tow to save you climbing . . . a whole countryside of snow-clad mountain and valley to give you skiing at its best. Other sports? Take your pick of ski-joring, bobsleigh racing, skating, tobogganing, ice hockey, ice-boat-ing!

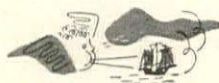
Come to La Province de Québec! Low-cost, overnight trips will help you plan your vacation—"no passports" and an exchange rate that makes American dollars worth more will make the planning easy!

Write for interesting FREE booklet on Skiing in La Province de Québec.

LA PROVINCE DE  
**Québec**  
TOURIST BUREAU  
QUÉBEC • CANADA

# HOUSE & GARDEN'S TRAVELOG

A directory of fine hotels and resorts



(Continued from page 49) you can sleigh-ride around the mountain trails, skate on the lighted rink, or square-dance on holiday week-ends.

## Here and There in January

FOR the sports-minded, Atlantic City is host to a tournament especially appealing to business men. To see squash as it should be played, visit the Haddon Hall courts on January 17-19 for the Atlantic Coast Squash Racquet Championship. Watch the nation's best squash players, then try your new technique on the company vice-president.

On the social side, St. Petersburg calls out the Army, Navy, and Coast Guard officers in full dress for its Charity Ball on the 24th. They will grand-march in the Georgian ballroom of the Hotel Vinoy Park. . . . "The Greenbrier" at White Sulphur Springs lists the President's Birthday Ball on the 30th as its most exciting January party. . . . For us who stay at home, the Waldorf-Astoria has written d-a-n-c-e all over its date-pad. We're checking it against ours for an elegant evening.

## SOUTH CAROLINA

### CHARLESTON

Francis Marion Hotel. In the convenient center of America's most historic city. Rates are attractive. Robert T. Rosemond, Manager.

### SUMMERVILLE

The Carolina Inn and Cottages. Rest or recreation among the pines. Golf—18 holes—grass greens, fishing, hunting, skeet. Moore Ownership Management.

## VIRGINIA

### RICHMOND

The Jefferson. An unusual hotel. Delightful location. Reasonable rates. Illustrated booklet, "Historic Richmond," gratis. Wm. C. Royer, Manager.

### VIRGINIA BEACH

Cavalier Hotel and Country Club. Open all year. 2 golf courses, tennis, riding, fishing, heated indoor pool. Roland Eaton, Mgr. Dir. Write for Booklet W.

### WILLIAMSBURG

Williamsburg Inn & Lodge—Visit the restoration of Colonial Williamsburg. Choice rooms—Moderate rates. Fine food. N. Y. Office, 630 5th Ave. CI 6-8896.

## JAMAICA, B.W.I.

### MONTEGO BAY

Casa Blanca—On Doctor's Cave Beach. Warm sunshine all winter. Verandah, suites and rooms, cottages. Am. Plan \$6 up. Restricted. Folder. R. L. Ewen, Mgr.

## NASSAU, B.W.I.

Royal Victoria Hotel. Nassau's charming Hotel of the "Old World"—Season November 15th to May. American and European Plan. N.Y. Office 500-5th Ave.

### HOTEL ADVERTISING

Fine hotels are advertising in this section. If you are the manager of a class hotel or resort why not write for rates and detailed information?

## DUDE RANCHES

For you who like the sagebrush and the open spaces.

## TEXAS

### BANDERA

Mayan Guest Ranch. 48 mi. W. of San Antonio. Thrilling fun, luxurious comfort, excellent table, American plan. Write for folder. Wm. P. Taylor, Mgr.

### HUNT

Waldemar Ranch—In Guadalupe Mtns. 85 mi. W. San Antonio. Riding, golf, tennis. Fine food, relaxation. Season Dec.-March. Restricted Clientele. Bklt.

### SAN ANTONIO

Gallagher Ranch. Vast, historic cattle ranch open year 'round. Ride, rest, recreate. Excellent meals. Completely modern. Central heating. Restricted.

## WINTER SPORTS

Places to go and places to stay—  
Listed below for your convenience.

## NEW HAMPSHIRE

### HANOVER

The Hanover Inn at Dartmouth College. Open all year. Booklet. Ford & Peggy Sayre, Managers. Robt. F. Warner, New York Rep. Tel. BRyant 9-6348.

## CANADA

### LAURENTIAN MTS.—NORTH OF MONTREAL

Laurentian Resorts Assoc. Modern hotels, dependable snow conditions, 28 ski-tows, no passports required. Write: Secy., Ste. Agathe des Monts, P.Q.

### LAURENTIAN MTS.—Ste. Marguerite Station, Que.

The Alpine Inn. Luxurious log chalet, all modern conveniences, ski school, 2 ski-tows and Hill '60" on property. Literature and rates on request.

### LAURENTIAN MTS.—ST. SAUVEUR STA., P.Q.

Nymark's Lodge—comfortable log chalet, modern. Foot of Hill '70". 4 ski-tows, trails, open slopes. Restricted clientele. Write: booklet, rates.

### QUEBEC



### Learn to Ski in a Week

9 out of 10 beginners do, at the Chateau Frontenac Ski-Hawk School . . . home of new Parallel Technique! Snow's right, sun's bright at Lac Beauport Snow Bowl. All-expense ski trips from New York and Boston include lower berth, round-trip, all meals, room at the Chateau. U. S. citizens need no passports. Any Canadian Pacific office or write Chateau Frontenac, Québec.

### QUEBEC—MONT TREMBLANT, P.Q.

Manoir Pinetau—Laurentian Mts., at base of famous Mont Tremblant . . . near chair ski tow. Every comfort at moderate rates. Booklet & rates on request.

### QUEBEC—STE. ADELE

The Chantecler—Modern resort hotel—winter sports—ski tow—Hill "80" adjacent. All conveniences and tasteful appointments. Booklet and rates on request.

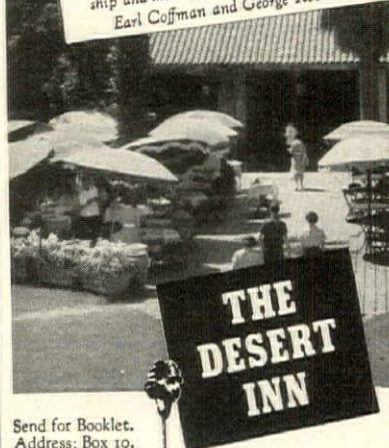
### QUEBEC—STE. MARGUERITE DU LAC MASSON

Domaine D'Estrel. Enjoy a glorious vacation sky high in the Laurentians. Every sport and pastime. Write for booklet to Miss M. Springer.

*Life begins  
on the Desert*

FOR PEACE...come back to the serenity of the desert, and the warm hospitality of the Desert Inn. Here on a 35-acre garden estate you can enjoy carefree days. All sports and a gay panorama of events to intrigue America's most distinguished winter colony. Outdoor swimming pool, championship tennis courts, badminton, archery, skeet, polo, scenic miles of bridle trails . . . and 9-hole all-grass golf course adjoining the hotel grounds.

32ND SEASON under original ownership and management of Nellie N. Coffman, Earl Coffman and George Robertson.



Send for Booklet.  
Address: Box 10.

## PALM SPRINGS, CALIFORNIA



TREAT YOURSELF TO REAL  
WELL-BEING in WARM, DRY,  
Sunny  
**TUCSON**

☆ You should not confuse Tucson with any other spot on this continent. ☆ It's the driest city in the United States, without fog and without dew. ☆ This, together with the fact that the immediate Tucson region has very low wind velocity and practically no cold, tells you why it is tops for comfortable . . . warm . . . dry winter climate.

SEND FOR THIS FREE BOOKLET

### TUCSON SUNSHINE CLIMATE CLUB

2059 D Rialto, TUCSON, Arizona

☆ Please send me your informative booklet.

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_



## MAPLE-LEAF MENUS

(Continued from page 47)

contents of the pot through a coarse sieve, and add 1 cup sweet cream or stock, to give the required fluid consistency. Season with salt and additional pepper if necessary, reheat and serve topped with a film of crisp, well-browned bacon crumbs.

This is a thousand times more appetizing if it's ladled out into deep plates from a great tureen. Why not revive your family heirloom and give them as wants "seconds" a chance?

Not all French Canadians eat pea soup all the time, though soup, as in France, is an admitted favorite. They eat potato soup, too, and in the Autumn chestnut soup which, though it sounds curious, bears considerable conversation. The potato soup has added zest because dried herbs and a sharp grated cheese are added to its otherwise well-known ingredients. The chestnut soup (since you can't possibly buy it in cans) is made this way:

**Chestnut soup.** Pass 2 cups boiled and peeled chestnuts through a potato ricer. Dice 1 onion and 2 stalks celery, and sauté both in 3 tablespoons hot butter for ten minutes. Pour over the chestnuts and cook the mixture in 1 quart beef stock, or 2 cans consommé, for fifteen minutes over a low flame. Strain and reheat. Mix 2 tablespoons flour with 1 cup heavy cream and simmer, stirring constantly until smooth. Add flour and cream to hot chestnut stock, season and serve at once in large cream soup bowls. Float bread croutons on top.

**Potato salad,** as the French Canadians make it, is celestially good. Here's how: Slice 8 peeled boiled potatoes into a deep bowl and while still warm add 3 teaspoons chopped parsley, the juice of a grated onion, 2 tablespoons olive oil and salt and pepper to taste. Mix 1 tablespoon vinegar with ½ cup soup stock (canned if you like), and pour over the potatoes. Permit to cool gradually without benefit of refrigeration, tossing gently at intervals to insure thorough blending of all ingredients. Serve this potato salad quite cold, but not iced.

A typical farmhouse supper, which has been adopted by many a guide on a fishing trip when the fish have failed, goes this way. I can't help thinking that it would stand transplanting to more urban haunts. Try it some evening when the maid is out and when you "don't want to bother much". It's a natural when the men want just "oh, any old thing with eggs!"

**Pommes aux oeufs.** Dice 5 medium-sized boiled and pared potatoes for frying. Heat 1 tablespoon bacon fat in a deep iron skillet, and sauté in it 3 strips lean bacon and 1 sliced onion. Add diced potatoes and a sprinkling of caraway seed. Cook until the potatoes are a faint golden color, stirring at intervals. Beat up 3 eggs, and pour over the potatoes. Allow eggs to set and fry gently on one side without turning for about three minutes, then turn the entire cake and fry until brown on the other side. Season and serve very hot, divided into convenient portions. Steaming cups of fragrant coffee are somehow indicated with this.

**Fish and game.** But what about trout, I hear you ask—what about salmon and game? Frankly, the trout in Winter are fairly scarce and the salmon, too, have gone their ways. But even at the season's height, I understand, they are rare on the table of the French Canadian family. Père may be a trapper of no mean repute, and Frère Jacques may be a guide, but whatever they get is promptly sold, not eaten! Mr. Gotrocks, or the head man of the La Pointe Fish Market, may profit, but Père and Frère Jacques prefer to put their end of the expedition into the belly of the china pig on the mantel, not in their own!

Since the exception proves the rule, trout, when they do eat it, is delicious. It is baked, after cleaning and splitting, in a mixture of half cream, half milk, to cover. The liquid is drained away and the trout lightly seasoned with salt and pepper before serving. This is a recipe worth cherishing, for none of the subtle flavor escapes in the process. The cooking time in this instance is about fifteen minutes in a pre-heated oven, or until the flesh of the trout is seen to depart from the center bone. Thin cucumber sandwiches with this are typically Canadian—and bring out the trout flavor wonderfully.

**Gaspé salmon** is *always* steamed, *never* boiled! Placed in a covered colander over a scant pot of brightly boiling water, the salmon this way is so quickly done that none of its precious juices have an opportunity to be lost. The colander must, of course, be tightly covered. A bay leaf, whole peppercorns and some sliced onion are generally added to the water, in order to insure an aromatic steam. The fish should be discreetly salted before cooking, but no spice should be added afterward. Serve it cold the next day with boiled mustard salad dressing.

When it comes to game, the same story as that told above holds true. Your average French Canadian goes out for deer—certainly, and he gets it, too. But it is a rare meat for him to serve at his own table. But hare or rabbit is a slightly different matter. A bagged hare in Winter is family rations. Curiously enough, hare and saddle of venison are prepared in Canada in much the same manner, when they are roasted.

**Roast of hare or venison.** Lard the hind part of the rabbit with salt pork (your butcher knows how), and leave it for twenty-four hours in a marinade of 20 whole cloves, 30 allspice, 8 bay leaves, 6 large onions sliced in rings, 6 whole peppercorns, and red wine and vinegar in equal parts to cover the meat. Place the game in a deep bowl or basin, cover with the marinade and turn at least twice in the period of immersion. After a day and a night, remove the meat to a Dutch oven and brown well in hot shortening, turning at intervals.

When brown, gradually strain over the brine in which the meat was pickled, adding as much liquid as required for long, slow cooking. Allow the meat to simmer over a low flame until tender. Thicken the sauce with a dozen

(Continued on page 56)

## Share in the fun of sea and sun . . .

Make the wisest move of the winter—cruise to the Caribbean and the West Indies with the Great White Fleet. Sail away from a world of stress—relax and rejuvenate—on that well-earned holiday you owe yourself. Go "places" and go *well*—on a modern cruise liner, first class throughout. Outdoor pool, sports deck, dance orchestra, Class "A" movies . . . ALL outside staterooms, superb cuisine.



### Cruises from New York to the WEST INDIES and CARIBBEAN

*Weekly*, 15 Days, \$170 up. Alternately to Panama Canal Zone, Costa Rica, Guatemala, Havana; or to Havana (2 calls), Panama Canal Zone, Guatemala; 14 Days, \$160 up, to Kingston, Jamaica, B. W. I., Barranquilla and Cartagena, Colombia, S. A. and Panama Canal Zone. Also: *Fortnightly*, 11 Days, \$135 up, to Havana and Guatemala; 25 Days all expenses, \$265 up, to Guatemala (2 weeks in highlands) with call at Havana. Ask about other services from New York and New Orleans.

For colorful descriptive cruise folders ask or write any Authorized Travel Agent, or United Fruit Company, Pier 3 North River, or 632 Fifth Ave., New York. Also offices in Boston, Philadelphia, Washington, D. C., Chicago, New Orleans.

## Great White Fleet





*Arizona Limited*

**SOUTHERN PACIFIC**

**NEW, FAST  
STREAMLINER TO  
Southern Arizona**

From now until March 31, Southern Pacific-Rock Island's new streamliner *Arizona Limited* will leave Chicago every other day for the sunny resort and guest ranch country of El Paso, Tucson and Phoenix. All-Pullman, all rooms, extra fare. For folder, write O. P. Bartlett, Dept. HG-1, 310 So. Michigan Ave., Chicago, Illinois.

**S·P**  
**The Friendly  
Southern Pacific**

## Look Into This Instant Action Hot Water Heating

**YOU** have heard it said that hot water heating is slow. And it was slow before Burnham designed the new automatic instant heating hot water system, that's just as quick as steam and often even quicker.

The Burnham Slenderized Radiators are 40% smaller. There's only one pipe from the boiler instead of two, and that one is half the ordinary size.

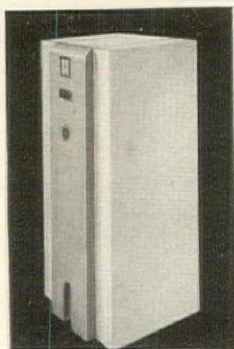
With steam heating it's either all on, or all off. But with this new Burnham System there's a heat hang over in the radiators. That means there's none of that heavy so often your rooms getting a creepy chill.

And another thing. This system pays for its slightly higher cost in the fuel it saves. Of that there's not the least doubt.

Send for "Home Heating Helps" booklet. It tells you not alone about this Instant System, but numerous other things about home heat comfort. It may save you many a dollar.

**BURNHAM BOILER CORPORATION**  
Irvington, New York      Zanesville, Ohio  
Dept. B      Dept. B

*Burnham Boiler*



The Burnham Junior Yello-Jacket Boiler stings your fuel bill.

## WINTER SMILES ON QUEBEC

(Continued from page 21)

prised at some of the lyrics—if you understand them!

When you leave, the cold has dropped in a moonlit blanket over the land. It is bright as daylight, as you stand on the hill before the long schuss down to the inn. The moon gleams on the frozen lake, picks out every village cottage, each with its tiny vertical plume of smoke, every pine standing tall and still in its white, sparkling robe. There is no sound—except far-off sleigh-bells, and your skis squeaking dry on the powder snow. Make a guess at the temperature. Fourteen, maybe, by city standards? Yes—fourteen below—and you have no sensation of cold except the crisp feeling of your breath freezing in your nostrils.

Truly it's Winter's smile you're seeing, as you lie after lunch in a deck chair on the ice-walled terrace, acquiring a golden Winter sun-tan. If it's Sunday you can watch, below on the snow-covered lake, the new sport introduced last year—snörekjöring. It's like skiing-jöring, except that one of the two-man team rides the horse, the other skis behind. A race of four teams, from neighboring châteaux, is a Sunday afternoon event—exciting to the Derby to watch or to ride in!

So far we've emphasized skiing, because it's the Number One Canadian Winter sport. But there are myriad other ways to amuse yourself: skating on Lac Beauport near Quebec, thrilling hockey games, curling, driving behind a team of huskies, and just plain sitting and sleeping and watching the sun on the white slopes.

And wherever you go, the hospitality, French or British, will be the same. For the benefit of you who are planning to take our advice and skip the Winter blues, here is a list of Laurentian ski spots which we can heartily recommend.

**Nymark's Lodge**, St. Sauveur des Monts (Piedmont Station), 45 miles north of Montreal. St. Sauveur is a mecca for the younger crowd of ski enthusiasts, and Nymark's houses most of them within its hospitable walls. The inn is situated right at the foot of Hill 70, the best-known downhill in the southern tier of the Laurentians.

**The Chantecler**, Ste. Adèle en haut (Mt. Rolland Station), 49 miles north of Montreal. An early Canadian stone *château*, pine-panelled and homespun-curtained throughout—and completely modern. Under Chantecler's direction is the Ste. Adèle Ski School, recognized for this district by the Canadian Amateur Ski Association. Among the instructors are the famous Cousineau brothers, one of whom, Viateur, was 1940 all-round Canadian champion. Four ski tows are virtually within a stone's throw of the inn, and up behind it are the expert Goodeve and Mac-Taggart runs—as fast as any to be found in the East.

**Châlet Cochand**, Ste. Marguerite Station, 54 miles above Montreal. This is predominantly French Canadian, and gathers a gay young crowd who know good food and wine as well as

good skiing. The Alpine Hut is above the Châlet, on the top of Twin Mountain; you can go up to it in a steel cable car to have tea or lunch before your run down.

**The Alpine**, Ste. Marguerite Station. The old Alpine, destroyed by fire, has been replaced by a brand new deluxe log *châlet* which is a favorite with Canadians who come up from Montreal. The Alpine Ski School, headed this year by Czechoslovakian Josef Weider, is an authorized school of the C.A.S.A., and carries on instructions on the easy golf course slopes or the steeper inclines of Hill 60. Also within easy distance are the slopes of Hill J. C., and the slalom and downhill on Mt. Baldy.

**Domaine d'Esterel**, Ste. Marguerite Station. Here's the place for you if you like your skiing in a dramatic modern setting. The main building, Hotel de la Pointe Bleue, is a streamlined structure of concrete and glass brick, perched on a wooded point overlooking beautiful Lac Masson. The nearby Community Center houses twenty modern shops, a movie theater, and a dance pavilion which attracts top orchestras. The Domaine maintains three open slopes served by tows.

**Far Hills Inn**, Val Morin, 56 miles above Montreal, is the place to go if you want a real rest, and complete peace and quiet. Besides fine skiing on Hill J. C., there are snowshoeing, tobogganing and sleighing. And most of all, the company of congenial friends at tea, on the wide stone terrace high up on Mt. Gilbert.

**Laurentide Inn**, Ste. Agathe des Monts, 63 miles above Montreal. On beautiful Lac des Sables, Laurentide offers 125 miles of well-marked trails within ten miles of the inn. The Little Alp Ski Club offers excellent instruction, through the medium of Henrik Reusch and Eddie Huber; and there are three ski-tows, on Little Alp, Baumgarten's and Hill 100, within easy distance. As an added attraction, there is the Hockey Coliseum in the village, and driving behind Siberian huskies.

**Gray Rocks**, St. Jovite, 80 miles from Montreal, is really in the heart of the north country—and Northern Lights up here seem near neighbors. Stay at the Inn, or in the little neighboring log cabins which accommodate four or six. Here is the Snow Eagle Ski School, under the direction of Hermann Gadner, eight years instructor at the famous Ober-Gurgl ski school in the Austrian Tyrol, and former cross-country champion of Austria.

The Gray Rocks plane will pick you up at Montreal and take you direct to the inn, landing on frozen Lac Ouimet just below—which is also the setting for tobogganing and hockey. As for trails, there are 125 miles of them, in addition to a 35-meter jump. Two other favorite sports are ski-jöring, and driving behind the famous Seppala Kennels Siberian huskies.

**Mt. Tremblant Lodge**, 90 miles  
(Continued on page 56)



# LOOT FOR JACKDAWS

(Continued from page 38)

hunting up antiques and curios, the justification for this form of hobby lies in the manner one uses his quarry once he has brought it home. Let it become a part of the everyday surroundings of his house. Let it fill the rooms with the atmosphere of adventure and romance.

Richard A. Bach, one of the learned curators of the Metropolitan Museum of Art, divides hobbies, as Caesar did Gaul, into three parts, viz.:

(1) The crafts hobbies—making use of the hands. Carpentry, carving, binding books, embroidery, working petit- and gros-point are crafts hobbies.

(2) The hoarding or collecting hobbies, which in some cases fall under the heading of the "fine arts" and may become valuable enough to be turned into cash by the collector or his heirs.

(3) The curio-collecting hobbies which are just pure and simple fun.

To a great or less degree, everyone pursues some such hobby. The acquisitive, magpie instinct is common to us all. Many more people would collect something if they could only hit on some object or kind of object that appeals to their fancy.

HOUSE & GARDEN, always willing to help its readers, suggests the following subjects for those who can't quite make up their minds where their collecting enthusiasm should run. This list includes both expensive and inexpensive tastes, items difficult to find and items easy, those that can be displayed in the home to serve as decoration or for everyday use, and those that have to be kept in cases, cabinets or portfolios. If you do not find your hobby here, let HOUSE & GARDEN know about it.

**Decorative:** music boxes, snuff boxes, trinket boxes (Battersea enamel, etc.), fans, paperweights, old prints and maps, penny banks, primitive paintings, primitive carvings, miniatures, daguerreotypes, samplers, quilts, needlepoint (bellpulls), tapestries, hooked rugs, laces.

**Furniture:** Queen Anne, Chippendale, Hepplewhite, Sheraton, Duncan Phyfe, Hitchcock, Windsor, Victorian (English and American), etc.; highboys, secretaries, desks, sideboards, chairs, card tables. Knife boxes, wine

coolers, varieties of work tables, etc.

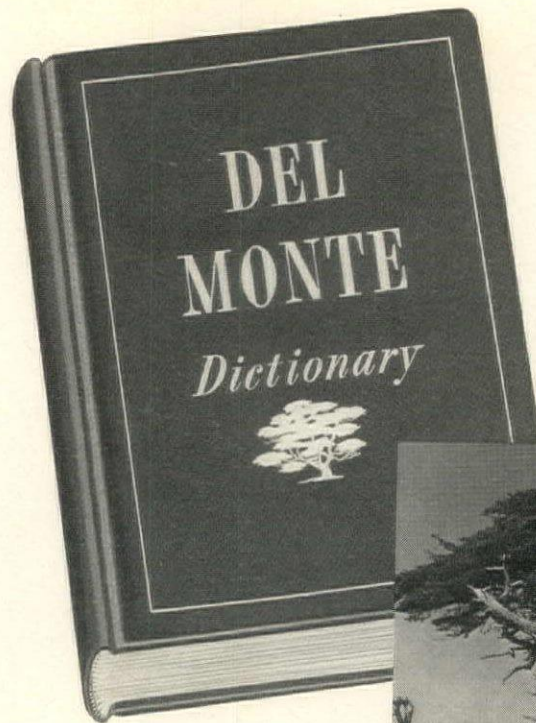
**China:** Meissen, Dresden, Sèvres, Lowestoft, Spode, slipware, spatterware, lusterware, jasperware, Gaudy Dutch, Wedgwood, Chelsea, Worcester, Staffordshire, Crown Derby, Bristol Delft, etc.

Cups, plates, platters, pitchers, sugar and creamers, tureens, butter plates, celery, saltcellars, sauceboats, hens-in-nests, lamps, etc.

**Glass:** Venetian, German, English, American, Bohemian, Lalique, Sandwich, Stiegel, Waterford, Bristol, milk, overlaid, hobnail, blown, pressed patterned, swirl, etc.

Souvenir spoons, ceramics, pottery (Majolica, Faience, Delft, stoneware, salt-glaze, etc.), lamps, carriage lamps, lighting devices, lanterns, pewter, bookmarks, bookplates, bric-à-brac (bibe-lots, statuettes, figurines, "Cottage Ornaments"), animal figurines (cats, dogs, deer, horses, cows, etc.), hands, slippers, hats, bottles (patent medicine bottles, etc.), perfume bottles, flasks, inkwells, mirrors, mugs and jugs (shaving and drinking), sea shells, shawls, textiles, chintz, clocks and watches (time-pieces), bells, armor, locks, fish balls (glass buoys), West Coast kitchenware (butter moulds, cookie cutters, etc.), cookbooks (old), candle moulds, Valentines (old), Christmas cards (old), chess pieces, bandboxes, bellpulls, decorated nailheads, ivory, first editions; music (musical instruments), records, sheet music (old); brackets, tin sconces, door knockers, door stops, baskets, blackamoors, decorated tiles, wall-paper, girandoles, candlesticks, snuffers and trays; brass (braziers, kettles, fireplace, etc.); copper, ship models, coach models, glass portraits (wax, hair, etc.), silhouettes, samovars, Oriental objects of art, "hair" pictures, lockets, brooches, rings, etc.

**Other Classifications:** dolls, doll houses, jewelry, buttons, medals, coins, marbles, autographs, stamps, mineral stones, buckles, theater programs, old charms, stereopticon views, firearms, personality Americana (Lincoln, Franklin, Washington, etc.), fire-fighting apparatus, manuscripts, railroadiana, auto plates, figureheads, cigar store Indians, canes, cigarette cards.



**Abalone:** A delicious shell fish found along the Monterey Coast and featured at Hotel Del Monte. Wait till you taste it!



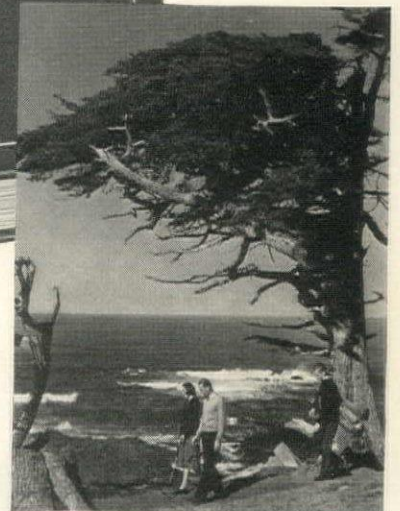
**Bali Room:** Where Del Monte guests dance beneath exotic Balinese murals.

**Cullen, James:** The only great chef who was born and bred in America. His memory for the favorite dishes of Del Monte guests is prodigious.

**Del Monte** (Spanish for "Of the Forest"): A 20,000 acre playground of forest, seashore and mountains on the Monterey Peninsula, three hours south of San Francisco. Here you'll enjoy the renowned hospitality of Hotel Del Monte.



**Golf:** The sport for which Del Monte is most famous. There are four great courses near the Hotel.



**Monterey Cypress:** Picturesque tree found only on the Monterey Peninsula.

**Pebble Beach:** Across the Monterey Peninsula from Hotel Del Monte. Many fine homes here—also Del Monte Lodge and the spectacular Pebble Beach golf links.

**Rates:** At Hotel Del Monte, rates begin at \$9 each for two, including meals.



**Roman Plunge:** Luxurious swimming pool on the Del Monte grounds.

**Seventeen Mile Drive:** World-famous scenic drive around the Monterey Peninsula. Toll free to Del Monte guests.

**Weather:** Del Monte's climate is always spring. You can play outdoors every day of the year.

**Write:** to Carl S. Stanley, Manager of Hotel Del Monte, Del Monte, California, for a forty-page souvenir magazine describing life on the Monterey Peninsula, and a colored map.

## HOTEL DEL MONTE

America's Greatest Resort ★ Del Monte, California

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dusty rose, off-white (beige), blue, rust, gold, Mexican mixture, black-and-white mottled. Also white. Bath sets, too. At fine stores everywhere; priced so low that you can ROMAC every room.

**McCALLUM & ROBINSON, Inc., Memphis, Tennessee**





### STOP Withering HEAT-PARCHED AIR NEW PROTECTION against the drying indoor air of winter

AT LAST! From the "inventor" of air conditioning, Dr. Willis H. Carrier and his associates, comes the answer to the common winter problem of heat-parched indoor air.

Each winter, dry, moisture-robbled air takes its toll of your home and of yourself: withers flowers, dries your skin, ruins furniture, makes you susceptible to colds and other ailments. Now, the new Carrier Humidifier offers protection against these winter experiences—adds healthful humidity to the air in your home. It saves on fuel too, for proper humidity means comfort at lower room temperatures.

The Carrier Humidifier operates on a new principle of pre-evaporation. There is no misty spray; no dampness. Moisture is completely absorbed by the air before it leaves the cabinet. In benefits to health and comfort it more than pays its own small cost. Send coupon for free booklet.

**New!**

Designed by Lurelle Guild to be decorative as well as useful. Scarcely larger than a table radio. Only 24" high. Flow of humidified air is constant. **\$57.50**

F. O. B. Factory



**Carrier  
Humidifier**

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CARRIER CORPORATION Desk 35A  
"Weather Makers To The World"  
Syracuse, N. Y.  
(In Canada: 30 Bloor St. W., Toronto, Ont.)

Yes! Please send me the FREE BOOKLET that tells how to bring the perfect humidity of a June day to my home or office with the new Carrier Humidifier.

Name.....  
Address.....  
City..... State.....

## QUESTIONS AND ANSWERS

### Maximum Spread of Chandelier

QUESTION: I see crystal chandeliers in the interiors you show but cannot determine their proportionate size. My dining room is 12' x 12' and 8' high. Is a chandelier with 20" spread too large for this size room?

ANSWER: In order to determine the maximum spread of a chandelier to be used in a certain room, the usual procedure is to add the width and length of the room, divide by two and multiply by one and a half. Therefore, your chandelier should not be more than 18". The minimum spread of a chandelier may be figured by multiplying by 1 1/4. The proper height of the chandelier is estimated by having the bottom-most tip about 5' 9" from the floor. Don't measure from the ceiling.

### Broiled Grapefruit

QUESTION: While dining out recently we were served broiled grapefruit which was glazed on the top. It was so delicious that I wonder how it was done.

ANSWER: There are probably a variety of ways to glaze grapefruit but here is a good simple method:

Cut the grapefruit in half, scoop out all the seeds and loosen the skin sections. Sprinkle the top with brown sugar and a little cinnamon. Pour an ounce of cherry or apricot brandy, or Triple Sec, over this. Put under the broiler and glaze gradually. It should be served hot.

### Paint Styling for Spanish House

QUESTION: We are building a Spanish type house here in California and are undecided about the color scheme. Will you suggest one or two?

ANSWER: First of all, we would recommend your looking carefully at the colors of the adjoining houses and the natural surroundings of your house. Generally speaking, the roof should be bright, and the body of the house between a light and medium tone of the color selected. Make the trim and sash darker than the walls. If shutters are used, have them a different color—also the doors.

Here are some popular colors. *Roof:* terra cotta, variegated bright colors or dark gray; *Walls:* white, buff, light ivory, medium ivory; *Trim:* medium yellow, light blue, dark brown, medium yellow-green, terra cotta; *Sash:* dark brown, light ivory, light blue, medium yellow-green, terra cotta; *Shutters:* light blue, bright blue, terra cotta, dark brown; *Door:* dark brown, terra cotta, light ivory, white and lemon yellow.

### Decorative Outdoor Stairway

QUESTION: We have just purchased a Mediterranean style house which has an exterior brick stairway. On the wall side there are ledges on which we can  
(Continued on page 55)

EDITOR'S NOTE: The price for the extension table by Michigan Artcraft, shown on page 83, Section I of our December, 1940 issue should have read "\$69".

# WRITE FOR THESE BOOKLETS

reviewed by House & Garden



Just write to the addresses given for any of these and other interesting booklets in The Gardening Section, page 46. They are free unless otherwise specified.

## HOME FURNISHINGS

### MODERN FURNITURE

is the title of Modernage's new booklet of modern interiors and individual pieces. Here are some of the finest examples of the combination of modern technique of design and good taste. Its 38 pages are well worth studying. Send 15c. Modernage, Dept. HG-1, 162 East 33rd Street, N. Y. C.

### BEAUTY THAT ENDURES

Illustrates sixty charming and extremely practical gifts in Kensington metal—everything from an ash tray to a complete coffee service—for your home, and for every bride and hostess on your gift list. Kensington, Inc., Dept. 53, New Kensington, Pa.

### HOW TO SELECT THE RIGHT LAMPS

which will harmonize nicely with your other home furnishings, is the subject of this booklet. Generously illustrated with photographs of floor, reflector and bridge lamps and showing interiors complete with appropriate lamps, the book goes on to offer intelligent suggestions on how to make your choices. Write to Artistic Lamp Mfg. Co., Inc., 395 4th Ave., N. Y. C.

### EARLY AMERICAN GLASS

came into being at Sandwich, Mass. In 1889, two years after the Sandwich factory closed, the Westmoreland Glass Co. began making authentic reproductions and have been at it ever since. Send for their pamphlet which reveals their skill. Westmoreland Glass Co., Dept. HG-1, Grapeville, Pa.

### CANDLES—JEWELS OF LIGHT

hand carved, scented, multicolored or plain, in scores of different shapes, are the concern of Antonio Ajello & Co. master candle makers for 165 years. The Ajello family have many secrets of perfuming and making candles known to them alone. Send for their illustrated folder. Antonio Ajello and Bros., 357 East 124th Street, New York City.

## BUILDING & HEATING

### MASONITE

In Home Design Construction and Decoration is a book brimful of ideas—with room schemes in full color, and photographs showing homes with Masonite Insulation—wall treatments built with Presdwood, and kitchens immaculate with Temptrite walls. Masonite Corp., Dept. HG-1, 111 W. Washington St., Chicago, Illinois.

### WOOD FOR BUILDING

because it's cheaper both originally and to maintain, because it's adaptable to any architecture, easier to work, more comfortable, durable, safe, and lends itself to later additions and improvements, both inside and outside your house, is a matter for every home planner to consider. Write for two booklets to Timber Engineering Co., Inc., Dept. C-12, 1337 Connecticut Ave., Washington, D. C.

### THE GLAMOUR OF GLASS

as an integral part of building and decoration in the home is discussed in a beautifully produced pamphlet. The age of glass in the home has arrived. You can learn all about it in "Ways to Improve your Home with Pittsburgh Glass". Write for booklet. Pittsburgh Plate Glass Company, 2079 Grant Bldg., Pittsburgh, Pa.

### HODGSON HOUSES AND CAMPS,

catalog of a manufacturer who has been producing prefabricated homes since the "gay 90's", shows photographs, floor plans, prices of attractive ready-to-put-up homes—and includes camp equipment, garages, E. F. Hodgson Co., 1108 Commonwealth Ave., Boston, Mass.

### A PORTABLE HUMIDIFIER

for home or office is Carrier's newest antidote for the heat parched air which is produced by steam and hot air heating. It took 3 years to develop this completely portable, lightweight, very attractive solution to winter discomfort. Write to Carrier Corp., Desk 35A, Syracuse, New York.

## BUILDING & HEATING (Cont'd)

### FOR YOUR BATHROOM AND KITCHEN

there is a plastic just recently made available to the general public—Formica. Used in the finest ships, trains, and hotels, it is nearly as impervious to everything as a diamond. There are more than 70 colors. Formica Insulation Co., 4616 Spring Grove Ave., Cincinnati, Ohio.

### BURNHAM HOME HEATING HELPS

will help you decide which type of heating system is best suited to your needs. It expresses an impartial view of the various types of heating systems and the burning of various types of fuel. Burnham Boiler Corp., Dept. HG-1, Irvington, New York.

### THE DELCO OIL BURNER

is the result of nearly 10 years of research by the General Motors Co. More than 500,000 people now enjoy the modern winter comfort it provides. Write for this descriptive pamphlet to Delco Appliance Div., 391 Lyell Ave., Dept. HG-1, Rochester, N. Y.

### THE DOOR TO A NEW LIFE

is an illustrated story of the Shepard Homelift, easily installed in any home, operating on any lighting circuit. Shepard Elevator Co., Dept. HG-1, 2429 Colerain Ave., Cincinnati, Ohio.

## TRAVEL

### THIS IS MIAMI BEACH

is a handsome booklet of colored pictures depicting all the numerous attractions of Miami—its natural beauties, homes, people, hotels and recreations. General information about accommodations is included. Miami Beach Chamber of Commerce, Dept. HG-1, Miami Beach, Florida.

### TUCSON.

A pictorial booklet tells the "complete facts about life in the land of sunshine," and the scenic splendors of this Arizona resort—caves, cactus forests, Indian ruins, historic missions—not forgetting the modern accommodations available for guests and residents. Write to Sunshine Climate Club, 2059D Rialto, Tucson, Arizona.

### NANI O HAWAII

means Beauty of Hawaii, and it's captured in the pages of this beautiful booklet. Lavishly illustrated in full color, it tells almost too much to let you rest easy until you can get away to the land of perpetual May. Hawaii Tourist Bureau, Dept. HG-1, 215 Market Street, San Francisco, Calif.

### DEL MONTE

is a vacation land equally blessed by God and man. Hotel Del Monte and Del Monte Lodge are situated in the middle of five golf courses, hundreds of acres of forest, miles of bridge-paths, and lookout on beautiful Monterey Bay. Write for booklets to Hotel Del Monte, Dept. HG-1, Del Monte, California.

### THE DESERT INN.

Send for the folder picturing this vacation hotel that preserves the tradition and spirit of early California. It will give you rates—and views of the 35-acre park that provides "everything under the sun for entertainment". Desert Inn, Box 10, Palm Springs, Cal.

### TOURS IN QUEBEC

is more than just a booklet; it is a complete 80-page book which describes in detail the importance and beauty of the province and takes you on history and beauty laden trips from the Laurentians to the Gaspé Peninsula. Also every other sort of information you could possibly need. Province of Quebec Tourist Bureau, Dept. HG-1, Parliament Bldgs., Quebec City, Canada.

### THE GREAT WHITE FLEET.

The peaceful ports of the Caribbean are being served just as faithfully and dependably as ever by the United Fruit Company's spotless fleet. Write for their booklet which details rates and ports of call for cruises ranging from a week to sixteen days. United Fruit Company, Dept. HG-1, 632 Fifth Avenue, N. Y. C.

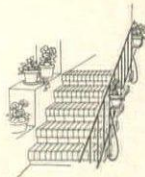


## QUESTIONS AND ANSWERS

(Continued from page 54)

place flower pots but the wrought-iron railing on the other side seems too plain. Do you think I could train a vine on the balusters in some way?

ANSWER: It is our feeling that the simplicity of the wrought-iron railing

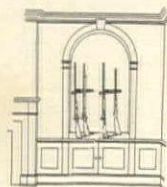


gourds are apt to fade after maturity if left in the hot sun. Guard against surface scratches. Give them plenty of time to ripen and thoroughly dry out before painting. White shellac or clear lacquer may be used to paint them, although it is not essential for their preservation. If your Lagenaria gourds are of the dry, hard-shell variety, you will probably have to roughen the surface with emery cloth or sandpaper before the finish is applied.

### Gun Rack for Old Firearms

QUESTION: Can you give me any suggestions for housing a collection of old firearms? They will be put in a panelled room which is to be used as a man's den. There is unbroken wall space on either side of the fireplace on one long wall. The collection consists of 12 guns, some fencing foils, pistols and rapiers.

ANSWER: If you have two corresponding wall spaces on either side of the



fireplace, you could have two gun racks built like the one illustrated. The fencing foils could be crossed over the fireplace held together in the center by a metal clamp. The pistols can be arranged underneath the rack.

against the stucco is very much to be desired, however, you could have gracefully curved braces with rings for flower pots attached to the stair rail, as illustrated, and fill the pots with bright flowers or trailing vines.

### Harvesting and Curing Gourds

QUESTION: When is the best time to harvest gourds? I have planted mostly the Lagenaria gourds, those with white flowers.

ANSWER: Gourds can be harvested when they start to turn brown or when



the leaves die, following maturity. Store them in a dry, cool place, as some

## 1940 PRIZE WINNERS

(Continued from page 25)

more rigorous latitudes. We are not convinced, however, that this state of affairs is permanent; our Second Prize winner in Class II is an indication of a trend in the North and East.

Our sincere thanks are due to all the home-owners and architects who made

it possible for us to show our readers hundreds of outstanding houses and plans during 1940.

During the coming year HOUSE & GARDEN's twelve double numbers will again be open to the best in American residential architecture.

### ★FOR THOSE WHO SHOULD NOT CLIMB STAIRS

#### Avoid Needless Heart-Strain

Doctors warn that stair climbing is a dangerous form of over-exertion, especially for those with an unsuspected heart condition. Sedgwick Residence Lifts are recommended and used by physicians, and provide maximum operating economy as well as safety, durability and attractive appearance. Readily installed in your home. Fully guaranteed. Moderately priced. Deferred payments.

Illustrated booklet on request.

SEDGWICK MACHINE WORKS  
146 West 15th St. New York

**Sedgwick**

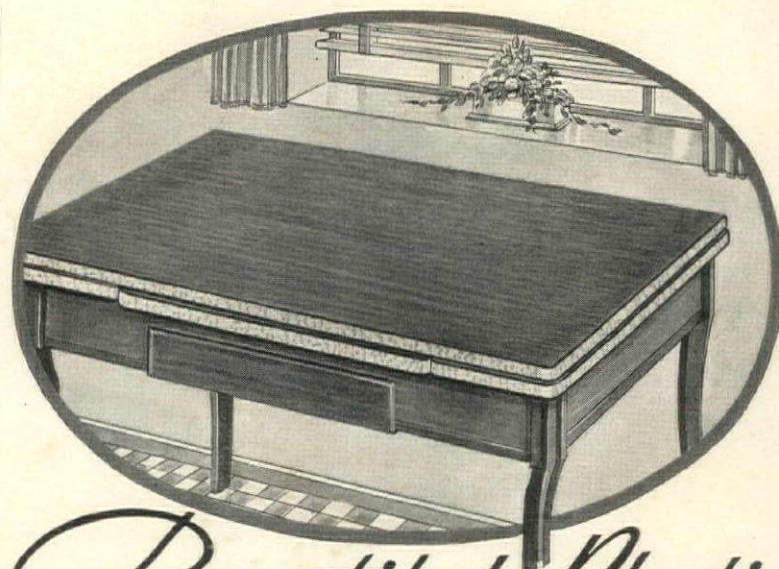
### RESIDENCE ELEVATORS

In New York inspect typical installations at our office



### STAIR-TRAVELERS

Also Trunk Lifts  
Fuel Lifts  
and Dumb Waiters



## Beautiful, Plastic, FORMICA TOPS FOR DINETTES!

Depth of color and beauty of surface are available in dinette tops of Formica now offered by all leading makers of breakfast furniture. The material is very hard and durable. It does not spot with any liquids associated with food or drink, stands 250 degrees of heat, doesn't chip, and will retain its original appearance after years of use.

This is the same material that is used for hard wear in restaurants, hotels, trains and ships of the first class.

It is available in handsome colored, mottled, wood and inlaid finishes in a wide variety of colors. When you buy dinette furniture be sure to ask for it. Literature in color on request.

**FORMICA**

THE FORMICA INSULATION COMPANY  
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FOR FURNITURE AND FIXTURES

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Stewards in leading clubs and hotels know what a difference fine Vermouth makes. That's why today they are choosing—Taylor's. Try them in cocktails—or alone. You'll agree these Vermouths are rightly placed among the world's finest!

Alcohol 18% by Volume

FROM THE FAMOUS CELLARS AT  
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**TAYLOR'S**  
NEW YORK STATE  
Vermouth

DRY OR SWEET

FREE! "Leaves from the Table of George and Martha Washington." Rare recipes from Old Virginia—made practical for today. Write to The Taylor Wine Company, Hammondsport, New York.



**GOLDEN BELL GREETINGS Say It FOR YOU**

Whether the occasion be one of joy or sorrow, a wedding or anniversary, a birth or a birthday, use Golden Bell Greetings to convey your sentiments. They will make friends and improve friendships. Always original, always in good taste, there is a Golden Bell Greeting for every occasion — to help you "Remember the Day This Charming Way".

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FABRIC COLORS  
WITH **PAINT!**

**MARTIN-SENOUR**  
Offers 1512 Different  
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## WINTER SMILES ON QUEBEC

(Continued from page 52)

north of Montreal, is the largest and most luxurious of the Laurentian resorts, with almost 75 rooms in the inn and forty cabins. In the best ski terrain in the East, it attracts top skiers from all over the country; and on the thrilling Kandahar and Taschereau downhill runs are held the Canadian championship events. Here, too, is the first chair lift, Canada's finest, 4900 feet long, which whisks you up 1300 feet to the top of Mt. Tremblant—where you have a choice of a dozen trails to take down. Now under construction is a second lift running from the top of the first to the fire tower. Due to Canada's overwhelming defense demands for structural steel, this won't be ready until mid-January, but late-season skiers will put it to good use.

On the specially designed practice slopes, Erling Ström, ranking Norwegian expert, and Hans Falkner, give both group and individual lessons. Here is the end, too, of the famous Maple Leaf Trail, 85 miles long, which winds continuously down through the mountains, touching at most of the Laurentian spots we have mentioned.

Manoir Pinoteau is also on Lac

Tremblant and is one of the original French Canadian inns in this section, having been in operation for many years before Mont Tremblant Lodge. If you wish the advantages of the Tremblant terrain and wish to stay in a small, typically French inn, Manoir Pinoteau will delight you. The rooms are very well appointed; the French Canadian hospitality is even better than it should be. The Tremblant chair lift is, of course, available for guests.

In Quebec City, high above the St. Lawrence and the roofs of the old town, is the Chateau Frontenac, a turreted castle reminiscent of Canada's French Colonial days. Here, centering around neighboring Lac Beauport and Mont St. Castin, are all the Winter sports imaginable, from the quarter-mile triple-chute toboggan slide, to the 4000-foot Mont Tourbillon downhill run and an exacting slalom course. Visitors here may stay at Manoir St. Castin, which is under the Chateau's direction. The Frontenac Ski-Hawk School at Lac Beauport offers lessons from outstanding Canadian and European experts, and there is thrilling ice hockey in the Quebec Arena.

## MAPLE-LEAF MENUS

(Continued from page 51)

or more small gingersnaps. Before serving, add 1 cup of sour cream. Remove game to a hot serving platter. Reduce the gravy, strain into a separate utensil, reheat, pour over meat.

Serve either the hare or the venison with an accompaniment of currant or spiced grape jelly, and a good supply of boiled parsley potatoes.

**Rabbit stew.** The directions for rabbit stew I shall quote verbatim as it was given to me.

"Cut up a rabbit into small pieces. Put a piece of butter the size of an egg in a saucepan, and when the butter is hot put in ½ pound of salt pork, cut in dice, with 12 small white onions. When both are browned, add the meat and let it, in turn, get brown.

"Then sprinkle over it 1 tablespoon

of flour and stir. Add ½ pint of white wine and 1 pint of bouillon. Make a small bundle of parsley; add 2 bay leaves, a bit of thyme, and pepper. Let cook rapidly without covering for about thirty minutes, or until the meat is tender. Arrange the meat on a dish, strain over it the gravy, and serve with the onions placed around it."

Of course, I suspect that my hostess had in mind a very young rabbit, and she included no nonsense about casseroles or preheated platters. Or for that matter, about California white wine and canned bouillon as substitute ingredients! I myself, when following her directions (which are excellent basically), have indulged in these sophisticated innovations. I cooked my rabbit rather longer, too—and the results were deliciously gratifying!



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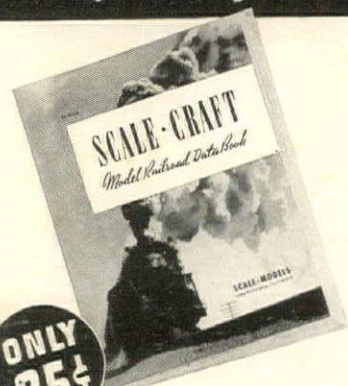
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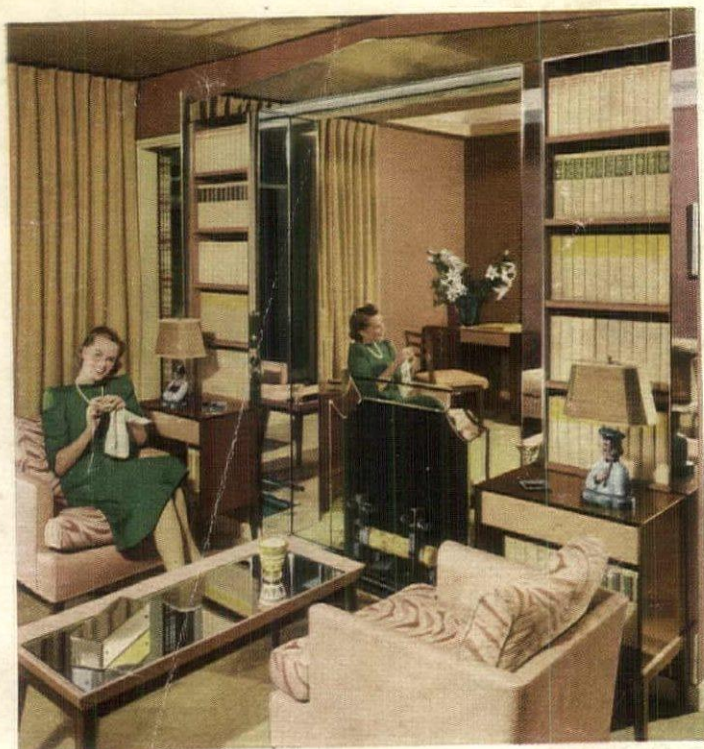


# Why a famous Hollywood chef wants GLASS WALLS IN HIS KITCHEN



**CHEF MILANI**, who reveals his food secrets to regiments of California housewives over the radio every day, in his Hollywood home has the gay, charming kitchen you see at the right.

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# HOUSE & GARDEN'S

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## Gardener's Yearbook

FOR JANUARY 1941

FOR the third time, HOUSE & GARDEN presents its Gardener's Yearbook. Its readers by now have acquired the habit of looking for it, depending on it for simple, practical instruction as well as news on what is new among the flowers. Written in simple terms, it can be used by the veriest beginner.

While three successive January publications of this Yearbook could scarcely be said to make this yearly effort an institution, yet behind HOUSE & GARDEN, now entering its 40th year, lies a long stretch of gardening service that we are proud to display. In those long years names of garden giants spring from the pages—Louise Beebe Wilder, Herbert C. Durant, Ernest H. Wilson and many another name that spells leadership in this partic-

ular field. HOUSE & GARDEN's gardening articles have always been written by experts. Their judgment is not swayed by pressure or the fad of the moment; it is based on trial and experience.

Since a leader must lead, it has been HOUSE & GARDEN's privilege to find popular acceptance for many valuable plants not commonly known. If at times we have been ahead of the crowd, our advanced position was justified by the merit of the plant itself. Whether it has been rock gardens or a new plant brought back from the Far East or the popularizing of herbs, new roses, peonies and iris, HOUSE & GARDEN has gladly served its part—and it is proud to have served—in the advancement of American horticulture and the spread of gardening.

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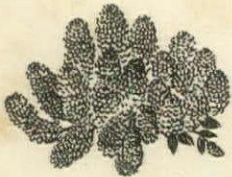
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# Gardens out of seed catalogs

## Low for edgings



CANDYTUFT



AGERATUM



VERBENA



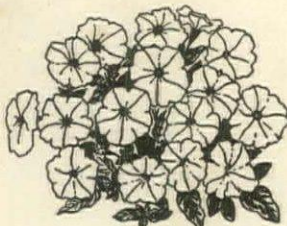
PANSIES



LILIPUT ZINNIAS



FRENCH MARIGOLDS



PETUNIAS



PHLOX DRUMMONDI

**A** YOUNGSTER let loose in a candy shop and a beginning gardener in a seed catalog are in the same fix. So many temptations bewilder them. They don't know where to start.

Let's begin with the catalog as it opens before you. Long before this time you should have decided where you want to make a garden, how big a garden you want to make and what kind. Beginning gardeners should open their first Spring with annuals, those quick-growing, quick-flowering, one-season plants. Or perhaps this will be only a temporary garden for a rented place. How can you plan a garden of annuals from a seed catalog?

**LISTING PLANTS.** Start with paper and pencil and begin listing plants according to (1) color, (2) height, (3) form of flower and (4) type of foliage. Thus, ageratum Midget Blue by its name locates this plant as an edging for the front of the garden. That it grows in a mound indicates that a number of these plants set along an edging will make a series of mounds and in the mass give a rope effect. Hollyhocks are tall and would serve in the back line. Morning glory Heavenly Blue will reach even higher, on the fence or through the trees behind the garden. Wallflowers are lowly plants and could come immediately behind the ageratum, whereas cleome grows 4'-5' and is in front of the hollyhocks. In this way you begin to visualize the various heights of the garden.

Form of flower offers other variants—the spires of larkspur and snapdragons, the lowly white clouds of gypsophila, the button heads of scabiosa, the colorful discs of zinnias, the little suns of annual chrysanthemums and gaillardias.

Next comes form of foliage—the feathery foliage of the French and African marigolds and cosmos, the stout foliage of calendulas, the distinctive growth of balsam, the starry leaves of lupines. Here in foliages there are contrasts one should remember, since contrast in greenery gives added interest.

**SELECTING COLORS.** At first this is apt to be confusing because so many annuals come in a number of colors. Count the colors of zinnias, of petunias, of asters, of salpiglossis. To avoid further confusion one should decide on a color scheme or a series of color groupings in the garden. Let's decide on a pale yellow, orange, white and blue garden. There are pale yellow African marigolds, snapdragons, calendulas, celosia, California poppies, hollyhocks and pansies, to name only a few. In the orange group are zinnias, cosmos, gaillardia, French marigolds, wallflowers and lantana. In the whites they run from the lowly sweet alyssum, through the next higher poppies, to zinnias and white hollyhocks and cosmos. Blue will be furnished in varying heights and tints from the small browallia to asters and salvias.

White should be used as the transition between two colors—white zinnias, for instance, between the pale yellow of marigold Sunrise and the gold of cosmos Orange Flare. On the other hand the blues and pale yellows will contrast well together, as do the oranges and whites.

**COLOR DRIFTS.** This paper planning is great fun—only it has many pitfalls. We must avoid making the annual garden a jumble with little dabs of this and that here and there. For the sake of good design, then, limit the kinds of flow-

## Tall for back of border



COSMOS



CLEOME



HOLLYHOCKS



AFRICAN MARIGOLD



SUNFLOWER



## Displays of annuals — How to select seed of varieties — Making the plan

ers to the necessary minimum and plant these in large blocks or drifts. Thus your whites are going to be cleome, zinnias and pansies followed by sweet alyssum. Your pale yellows African marigolds, French marigolds, calendulas and annual chrysanthemums. Your oranges zinnias and cosmos, and your blues ageratum, larkspur and scabiosa.

With this decision made, your seed order begins to take shape. You order only those varieties and colors you require. If you are tempted by others and have space for a cutting garden where plants can be grown in rows, order them to your heart's content and your purse's ability. But in making a garden out of a seed catalog, this temptation must be avoided. Ten to twenty kinds are enough.

**THE PLAN.** You have the color scheme now, the heights of the mature plants, variations in foliage and can now begin to place them on your plan. It is a general rule that plants are set apart the distance which is equal to half their mature height. This simple calculation will give you the number of plants required. After that come seed-sowing, transplanting of seedlings and finally putting the thriving plants in their allotted positions, subjects we are taking up in the following pages.

Most annuals enjoy full sun, but there are a few tolerant of shade and some that really require it. *Nicotiana*, the fragrant flowering tobacco, thrives best in a dampish, shady corner; *asperula* or sweet woodruff, and *clarkia*, lupine and *nemophila*, will tolerate shade. Those that seem to enjoy sandy or poor soil are *abronia* or sand-verbena, *portulaca*, the sun plant, *snapdragons*, *godetia*, love-lies-bleeding or *amaranthus* and cockscomb or *Celosia cristata*.

Fragrance, too, is another factor to keep in mind. Four o'clocks or *marvel* of Peru have a sweet odor when the flowers open toward evening; stocks, candytuft, nasturtiums and pansies offer their various scents by day and dusk.

The same principles used in selecting seed for an annual garden are applied to selecting seed as plants for a garden of perennials, the only difference being that the process is slower and that it is wiser to buy some of the plants rather than attempt to raise them from seed.

Moreover, you can be sure of your colors in perennials purchased from a reliable nursery, whereas you can't be sure when you raise them from seed. Raising a vegetable garden from seed is explained later on, with suggested varieties listed.

In most sections of this country it is necessary to introduce annuals into even the most carefully planned perennial garden. This has advantages; color contrasts can change from year to year, since the perennials offer permanent colors and the annuals can differ from year to year as they come in such wide color ranges.

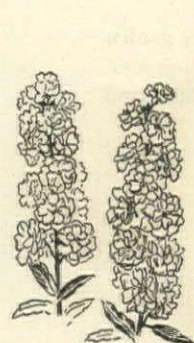
In making this annual or temporary garden, you must not expect too much early bloom. Pansy plants can be bought to start it off; indeed, one can often buy most of the annuals already grown, but then you miss the fun of growing them. It usually requires eight weeks between seed sowing and first flowering of annuals; consequently, if early bloom is wanted, seed must be sown early indoors during March to produce blooms in May. After the 1st of May, it is generally safe to set your annual plants in their permanent positions.

**OTHER ANNUALS.** In addition to a garden of annual flowers, it would be interesting to try gardens of annual foliage plants and vines. Consider some of those easily raised from seed that provide unusual foliage—*kochia* or Summer cypress, *Pennisetum longistylum*, 24" high, and *P. ruppelianum*, fountain and purple plume grass respectively; *ricinus* or castor bean, 15' high, with its red-flowered cousin, *R. sanguineus*; its black-stemmed relative, *R. cambogensis*, 5' with black stems and changing foliage; *R. gibsoni* with deep red foliage, and finally the largest-leaved of all, *R. philippinensis*, which grows to 10' high.

The quick-growing vines include climbing fumitory, *Adlumia cirrhosa*, with pink flowers; the various gourds; balloon vine, *cardiospermum*; cups-and-saucers or *Cobaea scandens* in purple or white; morning glories; the white-flowered hyacinth bean or *Dolichos japonica*; wild cucumber or *Echinocystis lobata*, Japanese hop; and sweet peas.

Truly the annual pages of seed catalogs contain a host of delights which are easy to attain.

## Mediums for middle



STOCKS



ZINNIAS



SNAPDRAGONS



ANCHUSA



STOCK



GODETIA



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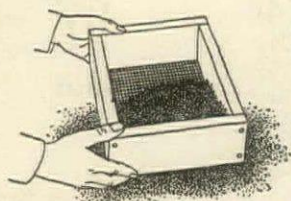


# From seed package to soil

Nine steps required to prepare for sowing seed and in later handling their seedlings



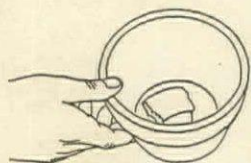
Soil for seeds should be  $\frac{1}{3}$  garden loam,  $\frac{1}{3}$  leafmold or well-ground peat moss and finally  $\frac{1}{3}$  fine sand



Screen each of the ingredients so that all lumps, sticks and stones are thoroughly cleaned out of the soil



Mix ingredients thoroughly and then sterilize the whole to kill the spores of damping-off, so fatal to seedlings



Cover the hole in the bottom of the seed pan with a large crock. Do same with drainage holes of flats



Drainage is given by a layer of smaller pieces of broken pots shaken well together to settle them down



Sphagnum moss, which holds moisture, is then laid over this and the pot is lastly filled with seedling soil

**Y**OUR packages of seeds have arrived. You are anxious to get them into soil. Don't be too hasty. First the soil for them must be prepared to receive them.

The nine steps are pictured on this page. Garden loam, powdered peat or leafmold and sand in equal proportions are sifted until clear of all rough matter. This texture is important. Seeds want to be in close contact with soil particles so that as soon as they germinate they will find anchorage and food.

**SOIL FOR SEEDS.** In the soil there may lurk the cause of seedling death—the spore of the damping-off disease that can wipe out a whole pan of seedlings overnight. Consequently you must sterilize the soil. A number of reliable specifics are on the market, applied in either powder or solution. Follow directions carefully. Another method is to sterilize seeds by dusting them in the packet. They can also be helped in germination by a dusting of hormones.

The next step is the preparation of the seed pan or flat. The drainage holes are covered with crocks, over which is laid a bed of sphagnum moss or peat moss which holds dampness at the bottom of the pot, from which it rises by capillary action.

The prepared soil goes over the drainage, shaken well down so that all crevices are filled, and the excess then brushed off. This top surface is tamped to an even surface, over which you scatter the seed. Large seeds can be set by hand and pressed down into the soil. Smaller seeds need only a dusting of soil above them and then a gentle tamping. Some gardeners use sterilized sand,

peatmoss or powdered charcoal for this final dusting of the flat.

At the time it is planted the soil should be damp enough so that no watering is required. When it shows signs of drying out, either set the seed pans in water or water gently from above with the finest nozzle.

**SOW AND GERMINATE.** Thus prepared, the seed is ready to go to work for you. But there are conditions that can make this work continuous and successful. Heat is the first requisite. A temperature of 55°—60° will be necessary for germination. In the colder months of Spring this must be supplied. Either use a greenhouse or an electrically heated hotbed or raise the seedlings in a sunny room indoors.

When the ground warms up seed can be sown outdoors or in uncovered cold frames, in both of which circumstances texture and sterilization are desirable. Most gardeners start their annuals first and, when the cold frames are cleared of these seedlings, then sow their perennials. Biennials usually are sown in July and August.

**CARE OF SEEDLINGS.** Apart from watering and keeping the temperature right, there is nothing to do until the sprouted seed throws up its true leaves. First comes the cotyledon, then the true leaf. When a few of these have appeared, you start separating.

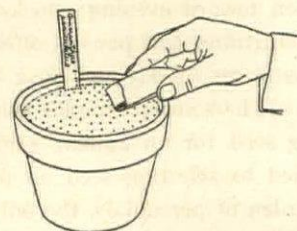
They can be either thinned, by pulling out every other one, or lifted and carefully transplanted. The soil into which they are to be transplanted should be ready. It is the same soil you've used for sowing, only this has also had a dusting of balanced fertilizer mixed into it.



Scrape off excess soil so that you have a flat basis for tamping. Pack soil tight in filling it



Tamp the soil level so that you can distribute seed evenly over the whole sowing surface of pot



Label the pot or rows in flats, sow seed and cover with a dusting of soil to hold seeds down



# Enriching the earth's bounty

## Methods of soil preparation and what they do— Fertilizers and how to apply them

**N**OT until we get down to gardening can we realize that the lovely phrase about "the fullness of the earth" should be taken with a grain of salt. It is full of a lot of necessary ingredients but often some are not where we want them. These we must supply by cultivation, by addition, by fertilizing.

**SOIL PREPARATION.** On the opposite page we brought the plant up to the stage where it will be set permanently in the garden soil. What will it require of that soil? A proper texture, drainage or lack of it according to the nature of the plant, moisture-holding capacity, air, the three essential foods—phosphorus, nitrogen and potash—together with others in smaller doses.

Clayey soils, difficult to penetrate and baking hard in Summer, obviously require opening up. Peat moss, leafmold, stable manure, ashes and sand, worked through clay will bring it up to a desirable tilth. Loose, open, sandy soils, from which the essential food drains away, require to be bound, and the same additions are made except the ashes and sand.

By building up the humus content of a soil, we not alone improve its texture but also its moisture-holding capacity. This is the function of peat and leafmold.

Digging the soil, turning it over season after season, opens it to the elements and, whether we dig shallow or deep, we are letting in air and mixing its components.

**SOIL TESTING.** When we come to investigate what its chemical reaction may be, which determines the kinds of plants that will thrive in it, and what food elements are already contained in it, then the soil must be examined. Either by using a soil-testing set or by having the soil tested by a local experiment station, we find what must be added to it. It may be deficient in one of its three major foods or lacking in some of the smaller ones. To correct these conditions we use fertilizers, either animal manures or chemical combinations, preferably both, since animal manures do not provide a balanced diet.

Some types of plants, trees and shrubs require a special combination of food elements. What the apple tree needs does not suit the rhododendron. Lime is not a cure-all, although often some soils need this cal-

cium; rather its more important function is to stir into activity certain soil elements.

**COVER CROPS AND MANURES.** Even on the small place it is possible to build up the texture and food content of the soil by growing and digging in cover crops. Vetch, clover and soybeans will add nitrogen; rye and hairy vetch will add to the texture.

Animal manures vary in food content and their value depends on how carefully this content is preserved by careful handling. They should never be placed in close contact with the root systems of plants. Well-rotted, with leaves and sod, they make ideal loam. When spread and dug into the garden, use 70 lbs. to 1000 sq. ft. These same manures may be had in dried form or in combination with commercial humus.

**FOOD FOR PLANTS.** The eleven mineral elements essential to the normal growth of plants are nitrogen, phosphorus, potassium, magnesium, calcium, manganese, aluminum, iron, copper, boron and zinc. The first three are the most important. Nitrogen, stimulating leaf and stem development, must be applied in restricted doses. Phosphorus induces root growth and helps in the production of fruit and seeds. Potassium provides a tonic to maintain vigor and resist disease.

The symbol PH, referring to the acidity or non-acidity of soil, has become a shining symbol in garden literature. An intensely alkaline soil is PH9.5 and the intensely acid PH3.5. Neutral is 7. Most herbaceous plants, trees and shrubs thrive in a neutral soil. Roses incline to a slightly acid soil. Most woodland plants and the broadleaf evergreens—rhododendrons, azaleas and such—require a highly acid soil. For such plants calcium is banished and soil acidity maintained by adding pine needles and ammonium sulphate and ammonium phosphate.

**APPLYING FERTILIZER.** No matter what the fertilizer, it should be applied evenly and in light applications, as over-feeding may bring disastrous results. Manure, as shown here, is spread to 3" deep and dug in. Commercial fertilizers are broadcast by hand or distributed by a spreader. Individual plants are fed either by the use of concentrated tablets pushed into the soil or by making a circle of fertilizer forking it in and then watering.



Dry plant food may be broadcast by hand or, more evenly, with a mechanical spreader, as shown



Manure is dumped in barrow loads, spread evenly and then dug into the soil. The same applies to compost



Circle individual plants with prepared plant food or manure, fork in lightly and then water it well



To feed trees and large shrubs, dig holes 1' apart around perimeter of branches and insert plant food



# The Craft and Mystery of Gardening

So far in this Yearbook, we have considered the first four essential steps in gardening—the seed catalog, the seed, the soil, the ardent seedling. From these beginnings spring the vast and complicated life which produces the beauty of a garden. We have had a hand in starting that life.

Therein lies the fundamental fascination of gardening—we are dealing with *living* processes. The material we help produce is *living* plant material. To keep that life going ahead unchecked is the aim of every gardener. To maintain it in the face of destructive elements, to insist on its survival despite insidious disease and attack of pests is a challenge every good gardener readily accepts.

We cannot look on plants, we gardeners, as just so many inert objects to be placed here and there or pushed about to obtain certain desired esthetic effects. Design has its place in the garden. Color and form have their essential roles to play and no real gardener dreams of neglecting them. But the living plant, to which his soil-browned hands and experience administer season after season, remains his noblest and most inspiring concept.

**E**ACH craft has its code. There is the code of the workers in iron and the code of the workers in wood as well. The code of the weaver, the bricklayer, the carpenter. Whenever men work with their hands there invariably spring up principles of standards and work. The gardener is no exception. To do the job well, to continue doing it well applies as much to him as to the other workers.

Because of its esthetic appeal, because its ultimate product is beauty, some gardeners look on their work as an art. Dabblers especially are apt to assume this attitude, but it is not the attitude of the worker.

In the old days, before the age of machinery and when guilds of workmen were banded together for their mutual protection and the maintenance of standards in work, each group used to speak of its calling as a "craft and mystery". An apprentice would be accepted to learn the "craft and mystery", say, of tanning leather, or making silverware, or binding books, or building houses.

In England these craft guilds were known as the Worshipful Company of Tanners or Silversmiths or Binders. The word "worshipful" meant worthy of respect. Its members respected their work and expected others outside the guild to respect it and them also.

Perhaps we would respect gardening more if we assumed some of that same attitude toward our hobby—if we were forthright and called it a craft, with the full knowledge that it is also a mystery, that there is more to it than just tireless work of the hands and the exercise of intelligence. So, then, the craft and mystery of gardening.

Now a skilled craftsman requires two essentials if he is to work well—good materials and good tools. The materials of gardening are plants and such adjuncts as plant foods, soils, seed, available water. Our working tools are obvious; the spade, the hoe, the rake, the digging fork, the trowel, and we respect them and keep them always in excellent working condition.

If we buy seed we expect it to be fresh and true to name, thereby depending on the craft and mystery of the seedsman. If we buy a plant, we expect it to be healthy and in good form, thereby depending on the code of the nurseryman. If we raise a plant, our own code sets the standards for that plant, whether it be a row of corn, a bed of roses, a tree, a shrub or the tendril-growing reaches of a vine.

**A**s to the "mystery", there we gardeners depart from the methods of many another craft. We are dependent on mysteries and constantly surrounded by them. We deal in mysteries. We depend on the warmth of the sun and the shelter of the shade as well, on rains that fill the hidden springs of earth and refresh its surface, on the circulation of air beneath and above ground. On frost and cold that harden our plants and bring them rest. On lengthening days and shortening days. We depend on a multitude of co-workers—on worms and birds and moulds, on active elements and dormant elements as well, unseen by the eye, some whose work and purposes are still unknown to man.

We share in the mystery of the infinitesimal seed lost in a crease of the palm, from which will spring a sky-reaching tree or a flower of unbelievable beauty. We work in the mystery of the soil as we turn it over for sun and wind and rain to play their magical effects upon. Hands, arms, shoulders, the strength of our legs and the very weight of our body all take part in the practice of our craft, and enjoy thereby the mystery of health.

We know, too, why we belong to a "worshipful" company. For where is the gardener who sees the seed spring up and the leaf unfold and the dun earth turn to green under his ministration but respects his craft? His is a clean craft. It is also a craft intimately associated with him, with his beginnings and his end. For he works with the earth whence his body was evolved once on a distant day with the earth from which he gathers food for his sustenance through the years and to which his body eventually will return when his time has come.

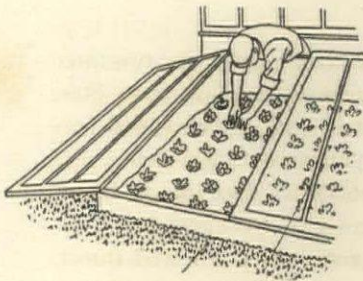
We men and women who toil in gardens, we who watch a rose unfurl, a gladiolus lift its opening flowers to the sky, who tend the fruit ripening on branch and vine, we reverently approach, then, the greatest Mystery of all—a life that lives and dies and springs up again.

Richardson Wright

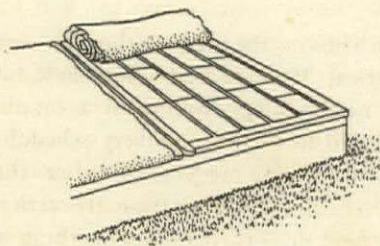


# Nurseries for infant plants

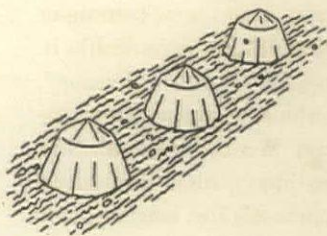
Seeds and seedlings find necessary protection and warmth



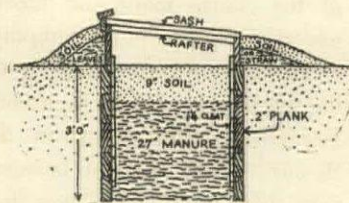
**Cold-frames** are the midway step between seedlings raised in heat and the outdoors where they are to grow. Here they harden off. The sash can be hinged, as here, lifted off or pushed back, whichever is the easiest for working



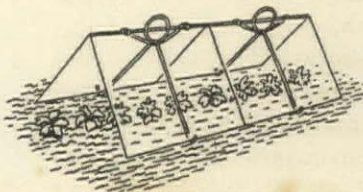
**Mats** are spread over the sash of hotbeds and cold-frames to give added insulation on extremely cold nights. Also leaves and soil can be banked around the outside. In Summer cover the frames with thin slats



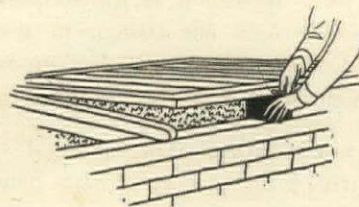
**Paper caps** designed to conserve heat, keep off late frosts and early pests may be placed over seedlings when they are first set out in the garden. In ten days the plant will be well on its way, growing along lustily



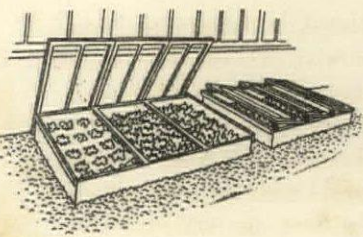
**Lacking electricity**, one can make a hotbed in the old-fashioned style—27" of fresh horse manure in the bottom, 9" of soil above it and the sides banked with leaves or straw covered with soil for thorough insulation



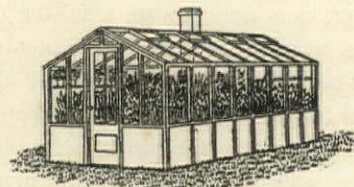
**Miniature greenhouses** formed from two panes of glass clipped together by heavy wire make a continuous cloche, under which young plants get ventilation and protection from destructive wind and heavy rain



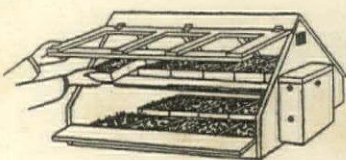
**Ventilation** is required in the normal growth of seedlings. On warm days lift the sash and let the sun pour in; on cool days ventilate by raising the sash as shown. Concrete block makes good and long-lasting frames



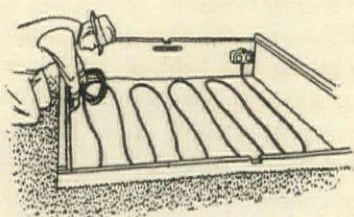
**Hinged sash** is advisable where cold-frames are placed directly against a sheltering wall. They should face south and be out of the wind. They can be pulleyed up and hooked to the wall for working



**A greenhouse**, either of this type or of the all-light variety, is no longer a luxury. It can be of one unit or several. Heat is thermostatically controlled. Such a greenhouse is now generally thought of as a garden necessity



**Portable hothouses** are available. Heat is supplied by electricity, gas or oil. Two shelves accommodate flats of seeds and seedlings. Special glass admits ultra violet rays which are required for plant growth and maturity



**Electric hotbeds** are the modern solution for the old and messy manure. Wires are spread as shown and the heat is regulated by a thermostat being set for seed germination and healthy plant growth in Springtime



DECORATIVE TRENDS FOR 1941 IN OUR FEBRUARY DOUBLE NUMBER. RESERVE YOUR COPY NOW



# Annals of merit for the new garden

## Novelty winners and others worth trying

By F. F. Rockwell

ONCE again the curtain rises on the greatest show on earth—Gardens of America, 1941 edition. Of course, according to all the shiny new catalogs, rolling in a cataract from the presses hard pressed to keep up delivery schedules, it's a Hellz-a-Poppin all-star cast, bigger and better (but quite as bromidic!) as ever. Every new extra-early variety, for instance, is at least several days earlier than anything we have known before. It's been that way every year for the near half a century that the writer can remember. According to statistics, some of today's extra-early strains should begin flowering the day they are planted!

But—although many of the claims made for “novelties” in the flower world are to be taken, like campaign promises, not too seriously—the real progress made in the world of annual flowers during the last decade has been nothing short of miraculous. Furthermore, leadership in this field now definitely lies with our American plant breeders, so this year's dearth of new annuals from abroad is no serious handicap to American gardens.

Let's take a look then at the new things our busy hybridizers have been getting ready to spring on us for the season of 1941. But in appraising them, let us keep in mind that newness, *per se*, is much more important to the seedsman than to the gardener. As has been our custom in these columns, we will try to judge them against the background of the good things with which we are already familiar.

**THE ALL-AMERICA SELECTIONS.** The spotlight for the 1941 big show turns first on that galaxy of stars hand-picked by the All-America Selections Committee, a group of seventeen experts who have watched, in twelve trial grounds in different sections of the country, all the new varieties submitted to their unbiased scrutiny.

As was the case last year and the previous year, no new annuals for 1941 introduction received the coveted Gold Medal award. This, however, does not indicate a falling off in the quality of the entries so much as it does a tightening up in the judging, which now seems to be definitely off the gold standard that prevailed for the first few years—a change that certainly meets with the approval of the gardening public.

In the light of this season's awards, petunias and marigolds still seem to be the favored flower of the judges as well as of home gardeners. Or is it that there exists too great a dearth of other material for the judges to select from? Certainly it is to be wished that our flower hybridizers do not succumb to the assembly-line psychology!

Petunia Blue Brocade carries off this year's highest honors, with fifteen judges giving it a total of one hundred and twelve points. Blue Brocade is a new color, a dark velvety violet-blue, in the Dwarf All-Double class. Whatever its merits may be as a florist's flower, or as a floral curiosity for the amateur, we simply cannot see it, from observation in several trials, as any great shakes as a garden flower. On

that basis this purple-faced monstrosity isn't one-two-three with last year's highest score winner, petunia Cream Star. The two varieties are so far apart in type, however, that perhaps it isn't fair to make a comparison between them.

Petunia Radiance (97 points) we like much better, though we can't follow the judges who recommended it for a Gold Medal. It's a brilliant rich rose, with a yellowish throat, flowers about 1½" across. In the writer's trial garden it was one of the earliest, happiest and most constant bloomers. One trial-ground reports it to me as being “the outstanding entry—earliest blooming of all petunias—beautiful color and with a longer flowering period than any other entry, petunia or otherwise.” Uniform and apparently “well fixed”; you'll like it.

Marigold Spry is a really improved Dwarf Harmony, and that is praise indeed to anyone who has grown that popular and delightful little double dwarf French marigold. The compact plants grow only about ten inches high, and somewhat wider, and begin producing their wealth of bright yellow and mahogany flowers within ten weeks from seed.

Petunia First Lady (carried over from last year) is of the very dwarf type, with large single flowers of a blush pink; just another petunia, but a very attractive one.

**BRONZE MEDAL WINNERS.** All the above scored sufficiently high to win Silver Medals.

Phlox Rosy Morn just missed a Silver Medal. It is a very large-flowered single—bright rose with a large white eye, and very uniform. In our garden at Gray Rock it was extremely satisfactory, and showed an exceptionally long season of bloom. Like Salmon Glory (a last year's Silver Medal winner) it is a selection from Gigantea Art Shades, with which many of our readers are familiar. It is excellent for cutting.

Aster Jean Boyd, described as a new type of China aster, did better for us than any aster we have grown for many years and apparently it is, as claimed, heat resisting, though a few plants were killed by wilt disease. (Unfortunately seed is too scarce for introduction this season.)

Black Ruby Zinnia isn't really black but it surely is a dark maroon. Of the small-flowered type, it is similar to Crimson Gem, but deeper in color. Almost every one who saw it in our garden liked it, and we found it very useful and pleasing in flower arrangements, to accent lighter flowers.

Marigold Goldsmith makes a rugged, branching plant 3' to 4' tall, and produces freely large, intense orangy-yellow flowers of Dixie Sunshine type. With me it bloomed fairly early (started indoors) and kept right on until frost.

**HONORABLE MENTIONS.** Morning glory Pearly Gates scored highest among the Honorable Mention varieties. Said to be a sport from Heavenly Blue, it is a fine addition to the list of climbers. Seed, however, will not be available until after the 1941 harvest. Petunia Violet Gem, it seems to me, merited a rather (Continued on page 34)



# Novelty annuals to try in 1941

More marigolds, new petunias and a Texas star



MARIGOLD SCARLET GLOW



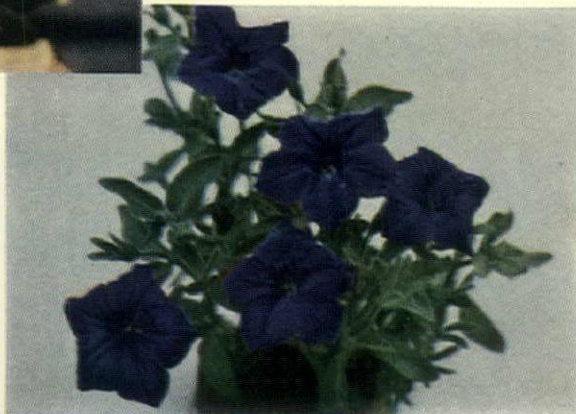
MARIGOLD CANARY BIRD



MARIGOLD BUTTER-AND-EGGS, SCABIOSA



PHLOX ROSY MORN



PETUNIA VIOLET GEM



PETUNIA HONOR BRIGHT



MARIGOLD WILDFIRE



MARIGOLD SPRY



STAR-OF-TEXAS (XANTHISMA TEXANUM)



CYNOGLOSSUM BLANCHE BURPEE



# Twelve prize winning



1



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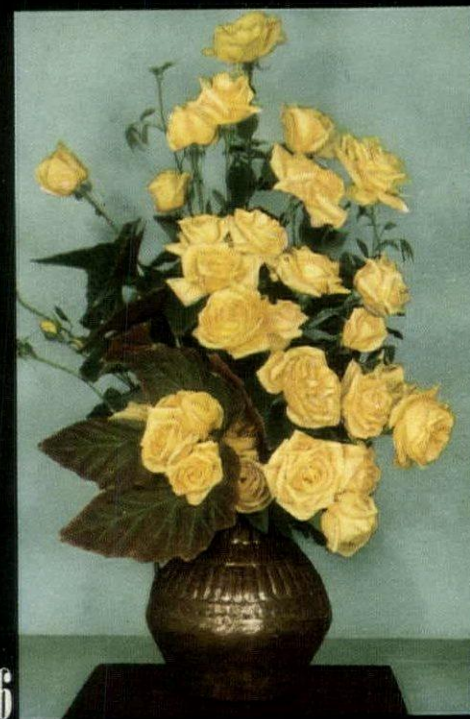
5



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4



6

1 *AFTER DALI*, a type of trick arrangement which helps to enliven our up-to-date flower shows. Mrs. Magnus Norsted of Valhalla, N. Y., made it

2 *VIVID COLOR* for a modern room is made with common materials: snapdragons, gerberas, carnations. Mrs. Homer Strong, Rochester, N. Y.

3 *THE "ELK'S HORN" DESIGN* is a typical, symmetrical form suitable for large rooms, formal occasions. Mrs. Philip Erhorn, Garden City, L. I.

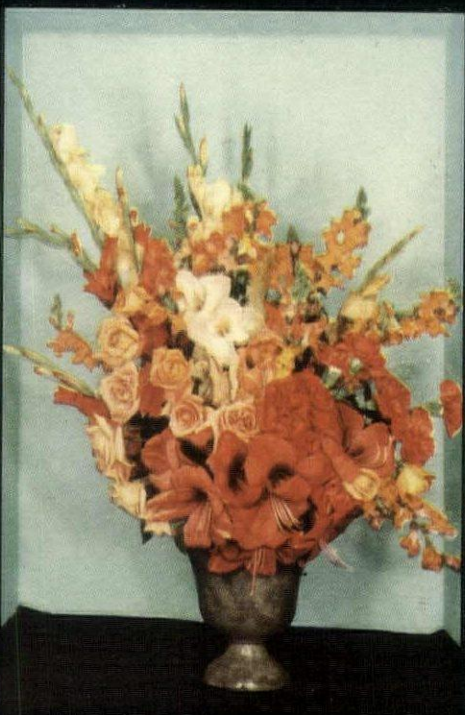
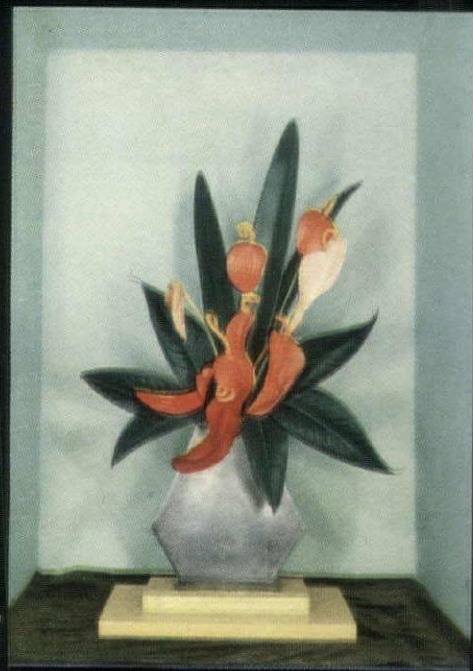
4 *LINE ARRANGEMENTS* make a little material go far. Here accessories add to the meaning of the design. Mrs. Tom Cummings, Brooklyn, N. Y.

5 *THE CRESCENT IN COPPER* is not a new motif, but the original treatment here lends it new interest. Mrs. Ashley E. Pidgeon, Garden City, L. I.

6 *BUXOM WITH ROSES!* Such perfect flowers with bronze begonia leaves can't be sacrificed for a line design. Mrs. A. R. Benedict, Montclair, N. J.



# flower arrangements



**7** *ANGULAR LINES* of the container and base find echo here in the well-selected plant material. Mrs. William M. Coriell, Plainfield, N. J., winner

**9** *SPRIGS OF BROOM* and a handful of daffodils have been skillfully blended into this Japanese effect. By Mrs. Innes Brown, Munsey Park, L. I.

**11** *THE CIRCULAR MOTIF*, skillfully balanced, used to be known as dynamic symmetry in arranging classes. By Mrs. E. Kohler, Glen Cove, L. I.

**8** *A TALL VASE* is a common shape of container difficult to use with pleasing results. Here it succeeds for Mrs. Jack Beck, of Crestwood, N. J.

**10** *ENOUGH MATERIAL* is in this buxom bouquet to suit anyone, yet it has svelte lines and real design. Mrs. J. S. Anderegg, Plainfield, N. J.

**12** *BUXOM BUT DAINTY!* Plenty of material here, yet clever selection and placing produce uncrowded effect. Mrs. S. F. Newkirk, Elizabeth, N. J.



# On the novelty page of perennials

These ten top-rankers are worthy of trial



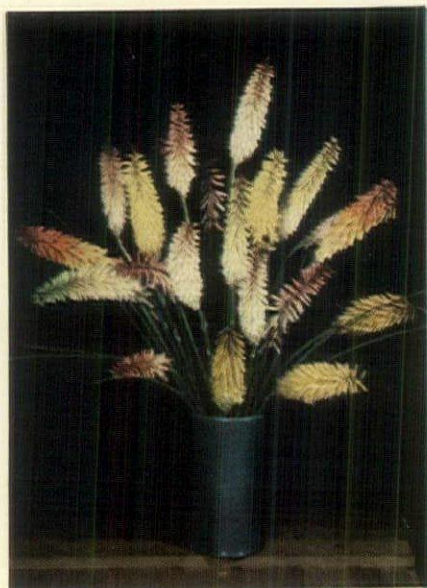
MRS. PIERRE S. DUPONT III



ROSE J. H. NICOLAS



GLADIOLUS GLAMIS



TRITOMA EARLY FLOWERING HARDY



ROSE MARGO KOSTER



STOKESIA LILACINA LAVENDER QUEEN



CHRYSANthemum EUGENE A. WANDER



ROSE ROSE BAMPTON



ANEMONE HUPHENSIS SUPERBA



CHRYSANthemum SEPTEMBER JEWELS



# Among the new perennials and roses

Tested varieties to enrich the garden

By F. F. Rockwell

**P**ICKINGS among brand new perennials for 1941 are rather slim—due primarily to war conditions and the fact that, while our American plant breeders have taken a world-wide lead in developing new and improved annuals, they have left the perennials too largely to their brethren overseas. If any thin shreds of silver cloud are to come out of the present strife abroad, perhaps one of them may be a stimulation of our interest in the hybridizing of perennials.

But the scarcity of novelties for a single season is no cause for gloom so far as the perennial garden is concerned. The last few years have brought us a wealth of new things but few of which are as yet to be found in most gardens. Some of these, such as *Aster frickarti* Wonder of Staffa, have already assured themselves permanent places in our borders. Others are still on trial. But assuredly there is an abundance of material available for those who have new gardens to make or old ones to redecorate and make over.

And speaking of redecorating, why it is that so many home owners who insist upon being quite up-to-date in such matters as room decoration, furniture, cars and the like, are content to go along indefinitely with outmoded varieties of hardy perennials, roses and shrubs? Not that any variety should ever be discarded merely because it has long been with us. But where real improvements are made, a place for them may well be found, even if an old inferior variety has to be sacrificed to make room. There are hundreds of thousands of antiquated climbing roses, for instance, with poor flowers, short blooming season and mildewed foliage, wasting good space in the gardens of America which might be glorified with the beauty of modern disease-resistant varieties.

**HARDY 'MUMS MARCH ALONG.** Again this season the greatest contribution to new material for the hardy perennial border is to be found among the hardy chrysanthemums—not merely new varieties of Koreans, but distinct new types.

Most interesting of these, perhaps, are the September Jewels (shown in color on page 12) which have the distinction of beginning to flower as early as the first week in September. They are hybrids of *C. rubellum* (a species recently made popular by the variety Clara Curtis) and extra early-flowering Koreans. While somewhat similar in size and appearance to the Northland daisies (hybrids of *C. arcticum*) introduced last year, they are entirely distinct in habit of growth and season of bloom, which in the case of the latter is very late. The color range in the September Jewels type developed by Eugene Mitchell is remarkable, including pastel shades of lavender, chamois, apricot, bronze and straw-yellows, orange, claret and coral, besides white. For this season, this new type will be available in seed only.

Another new type of hardy 'mum which promises great things for the future is brought to us first in the variety Milky Way—the first hybrid of the species *C. nipponicum* ever introduced. Mr. Cummings, who developed the first Hybrid Koreans, believes that this new development of his will be the

forerunner of an entire new race of garden 'mums. In our gardens at GrayRock this Summer, Milky Way was a delight indeed, both in the border and, when cut, indoors. For the latter purpose, its loose graceful sprays, bearing a half dozen or so creamy-white, lemon-tinted, informal semi-double blossoms were indeed ideal; and the lasting quality was all that could be desired. The medium-sized flowers are born on dark-foliaged, healthy plants about 30" tall.

Among the new 'mums of established types for this year I am especially enthusiastic about Mrs. Pierre S. Du Pont III. It's a beauty—and just as vigorous a grower as it is handsome. Despite all the fine varieties now available, I'd class it among the best half-dozen. No other flower in our garden this year met with such universal enthusiasm. The color is rather indescribable—a sort of golden chamois with a glowing undertone of salmon. The fairly large (3" to 4") flowers are produced in reckless abundance from October to freezing weather, the buds coming through early frosts unusually well. (Shown in color on the opposite page.)

Other new 'mums include Bronze Cydonia, a sport of Cydonia, which has always been one of my favorites; an early bloomer, fully double; Pure Gold, with 3" double flowers on compact, rounded plants; Avalanche, large double pure white; and Eugene A. Wander, a big double golden yellow September bloomer on compact plants only about 1½ feet high.

Anna Hay is similar to Clara Curtis, but a week or so earlier and a lighter pink. Like Clara, it is of medium height, mound-like growth, with finely cut foliage and notably fragrant. In the Spoon section, which has quickly become immensely popular, especially for cutting and arrangements, four new selected colors have been added—Golden, Jasper, Orchid and Silver.

**OTHER FALL BLOOMERS.** Late Summer and Autumn, so long the weak spot in the "succession" parade of hardy flowers, has certainly been coming into its own during recent years. The newer hardy 'mums alone, in their several types, would have been sufficient to give the hardy border a dashing and colorful wind-up, but there are also fine new varieties of other late bloomers.

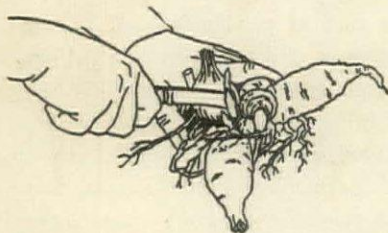
The asters, for instance, have come in for much attention lately. Harrington's Pink and Beechwood Challenger, which approaches red, have lent new interest to this splendid late flower; and now Adorable, a deeper pink; Beechwood Charm, deep rose; Blue Gown; and Petunia, purple with golden center, on a semi-dwarf plant, are added to the Novi-belgi section.

Another splendid new thing for late Autumn is *Anemone hupehensis superba*, a cross between *japonica* and *hupehensis*, which in our garden flowered more freely, and opened its blossoms more perfectly, than the Japs. Growing two feet or better, its graceful sprays of rosy violet flowers were especially effective when cut, lasting well and opening the cut buds normally. Helenium Brown-gold, coppery orange and gold, is a new variety to add to the short list (Continued on page 37)

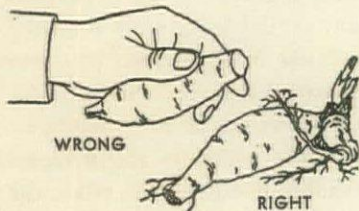


# Summer-flowering bulbs and tubers

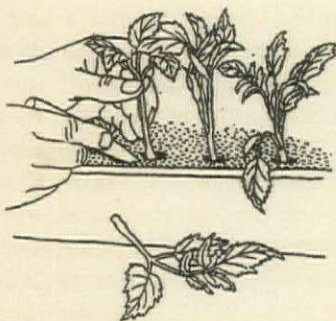
## Dividing dahlias



A dahlia clump, as stored the previous Fall, must be cut apart before Spring planting. Always use a sharp knife



A growth eye, from which will come new flowering stalks, must appear on each tuber which is to be planted



Dahlia cuttings can also be propagated in a flat of sand kept well watered and shaded. Note the cutting



Tuberous roots are now formed on this rooted dahlia cutting ready to be grown along in pots or garden soil

WHILE it is difficult to induce a dahlia or gladiolus fancier to grow any other than his pet, the average gardener is missing great opportunities when he neglects some of the lesser-used Summer-flowering bulbs and tubers. These include a dozen or more kinds—Peruvian lilies, anthericums, anemones, montbretias, tuberous begonias, cannas, callas, galtonias, tigridias, zephyranthes, caladiums, tuberoses, lilies and lycoris. Let us take some of these less commonplace items first. Being tender mostly, they do not go into the ground until it has been warmed by Spring.

**PERUVIAN OR SPIDER LILIES.** Ismene, or *Hymenocallis calathina*, requires the same treatment as that accorded gladiolus. A fragrant white amaryllis-like flower springs from bulbs that should be set 3"-4" in a well-drained spot. It flowers in a few weeks and increases rapidly thereafter. It has strap-like foliage.

**ANTHERICUMS** or St. Bernard lilies carry small, lily-like flowers above grassy leaves. They require rich fibrous loam and at blooming time plenty of water. In the North they should be heavily protected through Winter or lifted and stored.

**LYCORIS SQUAMIGERA** or Hall's amaryllis shoots up lush leaves in early Summer and, they having disappeared, the flowering stalk appears, bearing pale pink fragrant clustered flowers striped a darker pink, with curved stamens. The plant needs a soil rich in humus. Since it blooms naked, it should be surrounded by low-growing plants when used in borders. There are also red, orange and white types, but the pink is the one generally grown. Plant early in Spring, lift after frost and store away.

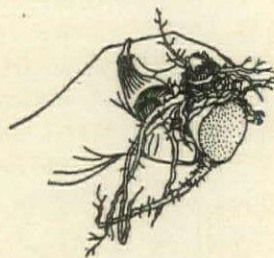
**CANNAS**, once popular and then neglected, are coming into favor again, due to the splendid colors now available. Used for bedding plants but preferably drifted through borders, they can be most effective. The bed or location for them should be prepared 18"-24" deep, mixing  $\frac{1}{3}$  rotted cow manure with the soil. Either use the divided root stocks potted in April as shown here, or pot grown plants for an early start. They go in 18" apart each way. Keep soil cultivated and water well in hot dry periods. After frost lift and store tubers. Colors include salmon pink, cherry red, deep crimson, scarlet, yellow, white and red and old rose. They range from 3 $\frac{1}{2}$ ' to 6'. The roots should be stored without soil.

**CALLA LILIES** can be grown out-of-doors continually in the South but in the North will need the usual storage. Rich, damp soil is their preference and they incline to acidity too. The yellow *C. elliotiana* is generally grown, although there are white, white spotted and the smaller pink *C. rehmanni*. Of course, they make ideal greenhouse subjects.

**SUMMER HYACINTH** or *Galtonia candidans* is a lush grower and will make interesting effects when grown in drifts of a dozen or more bulbs. The bulbs go in 6". They throw up 3'-tall flower spikes supporting pendent, bell-like white blooms which are open for a long time. Bulbs are not dependably hardy North.

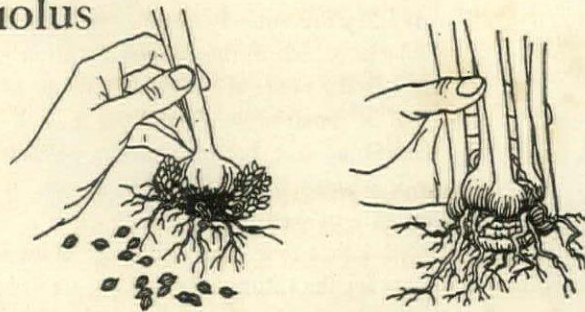
**TIGRIDIAS**, which also are known as tiger flowers, can be grown in a Summer border either directly in the soil or in pots; in fact, they make excellent pot subjects. Like the daylily, the flower lasts only one day, but blossoms quickly succeed each other

## Canna cuts



Fleshy roots of the canna should be cut into divisions as shown, each piece with an eye. Start in a frame and plant when ground warms

## Gladiolus



Gladioli bulblets, left, from last year can be sown to produce mature corms. To right is view of natural increase by new corms above old



## To the usual dahlias and gladiolus should be added the more unusual tender bulbs

over a longish period from mid-Summer on. The type generally grown is *T. pavonia*, red with yellow and purple spots, which grows 2½' high. There are also yellow, white and lilac kinds. In Fall treat the bulbs like gladiolus corms.

**TUBEROSES**, which have their place in the garden if only for their fragrance, spring from tender fleshy root stocks planted about 2" deep and 4" apart in light soil after the last frost of Spring. Single or double flowers are carried on 3½" stems according to the variety planted. Sometimes the bulbs are uncertain in their flowering because they enjoy a sit-down strike the year after blooming. Lift and store in a warm, dry place.

**CALADIUMS** or elephant ears are generally associated with Victorian flower beds; however, they do have a place where tropical foliage effects are desired. Some of the newer varieties with variegated foliage are especially worth growing. For proper growth their requirements are very rich soil, hot sun and plenty of moisture. Either the tubers are started in heat indoors or a greenhouse, or else potted plants are bought. All good seed houses carry them. Of course, they are lifted after frost, dried off and stored in dry sand in a warm cellar. The variegated-leaf sorts do not require so much sun as the old elephant ears.

**MONTBRETIAS OR TRITONIA.** After you once learn the trick of growing montbretias, you will never be without them. Spring planted, they bloom in the Fall, offering a color range of orange, red, rose, scarlet and yellow in dainty, graceful flowers. They require drainage. They also want to be planted 5" deep, this is essential, and 2"-3" apart. Their hardiness north of New York is questionable, consequently, the little bulbs are set out early in Spring and lifted again in the Autumn, after which they are kept in paper bags or stored in boxes of sand or peat moss in a frost-proof cellar. Because they are slow to get under way, some dealers offer started plants. Consult catalogs for varieties.

**TUBEROUS BEGONIAS.** Here is another tuber to be planted this Spring, which has successfully returned beauty for the hybridizers' work. Intricate and lovely forms, strong and subtle colors—apricot, orange, salmon, scarlet, yellow—these are gifts the new tuberous begonias offer the garden, and

the garden cannot well do without their undeniable advantages.

While growing them from seed is not difficult, most amateurs begin with tubers. They are first placed in flats of peat moss kept in a warm place until they begin to sprout. When about 3" high, transplant into pots with a soil consisting of ⅓ loam to ⅔ coarse leafmold.

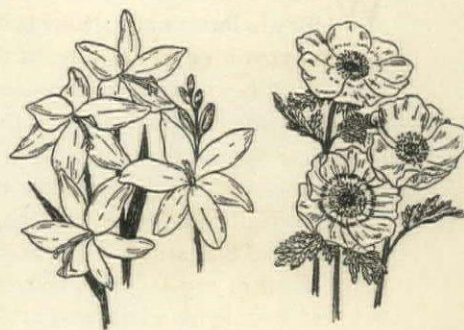
As they grow along, the spot for their permanent location can be selected and the soil prepared. It must be in semi-shade, for these plants do not tolerate full sun, and the soil should be well fortified with leaf mold and well rotted cow manure. The location should also be well-drained. In fact, an excess of water will cause them to drop their flowers and often rot away.

They can also be grown in pots and the semi-trailing types in hanging baskets. In Autumn, when the leaves have yellowed, lift tubers, dry them, cut off all stalk to the very bottom to prevent rot, and then wash off the dirt before packing away for Winter.

**FAIRY LILIES.** From Texas and Florida hails the charming family of Zephyranthes, fairy or rain lilies. Edging bulbs, these, since the foliage and flowers rarely rise above 4". Appearing for all the world like young onions, the bulbs increase rapidly in bunches and should be separated each Spring. Plant them 2" apart in ordinary soil and, during dry weather, do not let them lack for water. White, yellow, pink and darkish pink are their crocus-like cups held above little fountains of narrow foliage. In the extreme North they should be lifted over Winter, but otherwise a mulch protects them.

**SPRING ANEMONES.** The tubers of this plant, looking like the fingers of a hand, should be placed with the fuzzy side upward. That is the first step. In the South and where a greenhouse is available, the culture is easy; in the North they can be carried through in well-protected cold frames or planted in them early in Spring. Their ideal soil is loam, leafmold and sand in equal parts. The flowers, held on 12" stems, come in a variety of colorings—lavender, scarlet, purple, white. The St. Brigid strain is the one recommended.

**GLADIOLUS.** The poor man's orchids (although orchids are fast becoming poor men's flowers, too) have such a wide following that the ideal is not just to grow glads, but to grow them superbly well, to grow the



Montbretias (left) and anemones (right), should be planted in early Spring, the latter given cold-frame protection in the Northern States

best kinds and to overcome any diseases or pests that may assail them.

The soil of a vegetable garden, i.e., one that has been constantly dug over and enriched, is the spot for them, especially if it inclines to be slightly acid. Here they can be grown in rows for cutting. They may also be planted in drifts through perennial borders. Start in early May with the first planting and make successive planting every two weeks up to mid-July so that a long crop will result. Flowers follow 8 to 10 weeks later. The corms are planted 4" apart in rows 18" apart, and in light soil 6" deep, in heavy clay 4". Deep planting obviates staking. In borders they may be set 6" apart. Full sun and moderate moisture are their needs, together with either a complete fertilizer such as a 4-12-4, or a 16% superphosphate sown in the rows before planting, 5 lbs. to every 100' of row.

Cut flowers when two blossoms have appeared—the others will open in water. Leave two or three leaves to each plant so that the new corm can be developed. When all flowers have faded, cut down the flower stalk to prevent seed production, which might effect the corm.

The corm as dug in Autumn is illustrated here, showing the method of increase both by bulblets and new corms. These are lifted when the foliage turns yellow. Cut off the leaves to 2", leave in sun to dry, taking care that bulblets aren't broken off, and finally remove the old corm from the new, and place in flats in a frost-proof cellar. Since the gladiolus is subject to a destructive thrip, it might be well to dip the corms in a corrosive sublimate solution (1 to 1000) before planting and pack the corms in naphthalene flakes, 1 oz. to 100 corms, covering the flats. (Continued on page 39)



# Hedges that play various garden rôles

**W**HILE it is customary to speak of trees and bushes used for windbreaks and shelter belts as hedges, here it is advisable to narrow down our interest to the various parts hedges can play in the average medium-size country or suburban place.

First we can look on them as living architecture. Precisely clipped or left to grow informally, they make green walls to mark property lines. Their lower cousins, which edge flower beds, especially in formal gardens, are essential to marking the pattern of the garden. These may be clumpy boxwood or the gray foliage of nepeta. High hedges around a garden serve to hold off destructive winds and at the same time afford background to the colors of flowers and flowering trees and shrubs. Hedges of medium height can mark off the various divisions of a garden into "rooms", each with its distinctive character.

These are some of the rôles hedges play. The plants that comprise them and the way they are grown are generally determined by the purpose the hedge is serving and the space that can be allotted to it. Its success depends on the soil preparation, the planting and the after-care.

**SOIL PREPARATION.** Since a hedge is a permanent planting, the soil should be well prepared—deeply dug and, for most of the plants, deeply enriched with old manure and with leafmold and peat moss to hold moisture. The broad-leaf evergreens—rhododendrons, azaleas and such—will require a lime-free soil and an abundance of leafmold. Dig a trench, don't merely make holes. The trench should be at least 18" wide. Prepare soil a month before the plant material arrives.

The distances apart required depend on the kind of plants used. Perpendicular-growing plants such as privet can go in 9" apart in the row, whereas taxus and other spreading kinds require at least 1'. Arborvitae, if the plants are small, also go in 18" apart, but if immediate effects are desired and larger specimens used, they can be planted 3' apart.

**PLANTING.** It is advisable to start with young plants between 1½' and 3' high so that they can be clipped and trained to make a solid bottom. For immediate effects, however, clipped and trained plants may be bought—at a correspondingly higher price.

The purpose of close planting is to get a thick hedge from the start. And the purpose of topping hedges and clipping

them is, first, to make the intertwining growth into a thick wall and, second, to shape it. Also when first planted cut off the tops—a young deciduous hedge plant to within 6" of the ground to make it bushy. This radical treatment is not accorded evergreens, however.

Evergreen hedges should be especially well watered at planting and kept damp until they are definitely established. This especially applies to those planted in the Fall.

**TRIMMING.** How wide should hedges be kept? That depends on their height and location. A 3' hedge can be kept about 3' wide, whereas a low pathside hedge bordering a flower bed might not be over 6"-8" wide. As for pruning and trimming, the first year of a newly set hedge, granted it has been cut down at planting time, should be spared the shearing tools; after the year it must be cut back well again several times to force side branches. Evergreen hedges should be pinched back to make the plants well branched and dense. When it is on its way, once or twice each season will be enough trimming after that. Mature hedges, whether deciduous or evergreen, will stand the clippers twice a season, although privet may need more, to preserve the uniform shape. About 1" of the current year's growth is generally enough to shear off a mature hedge. Flowering hedges, which are usually informal, should be clipped as little as possible and only after flowering.

Because the shape allows access of air and light and lets the drip of rain filter through the branches, a hedge should be so trimmed that it is broadest at the base and tapers slightly upward. A round or conical top is preferable to a flat surface. Moreover, it is less apt to get bare at the bottom and the whole effect will be dense foliage. Where the hedge is composed of trees, the leader should never be clipped until the desired hedge height is reached. In the North May or early June is the time to clip and shape hemlock and spruce hedges; the yews and arborvitae in late Spring.

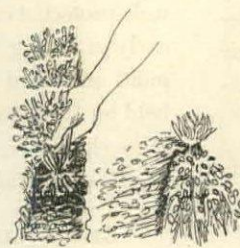
What can be done with an old hedge that is worn and open at the bottom or has gone mangy? If it is a small edging hedge, lift the plants and refresh the soil, cut back and re-set, together with new ones. This applies especially to low box hedges. Others can be cut ruthlessly to the ground, the roots



**Preparation of soil** should be thorough and deep and well enriched, since a hedge is a permanent planting of the garden



**Space the plants** regularly along a line before setting them out. Privet goes 9" apart; taxus and arborvitae will need 12"



**Lift the plants** when a box edging has gone mangy, renew the soil and set the bushes again, and add new and healthier ones



**In cutting the top** of a hedge, string a line to mark the level. Trim either with hand shears or a convenient electric cutter



# The material to use for each purpose —How to plant and care for them

given plant food (a 5-10-5 fertilizer is advised) and a stronger hedge will spring up. This does not apply to evergreen hedges, however; it is a treatment advised for barberry and privet and such deciduous kinds.

**HEDGE MATERIAL.** The list of available hedge material of low, medium and high sizes suitable to various climatic zones of the country is quite large, but at least the following can be recommended. For evergreen hedges: Korean boxwood, which can be set low or allowed to grow to 3'-4'; Carolina or Canadian hemlock, both fast growers and both capable of being kept down to 5' or grown to 20' high; the fast-growing Japanese yew with its green foliage and, where Summers are not too hot and dry, the globe arborvitae will serve excellently for a low hedge. The privet to use in cold regions is the hardy Amur type, *Ligustrum amurense*. For a 4' hedge try dwarf burning-bush, *Euonymus alatus compactus*, with its corky twiggled branches and brilliant Autumn foliage. It requires practically no pruning. For a thorny hedge try truehedge columnberry, a Japanese barberry which grows upright and informally and needs very little from the shears. The cockspur thorn will make a good medium or high hedge. The five-leafed aralia, *Acanthopanax pentaphyllum*, is a dense thorn that can stand shade and city conditions as well.

Others that tolerate shade are Japanese barberry, gray dogwood, Amur, California or European privets, common buckthorn, the yews, inkberry, the hollies, arborvitae and the viburnums.

**FOR BED EDGES.** The edging plants, so necessary for defining garden beds and running beside paths, fall into the woody types and the perennial flowers. Box barberry, true dwarf box, the lower euonymus, English ivy, dwarf sweet mockorange, dwarf hedge yew, periwinkle, teucrium, Little Gem arborvitae and dwarf cranberry bush are good woody plants for this purpose. The perennials include practically all the low growers from woolly yarrow to pinks, lilies of the valley, catmint, plantain lily, thrift and the speedwells. This use of perennials for low hedges has the added advantage that one can change it from time to time. Used in vegetable gardens, perennials make colorful edges to the more utilitarian beds and offer cutting flowers at the same time.



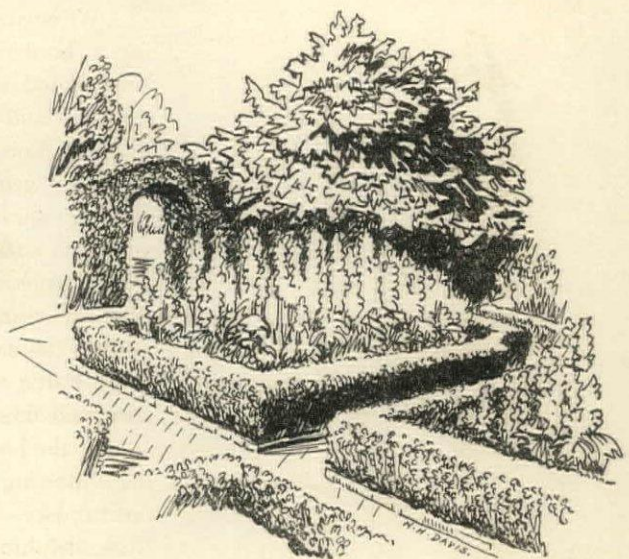
Low hedges edging paths and flower beds should be kept trim. Clip privet twice each Summer and other types of hedge once



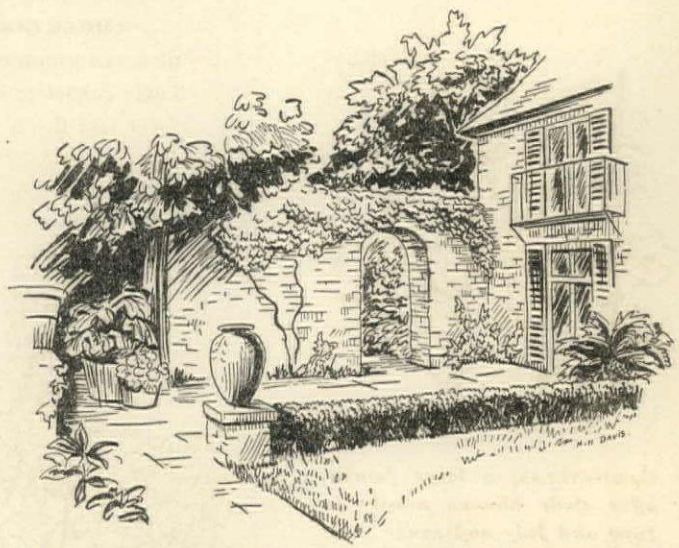
Serving as background to a flower bed, your hedge's roots can be prevented from encroaching with sunken planks



As a boundary marker a hedge, whether high or low, is a natural solution for many sites. Privet, taxus, arborvitae, forsythia and many other types of plant material can be used for this purpose. It should be kept well clipped to preserve its neat appearance



Hedges as edgings, to define and keep within neat bounds the borders of flower beds, are good practice. At the same time, especially in formal gardens, they define the garden's pattern. Behind, a high hedge serves for a green, growing background



Hedges as architecture. When close to the house, such as around the foundations or along a terrace, as here, low-clipped hedges play a necessary part in the architectural design of a property. See the lists in text for low hedge plants of many varieties



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# Perennials to plant this Spring

Ten essential kinds that give variation of foliage and flowering — How to care for each type

**I**N making a perennial border the process of planting will continue over several months. Many varieties can be set out in Spring; others—iris and peonies especially—must wait until July and September. Some can be planted to advantage both Spring and Fall. Schedule your work to fit these.

We must also consider the flowers chosen for a border not alone from their color heights and seasons of bloom, but also by the mass and form of their foliage and the shape of flower heads. These flowerings fall into four general groups—spires, rounded clumps, sprays and suns. Delphiniums, veronics and liatris are among the spires; *Phlox decussata* and gypsophila provide rounded clumps; baptisia, daylilies and peonies fountain-like sprays; and the heleniums, Fall asters and a number more of the composite flowers grow in little suns.

If the border is started in Spring, then the following essential perennials may be put in place—campanulas, columbines, daylilies, delphiniums, Fall asters, gaillardias, heleniums, liatris, Oriental poppies, pinks, phlox, spiraeas and veronics. Although these can generally be accommodated in the average well-prepared border soil, some have idiosyncrasies that it is well to meet.

**THREE GOOD PERENNIALS.** Campanulas, an enormous family, range from the lowly *carpatica* along the edge to the 4' *latifolia* and the 6' *pyramidalis*, which are al-

lotted room at the back. They like a rich loam with lime. Space them 8" to 12" apart. In some types white forms are available.

Columbines in well-established strains are best used in borders. At best none of them are long-lived and an extra batch should be raised each year from seed sown before the middle of May. Sandy loam is their preference, except *A. canadensis*, which prefers an acid soil. They need sun and good drainage. The airy grace of aquilegia when planted in groups of ten or a dozen is among the glories of early Summer.

Daylilies or hemerocallis may bewilder the beginner, so many are the named varieties now offered. Select them, then, for color, height and season of bloom. It is possible to extend their blooming season over four months by careful choice. Sulphur, deep yellow, orange, tawny red and even pink types are available. They are not finicky as to soil, although it should be rich and on the damp side. They thrive in open sun and light shade as well. Every third Autumn or Spring, lift, divide and replant.

**DELPHINIUMS.** Now that the American Delphinium Society has centered its interests and efforts on this superb flower, we may see it lifted to even greater heights and, more important, its most devastating disease conquered. Whether single or double, opal, metallic blue, pink or white, the delphinium is the most superb spire plant in the garden.



THE VERONICAS, whether in the small form of *V. INCANA* or tall as *V. LONGIFLORA*, contribute spires to the border. Their colors are white, rosy maple and blue



CAMPANULAS, a large family, offer their blooms mostly in June and July and range from low rock garden types to border kinds which grow up to 6' high



SUMMER PHLOX, on which we depend for color in the hot months, provides rounded flower heads that make soft masses along the garden border



FALL ASTERS, flowering from late August to October, come in low edging kinds, in medium heights and in 6' kinds. Weedy, to be divided every year





**HEMEROCALLIS** or daylilies provide three months of bloom according to variety. Mid-border plants with yellow and orange tints, very dependable



**HELENIUMS** are among the perennials that add miniature golden and bronze suns to the flower forms. Their late blooming is a most desirable habit



**ORIENTAL POPPIES**, subject of much hybridizing lately, have their crowded hour and then disappear, but they contribute a vivid color range and are essential

To circumvent the worst disease, avoid manure, assure good drainage, a free circulation of air and a plant grown from seed unchecked. In Winter give the clumps a coating of sifted coal ashes. Spray with Bordeaux from the earliest appearance of growth. Allow only three stalks to a plant and space plants 18" to 2' apart. Stake before the early winds. These precautions go a long way toward success. After cutting down the first bloom, feed with a well-balanced plant food, and you'll have another crop of flowers. Delphinium clumps can be divided in the Fall or raised from Spring cuttings.

Being tall, delphiniums occupy the rear ranks of the border, where their absence when cut down can be masked by other plants. It is a good practice to burn all cut-off foliage. When raising from seed, select strains that have been hand-pollinized. Use fresh seed or treat older seed with some variety of hormone powder.

**FROM ASTERS TO HELENIUMS.** Fall asters or Michaelmas daisies are such gross feeders that in England they are often given a border to themselves. However, by annual lifting in Spring, dividing and replenishing the soil they can be kept both in hand and growing lustily. Three heights are available, of which the smallest kind for edgings are not to be despised.

Since the gaillardias or blanket flower tribe have recently acquired some improved and interesting hybrids, especially in mahogany and pure yellow shades, they are swinging back into popularity. A rich, light soil is their necessity, since they are not so dependable when grown on clay, but they do seem to stand any amount of drought. They should be set 6" to 8" apart in the garden border.

The heleniums seem equally immune to drought, but besides a light soil they demand sun. Heights range from the 12"

to the 6' *autumnale superbum*. Midway are the 4' deep yellow *bigelovi* and copper Chippersfield Orange and the 3' mahogany *Perugina*. Heleniums should be divided early in the Spring.

**POPIES AND PHLOX.** Oriental poppies, like daylilies, have been over-hybridized and named and once again the beginner is bewildered. They now come in cerise, lavender, scarlet, salmon, orange and white, crinkle petaled and cut, small and large flowered. The reds, while brilliant, have to be handled with care. In the desirable pinks are Helen Elizabeth, Barr's Pink and Purity; the salmons, May Sadler, Mrs. Ballengo and the double Salmon Glow; rose tints are in Fairy and Wurtembergia; crimson in Beauty of Livermore and Lulu A. Neely; apricots in Mrs. Perry and Orange Perfection. Try also the new bi-color Snowflake, in white and orange.

The Summer phloxes again come in a host of named varieties, in early, mid-season and late types, in dwarf, medium and tall types. No matter what varieties you choose, you can be certain phlox is a big feeder and, since its roots never go much below 6" to 8" the food should not be placed below that depth, nor the cultivation very deep either. Plants should be spaced 18" to 2' apart and three flowering stalks left to each. They want moisture in Summer. Lift and divide the clumps every second year.

Lowly pinks there will be along the edge of that border, and midway in it stands of liatris or Kansas gayfeather, spiraeas and veronicas, each contributing its own particular form of growth and flowering to the diverse interests of the seasons. While it is true that color is the first essential in making a border scheme, don't neglect these forms. In cultivation and feeding have regard for the idiosyncrasies and method of root growth of each group of plants.



**DELPHINIUMS** with their stately spires are among the top glories of the garden. Their flowering justifies the care they require to keep them in perfect health



# Chrysanthemums easy to grow

## How to divide and re-plant hardy kinds — pinching and Summer care for good Fall bloom

FOR a decade now the hardy chrysanthemum in improved varieties has been making a deep and deeper impression on American garden consciousness. We have become chrysanthemum-minded. We are aware of their colorful displays from late August on, aware of their easy cultivation and rapid increase. They make a good investment with increasing dividends.

Work on them commences in early May when the old clumps or some pet varieties kept in cold frames over Winter begin to produce healthy side shoots. These you tear or cut away, discarding the worn middle section, and then line out in a frame or pots to grow into separate plants. Come June 1st and they go into their permanent or temporary place. Purchased plants from 2½" to 3" pots are given the same treatment.

**LOCATION AND SOIL.** They will want a location that is sunny two-thirds of the day. It should be protected from winds and have a reasonable degree of drainage. No especial soil is required, but it should be prepared. If your soil is sandy and light, tighten it with peatmoss and leafmold. Well-rotted cow manure with 20% superphosphate can be spread on the soil, 1 lb. to 10 sq. ft. or a handful for each plant, forking up the earth about 15" deep. A balanced chemical fertilizer can also be recommended. Work this into the soil with the trowel.

**PLANTING AND PINCHING.** Chrysanthemums hate being crowded, either together or with other plants. Space the small plants 18" apart and for the vigorous Korean hybrids allow 2'. This applies to their location in mixed flower borders also. Firm the plants in well and water them at this time so that they get a good start.

The next process is to start pinching them back. Begin when they are 6"-9" high, taking 1" of top growth. This will cause the plant to grow into a bushier form. Repeat this at fortnight intervals up to late July. Never prune back to brittle wood, however. Plants given this treatment

usually require no staking. The ground should also be kept cultivated around them.

**SPRAYING.** Since the chrysanthemum suffers its quota of ills and pests, some spraying or dusting is required. For mildew apply sulphur dust, starting the treatment early. When blisters on the leaves break into brown patches you know rust has appeared. Use sulphur dust or a liver of sulphur spray at the rate of 1 oz. to 3 gals. of water. Also remove and burn diseased leaves. The same caution is taken when brown spots (leaf spot) show up, but the spray here is Bordeaux mixture. For aphids and red spider spray underside of leaves and tender growth with nicotine. They should be sprayed early or late in the day.

Some authorities recommend occasional Summer feedings with a well-balanced fertilizer at the rate of a spoonful to a plant every three weeks, the fertilizer being worked into the soil and then watered. This will keep them growing along. A plant with uninterrupted growth is more apt to resist disease than one that has been checked.

**LATE SUMMER TRANSPLANTING.** One of the arguments against the chrysanthemum is that it occupies a lot of space before it flowers. However, it is accommodating: plants can be grown in rows in the cutting or vegetable garden and, just before they bloom, be transplanted to flowering positions. They can also be potted at this time and used for house decoration.

**AFTER FLOWERING.** Although they lay claim to hardiness, some of the newer types will surely succumb if they are in a poorly drained position over Winter. Moreover, chrysanthemums should be allowed to harden before they are given a Winter mulch. After killing frost, cut the plants back to 6" and when the ground has frozen or Winter has well advanced, cover them with 3"-4" of salt hay. This is sufficient to keep them cold and protect them from sun and wind. The tender sorts, or ones of which the gardener is particularly fond, may be dug up and Wintered over in a cold-frame.



POMPON



SPOON



SINGLE



SINGLE KOREAN



DECORATIVE



DUPLEX



ANEMONE

When side growths leaf out, break them off separately and grow along for Fall-flowering plants. Discard the worn-out core. Set out the plants permanently in late May



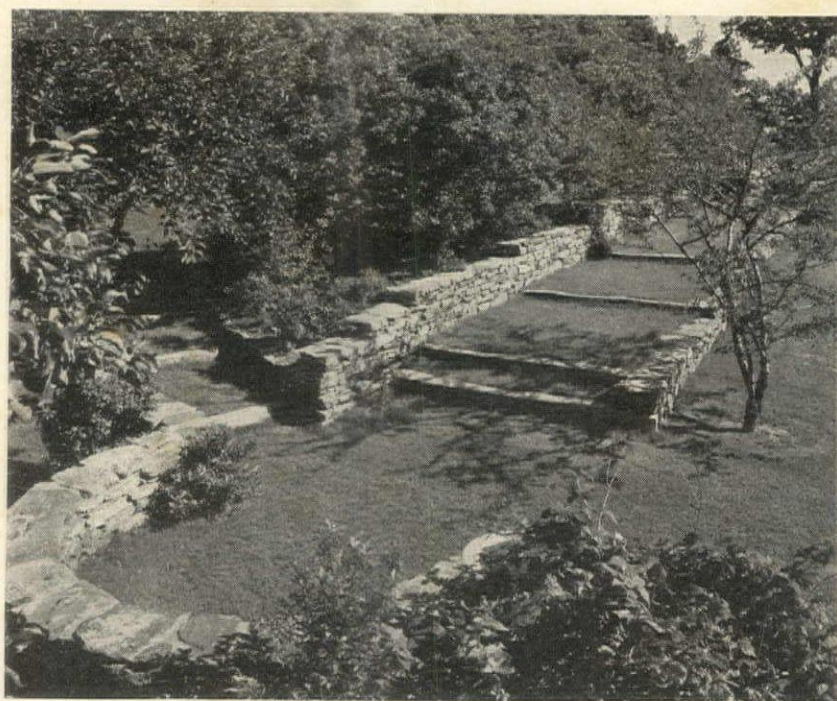




TENNIS COURT TERRACE



BETWEEN VEGETABLES AND FLOWERS



THE RAMP TO GARDEN VIEW



THE HOUSE RILL

## Variety on a country place

IT IS as necessary for garden designers to practice ingenuity as any of the other artists. Ingenuity in making the most of natural features will assure a garden a wide diversity of purposes and interests, no matter what its size.

Here, on the Raymond V. Ingersoll estate at Northport, L. I., the change of garden pace is marked by several of these developed features. A tennis court, for example, needs a gallery, so under old trees close by was laid out an informal, stone-paved terrace. Its central lily pool and sitting rim add pleasantly to its design. Terrace furniture contributes color here.

Farther away from the house a wide grass path climbs a gentle slope up to the woods. Flower-bordered is this path, with vegetables on one side behind the edging flowers and massed flowers for cutting on the other.

The slope of the ground at one point, where a good view of the garden is afforded, suggested a ramp with low stone risers and stone walls on each side. This also separates the garden from the house area. In an angle of the house the view from a covered terrace is given interest by a long flower-edged rill emptying into a pool. Florence B. Baker was landscape architect.



# Careful planning and planting



LAWN AND SHRUBBERY

## A New Jersey country rear garden with a well-spaced lawn

THE garden of Mrs. M. E. Henderson, Rahway, N. J., shows what an amateur can do when a sense of scale directs her design. The long panel of turf is well supported on one side by a flower border and on the other by a green background of massed shrubs.

From this rather formal treatment relief is found in the wild garden and pool at the farther end, where high trees lend a background for the water-loving plants before them. It is a garden designed for enjoyment in outdoor living and working with the flowers and shrubs.

JESSIE TARBOX BEALS

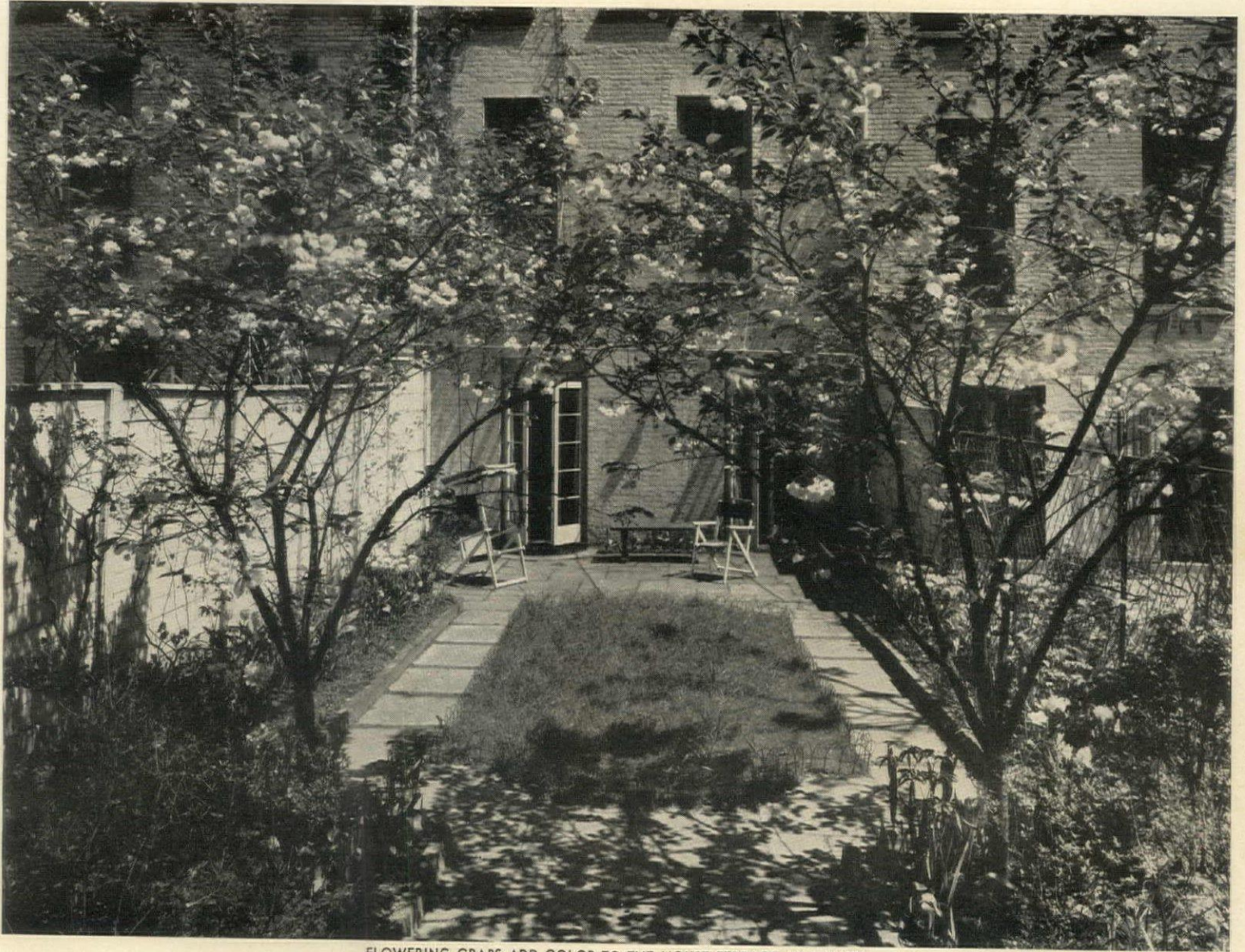


THE POOL AND WILD GARDEN, IN VIVID CONTRAST TO THE FORMAL TREATMENT SHOWN ABOVE



# glorify these two backyards

RICHARD AVERILL SMITH

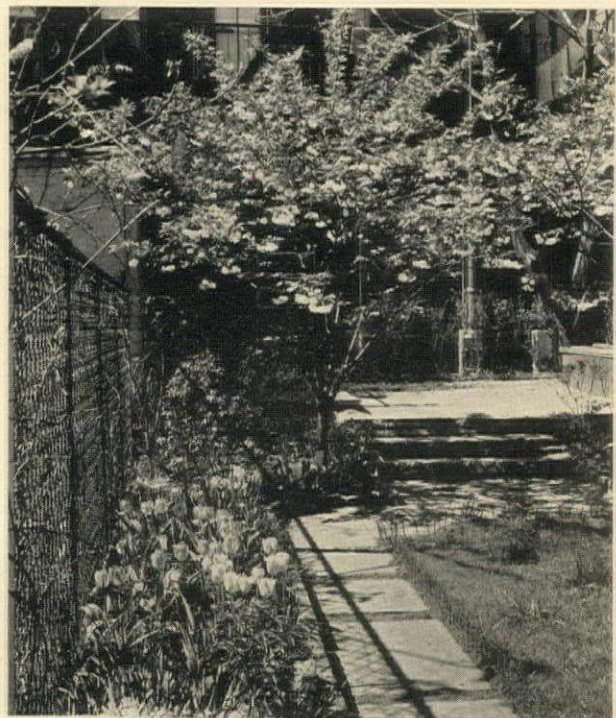


FLOWERING CRABS ADD COLOR TO THE HOUSE TERRACE AND LAWN

## A New York City backyard in which family living is provided

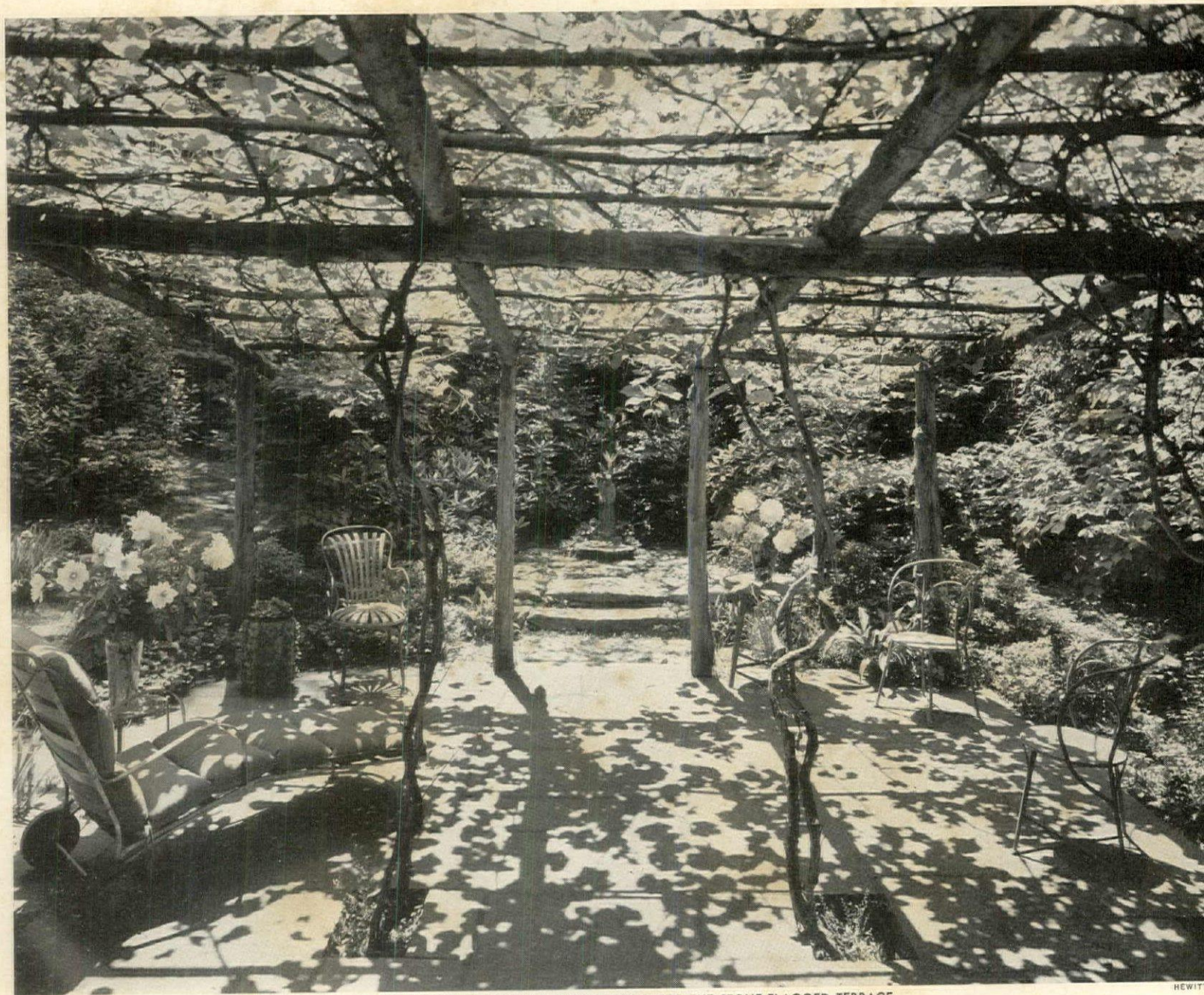
THE New York City garden of Mrs. Baldwin Maull was designed for family recreation and a play space for two children; and still to include a terrace, flower borders, a grass panel for archery and a drying yard, all in 20' x 50'. A brick terrace supported by a planted dry wall was laid behind the house and the old flagstones relaid for paths and curbing to beds.

In the borders round the lawn are bleeding hearts, iris, daylilies, early Spring bulbs, annuals and chrysanthemums. The house and fence are covered with wisteria, bittersweet and several bushes of espalier forsythia. Trees are flowering crabs which in Spring spread their brilliant blossoms over this country-in-city garden. Mary Deputy Lamson was the landscape architect.



TULIP-BORDERED WALKS





FLOWERING SHRUBS FORM A BACKGROUND FOR THE STONE-FLAGGED TERRACE

## Spattered light and shade on a vine-covered Hudson Valley terrace

AMONG the comfortable and pleasant features of the garden of Mrs. Edward Jaffray at Ardsley-on-Hudson is a rustic, vine-roofed terrace. By keeping the vines in hand and not allowing them to become too rampant, this sitting-out spot has just enough shade and just enough sun to be comfortable on Summer days.

Contrasting with it is the sunny rear part of the garden, where rhododendrons form a background for a statue of St. Francis feeding the birds. A bird bath lies at his feet and low-growing flowers spread their blossoms each side. This grouping is set apart by two shallow steps above the terrace level.

In such a garden the background is best formed by flowering shrubs. When these are not in flower, potted plants can be ranged about the stone-flagged terrace to introduce the necessary color.

Such shrubs being informal in growth, it was desirable that the structure of the arbor be informal too. It has the quality of an Italian peasant's arbor, such as one sees in Umbria—and a suitable approach for a figure of the Fratello who shared his life with beasts and birds.



ST. FRANCIS FEEDS THE BIRDS



# Gardener, spare that tree!

## A check list of accidents and diseases befalling trees — Preventative care

**T**HE old Romans had a saying to the effect that the most necessary thing on a country place was the eye of the owner. The owner's eye which saw what had to be done. Today we know a great many more things to do and the eye of the owner is more required than ever before. In no branch is this so required as in the care of trees.

Trees are a responsibility that should be gladly undertaken. They don't have to be nursed, as do tender roses, but they do pay handsome dividends of foliage, shade and lusty growth in return for a little care. If the eye of the owner cannot see what they need, then he should call in a dependable and trained tree expert to help him see.

**While all the ills and accidents** that can happen to trees make an appalling list, we must remember that all of them don't happen to all trees. Each tree family has its own group of enemies and in recognizing and combating these the tree expert is necessary.

On the other hand, certain general work does apply to all trees. They can be listed:

(1) Cutting out dead branches, interfering branches and parts broken by ice or wind. Cutting out rotted or infected trunk areas, sterilizing cavities and filling them.

(2) Feeding those trees standing on lawns that permit no natural accumulation of humus and therefore obviously show the lack of food.

(3) Cabling weak crotches and other parts that may develop into trouble-makers in future years or cause destruction and loss in storms.

(4) Preventative spraying to forestall the activity of certain pests that are sure to attack. Granted that the others have been taken care of, this last should be the only annual expense. It usually is given in two doses, according to the type of tree—a spray against scale and a later spray to protect foliage.

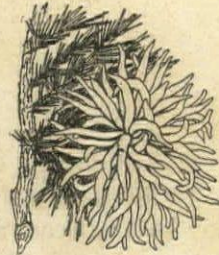
**There are particular scales** that attack European elms, golden oaks, junipers, pines and magnolias. Then the cottony maple scale may light on poplars, sycamores, elms and oaks beside. Terrapin scale is found on maples and sycamore also. Euonymus scale will also go at bittersweet and pachysandra. Scummy scale may appear on apples, pears, cherries, elms, ashes and willows. The most prevalent, the oyster shell scale, divides its destructive attention among ash, elm, poplar, walnut, willow, lilac and many others. These scales are ills of trunks, branches and twigs.

In other ways are these structural parts of trees attacked. Twig borers, such as the pine shoot moth and the white pine weevils, may attack leaders of trees so that they are killed or distorted and have to be gone at with arsenate of lead.

**The European pine shoot moth**, which has a penchant for Austrian, Scotch, mugho and red pines, buries its larvae at the base of the needle cluster and as soon as warm weather breaks gets to work. If you see a flopped leader, dig down at the base and sure enough the blank-blank will be there. Early in the year cut and destroy these infected buds and spray with fish oil and arsenate, 1½ lbs. of arsenate and 1 pint of oil to 50 gallons of water.

Fire blight will appear on apples, pears, quinces, mountain ash and hawthorns, as is indicated when twigs wilt and turn brown. Wood borers give themselves away by a trail of sawdust. About all you can do to prevent these is to cut off all dead

(Continued on page 41)



CEDAR "APPLE" IN SPRING



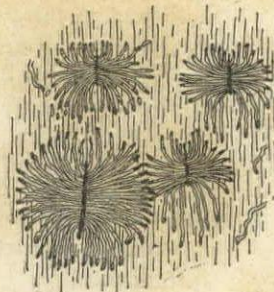
CEDAR "APPLE" IN FALL



NEGLECTED PRUNING



EUONYMUS SCALE



HICKORY BARK BEETLE



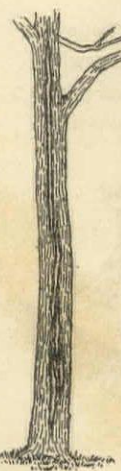
PINE SHOOT INJURY



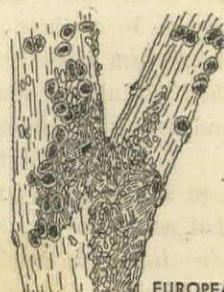
OYSTER SHELL SCALE



SPRUCE FALL



FROST SPLIT



EUROPEAN ELM SCALE





# Combating the enemies of plants

Sprays, dusts and equipment for applying them—Bugs and the diseases of popular plants and their prevention



After the hand sprayer, used only indoors, the simplest is the pump inserted in a bucket. Suitable only for a small place



Holding several gallons, the sprayer slung over the shoulder or strapped to the back is the best for the average garden



A duster, either of the bellows type or this kind worked with a plunger, is an essential piece of garden spraying equipment



Two-man sprayers, suitable for large places, hold a long supply of disease-resisting mixtures. Keep all the parts clean

ON the previous page, having listed some of the ills that can befall trees, we may now list those that befall a few common flowers. To the gardener a well-stocked shelf of dependable spraying and dusting ingredients is a grim necessity. Also he keeps his sprayer and dust gun as clean as any soldier keeps his rifle.

In this warfare prevention is half the cure. Clean cultivation and plants well fed so that they go along unchecked are the first steps in prevention. Another is to space plants wide enough apart so that air can circulate around them. A third is to spray before the bug or disease makes its inroads. A fourth step is to burn diseased foliage and plants.

**PESTS AND DISEASES.** The bugs that attack plants are of two kinds: chewing insects, which are killed by poisoning the foliage they chew; and sucking insects, which can be smothered by a contact spray. A third group, the cutworms, are dug up and killed or lured to their death with a mixture of poisoned bran.

In addition to these bugs are the fungus or virus diseases, whose name is legion. Not all plants are affected by them. The beginning gardener need not work himself into a lather over bugs and diseases. Be prepared for them and carry on the warfare steadily.

**EQUIPMENT.** The ammunition that should be found on the tool-room shelf will include nicotine, fish oil or whale oil soap and a good oil emulsion, arsenate of lead (Bordeaux mixture), sulphur and flowers of sulphur, sodium fluosilicate for aster beetles, rotenone, copper lime dust, and mercury compounds in either tablet or dust form. These come under proprietary names. The label indicates the contents of can or package.

For the small place a bucket sprayer may suffice, but better work can be done with a knapsack sprayer, especially the kind that has a side pump and handle and can be charged with air without removing from the back. A still larger spraying equipment is a two-man affair on wheels, and finally those driven by electricity or a gas engine. In addition to a sprayer each gardener should arm himself with a dust gun. The poison shelf will also be equipped with a quart measure and measuring spoons.

It is essential that spraying equipment be kept in shape for quick work. Strain everything that goes into the tank and rinse out all parts after using, because many of the ingredients of sprays are highly corrosive.

**POPULAR PLANT ILLS.** Instead of attempting to list all the diseases and pests attacking flowers, let us select a few popular plants and consider their ills.

Hollyhocks suffer from a rust that eventually destroys the leaves. To prevent this, dust in March, April, May and June with sulphur. Collect and burn all diseased foliage.

One of the enemies of the peony is a virus disease called botrytis, which is made evident by blasted buds and blackened foliage. Against this, spray the foliage, as soon as it appears above ground, with Bordeaux mixture, and repeat the sprays through June. Peony chafers must be picked by hand. The aphids which swarm on flower buds do no harm.

Summer phlox suffers from mildew in muggy days and red spider in all the rest. Sulphur is the specific for the mildew—dust it on—and for the spider mites, impossible to see with the naked eye, use rotenone.

Roses are heir to several ills. The first is stem canker. In early Spring prune out all diseased or blackened wood and burn it. Dust or spray weekly with some proprietary formula containing nicotine, which takes care of aphids; sulphur or its equivalent, which takes care of mildew; and arsenate of lead for blackspot. Always spray and dust rose foliage from the bottom up.

The stately delphinium finds its most virulent enemy in crown and stem rot, especially encountered in times of excessive humidity and temperature. The soil can be disinfected with a formaldehyde solution—1 part 37% formaldehyde to 50 parts water. Drench this into soil at the rate of  $\frac{1}{2}$  gallon per square foot, having forked the soil to 10". Cover the spot with burlap for ten days and then rework the soil. Meantime, the diseased plant has been burned. Some gardeners dig in naphthalene flakes—8 oz. per square yard—cover the spot and turn the soil over in ten days.

Clematis is often killed to the ground by the spread of a fungus that gets down into the stem. This disease can be combated by dusting with sulphur, spraying with Bordeaux or soap and sulphur at the rate of 1 lb. of soap to 6 lbs. of sulphur.

Discretion is just as much the better part of valor in a garden as in the rest of life. Avoid plants that are prone to disease. Avoid those yellow roses which blackspot defoliates by July. Avoid those lilies which are notorious for mosaic. Buy plant material from dependable nurserymen who are known to maintain healthy stocks.



# Plants that serve two seasons

Trees and shrubs valuable for their flowers, fruits, Autumn foliage and brilliant twigs in Winter



BITTERSWEET, ORANGE



SEA BUCKTHORN, YELLOW



ENGLISH YEW, CORAL



BEAUTY BERRY, PURPLE



EUROPEAN CRANBERRY, RED



MOUNTAIN ASH, ORANGE

**L**IKE HOUSE & GARDEN, the beauty of quite a number of trees and shrubs comes in two sections. In addition to the shape of the bush or tree, which is often decorative itself, they are valuable first for their flowering, then for their colorful foliage and fruits. These two-season plants are so numerous and various in size that even the smallest place will have room for one or a few of them. Their characteristics and contributions should be studied before one makes a selection.

Some of the fruits supply food for birds, other fruits are either too bitter or too acid and the birds leave them alone, so that the fruit remains all Winter. In this group are barberries, bittersweet, thorns, American holly, winterberry, Japanese and European privet, bayberry, pyracantha, smooth and staghorn sumac, multiflora and rugosa roses, high-bush cranberry, mountain ash, buckthorn.

**AUTUMN FOLIAGE.** While the number of flowering trees and shrubs which contribute to the richness of Autumn foliage is considerable, it is well to recall how the leaves of the winged euonymus turn a deep rose, and those of the cutleaf stephanandra reddish bronze, the chokeberry red and the enkianthus a multitude of red and brown tints.

Others that delight the eye in Autumn are the bluish of white fir, the reddish of Schwelder maple, the whitish of ghost-stem barberry, the yellow and green of golden *Sarwa retinospora* and the blue-gray of moss retinospora. The purple beech gives reddish purple to the landscape, Japanese privet yellow and green, the golden English yew yellowish tints and *Viburnum carlesi* crimson.

**COLORED TWIGS.** In Winter those trees and shrubs which reveal colored twigs take on added value. The beeches and white prinsepia are gray and the poplars whitish; Tatarian dogwood and Virginia rose both are red; the purple osier, *Salix purpurea*, purplish; gray birch and the ghost-stem barberry white; sweet pepperbush has green twigs and thorns, the red osier bright red twigs.

In addition to flower, fruit and colorful Autumn foliage plants give a two-season service in another way. The peony, for instance, maintains its fountains of foliage long after its flowers are gone and is decorative in itself. Summer phlox makes a green background for plants that flower earlier. And so it goes, down the reaches of the border. Finally there are those plants which give recurrent bloom—several of the June-flowered climbing roses, some of the species such as *hugonis* and its earlier counterpart *primulina*, occasionally a flowering crabapple and a wild lilac.

## CHECK LIST OF COLORFUL FRUIT

Alternate-leaved dogwood, *Cornus alternifolia*—black  
 American bladdernut, *Staphylea trifolia*—yellowish  
 American elder, *Sambucus canadensis*—purple black  
 American holly, *Ilex opaca*—red  
 Arrowwood, *Viburnum dentatum*—blue  
 Barberries in variety—red or purple  
 Bayberry, *Myrica cerifera*—gray blue  
 Beauty fruit, *Callicarpa purpurea*—lilac violet  
 Bittersweet, *Celastrus scandens*—orange  
 Bladder senna, *Colutea arborescens*—greenish fruit  
 Buffaloberry, *Shepherdia*—scarlet  
 Bush honeysuckles—*Lonicera morrowi*, *L. tatarica*—red  
 Cherry eleagnus, *E. longipes*—orange-red  
 Cherry oleaster, *Eleagnus longipes*—scarlet  
 Chokeberry, *Aronia arbutifolia*—red  
 Christmasberry, *Photinia villosa*—bright red  
 Cotoneasters in variety—small red  
 Crabapples, *Malus*—small or largish apples  
 Doublefile viburnum, *V. tomentosum*—red changing to bluish black  
 Diels cotoneaster, *C. dielsiana*—coral red  
 European burning bush, *Euonymus europaea*—crimson  
 European mountain ash, *Sorbus aucuparia*—orange  
 European cranberry bush, *Viburnum opulus*—scarlet  
 European red elder, *Sambucus racemosa*—red  
 Firethorn, *Pyracantha coccinea lalandi*—scarlet orange  
 Flowering dogwood, *Cornus florida*—long scarlet  
 Fragrant sumac, *Rhus canadensis*—dull red  
 Glossy buckthorn, *Rhamnus frangula*—green, red, black  
 Gray dogwood, *Cornus paniculata*—white  
 Hercules club, *Aralia spinosa*—black  
 Holly in variety, *Ilex*—red or black shiny fruit  
 Indian currant, *Symphoricarpos vulgaris*—red  
 Japanese holly, *Ilex crenata*—red  
 Japanese quince, *Chaenomeles japonica*—green  
 Leather leaf viburnum, *V. rhytidophyllum*—red, black  
 Morrow honeysuckle, *Lonicera morrowi*—dark red  
 Mountain andromeda, *Pieris floribunda*—light green  
 Mountain holly, *Nemopanthus mucronatus*—red  
 Nannyberry, *Viburnum lentago*—red to blue  
 Oregon holly grape, *Mahonia aquifolium*—blue black  
 Porcelain ampelopsis, *A. brevipedunculata*—porcelain blue  
 Sea buckthorn, *Hippophae rhamnoides*—orange yellow  
 Siberian dogwood, *Cornus alba sibirica*—white  
 Snowberry, *Symphoricarpos racemosus*—white  
 Staghorn sumac, *Rhus typhina*—crimson  
 Strawberry bush, *Euonymus americanus*  
 Tatarian dogwood, *Cornus alba*—white  
 Yews in variety, *Taxus*—red  
 White fringe, *Chionanthus virginica*—dark blue  
 Winged euonymus, *E. alata*—orange  
 Winterberry, *Ilex verticillata*—red



# Delicacies from the vegetable patch

**Y**OUR friends may laugh when you tell them that you grow your own vegetables because you can get better quality than it is possible to purchase. But when these same friends sit down at your table, it is a different story! Without exception they will enthusiastically admit your claims. And that is part of the reward for "growing your own."

For upwards of two-score years the writer has grown vegetables for his own table, sometimes in a full-sized garden where everything from asparagus to zucchini squash could be raised, sometimes where limited space and time made it necessary to cut down the list to a baker's dozen of those that yield the most for the minimum investment in ground area occupied and work required. Always there has been a kick in growing them, and a thrill in getting flavor not otherwise obtainable, that have more than paid for any labor involved.

Your real gardener grows vegetables for the fun of the thing, not primarily for any saving in dollars and cents. It is possible to make out a very good case for home vegetable growing on grounds of economy, especially if the household's better half is willing to can and preserve the surplus—a practice, by the way, that can be accomplished with modern equipment much more quickly and agreeably than was formerly possible.

But in the writer's household there is never any thought of casting up a balance sheet for the vegetable plot any more than there would be for the flower borders. The point is that it is not possible to buy, at any price, what one gets out of a home vegetable garden. That commodity simply is not on the market!

**SPACE REQUIREMENTS.** Right at the start the man who wants to enjoy the pleasures of "growing his own" must determine whether he will attempt a fairly complete list, or a few selected kinds. This in turn will depend largely on the space at his disposal; but if he is a beginner, we strongly advise his attempting not over a dozen or fifteen, regardless of the space available.

A plot so small as 10' x 20', under intensive cultivation, will produce a worthwhile supply of many delectable things, but it is better to have at least twice that much space available if possible. Some of this ground will give two or three crops during the season, and these extra dividends help to make even the small plot a practical undertaking. And incidentally, the planning and contriving that enables one to squeeze these extra dividends out are no small part of the fun of the game.

On a plot 30' or 40' by 50' one can do some real cropping if a few of the space-eating types are omitted. On double that area, one can make a fairly complete layout of the catalog's vegetable pages.

**TWO TYPES OF VEGETABLES.** In the following lists of "conservationists" and "space-eaters" the commonly grown vegetables have been placed in two categories. The order in which they are mentioned indicates, approximately, the returns they give, based on (1) the amount of space occupied; (2) probable yield; (3) time required for culture; and (4) length of the season of growth.

From this aggregation of possibilities the individual gardener must make his own selections. If his family happens to be con-

ditioned against spinach or turnips, naturally New Zealand spinach and turnips will be dropped; and if they are particularly fond of cucumbers, a few hills will be grown even though cucumbers offer little in food value for the space occupied and are subject to disease and insect injury. And so on down the line.

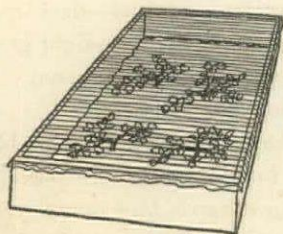
## THE CONSERVATIONISTS

Tomato	Beets
Bean, pole	Carrots
Bean, bush	Onions (sets)
Broccoli	Turnip
Cabbage	Peppers
Spinach, N. Zealand	Celery
Chard	Parsnip
Radishes	Salsify
Lettuce	Witloof (chicory)

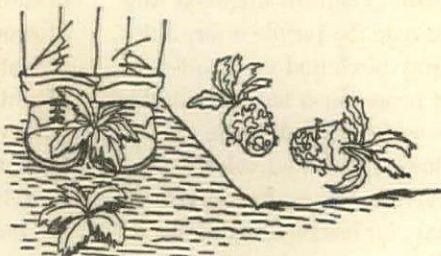
## THE SPACE EATERS

Sweet corn	Potatoes
Peas, tall	Eggplant
Peas, dwarf	Okra
Squash, bush	Melon, musk
Squash, vine	Melon, water
Spinach	Pumpkin, pie
Cucumber	Onions (from seed)

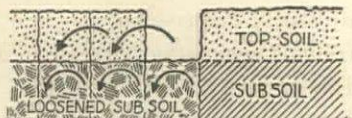
**FUN WITH NEW VARIETIES.** The person who has never grown his own vegetables, who goes to market and to whom beans are just beans, carrots carrots, and tomatoes tomatoes, has no conception of the vast difference in table quality that exists in different varieties of the same vegetable. To the commercial vegetable grower, yield, appearance and "shipping quality" are of first consideration; excellence in table quality comes last. Shipping quality and the best table quality



Bottomless boxes, covered with plant cloth or netting, help to get vine crops through the dangerous baby stages



When setting out plants (above), success depends on getting them firm in the soil. Don't be afraid to use feet



In digging shallow soils (left), don't bring sub-soil to surface. Loosen it after removing the good soil lying above it



Potted plants of tender crops—tomatoes, peppers, eggplant—give the quickest and surest results and save time



# Proven varieties to grow in the small garden as well as the large — From F. F. Rockwell's experience

do not often come wrapped up in the same variety of vegetable.

With fruit vegetables—such as tomatoes, peas, corn or cantaloupes—there is enjoyed in the home-grown product the further advantage that they can be gathered at exactly the right stage of ripeness, or perfectly fresh. Tomatoes or melons, left to sun-ripen on the vines, cannot be handled for shipping even the shortest distance; corn or peas lose much of their real lusciousness if even a few hours intervene between picking and cooking—and anyone who thinks they are “just as good” frozen simply is not acquainted with the real thing.

Testing out vegetable varieties to get the very maximum of table quality is a fascinating game. Here—as in the field of flowers—the newest is by no means always the best. But improvements are constantly being made, and there's a real thrill (not limited to gustatory enjoyment alone) in the discovery of something better to replace successfully a known good.

Here are some varieties that the writer, from long experience, can recommend. With the exception of a very few of the “novelties”, they have stood the test of his own garden over a period of years.

## OLD AND NEW VEGETABLES OF TOP TABLE QUALITY

*Asparagus*: Mary Washington; Paradise.

*Beans*, bush: Tendergreen; Commodore green; Brittle Wax, yellow.

*Beans*, pole: McCaslan, green; Golden Chester Wax, yellow.

*Beans*, bush lima: Fordhook; Baby Potato.

*Beans*, pole lima: King of the Garden;

Small Sieva.

*Beet*: Asgrow Wonder; Bravo.

*Broccoli*: Calabrese (Italian sprouting).

*Cabbage*: Early Jersey Wakefield; Mainstay Early; for Spring and Summer; Penn State Ballhead; for Fall and Winter.

*Cauliflower*: Early Snowdrift (White Mountain); Danamerica.

*Carrot*: Morse's Bunching; Tendersweet.

*Celery*: Golden Plume (Wonderful); Emperor (Fordhook).

*Corn*: Golden Cross Bantam; Tendergold; Golden Sunshine; Allegheny.

*Cucumber*: Straight Eight; Ace (Colorado); Mincu.

*Eggplant*: New Hampshire Hybrid; new variety for northern sections; Black Beauty, bears later in Fall.

*Lettuce*: Mignonette, small bronze head; Imperial No. 44; Grand Rapids, loose leaf; Cos, Paris White.

*Melon*, *Musk*: Pride of Wisconsin (Queen of Colorado) a new variety of exceptionally uniform, excellent flavor; Mildew-Resistant (Imperial) No. 45, a type of Hale's Best for sections where powdery mildew is prevalent; Jenny Lind, old but excellent.

*Melon*, *Water*: Fordhook Early (for Northern sections); Florida Favorite; Leesburg (Wilt resistant).

*Okra*: White Lightning; earlier than old type.

*Onion*: Crystal White Wax (Bermuda); White Queen (White Pearl) Southport White Globe (for Winter).

*Peas*: Best Extra-Early, dwarf; Montana Monarch (tall); Laxton's Progress, dwarf; Wizard, tall; Wyoming Wonder, semi-dwarf; Alderman, tall; Champion of England, tall.

(These varieties mature in this order. Teton is an improved disease-resistant Thomas Laxton.)

*Parsley*: Paramount.

*Pepper*: Windsor-A; Burpee's Sunnybrook, flat mild fruits.

*Pumpkin*: Small Sugar.

*Radish*: Saxa; Red Giant; White Icicle.

*Spinach*: Summer Savoy; Old Dominion (blight resistant); New Zealand, not a true spinach, but excellent quality, and grows all Summer long.

*Swiss Chard*: Burpee's new “Rhubarb-Chard”, most refined in flavor, with mid-ribs making a second vegetable from the same plant. (Rose pink and red.)

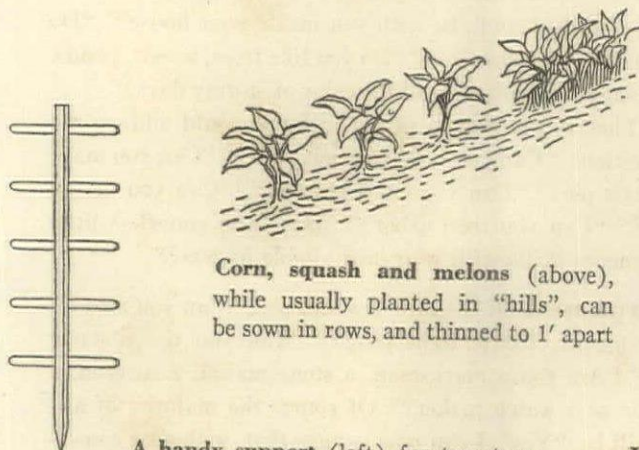
*Squash*: Conn. Straightneck; Zucchini; Table Queen.

*Tomato*: Stokesdale, extra early; Rutgers; Master Marglobe; Tangerine, yellow.

*Turnip*: Red-top White Globe; Golden Ball.

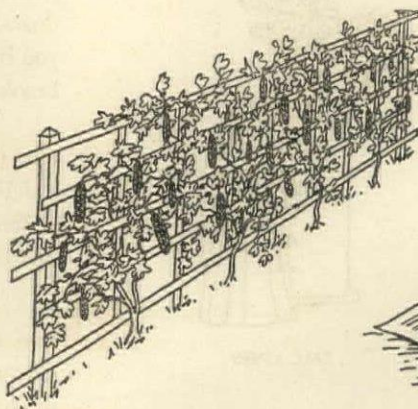
**ASPARAGUS AND RHUBARB.** Asparagus and rhubarb, being perennials, it pays to plant only where the garden will be fairly permanent. On the other hand, it is not difficult to grow them successfully even when one has no vegetable patch at all. Six to ten plants of rhubarb, or 15 to 50 of asparagus can be placed—in one or more groups—in sunny spots in front of a shrub border or at the back of a flower border. After yielding their crops in Spring and early Summer, they both make strikingly decorative ornamentals in the garden border.

Mary Washington is the standard variety of asparagus, but a new variety from California, Paradise, is claimed to be superior and to yield a (Continued on page 40)

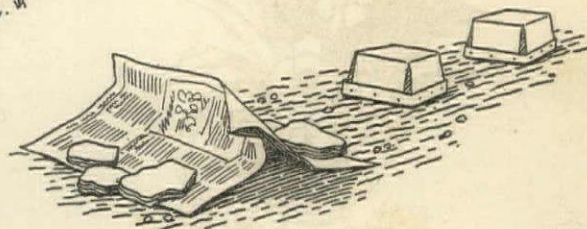


Corn, squash and melons (above), while usually planted in “hills”, can be sown in rows, and thinned to 1' apart

A handy support (left) for tomatoes and pole beans can be made from stout pointed stakes, with plasterer's laths



In the small garden, space may be economized by training cucumbers on a fence or trellis as one does tomatoes



Prevent wilting of newly transplanted plants by shading, with a plant protector, sheet of newspaper, or a berry box



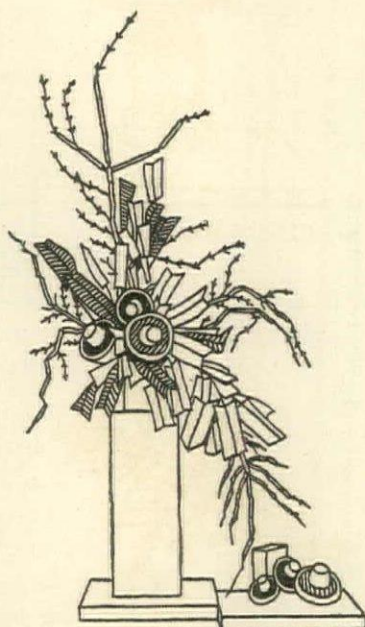
# First principles of flower art

Martha P. Emerson, a prize-winner, tells what it takes to make arrangements.

## American Schools



ASYMMETRICAL BALANCE



AFTER DALI



RADIATING DESIGN



LINES AND MASSES



TALL LINES

**H**AVE you noticed how subtly terms in flower arrangement are going through a metamorphosis? The caterpillar term of flower arrangement itself is now the butterfly—flower art. A true art must boast of universality as a quality. Does flower arranging have such universal appeal?

It has most assuredly. One has only to count the literature on the subject and weigh the quantity of the written and spoken word. It would not take a statistical survey or the computation by a score of expert accountants, of the number of flower shows and their schedules circulated throughout the United States in 1940, to convince the skeptic that wherever a few are gathered together in the name of flowers, arrangements are inevitably discussed. What is more, they are discussed in no uncertain terms; and no matter how many times the terms are defined, personal interpretation creates new definitions intelligible only to each individual—or so it seems.

Yet, time and time again, the beginner asks, "Can you outline for me the first principles of flower arrangement?" or even the question reduced to its simplest terms, "How should I arrange flowers?" When trying to crystallize your ideas into some coordinated method of easy comprehension, you might ask yourself, "What would be the first thing that I would tell a group in the United States that had never heard of arranging flowers—if there is any such fortunate group, where ignorance on this subject is enjoyed as bliss?"

**BALANCE.** I asked a friend of mine, who is a competent and talented exhibitor, to tell me what she felt was of prime importance and she replied, "Balance". "Balance" came as a great shock to me, as an answer, because I think of balance as a quality of the intellect. One must assume first that there is a knowledge of unbalance before balance can be recognized or understood.

I think I would begin by asking, "Do you like flowers?" "Have you ever grown any flowers of your own?" "Do you like flowers so much that you don't want to leave them outdoors, but wish them to be with you inside your house?" "Do you like more than flowers?" "Do you like trees, woods, ponds, brooks, sunsets, rainbows and the color of stormy days?"

Then to the women in particular I would address my next questions. "Can you sew extremely well?" "Can you make a delicious pie?" "Can you cut a pattern?" "Can you design a dress?" "Can you trim a hat?" "Have you countless little miscellaneous skills with your own nimble fingers?"

**FOR MEN.** Of the men I would ask, "Can you mend a roof or fix an electric light plug?" "Can you use a screw driver?" "Are you a marksman, a stone mason, a surgeon, a mechanic or a watch maker?" Of course the majority of answers will be, "Yes". I can now assume that, without a conscious recognition of a craft, these various skills or accomplishments prove that the average man or woman, educated or uneducated, can take a teapot, a pitcher, a tin can, a wooden box,



or any one of the homely utensils that are universally at hand and can make flowers or combinations of plant materials stand up in any container with the aid of pebbles, leaves, fern or grass cuttings for holders. With practice the craft can become as complicated as one wishes it to be.

Then I would ask as a next step, "Do you see color?" "Can you find colors that you like in flowers and make the flowers express your own vision as a painter would do?" "Do you hear music and like it?" "Can you play any simple instrument such as a mouth organ, a Jew's harp or a fiddle?" "Do you like to keep time to music in any sort of dance routine?" "Do you see motion in a swaying tree, or in a ripple on the surface of a stream?" "Can you find a branch or a leaf to reproduce motion in your flower arrangement?" "Do you think in terms of poetry and universal rhythm?" "Have you ever modeled any form in clay?" "Can you make it symbolize an ideal that you yourself have or can you reproduce an object you have seen?" "Do you like to feel textures, soft linen, light cotton, cold crystal, smooth marble or rough bark?"

What ability therefore must a person have who desires to become a flower artist? The ability to select, to combine and to create with a sure technique, and a knowledge gained from a long observation and love of nature. The artist in flower arrangement is merely a craftsman of unusual ability.

**FOR BEGINNERS.** This is all, then, that I would tell the beginner. 1. Think of flower arrangement or flower art first in its broadest aspects, in its relation to all the other arts. 2. Reproduce natural effects in as harmonious a setting as possible. 3. Recapture exhilarating or relaxing color. 4. Interpret a quality in your combinations of plant materials that is atmospheric or musical or poetical. 5. Animate your flower arrangement with your own personality and imagination. 6. Last but not least—practice.

I am fully aware that this is highly controversial advice and that advanced students will say, "That's heresy. Be practical. How can you tell a beginner things like that? Teach them a simple triangle design. Tell them what the component parts of good design are."

I will make a confession to you. I am just as weary of the overdesigned arrangement as I am of the completely undesigned. I agree that all great art and great composition has design, certainly, but the more subtle it is, the more fascinating, and the more original, the more intriguing. The same for music in all its patterns.

Many arrangements in flower shows today look like perfect surgical operations with every suture in accurate alignment. I do not hold, either, with the school that says you must have a design in mind before you begin, preferably on paper with explicit diagrams. Any one who can do this, and of course there are many so accomplished, deserves the deepest admiration, because the uncertain quality of flowers, their susceptibility to light and air, and their tendency to change unexpectedly from their original form, make this a feat extraordinary.

**MATERIAL AND MEANING.** There is a wealth of available plant material suitable for arranging. To make an unusual design, one must try over and over again with different forms until it becomes spontaneous and imaginative. The failures are more numerous than the successes, but once a success is achieved, the greatest joy and pleasure is experienced. These successes then contribute to flower art.

The Japanese teach a particular kind of technique or craft not always applicable or (Continued on page 38)

## Japanese Schools



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ANTIQUER'S PARADISE—HENRY FORD'S GREENFIELD VILLAGE—PRESENTED FOR THE FIRST TIME IN OUR FEBRUARY ISSUE



# Notes on flowering trees and shrubs

## Selected kinds of lilacs, azaleas, magnolias, mockoranges and the dogwoods



**SHRUBS POPULARITY.** During the past few years, when the cost of maintaining gardens has risen to a frightening height, an effort has been made to find a way of making gardens that would be inexpensive to maintain. The solution is a garden of flowering trees and shrubs. Once in their permanent positions and spaced far enough to reach mature size without crowding, these shrub and tree borders require only a minimum of care.

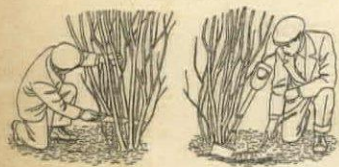
If they are used as backgrounds for flower borders or along garden paths, their encroaching roots may be kept in place by sinking planks between them and the bed.



**LILACS** would be the first choice of most people for that shrub garden. Out of the hundreds of French hybrids which should we select? In the whites, we recommend Jeanne d'Arc, Edith Cavell, Ellen Willmott, Marie Legraye and Vestale. For the violet-reds, Adelaide Dunbar, Charles Joly, Diderot and President Loubet. Don't miss Capitaine Perrault, double rosy mauve; Lucie Baltet, single old rose; Negro and Congo, both deep purple; President Lincoln, Wedgwood blue. Of the species, consider the Hungarian *S. josikaea*, the pinkish *S. microphylla*, the feathery and rosy purple Persian lilac.



**AN AZALEA SELECTION.** For those who have naturally acid soil or the means of making it, no flowering shrub is capable of giving so vivid and lovely colors as the azaleas. Start with one of the earliest, the pink royal azalea, *A. schlippenbachii*. In the Chinese group, *A. mollis*, are found an infinity of yellow, orange and salmon tints. *A. pontica* provides a deep orange and our native *A. vaseyi* a delicate pink, and *A. kaempferi* orange red. *A. maxwellii* alba bears pure white single flowers and *A. macrantha* orange red, with *A. kaempferi* single salmon red. In milder regions the Kurume azaleas should be tried. They, too, have a remarkable color range.



**RENOVATING SHRUBS.** Shrubs should be pruned, if they need it, immediately after flowering. However, it is not necessary to trim all shrubs each year, except to remove the spent flower trusses of lilacs, and to cut out dead wood of forsythia or old flowered wood

of mockoranges, which may get too leggy.

Old shrubs, especially lilacs, are apt to become overgrown with suckers and filled with crippled old branches. The latter can be taken out and the suckers dug up as shown here. Or it is possible to cut a lilac down to 1' and in a few years have a more flourishing bush. The clippers are also needed where branches interfere or where growth is so dense as to need some openings for light and air.



**MAGNOLIA STARS.** The taste in magnolias may vary. Some prefer the *M. soulangeana* kind—with varying pinkish white saucer flowers according to variety. These are favorites in the North.

Others may select the cucumber tree, *M. acuminata*, with yellowish green flowers and still others the white-flowered sweet bay, *M. glauca*, with leaves almost evergreen. But for delicacy, we award the palm to the early-flowering, fragrant *M. stellata*, the star magnolia. It is the first to bloom, and a welcome sight its stars are!



**MOCKORANGE FAVORITES.** Both the large-flowered and the small types of mockoranges should be found in every shrub collection. The two old-fashioned kinds are the fragrant *Philadelphus coronarius* and *P. grandiflora*, the big mockorange. Among the relatively newer hybrids you find Avalanche, with arching branches, the large-flowered, fragrant Bouquet Blanc, the equally fragrant Lemoinei, the erect and spotless Virginal and the dwarf Mont Blanc with its multitude of small, sweet-smelling blossoms. These smaller types of mockoranges are especially valuable for facing down the taller, or for the front of general shrubbery plantings.

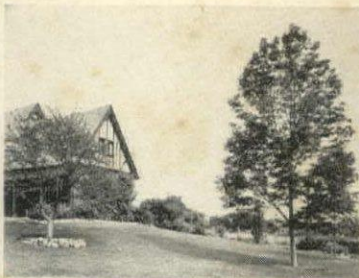


**WATERING AND FEEDING.** Granted that the hole for a shrub has been well prepared, i.e., dug down to 3' and ample enrichment put in, there is no necessity for feeding it for a year or so afterward. When first planted a saucer should be left in which rain and hose water can collect. Into this can also be placed fertilizer over Winter to be forked in in the Spring. The water is quite essential. In drought, use a water sword to bring moisture directly to the roots. The bush can also be fed by punching holes 1' apart in the surrounding sod or soil, and filling these with plant food.



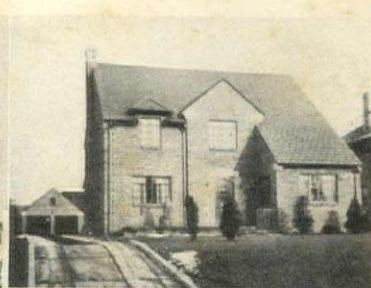
**DOGWOODS, AN AMERICAN HERITAGE.** No native tree contributes more bountifully to the glory of the American Spring than the dogwood. Pink or white, it stands on the fringe of woods. Fall sees it red with berries that delight birds. Eight kinds are generally available. The Tatarian *Cornus alba* grows erect. Its blue-white berries are distinctive. The white and pink kinds are listed under *C. florida*. The Korean, *C. kousa*, is one of the handsomest contributions from the Far East. The gray dogwood, *C. paniculata*, really has red stems and white flowers and fruit, whereas the bloodtwig, *C. sanguinea*, has purplish red branches, greenish white flowers and black fruit. The cornelian cherry, *C. mas*, is valuable for its early flowering with yellowish bracts, its Autumn foliage and valiant display of scarlet fruit. Early Spring is the time to set out dogwoods.





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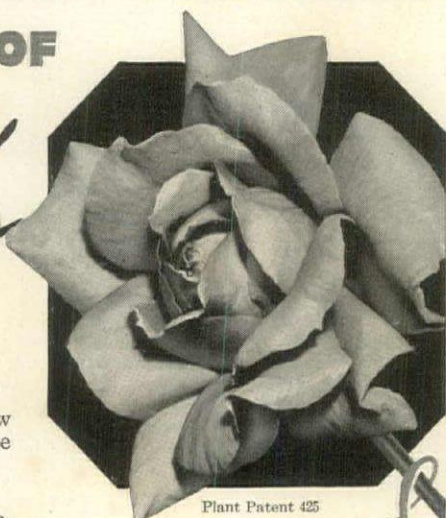
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(Continued from page 8)

higher award. I feel sure that a year or two hence it will be grown in many more gardens than Blue Brocade. Very dwarf (only 6" or so) and a remarkably deep rich color, it's truly a gem for edging or a low mass. Scabiosa Peace is another new flower we found excellent for arrangements. With last year's Heavenly Blue it's a "must" for this purpose. Marigold Scarlet Glow is a dwarf French double desirable for its size, its bright color, its earliness and its continuous bloom. This is decidedly an acquisition.

A NEW FOLIAGE PLANT. So much for the All-Americas. But what may have escaped the Committee's dragnet? Is there naught else of interest? Before we tackle the general list, let's take a glance at a few oddities.

*Leucaphai candicans*, for instance, is a newcomer which in our opinion will prove much more important to the home gardener than most of the medal winners. Its felt-like, long-lasting soft gray foliage will serve as a great "harmonizer" in the mixed border of annuals or perennials, and serves the same purpose in bouquets and arrangements. The plant—which isn't listed in Bailey—makes a spreading low bush about 1½' high. (Foliage is illustrated on page 35.) It will be a "must" in our own garden from now on.

Last year I had a good word to say about another newcomer, Star of Texas, *Xanthisma texanum*. Having tried it again this year, we like it better than ever, and it is especially desirable because of its resistance to early frosts. Recommended highly.

MORE SPRING-FLOWERING SWEET PEAS. Of outstanding importance, it seems to me, is the new type of Spring-Flowering sweet pea. A year ago we stated that this new development deserved much more substantial recognition than it received. Having grown them in our own gardens, and having them to cut in quantities for many weeks after all the older types alongside them had completely succumbed, I want to reiterate that statement. Variety Light Lavender was especially strong and vigorous. This year this variety, and White, Mauve and Clear Pink, are being added to the growing list of Spring-Flowering sweet peas.

In the Early-Flowering section also there are several new sweet peas this year—Red Giant, Helen Hayes, bright coral, Osa Johnson, light salmon, and Azalea Pink.

MORE AND MORE MARIGOLDS. The marigold tide still runs high. One cannot help wondering when the saturation point for new varieties will be reached—just as it was with double nasturtiums, for instance.

Of late the small single-flowered type has been increasingly popular, especially for cutting. This year's Wildfire is of that type. A fertile hybrid between African and French, it produces a prodigious quantity of medium-sized (2½" or so) flowers in a wide range of colors, stripings and forms. Coming into bloom

in a couple of months from seed, it continues until frost.

Popular also of course are the little Double Dwarf sorts with large flowers, and of these Pot O' Gold, of compact and remarkably uniform growth, comes one hundred per cent double. It is claimed to be the earliest of all marigolds. Gypsy Jewels is a mixture of the same type, including orange, yellow, and primrose. Mission Giant Mixed are similar to Goldsmith, described among the All America winners. Giant Yellow Supreme is a colchicine-induced "improvement" of that grand variety, Yellow Supreme. Larger and deeper in color than Yellow Supreme, but (like most colchicine "sports" that I have seen) this flower is so thickened as to approach deformity.

In the odorless foliage, carnation-flowered group, too, there are several new ones. Butter-and-Eggs has light yellow petals shaded deeper at the base, giving a two-toned or bicolor effect, very nice for cutting. Canary Bird, bright canary yellow, Burpee Gold Improved and Mixed Carnation-Flowered are others in the group.

PETUNIAS APLENTY. Several new petunias—beside those winning A.A.S. awards—will help swell the catalog lists. Nothing startling among them; but General Washington, similar to Martha Washington but amaranth red with darker throat, and Salmon Rose, giant-flowered and much frilled and ruffled, will appeal to petunia addicts. Honor Bright is a particularly glowing salmon-pink, a very pleasing new large-flowered bedder with a three-foot spread; while Ball Silver Lilac and Topaz Queen are especially recommended as suitable for the florists' trade.

FLOWERS FOR "LITTLE" ARRANGEMENTS. During the past couple of years small or "semi-miniature" arrangements have been growing in popularity, especially for home decoration. They serve for small tables, corners, niches where full-sized arrangements can't be used. Here are a few new flowers you'll want to grow for this purpose.

*Alyssum compactum* Violet Queen, deeper in color and not so likely to "go off" to white as old Lavender Queen; cynoglossum Firmament, a particularly fine blue; and dianthus Floradale, singles in mixed colors on compact bushy plants that make them excellent for low borders or edging as well as for cutting.

FOR THE CUTTING GARDEN. For general cutting purposes, and for the "buxom bouquets" that appeal to real gardeners because the flowers in them are of more than incidental importance, there are also many new attractions to be considered.

Snapdragons (antirrhinums) of course take a leading place in the cutting garden. You'll want to try Copper Queen and some of the new colors in the *nanum grandiflorum* type such as Appleblossom and Gypsy Girl, carmine and yellow. In asters, to the Princess group (rust resistant) are added Princess Anne, peach pink, Bonnie, salmon rose, and



# THE NEW GARDEN

Marsha, deep scarlet; while Moonlight, silvery blue, Morning Mist, deeper blue, and Sunrise, delicate apricot, are added to the Giant Harmony group.

If you haven't yet tried calendula Pale Moon, mark it now on your list with a double x; we liked it even better this year than last, and have brought plants into the greenhouse. Calendula Yellow Shaggy is of almost globe form, light yellow; Ball Improved Long Orange is extra fine for cutting.

Larkspurs, as usual, are offered in several new colors including Pink King; Blue Velvet, very dark; Super-Majestic (shades of the circus press-agent!) Lavender, and stock-flowered Salmon Rose. *Statice sinuata* is also offered in a new strain, Burpee's Art Shades.

Stocks seem to be staging a comeback. Improved strains flower earlier, and have blooms less hidden by the foliage, making them more satisfactory for the border as well as for cutting. Early Beauty-of-Nice, Carmine Rose; Yellow Wonder; Gardenia and Ball Apricot are among the new ones.

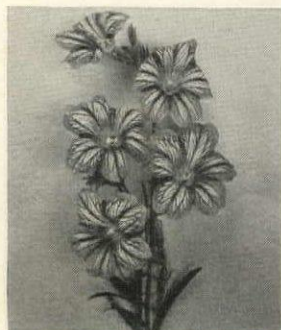
FOR BEDS AND BORDERS. Among the "extra-easy" flowers for beds and borders, none are more satisfactory than calliopsis. All-Double Mixed grows about 3' tall, with a full range of colors in semi-double blooms. Echium, Mixed Hybrids, brings new colors in this annual which some of you tried last year. In our garden, plants were rather weedy, but made a good show of color. Nastur-

tium Cherry Rose is distinct; claimed to be the earliest flowering of all nasturtiums. The erect growing type of California poppies have made their use possible in smaller spaces; the Mixed Colors in this new type will find favor with many; Harvest Gold is a new, named selection which looks good to us.

NEW SALVIAS AND SALPIGLOSSIS. Those who like *Salvia splendens* for its many good qualities but fight shy of its aggressive color will be interested in the distinct new shades recently developed. In the new Welwyn strain, Pink, White, Purple and Mahogany are now available. In salpiglossis—that deserves to be much more widely grown in American gardens—the Dwarf Giant Flowering type will be welcome. Red Star, Blue-and-Silver and Velvety Violet are new named varieties.

Verbena White Ball lends itself to effective use in the border as an emphasis plant, and All-Color Giants bear rounded trusses on extra-long stems.

NEW ZINNIA TYPE. Zinnia Howard's Giant Crested comes last, but is by no means least in the 1941 parade of annuals. Result of a cross between the small-flowered scabiosa type and the giant dahlia-flowered, they produce crested blooms four inches or more in diameter, and in a wide range of zinnia colors. This new type, together with last season's remarkable David Burpee strain (which is entirely different) should have a place in your 1941 garden.



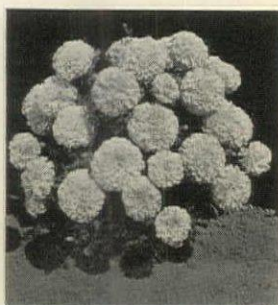
SALPIGLOSSIS DWARF BLUE



LEUCAPHAI CANDICANS



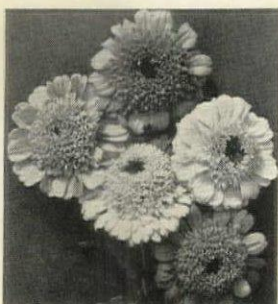
VERBENA DWARF ERECT WHITE



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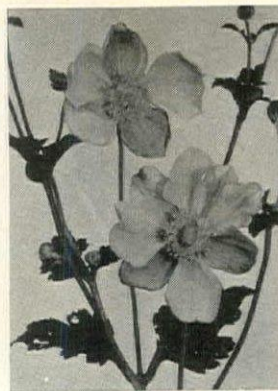


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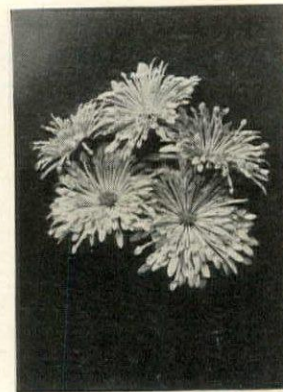
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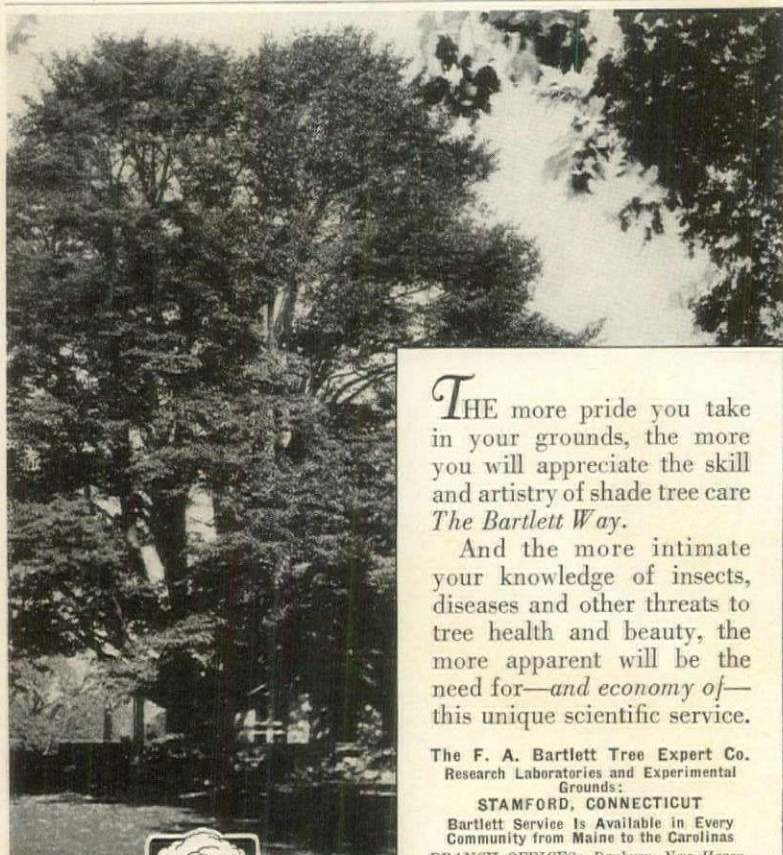
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# NEW PERENNIALS

(Continued from page 13)

of the varieties of this fine late Summer plant, along with the recently introduced Chippersfield Orange and Peregrina.

Usually thought of as a Fall flower, though the earlier types begin flowering in July, are the tritomas, much prized for modernistic flower arrangements as well as for dramatic highlights in the garden. Early-flowering Hardy Hybrids is a new tri-species strain, of great interest because of its many light and pastel shades and its long flowering season—June to frost. Twelve colors have been selected for naming, including Salmon Beauty, La Citronière, Vanilla and White Chief. The Mixed Hybrids contain a wide range of colors, some of which are shown in the color photograph on page 12. *Tritoma galpini* is a new dwarf variety with grass-like foliage and 4" to 6" spikes of rosy saffron flowers produced from July 'til frost.

**SOME NEW PHLOXES.** Backbone of late Summer borders, the hardy phloxes have of late been augmented by a number of splendid varieties. New for this year are Atlanta, with immense pyramidal trusses of white tinged with blue, especially effective in partial shade; Mikado, deep violet with white eye; of medium height; and Northern Lights, luminous deep pink. Tigress, orange-scarlet; Harvest Fire, salmon-orange; and Augusta, cherry red, have all made good and merit positions in any garden, even if older sorts must be discarded to make room for them. In the creeping (*subulata*) group, Apple Blossom, Dixie Brilliant and Blue Hills are all choice.

**A FEW FOR SPRING.** In addition to the creeping phloxes above, a few other choice things for the early garden are Majestic Splendor and Engleman's Prize strain of pansies; Baby Pansy (*Viola nana compacta*) claimed to flower in seventy days from seed; viola Maggie Mott, not new, but still little known in this country; and also Dwarf Early-flowering Sweet William. Coralbells (*Heuchera*) have been much developed recently, and to such recent fine sorts as Queen-of-Hearts, the deepest color of any we have grown; Oakington Jewel, coral pink; and Snowflake, pure white. Bloom's Variety, a rich red with 18" stems, is now added. Three geums also claim attention. They are Red Wings, bright warm red; Dolly North, light orange; and Wilton Ruby, bright ruby and orange.

**NEW POPPIES,** too, claim a place in this year's plant orders. Nothing as sensational as last season's Snowflake, but Cerise Bedder (also an Oriental) gives us a new color. In the *nudicaule* (Iceland) section, flower arrangers will hail with joy the soft blending orange, lemon, salmon, apricot, rose and cream shades in two new very similar strains, Gartford Giant Art Shades and (Sanford Giant) Pastel Tints. I have not yet grown these, but the flowers seen were extremely lovely, and these new strains should make a most desirable addition to one of the most satisfactory of all our border and cutting flowers—the Iceland Poppy.

**OTHERS FOR CUTTING.** And speaking of flowers for cutting, an interesting new

thing in our trials at GrayRock this year was giant cupid's-dart, *Catananche coerulea major*. In England this was considered sufficiently good to receive an R.H.S. Award of Merit. Much of its charm lies in the combination of its silvery stems and foliage with the violet blue flowers (not unlike cornflowers) which are produced freely from mid-Summer until hard frosts. The flowers are so long lived that they may be dried as everlasting. Effective both in the border and for bouquets and arrangements, and an easy grower. They bloom from June to hard frost.


Among the more familiar perennials good for cutting are *Stokesia lilacina* Lavender Queen, very lovely with its silvery centers; gypsophila Flamingo, double light pink; gaillardia The Imp, dwarf, compact and well-behaved in the border, with gay, bronzy crimson flowers on short stems; and dianthus Silvermine, pure white, very fragrant; and two new Shasta daisies—zinnia-flowered, a semi-double with golden center; and Favorite, five-inch "daisies" on long stems, and a continuous bloomer.

**TALL FOR BACKGROUNDS.** In those taller-growing "accent" plants which add so greatly to the general effect of a hardy border, there is nothing particularly striking for the new year. The splendid American strains of delphiniums developed both on the Pacific coast and in the East continue to receive wide commendation. These—under the "type" names of Pacific Coast Hybrids and the Dependable strain—were described in these columns a year ago. To the latter a new variety, Enchantment, light delphinium blue, is now added. Those who have not been successful with the Russell lupines which have done so wonderfully in England and in some parts of this country, will want to try the Re-selected Hybrids, said to do much better under average American conditions. *Lythrum salicaria* The Beacon, a brilliant red, comes with the recommendation of an R.H.S. Award of Merit. *Heliopsis patula* Golden Rays gives a Summer-long crop of semi-double deep golden blooms, as does also the single flowered H. Summer Gold; both are extremely vigorous. *Oenothera Illumination* is a new evening primrose with exceptionally large flowers with salmon pink buds that make a nice contrast to the soft gold of the open flowers.

**A FEW ROSES.** As we announced last year, the All-America Selections idea has been extended to the field of roses, which are tested for two seasons before awards are made. The winners for 1941 are as follows:

Charlotte Armstrong, highest score, blood red buds opening to cerise, mildew resistant; World's Fair (Floribunda), deep blood red and extremely satisfactory (shown in color in these columns a year ago); The Chief, orange and begonia rose, mildew resistant, fragrant; California, ruddy orange and saffron, fragrant; Apricot Queen, coppery salmon, fragrant; Dickson's Red, long flowering, glowing sun-resistant red; Flash, a vivid flashing combination of orange-scarlet and chrome yellow, semi-

(Continued on page 44)



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# PRINCIPLES OF FLOWER ART

(Continued from page 31)

necessary to every Western arrangement, but the art they capture is particularly expressive of what I have feebly tried to prescribe for all beginners. Their arrangements almost always mean something. They interpret moods of nature with seasonal effects and invariably strive for beauty whether they attain it or not.

## Flower art essentials

In my opinion, a good arrangement has normally a structure, a superstructure or possibly an amplification of these and if it has imagination, originality and proportion and is subtly designed and interesting in color, it is deserving of its new title, flower art.

For the experienced flower artist there are many tricks and short cuts to interesting effects, accomplished often through a simplified line arrangement with a focal point accentuated by a rosette of foliage or mass of color, or a flower of some particular size or shape to complete the desired result. One of the tricks for an effect in color or for line emphasis is to defoliate. Many flowers and shrubs have too much inconsequential leafage. When stripped of this superfluity, a striking stark quality is achieved in line, and in mass arrangements, a far less diffused interest.

You may feel that I am inconsistent, when I recommend defoliation, after having advised, for beginners, the recapturing of natural effects. I wish to be quite clear on this point. Encourage the beginner to have such an ideal and to practice with branches, leaves and forms of all sorts gathered from every known source that this country offers. The eye will soon grasp the meaning of balance and proportion and will recognize that cutting, eliminating and bending, if necessary, will frequently accomplish an effect more natural than the selection of particular material in its original state.

## Reference books

There are innumerable books which deal thoroughly with all the problems of flower arrangement in a clear and concise style. The most recent book is *Flower Arrangement in Color*, by F. F. Rockwell and Esther Grayson, which covers all the first principles and has included as well the advanced key to successful flower arranging. This book has superlatively fine pictures taken by F. W. Cassebeer.

I would like to say a word more to the advanced student. Study carefully the use of accessories in composition. Never add an accessory to an arrangement in your home or in a flower show unless it has reason to be there by right of its texture or its form or unless it is used to coordinate the rhythmic line from the lowest point to the highest or gives emphasis of needed weight to the entire whole. An accessory must act as a qualifying sentence before a noun and verb, or as a period or exclamation point at the end of a sentence. It may also be thought of, as in music, as the opening note that piques one's interest to the whole musical score or as the resolving phrase which brings the composition to a dramatic close. The accessory used as a comma or pause in

writing, or as a bar in music, has no meaning.

The problem of locating an accessory and at what distance from the arrangement is always a moot question. In setting a table, one has the greatest opportunity for practice with accessories. China, glassware and table linen all become accessories to the central theme, in proportion, color and texture. In using the word central, I do not mean that an arrangement must be centered on the table. It may be placed wherever it contributes to the good taste and charm of the whole setting.

The use of stands under arrangements has been much over-rated. One has only to observe examples from an accumulated collection of flower photographs to see where they frequently fall short in their contribution to a harmonious accomplishment. If stands are used at all they must be absolutely right in proportion, color, texture and suitable to the container.

## Uses of textiles

There must be, for the advanced student, increased study also on the use of textiles, particularly in flower shows. If placed behind the container, they must be unconditionally smooth and neat whether they are meant to hang flat or in draped folds. Below the container, their treatment can be optional. However, last year the judges at the International Flower Show voted against an arrangement, brilliantly executed and classified as "Tranquillity", which was disturbed by many ripples in the fabric below it.

There is much to be learned in flower art, whether one is a beginner or advanced student. New conceptions of design and color formulae are being discussed and practiced constantly. When one has mastered the technique of the craft in flower arrangement and has at least a smattering of knowledge of the related arts, flower show classes, designated by such complex titles as, "Surrealism in Flowers", "Arrangements Expressing 1950", or "Emotion", or "Religion" (thank heaven, not yet "Politics") can safely be entered. There is still a class to be entitled "An Interpretation of Stravinsky".

The handsome booklet illustrating dozens of flower arrangements in full color produced by the Coca-Cola Company and distributed widely through their magazine advertising has had an amazing effect on flower show production in 1940. The arrangements by Laura Lee Burroughs have been charmingly planned and executed. All praise to the company for this type of advertising. A new set of flower arrangements from the same source and by the same gifted arranger is to be expected shortly.

## Flower art in the home

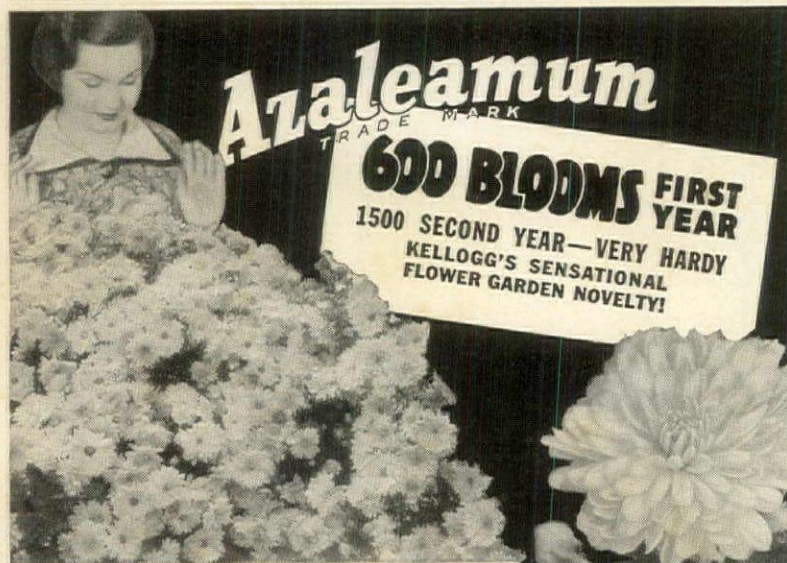
You may infer that I have laid particular emphasis on the entering of flower shows. I do not wish to leave this impression, nor is the whole aim and ambition of the flower artist to be awarded prizes. The happiest experience comes from making a beautiful arrangement in one's own home that gives joy to oneself and one's family.



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To conclude, let me say that I consider, in reviewing the first principles of flower arrangement, that there are two distinct schools of thought. One contends that flower arrangement must be built on an exact and meticulous science of design and any departure from the standard brings failure. In the other interpretation, there is more emphasis laid on color, originality and freedom of expression. Both schools can lead into difficulties. Many abuses of sound principles are found in the latter group when the structural character of certain flowers is ignored.

#### "Classic" vs. "free"

In flower arrangement, as in music, one may play by note or by ear. One may also prefer the repetition of classic moulds. The Japanese formal line arrangements might well represent the symphonic or sonata form in music. However, if I should ever be able to develop a genre, in flower arrangement, of my own, I should want to express rhythmic freedom and unrestricted fantasy through creative design, which composers in music hope for through study and practice. If a composer cannot discover a new form, he strives to develop a new combination of old musical ideas. A true artist can create a

beautiful and original composition by any known method.

There are no boundaries to beauty in flower arrangement. It may be found in buxom bouquets, in arrangements of ascetic line quality, of verdant or dried, of formal or informal, or of exotic or homely plant material. There are many mediums for expression of beauty in all the arts. A flower arrangement may be influenced by one's own preference for water color, etching, oil, pastel or charcoal drawings. A flower artist may feel also more at home with certain periods of household decoration and furniture. This too may be reflected in the flower arrangement.

#### Pleasure is primary

The first principles of flower art, therefore, may be as unpretentious or as formidable as one wishes, to the degree that they absorb the imagination and ingenuity of the individual. If rules and regulations have become a load of lead to your spirit, renounce them and do not attempt to be a flower artist unless it will give you pleasure and be a medium through which you may aspire to the greatest of all arts, the art of living. In this way alone is flower art vindicated.

## SUMMER BULBS AND TUBERS

(Continued from page 15)

**Dahlias.** The various steps in preparing dahlias for planting are pictured here. Now for the actual work—soil, setting of tuber, staking, pests. Sandy loam, well manured, is the dahlias' preference, together with easy drainage and sunlight. For the larger sorts set the stakes 3' apart in the row and the rows 4' apart. The smaller, bushier types should be set 18" apart. Excavate each spot where a tuber is to be planted 8" and dig in a shovelful of well-rotted manure or compost, covering it with good top soil. The tuber is laid 6" deep with the sprouted eye upward and covered with 2" of soil, leaving a hollow for rain. Drive in the stake.

Allow only one stalk to develop, tying this as it grows. After it is 1'

high nip out the growing tip to make a bushier plant. Do not cultivate deeply. See that the plants never lack water. Occasional feeding will be needed, as the dahlia is a gross eater, phosphorus and potash being its especial requirements. The first week in August give a complete fertilizer, 2-10-16, at the rate of 2 oz. a plant spread in a ring and lightly forked in.

After the white frost, which usually halts growth, the plants are cut down and the tubers carefully dug for winter storage.

During the growing season watch must be kept for the stalk borer. Clean cultivation will be a preventative and, where borer is evident, go at him with a small hooked wire.

## TIMELY GARDENER'S NOTES

**SAFE LILIES.** Because so many lilies are infected with the destructive mosaic, it seems the better part of wisdom to plant only those that avoid this disease. According to George L. Slate and E. P. Imle, lily authorities, the following can safely be planted:—*L. martagon* and its varieties, *L. hansonii*, the Backhouse hybrids which are the result of mating these two kinds, *L. pardalinum* and its variety *giganteum*. Those that generally escape mosaic infection are: *L. brownii*, *L. henryi*, *L. roezli* and *L. davidi* and its variety *wilmottiae*. Lilies that remain fairly free are *L. regale*, *L.*

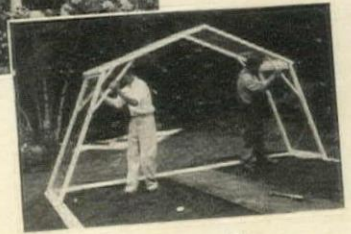
*pumilum*, *L. amabile*, *L. speciosum*, *L. pomponium*, *L. bulbiferum* var. *croceum* and *L. monadelphum*. Plant these, maintain soil sanitation, burn any bulb that develops leaves with mosaic indications and you will be saving yourself trouble—and will have good lilies.

**STANDARDIZED PLANT NAMES II.** The new and enlarged edition of this handbook, so necessary to gardeners, nurserymen and florists, is a book of nearly 700 pages and contains approximately 90,000 (Continued on page 41)



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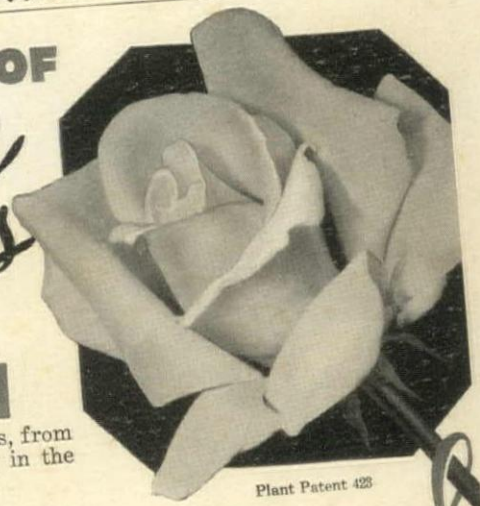
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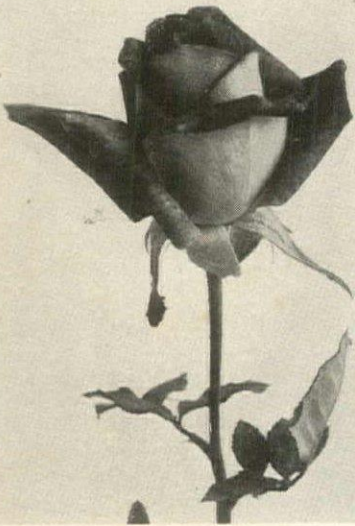
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## FROM THE VEGETABLE PATCH

(Continued from page 29)

year earlier. Myats Victoria and MacDonald's are the sorts usually grown.

**Preparing the soil.** The spot selected for the vegetable patch should, of course, have full sun, or as nearly so as possible.

An important factor in preparing the soil is to dig deep—a full 8" at least, and preferably 10" or 12". However, raw subsoil is not to be turned up on the surface. If the soil is "shallow," turn or loosen the subsoil where it lies, by removing the topsoil to the preceding "spit" or furrow, and then breaking up or turning the subsoil where it lies before placing the next spit of topsoil over it. Deep pulverization of the soil is especially important where root crops—beets, carrots, parsnips and the like—are to be grown. But with modern, quickly available plant foods, which can be applied at intervals during the growing season, very deep digging is not so essential as it was.

Stable manure, if used, is turned well under. Prepared fertilizers and plant food, and well-decayed compost, are spread on the surface *after* digging, and worked into the surface with an iron rake when leveling and fining the surface of the soil to prepare the seed bed. It is desirable to dig and rake over the entire vegetable plot as early in the season as the ground can be worked. Some of it will not be planted until considerably later, but this gives a chance for the first crop of weeds to sprout, and to be destroyed wholesale when the surface is re-worked.

**Cultural requirements** of different types. Culturally, garden vegetables fall into four groups—the root-crops, the leaf-crops, the fruit-crops and the vine-crops.

**The root-crops** (radishes, beets, carrots, turnips, parsnips, salsify, witloof) are raised from seed sown directly where the plants are to be grown. All are hardy, and can be planted just as soon as the ground can be made ready. Rows are marked off 12" to 15" apart, and the seed sown close (6 to 12 or more to the inch, according to size) *pressed into the soil*, covered lightly.

The mistake most commonly made by the beginner in growing crops is the failure to *thin out* sufficiently as soon as the seedlings are well up. A half inch or so for radishes, and

2" to 4" for the others, must be allowed.

**The leaf-crops.** Most of these too are hardy, and can be sown as soon as the ground is ready. Cabbage, broccoli, lettuce and celery, however, are usually started under glass, and then set out in the garden as growing plants, thus producing early crops.

Plants can be grown at home in a cold-frame, after starting indoors, or in a hot-bed. Or they may be purchased from seed houses or a local greenhouse.

All the leaf-crops are heavy feeders, requiring especially a generous supply of nitrogen. Hence rich compost or rotted manure is often used in the planting holes.

**The fruit-crops.** Most of these, having come originally from more tropical climes, are tender and cannot be planted in the open until after danger of late frosts. Tomatoes, peppers, and egg-plant must be set out as well-started growing plants if one wants to begin using them before late in the season.

Beans and corn can be planted safely "when oak-leaves are as big as squirrels' ears"—ten days or so before it is safe to set out tomatoes, as it takes them a week or two to come up. Several successive plantings of dwarf beans and corn are made. New Zealand spinach also is tender, but one planting does for the entire season.

**The vine-crops.** Cucumbers melons and squash, too, are tender, and heavy feeders. While usually planted in "hills", several feet apart each way, they can be sown in rows, and thinned out to a foot.

Success with the vine-crops depends largely on getting a quick, strong start, and protection from insect pests during the early stages of growth. Both these ends are accomplished by covering the hills with plant starters (of which several types are available) or with bottomless boxes, 6" or 8" deep and 18" to 24" square, covered with muslin.

As cautioned at the beginning of this article, the beginner will be well advised not to attempt for the first season anything like a complete list of vegetables. But, even if he has never grown any before, he will find a thrilling new adventure in growing a reasonable number of them—an adventure which brings very practical rewards.



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## GARDENER, SPARE THAT TREE!

(Continued from page 25)

wood where the bugs could breed and keep the tree well fed.

Galls and rusts are others to watch—spruce galls, which may kill twigs or retard tree growth and for which you use a contact spray in early Spring or late Fall. Cedar apple rust starts with galls on red cedars and Colorado junipers, opens in Spring into orange gelatine flowers which in turn spread spores to the apple trees. A colloidal sulphur spray of apple leaves for eight or ten weeks during Spring and early Summer may break this destructive succession of unpleasant tree ills.

The Dutch elm disease can be recognized by the wilting and yellowing of

leaves and dying of twigs. Once deeply infected, the tree must be destroyed.

The eye of the owner should also watch for the following in Spring:

Canker worms that puncture leaves. Band trees with sticky girdles and spray foliage early with arsenate of lead.

Tent caterpillars, which you tear out by hand or spray with arsenate or nicotine sulphate.

Elm leaf beetles, which lay their eggs in May and early June on the underside of the leaves. Attack them with arsenate. And the same dose is given bagworms, which hatch their eggs in May or June.

## TIMELY GARDENER'S NOTES

(Continued from page 39)

entries or more than double the contents of the 1923 edition. It covers practically the entire field of plants and plant products. When you realize that 800 asters are described, 1100 cactus, 550 camellias, 1350 edible fruits and nuts, 1000 succulents, 180 waterlilies and 500 weeds and 2000 plants for use of wild life, you can grasp the range of the work.

**HERB SELECTION.** Two swallows don't make a Summer or two herbs an herb garden. We realized this the other day in going over the list of herbs grown by a HOUSE & GARDEN reader. Her forty-four perennials and five annuals make a wide range to select from. She was growing the following. *Perennials*: angelica, rosemary, rue, southernwood, costmary, camomile, bergamot, tarragon, burnet, griegies lily, horehound, dittany, parsley, anise, borage, cicely, crocus, saffron, fennel, horseradish, linden flowers, *Origanum majorana*, wintergreen, lovage, sage, clary and several other varieties, lavender of varieties, wormwood,

camphor, henna, lemon balm, germander, sweet woodruff, mints of 8 varieties, thymes of 10 varieties, chives, aconite, basil, calendula, coriander, elecampane, feverfew, hyssop, myrrhis, sorrel, verbena, lemon. *Annuals*: caraway, chervil, savory, cardamon, marjoram.

**IRIS SPECIES.** Once let an iris fan expand his enthusiasm and it will run to iris species. They are almost legion. From that vast rank of wilding, let us suggest that you try the following: *I. arnaria*, *crinata*, *gracilipes*, *reticulata* and *verna* to start with and then add *I. graminea*, *prismatica* and *tenax*.

**FOR LAWNS IN SPRING.** When the frosts have gone, then start working on the lawn, although even before that time it can be fed. The work generally consists in patching, top-dressing with screened loam, filling low spots, rolling to force back into the soil grass-crowns heaved out by freezing and thawing. Bare spots can also be seeded.

(Continued on page 44)

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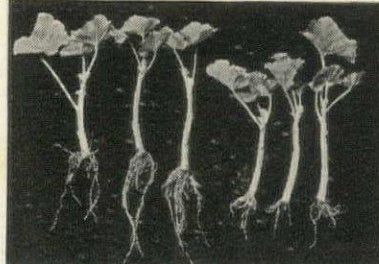
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## SHEATHED IN ICE

Why the beauty of an ice-storm is linked with destruction,  
and how to save affected trees

WHEN once the browned leaves of Autumn cover the ground and when long shadows are cast by the bare branches, the garden is a sad and tired-looking spot. Only after the first snowfall does a fresh breath enter. The stark beauty of the slender branches is set off in extreme contrast to the white blanket that shimmers in the early morning light. The cold white landscape is quiet and solemn while the air is stirringly invigorating.

When a gentle warm rain falls down from the higher reaches to the ground where the temperature is just below freezing, every drop that touches any surface freezes almost at once. In this way is built up an armored, inflexible and extremely heavy covering of ice on twig and branch and limb.

Even the delicate hoar frost can, under certain conditions, weave a coating of ice over twig and branch. This is more especially true on windless, sunny days followed at night by a drop in temperature and heavy dew which crystallizes. Then, when surface melting is followed by refreezing, the individual crystals are fused together, resulting in an overcoat of ice.

If, now, a sudden gust of wind cannot shake off the ice formation from tree and bush and shrub, it falls a victim to its weight. Even the slender fir trees bend double down to the ground. A sudden tinkling crash, as if a thousand plate-glass windows were suddenly smashed, is followed by a rushing roar and a dull thud. Another tree has lost its crown. In this way twigs and branches and heavily overlaid limbs come crashing downward.

Such a covering of ice invariably destroys more than a decade of growth can restore. An indescribable mess of ice and branches covers the ground. A devastation unique in nature and all too frequently irreparable.

The trees that suffer most under such a weight of ice are those that have the toughest, strongest and least flexible wood. Among these are the dogwood and various forms of maple and hickory. Trees that have flexible twigs

and branches such as apple, beech, willow, birch, etc., suffer far less damage. They just give to the weight and bend without breaking.

A frozen but not frost-killed part of a plant has lost its elasticity. When it bends, a crackling sound is heard as if particles of ice were rubbing together. This is what actually happens. Ice is formed within the tissue, and when the plant bends the ice helps break the affected part. The ice thus formed is not located within the cell but in the air spaces next to it. The water is given off by the cell just before the water is about to freeze and it then collects in the air spaces. In this way the plant tissue, the protoplasm, the living part of the plant, does not freeze. A chemical reaction within the protoplasm is, under these circumstances entirely probable. Therefore a light coating of ice does not cause any freezing damage to the plant. Only when the armor of ice becomes too heavy is breakage to be feared.

Late the following Spring, after serious damage has been caused to the vegetation by the ice injury, an accelerated plant growth takes place which is known as "regulation". This vigorous growth compensates, to a degree, and rebuilds to a certain extent, the wounds suffered during the Winter.

All injuries should be treated as soon as possible. In the garden this is essential; for all wounds, when exposed for a longer period to the air, are apt to collect spores of all sorts of fungi which may hasten the death of the affected plant. Wounds are much more serious than any breakage of limb or twig. Wherever the damage is severe, as for instance in the breaking off of a crown, it is best to prune back to just below the place of fracture where one or more strong limbs are located. The wound itself is to be cleaned thoroughly with a knife and painted with oil paint or, better, shellac. This seals the wound and no fungi spores can enter. At the same time the damaged portion will soon be covered with a new protecting growth of bark.

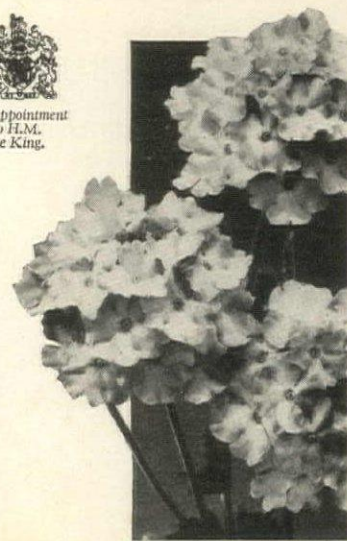
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**TIMELY GARDENER'S NOTES**

(Continued from page 41)

**SHRUBS FOR ROCK GARDENS** should be dwarf in habit, mainly prostrate in growth, and, if spreading, capable of being kept in hand. These fifteen have the required characteristics—*Azalea macrantha* with its salmon red flowers; Wilson's barberry, a spreader that turns scarlet in Autumn; *Cotoneaster adpressa* for its picturesque method of growth and brilliant red Fall fruit; *Daphne cneorum*, supplying fragrant pink flowers in early Spring; Spring heath, *Erica carnea*, also rosy pink in Spring; both Sargent's and prostrate junipers, growing no more than 1' high; box sand myrtle, *Leiophyllum buxifolium*, valuable for its glossy foliage and white May flowers; box honeysuckle, *Lonicera nitida*, another glossy-leaf miniature, with purple Autumn foliage and blue-purple fruits, a characteristic shared with *L. Pileata*, growing to 18"; rest-harrow, *Ononis fruticosa*, with its pink, pea-like flowers; two cinquefoils—*Potentilla identata fruticosa*, an Autumn bloomer with pale yellow flowers, and *P. tridentata*, a smaller plant of only 10" with white flowers and almost ever-

green foliage; dwarf Japanese yew, *Taxus cuspidata nana*, which attains 3' and should be used judiciously and kept well clipped.

**FRESH SEED.** It is true, some vegetable seed—beets, cauliflower, cucumber, eggplant, lettuce, onion, tomato, turnip and watermelon—will germinate even when four to five years old. But it really pays to buy fresh seed each year to be sure of quick, uniform growth. The time between seed sowing and harvesting ranges from the three to four years required by asparagus to the thirty and fifty days of radish and the fifty to seventy-five days of lettuce.

**FINISHED BULBS.** What can you do with forced bulbs after they are through blooming? Give them occasional water until the foliage yellows, then the bulbs should be dumped out, dried off and kept in a cool place until Fall and planting time come round again. Freesias and oxalis can either be given this treatment or kept in their pots till September, when they will start growing again.

**AMONG THE NEW PERENNIALS**

(Continued from page 37)

climbing or pillar type, good foliage.

It should be pointed out that, due to the fact that these rose trials are new, many excellent varieties for this year's introduction were not entered. A few of these (space does not permit mention of more) are:

Daylight, fragrant, peach-colored blooms on strong bronzy plants, awarded a Certificate of Merit by the American Rose Society; Orange Nassau, chrome yellow and orange, one of the loveliest of all, especially under artificial light; Mrs. Oliver Ames, soft chrome yellow, especially fragrant and vigorous; Rose Bampton, large, free-blooming, light American Beauty red; Riviera, winner of two Silver Certificates, fragrant coppery orange which I liked very much; King Boreas, a sub-zero full-petaled lemon yellow. McGredy's Sunset, while not brand new, I consider one of the loveliest and all round, most satisfactory roses of the last decade. It's a "must" for any garden. All of these are Hybrid Teas.

Poulsen's Copper is a new color in the Floribunda group. Two outstanding climbers are Chevy Chase, a real improvement in the Crimson Rambler type, vigorous, 15'; and J. H. Nicolas, a full size, buxom, climbing, fragrant rose, pink, blooming into October, a real acquisition. Carpet-of-Gold is a vigorous fragrant pure yellow sub-zero Creeper and Climber of Brownell's quite constantly in bloom. Midget, an addition to the popular miniature section, a tiny rosy pink in clusters of five or more; excellent for miniature arrangements. Margo Koster is a dainty little polyantha of the ranunculus-flowered type—be sure to watch for it, as you'll love it. (In color, page 12.)

GLADS, IRISES AND DAHLIAS. Those

who have not followed the development of glads lately should try some of the newer ones, and learn for themselves what marvelous colors are now available. Most sensational of the new glads, perhaps, the fragrant variety Carrie Jacobs Bond, a wiry-stemmed rose red with white veining, that has the odor of violets. Glamis (color on page 12) is a fine general purpose pink. Joyous (shown at the Summer shows under the name of Apple-blossom) is a prize-winning, delightfully dainty sort. Gloaming, light purple with cream throat; Solentium, white with red feathering; Bancroft Windsor, blended reddish orange; Twilight, a fascinating "smoky"; Green Light, milk-white with greenish throat; and Myrna, best of the whites, are others.

In the newer bearded irises, Golden Majesty is perhaps the best deep yellow so far achieved, and Mt. Washington the purest white. Old Parchment, a soft creamy tan, and Buckskin, bronzy light yellow, are particularly charming. Violet Symphony, Golden Fleece, Red Gleam, Sunny Boy, orange, and Storm King, deep purple, are worth watching for.

Dahlia fans will like particularly the new American Dahlia Society prize winning seedling, Lynn Fontanne, a huge informal and very deep soft rosy-orange; Alfred Lunt, vermilion, formal decorative; Edith Willkie, pure white, semi-cactus; Snowcrest, winner of the Leonard Barron Trophy; Crowning Glory, rose pink incurved cactus (Gold Medal Certificate). Imp is a pure yellow orchid-flowering that I like.

Gladioli, irises and dahlias are of course "specialist" flowers, and their enthusiastic followers get the catalogs of the specialists to keep up with new introductions.



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**The Garden Mart**  
appears on  
page 42  
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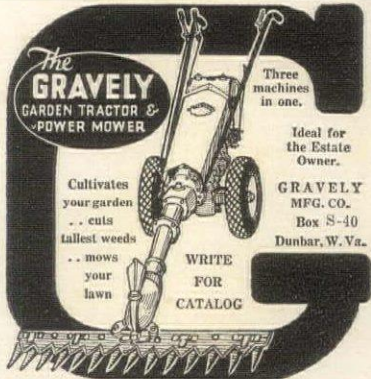
Delightful little plants, extremely dwarf and compact, of true Lilliput form, about 9 in. high and 15 in. across. The debonair 1½-in. flowers have a crested center of bright clear yellow, surrounded by several rows of mahogany-red guard petals.

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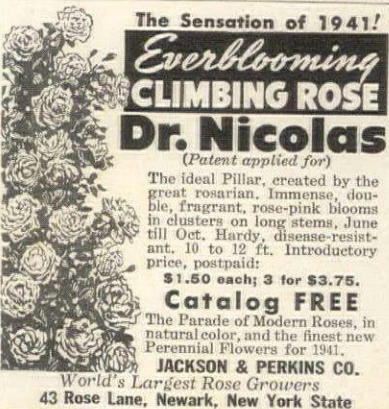
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Six 10c-Packets of seeds, 1 of each of the six favorite colors: scarlet-cerise, brilliant rose, lavender, white, salmon-pink, true blue, postpaid, all 6 for 25c. 6 Quince, 1 of each (value \$1.50), \$1.

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Gorgeous miniatures, brilliant color! Low-growing, bedding varieties: "Bishop of Landaff" (dark red with dark green foliage); "Fairy" (pink); "Baby Beauty" (peach); and "Snow Sprite" (white). Flowerheads less than 3 inches. Grow without stakes. Order now for spring planting. Four roots, one of each variety, only \$2. Catalogue sent FREE with each order.

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**CONDON BROS. SEEDSMEN** Rockford, Illinois

## BOOKS FOR GARDENERS

Those Engrossing New Volumes Provide Gardeners  
Food for Thought During Winter Months

**TREE NEIGHBORS**, by Russell Doubleday. Illustrated. 103 pages. Doubleday, Doran & Co., Inc., N. Y. C. \$1.75.

This slim volume contains thirty-two brief chapters each devoted to a tree useful and ornamental in the home grounds. The author has illustrated these chapters with photographic tree portraits made by himself and each section is headed by "leaf print" of the foliage of the tree under discussion.

Most of the trees in the book are native to northeastern America, though a few importations like the European larch, the Norway maple and the Japanese maple have been included.

There is nothing technical about *Tree Neighbors*. Even the horticultural side has not been emphasized. Soil and location preferences are mentioned, but there is little real cultural advice and no suggestions on time or methods of transplanting. The virtues and beauties of the various species are enlarged upon, however, and even their failings are conscientiously listed. Descriptions are accurate enough for purposes of identification and these are further clarified by the illustrations.

The photographs in most cases show the trees in conventional garden settings. Thus the white pines pictured have an unnaturally tame appearance, being young specimens which have not yet attained the dignified height and distinguished outlines characteristic of these fine trees in their native habitat. The hemlocks illustrated are young saplings hardly larger than deciduous shrubs, but showing the graceful possibilities of this conifer for garden use before it is full grown. Our old favorite lawn trees, however, the horse chestnut, the elm, the sugar maple, etc., are represented by portraits of noble specimens towering above the rooftops of mellowed homes. The end-papers have been cleverly devised by combining small photographic reproductions of the lower trunks of all the trees discussed in the text. This enables the reader to identify a specimen by its bark and growing habits.

Mr. Doubleday's book will be especially useful to those who know little about trees but who are anxious to obtain the knowledge necessary to enable them to plant and shade their home grounds appropriately. With this volume at hand no home owner need depend on the advice of an acquaintance or a chance-met nurseryman when selecting his trees. He can search out and study living specimens of the species described and pictured here and then make his own choice intelligently, being reasonably sure that the result will be a happy one.

**THE FLOWER FAMILY ALBUM**, by Helen Field Fischer. Illustrated by Gretchen Fischer Harshbarger. 65 pages. Published by the authors, *Helen Field Fischer, Box 5, Shenandoah, Iowa*. Cloth, \$2.50. Spiral-binding, \$1.50.

This author and illustrator who are well-known to garden readers for their previous successful collaborations, now offer a well executed planographed

book, unusual in format but readable and attractive to look at. It is somewhat the size and shape of a photograph album, the neat text and facing pages of pen and ink illustrations immediately catching the interest of the reader.

After a brief chapter on how flowers got their names a page of botanical information appears, accompanied by sketches of the parts of each type of flower discussed in the body of the book. One section of the album is devoted to each of the following types of plants: those with flower-like leaf; with flower parts in multiples of three; with four or five petals; with tube and bell-shaped flowers and with daisy-like or composite flowers. The amateur may easily identify an unknown flower by finding the general group in which it belongs and then turning to the pages devoted to that group and proceeding by the method of elimination. This simplified botany will be found helpful in interesting young people in the plants growing all about them.

One of the most appealing things about this book are its illustrations. Despite the fact that space had to be considered, Mrs. Harshbarger has grouped her characterful sketches most gracefully, at the same time scaling them so that it is easy to get an idea of comparative height and size. The "close-ups" of blossoms or seed pods which accompany many of the sketches are of especial interest.

This is not a botanical work for the advanced student, but it is a carefully prepared and pleasing book for young people, beginners in nature study or those who just wish to get a general idea of the identity of everyday plants.

**SHRUBS IN THE GARDEN AND THEIR LEGENDS**, by Vernon Quinn. Illustrated. 308 pages. *Frederick A. Stokes Co., N. Y. C.* \$2.50.

Vernon Quinn writes charmingly of all sorts of growing things. It is the romance and traditions surrounding seeds, leaves, roots, flowers and now garden shrubs which engage her imagination. This latest book like its several predecessors makes pleasant and instructive reading for those who are nature and garden lovers rather than scientific horticulturists.

The shrubs with which old legends and traditions are connected are naturally not the newest introductions of the progressive nurseryman. Boxwood, butterfly bush, dogwood, hawthorn, laurel, lilac, privet, et al are the chapter headings which catch the eye. Miss Quinn tells us of the naming of these shrubs with quotations from the early botanists and landscape architects. She tells the ancient legends which are connected with each and also gives us the practical side, naming the various species—but not the newer horticultural varieties—of each shrub; its place in the garden picture; its special virtues, beauties and cultural preferences. And just as the reader thinks the author has put her romantic leanings behind her and is getting

(Continued on page 46)



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- SHALLOW WATER and BOG PLANTS
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The new Bristol hardy plant catalog beautifully illustrated in color now available. Send 10c in stamps, please, to cover mailing.

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You'll enjoy these 5 Burpee's Best: Radish, Carrot, Lettuce, Beet, and Bush Squash, garden fresh. Save money. Special, all 5 10¢-Pkts., postpaid, 10¢. Send today!  
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Flowers and vegetables.  
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## BOOKS FOR GARDENERS

(Continued from page 45)

down to the dirt gardening phase of shrub growing and planting, a new paragraph starts off, gaily following one of botanical description or cultural information:

"In a gnarled old hawthorn lived a tree sprite who was discontented..."

"There is a story of a venerable hawthorn... which grew within Cawdor Castle..."

Like finding seed pearls in one's dinner oysters, these pleasant diversions keep the reader always on the alert for more.

What fun Miss Quinn must have had collecting these tales and legends and what a unique experience it is to read them, so simply yet effectively told, in the pages of her books.

The illustrations by Marie Lawson are as delightful as always, chapter headings, tail pieces, frontispiece, end papers and other bits of decoration being in her peculiarly appealing style. The end papers in red and white and the frontispiece and title page in black, red and white give the volume a classical yet colorful atmosphere as of an old example of illuminated text.

**INTRODUCING INSECTS**, by James G. Needham. Illustrated. 129 pages. *The Jaques Cattell Press, Lancaster, Pa.*

Here is a little book planned and written for the beginner by a Professor Emeritus of Entomology of Cornell University. The preface states in part that the

"book is intended for people who want a little information about common insects, presented in language that any one can understand. Here is the information that most concerns an ordinary citizen, with all the technicalities left out. The insects are called by their common names. With the aid of good pictures, something is told of what they are like and where they are found and what they do in the world."

The gay butterflies and dragonflies, the caterpillars, beetles, grasshoppers and crickets—even the lowly aphids and the irritating mosquitoes and moths—are described and pictured, together with the stories of their life cycles, habits and habitats.

The closing section on how to use the book describes the anatomy of insects, their changes of form, and suggests reading matter for more exhaustive study.

A chapter on the control of insect pests tells of the types of poison which are effective in the destruction of sucking and chewing pests; traps, cultural control and control by natural enemies such as birds, snakes, skunks and parasites.

A short but comprehensive discussion of bees gives a great deal of information in a few pages of text.

The many pen and ink drawings by Ellen Edmonson are most helpful and, in those cases where plant material is introduced with the insects, are charming as well.

# WRITE FOR THESE BOOKLETS

reviewed by House & Garden



Just write to the addresses given for any of these and other interesting booklets in the general section, page 54. They are free unless otherwise specified.

## GARDENING

### YOUR LAWN

is the title of a most helpful book which explains clearly the requirements of lawn making and repairing in both spring and fall. Clearly illustrated, the information in this book is gleaned from extensive experiments at the breeding stations of one of the largest seed firms in the world, Associated Seed Growers, Inc., Main Office, New Haven, Conn.

### TRANSPLANTONE

is a new product based on the newest discoveries of plant physiologists, designed to lessen the hazard of transplanting. It works wonders, too, on lazy roots. Booklet free. American Chemical Paint Co., Division G-14, Ambler, Pa.

### SUTTON & SONS

invite those who now find it impossible to visit the Royal Seed Establishment in England to write for their beautifully illustrated Amateur's Guide in Horticulture. Sutton's fine seeds are coming in from England as usual. Send 35¢ to G. H. Penson, Dept. C-2, Box 646, Glen Head, L. I., N. Y.

### GARDENING ILLUSTRATED 1941

is a fat book, lavishly illustrated in true-to-life color, chock full of practically every flower you can want. Annuals, perennials, roses, dahlias, gladioli, water lilies and some lovely carnation-type marigolds—all are here in profusion for your leisurely choice. Vaughan's Seed Store, Dept. E-91, West Randolph Street, Chicago, Ill.

### HOW A TREE GROWS

gives simple scientific facts about the function of everything from roots to heartwood, sapwood, cambium and medullary layer—all with a view to helping you protect your pet trees from ill health! The F. A. Bartlett Tree Expert Co., Stamford, Conn.

### ADAPTABLE, PORTABLE GREENHOUSE

is the new Orlyt which can be erected in a few hours. Radically new, and very low in cost. All greenhouse enthusiasts take notice! Illustrated brochure free. Lord & Burnham Co., Dept. H. O., Irvington, N. Y.

### BURPEE'S SEEDS

for 1941 features the new Marigolds, Petunias and Sweet Peas for which Burpee's own research is so largely responsible. Novelty for 1941, and a complete listing of Flowers and Vegetables. W. Atlee Burpee, 304 Burpee Bldg., Phila., Pa.

### EVERYTHING FOR THE GARDEN

is the 1941 edition of Peter Henderson's familiar catalog, with many photographs, in natural color, of outstanding Flowers and Vegetables. It emphasizes accurate descriptions, and convenient arrangement, to make it easy for the practical garden enthusiast to plan and order. Peter Henderson & Co., Dept. 36J, 35 Cortlandt St., N. Y. C.

### BOBBINK & ATKINS'

Spring Catalogue for 1941 is the most complete they have ever published. There are Roses in great profusion, the most important being the new Cross Roses. Pages in full color feature also every sort of nursery stock from Perennials to Evergreens. Send 50¢ West of Miss. Bobbink & Atkins, 586 Patterson Ave., East Rutherford 23, N. J.

### GARDEN NOVELTIES

features a fine collection of Chrysanthemums by the originators of hybrid Koreans. Color photographs show newest varieties of small and large types, and a choice selection of Perennials, Roses and Shrubs. Bristol Nurseries, Bristol, Connecticut.

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is the booklet to write for if your garden calls for a bird bath or a bench—lead and bronze fountain figures—or anything in marble, lead, bronze, or stone, from an idle pixie to a fountain of superb design. It includes some fascinating armillary sundials, too. Send 10¢. The Erkins Studios, Dept. HG-1, 121 East 24th Street, N. Y. C.

### NEW ROSES

for 1941, including Orange Nassau, last year's flower show sensation, Anne Vanderbilt, Pink Princess, Break O'Day and many other novelties in roses, chrysanthemums and perennials are described and beautifully illustrated in this new catalogue. Totty's Box G, Madison, New Jersey.

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containing all the eleven elements necessary for healthy vigorous growth of lawns, vegetables and flowers, is described in several pamphlets, with convincing photographic proof that Vigoro is an invaluable plant food. Swift & Co. Fertilizer Works, Dept. HG-1, Union Stock Yards, Chicago, Illinois.

### GARDEN BEAUTY BOOK

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new book for 1941 offers a complete line of nursery stock—roses, shrubs, shade trees, vines, perennials, fruit trees, bulbs, as well as a general line of vegetables and flower seeds. It consists of 84 pages, and all the important plants are illustrated in natural color. Interstate Nurseries, 3111 E. Street, Hamburg, Iowa.

### FOR THE WATER GARDEN

for you lovers and growers of aquatic plants, here is a catalogue with everything you need—water lilies, both tropical and hardy, lotus, floating plants of all kinds, shallow water and bog plants, ornamental fish and accessories for both indoor and outdoor pools. William Tricker, 1107 Brookside Ave., Saddle River, N. J.

### DREER'S GARDEN BOOK

for 1941 has 126 pages, many in color, featuring novelties as well as the most popular annuals, roses, and perennials. The All-America selection for 1941 and the winners of 1940 make a fascinating section. H. A. Dreer, 327 Dreer Bldg., Phila., Pa.

### THE WAYSIDE GARDENS

have produced the most beautiful and useful catalogue ever for 1941. There are 198 pages, 34 of them in natural color, illustrating and describing the fine stock of these famous growers of hardy plants. Send 25¢ to cover handling and postage. The Wayside Gardens Co., 30 Mentor Ave., Mentor, Ohio.

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### LAWN CARE,

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Even before the frost is out of the ground (between January and March depending upon climatic conditions) is the best time to put on Vigoro. You save time and work—(no watering down is necessary unless you live where grass grows year 'round)—help assure a lovelier, healthier lawn.



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Part of the lawn was left unfed... the rest got Vigoro. Except for that, no special attention was given to either area. When the grass came in, this is exactly how it looked!

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**VIGORO is the complete plant food.**

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