

## Callaway lowels

. . . their beauty blooms all yearlong
$\mathrm{B}_{\text {EAutrifut they are and beautiful theyill say, through }}$ months and months of wear. For these are Callaway "Label of Luxury" towels-difficult to find now, because the armed forces take most of our cotton goods, but well worth looking for! The joyous colors are fast and the fine yarn texture keeps its soft, caressing touch. Hand towels, wash cloths and terry mats match the big, absorbent bath towels and give you a colorful Callaway ensemble.

So absorbent! Callaway towels are ABSORBenized*-
specially treated to dry you faster.
CALLAWAY MILLS, La Grange, Ga.


The duyy of youre

## First Emportant inner..

One day you'll be giving your first important dinner in your new home. You'll invite, not just an extra couple, but some very special people to whom you owe social amenities. The time to begin planning that dinner is now. For one of the all-important things your guests will notice is the way you've furnished your home. You'll want everything in it to represent you truly, to be beautiful and expressive of your tastes. Fine Drexel furniture will make your home the charming place you want it to be. Send 10c for the Drexel booklet and learn the delightful possibilities ahead of you. Drexel collections are still limited, but when war needs subside, they will become more interesting than ever before.


IN PEACE-TIME, AMERICA'S LARGEST MANUFACTURERS OF QUALITY BEDROOM AND DINING-ROOM FURNITURE


DEECOR BY ROBSJOHN-GIBEING

## In THIS LOVELY SETTING, THEY ENJOY <br> \section*{MANY MAGIC HOURS WITH FINE ART AND GREAT MUSIC}

One of America's most successful patent attorneys, he is also a sincere devotee of the arts. Immersed in business through the day, he sheds it at the door of his home. Like his wife-editor of a well-known fashion magazine -he guards jealously the liberating beauty and leisure of their private life. Between them they have evolved a home of suave luxury . . . with here and there a choice contemporary painting for accent to its lovely modern ensemble. Naturally, these collectors of beauty have decided on the new Freed-Eisemann radio-phonograph as a crowning touch to the richness of this setting.

As a musical instrument, the new Freed-

Eisemann will stand in the front rank of radiophonographs. Not only will it reproduce musical tone with superb realism, it will also embrace and richly re-convey that subtle quality, the artist's individual interpretation. Flawless reception is no mere catch-phrase with Freed-Eisemann, but is assured by new developments in FM (Frequency Modulation), together with similar improvements in reproduction of recorded music, standard radio and international shortwave.

But the "musicianship" of the new FreedEisemann is only half the story. No less impressive will be the cabinets which will house this great instrument - intrinsically
beautiful pieces, designed with a master craftsman's skill on both contemporary and traditional lines-and planned to blend har moniously with the decor of America's mos distinguished and exquisite homes.

In short, whether judged as a musical instra ment or as fine furniture, this new radio phonograph will amaze even those who votec the pre-war Freed-Eisemann one of the world' great radio-phonographs.

If you would enrich your life with grea music . . . and add new beauty to your hom . . . resolve now to own the new post-wa Freed-Eisemann radio-phonograph.

Freed Radio Corporation, New York 13,N.Y

Tin
Sreed-Oisemanm
ONE OF THE WORLD'S GREAT RADIO.PHONOGRAPHS


Crystal Brightens the Eiving Xoom

In your living room as in your dining room, nothing radiates welcome and good cheer as does fine Crystal. This Imperial "Cape Cod" Crystal coffee table setting is an example; other settings in this fine Early American pattern are limited only by your own imagination. Imperial "Cape Cod" is graceful, practical, tasteful. Its background of tradition will earn it a place among your treasured possessions.

Like so many fine things, Imperial "Cape Cod" Crystal may not be as immediately available as you or we would like. So if your dealer is temporarily out of stock, ask him to save a few pieces out of his next shipment.


"It took a war to do it. War... with its cruel, inevitable way of separating the real from the froth.
"It happened when the man of my life came home on leave from that first awful trial by fire. I noticed in him a new and deep-seated feeling for genuineness - both in people and in things. From the very first, I saw how his gaze burned right through anything that seemed artificial, or that would not last. In his war-worn eyes I saw a ceaseless searching ... searching ... for the real thing.
"Then and there I made a decision. Our home-of-the-future had to be as genuine and solid and real as I
could make it. No spindly chairs or tipsy tables... no cramped desk space ....no flimsy, half-size towels . . . and at our table nothing but genuine, solid, last-forever State House Sterlinǵ Silver.
"Yes, everything must be the real thing in that Happiness Harbor of ours. Everything must measure up as nearly as possible to our new 'Sterlinǵ standard'-the standard of endurance and worth he's taught me to appreciate - the standard that shines forth in our chest of beautiful State House Sterling ... After all, why suffer through a war-if you can't learn something from it?"

There is no finer Oterling silver service made than State House dierling

... WHEN YOU CHOOSE A NAHIGIAN $\boldsymbol{R}$ UG. In addition to buying a beautiful rug, in perfect style to complement your decorative scheme, you also make a sound investment that will pay dividends for
years to come. Nahigian's choice Orientals, Chinese and Aubussons have a matchless distinction. Their soft, muted colors are an inspiration to loveliness, their fine points of design, workmanship and
history are approved for you by experts For fifty-five years, Nahigian Brothers have been collecting for your delighted selection the most comprehensive collection of fine decorative rugs in America

## Nahigian Brothers, Ine.

For More than Half a Century, an Honored Name in Rugs 169 N. Wabash Ave. . Chicago 1, Ill.



## As He Listens, Wilfred Pellefier Dreams of the Great Voices of Tomorrow

The voices of Kirsten Flagstad and Lauritz Melchoir reached the end of the famous duet from "Tristan." This had been a perfect performance . . . even Wilfred Pelletier, conductor of the Metropolitan Opera, who had heard these great voices many times in this same duet, could only whisper "Bravo" in admiration. But this music that left him breathless was recorded! This was the noted conductor's audition of the famous Meissner electronic radio-phonograph.
Now he spoke. "Yes, what has been said about this Meissner is true. Never have I heard such reproduction. Only last week I conducted this same duet. This recording, is a perfect performance. Nothing is missing."
Thus did Wilfred Pelletier, conductor of the "Met," famous for his widely broadcast radio programs, "The Metropolitan Opera Presents," "Vacation Serenade" and "World of Song," add his praises to those of Bruno Walter, Deems

Taylor, Rodzinski and other famous artists.
For more than an hour he had listened ... for more than an hour he had been spellbound by the ability of this new instrument to reproduce the full range of voices he knew and loved . . its ability to make them live.
And as he listened, Wilfred Pelletier dreamed of the great voices of tomorrow. With the Meissner he could listen to the recordings of the thousands of new voices now kept from him by limitations of time and space, catch that quality always before a "missing element" in recorded music.

## な \&

In recorded music played by the Meissner, you, too, will find new musical thrills . . . you will be able to enjoy more than two hours of continuous entertainment, thanks to the Meissner Automatic Record Changer that plays both sides of any record in sequence . . find new listening horizons with the Meissner's AM, FM and Super Shortwave radio reception.

This amazing Meissner electronic radiophonograph was perfected just before the war. The single laboratory model is now on loan, to the high school of Mt. Carmel, Ill. After victory thousands of counterparts of this great new instrument . . . housed in luxurious cabinets . . . will bring the magic tones of the Meissner to music lovers everywhere.

## For tomeverni

A NEW WOMAD OF SOUMD AT Youn hrivikh thes
WEISSNER
manubacturing company - mi. carmet, hl
RADIO - PHONOGRAPI • RADAR • TELBVISION
(e) $+\cdots$


MONTAG'S FASHIONABLE WRITING PAPERS

## SHEERLITE

LONDON CRUSHED BOND

"THROUGH THE LOOKING GLASS"

## Grunde Faroque

OWid Wimension OBcauty in Olorling lys WALLACE

BEHOLD GRANDE BAROQUE, BEAUTIFUL FROM EVERY ANGLE

.in the bewitching revelry of a moonlight rendezvous ... in the joyous artistry of Grande Baroque. This, the most glorious sterling pattern of all time, proudly reveals its sculptured magnificence from every perspective... radiates the Third Dimension Beauty that is exclusively Wallace.

Today, Wallace craftsmen dedicate their skills to Victory. But plan now for the post-war era when silver will again be available in larger quantities for gracious living


Look at the exciting colors in any Waverly* Bonded print.. each one contains a complete room color scheme already planned for you! Send in the coupon below for your copy of Waverly's new decorating booklet..."Color Tricks Galore with Fabrics"... and find out how you can use these color themes throughout your home with a decorator's assurance of color rightness. Remember, the beautifully blended tones and shades of Waverly Fabrics are Bonded to withstand
countless washings, cleanings or exposure to brightest sunlight. Ask to see the Waverly Bond when you buy Waverly Willowood, Clipper Cloth or Glosheen. It is your guarate of complete satisfaction.

AS WITH All GOOD THINGS TODAY, you may find your favorite store's assortment of Waverly Fabrics limited. You may be sure, however, that your requirements will be met in as short a time as possible.


DIVISION OF F. SCHUMACHER \& CO. 60 WEST 40 th ST., NEW YORK 18, N. Y.


Yes, a Floor-Plan* Rug, individually sized to fit your room, can make a world of difference! It's not just the quiet luxury of the deep all-wool pile underfoot; the Tru-Tone colors and handsome patterns add warmth and comfort to every room. You may not find the exact Alexander

Smith Floor-Plan Rug you want today, but remember it will be ready for you just as soon as our war job is done!

IT'S FUN TO "DO OVER" WITH COLOR. Send for our free, illustrated "Portfolio of 212 Ideas for Your Post-War Home." Alexander Smuth Eof Sons Carpet Company, 295 Fifth Avenue, Newv York 16, N. Y. *Trade Mark

## ALEXANDER SMITH

FLOOR-PLAN RUGS - BROADLOOM CARPETS

there's nothing so lovely as - Palierini

You are doubly fortunate, if you have a garden, terrace or sunporch, because Salterini wrought iron furniture is here again! Now you may again use these lovely dining and sitting groups to make your garden or terrace more colorful and comfortable!

Your dining alcove too, can share this loveliness.
For dinette sets, with all the artistry
for which Salterini is famous, are now available.
Because of the war, we cannot, for the time being, give our furniture the exclusive NEVA-RUST* guaranteed protection which made our slogan "Beauty That
Lasts" a proven reality. As nothing replaces the complete protection the NEVA-RUST* process gives, we advise that you postpone your purchase of wrought iron furniture if you can. In the meantime, occasional repainting will help preserve the style and beauty of your Salterini furniture.

See Salterini wrought iron furniture for outdoor and indoor use at better stores or through your decorator.


## Fabhlous Silk Tassels

The last word in the majestic sweep of an interior is in the luxury of Scalamandre's hand-made silk tassels - can be had custom made or selected from our limited stock. The silk lampas which graces the background is a whimsical pastoral scene designed by Flora Scalamandré


## S Salamandre

MANUFACTURERS OF FINE DRAPERY AND UPHOLSTERY FABRICS AND TRIMMINGS 598 MADISON AVENUE - NEW YORK - Also BOSTON - CHICAGO - LOS ANGELES *WHOLESALE EXCLUSIVELY - CONSULT YOUR LOCALDECORATOR


The flight of a B29 on a raid over Tokio requires only a few hours from its Pacific base. But behind this achievement are hundreds if not several thousand hours of training and experience for its pilot and crew. Similarly, it does not take long to put on paper the designs for a piece of furniture such as a table. But behind this ability there lies the accumulated knowledge from years of patient practice, study, and research. , A fine table must not only be beautiful
 today; but like a good friend, this beauty must wear well, becoming lovelier and more cherished with the passing years. This is a quality you will find in the design of every Imperial table, each of which is an original style, created by Imperial's own designing staff. In fact, even after a design has been approved, it must still pass many steps before production can be started. For one thing, a complete sample must be built and finished to be sure the table meets all of the requirements for which it was intended. , Designing, like the actual building of fine furniture, is a process that cannot be hurried. This is one of the reasons why, when the skills of so many Grand Rapids craftsmen are required to build precision war equipment, it is impossible to keep up with all of the demand for Imperial Tables. And no table will leave the Imperial factory until it qualifies for the honored Green Shield Imperial Trade Mark.
 BREATHES THE LIFE OF ENDURING BEAUTY INTO

# IMPERIAL TABLES 

Invest in War Bonds today
. . . for your home tomorrow!

## IMPERIAL FURNITURE COMPANY



Many Beautiful Models That Will Lend Distinction To Your Living Room

You really can't blame a man for wanting to "stay put" once he sinks into that big, luxurious Streit "Slumber" Chair, for it's the most comfortable chair in the world. And it's built-in comfort, too ... comfort that will last the lifetime of the chair. Thick, upholstered, spring-filled back and seat cushion that cradle the body in a natural pocket plus comfort-height, matching footstool that rests the legs on an even keel. No wonder he loves his "Slumber" Chair . . . no wonder he loves you for giving it to him.

Only The Streit "SLUMBER" Chair Has These Exclusive Features

1. Every "Slumber" Chair has a matching footstool with con cealed compartment for books needlework, etc.;
2. Three-position seat and back adjustment
3. Both seat and back recline with each adjustment;
4. Reclining seat action prevents slipping forward and pro vides EQUAL WEIGHT DISTRIBUTION for perfect relaxation;
5. Always knee-high-the front 5. Aways knee-high - the front
of the seat remains the same
height from the floor with each adjustment;
6. The luxuriously soft, thick cushions snuggle up firmly to support the small of the back; 7. A slip cover with each chair at factory cost. AUTHENTIC PERIOD DESIGNS! Streit "Slumber" Chairs are designed to harmonize with many periods of furniture -choose the one that fits your decorative scheme.


Sheit This trlangular trade-mark appears
Sumbsity
on the back ran of each genuine
Stre on the back ran of each genuine
Strelt "slumber" Chalr. Look for tt.




Here's a smart, new thougbt: Keep a Pearl-Wick Hamper in the kitchen. Then you'll have it right at hand-to toss in messy tablecloths and soiled dish-towels-keep them away from intimate appareland save yourself unnecessary steps! Yes-enough bampers in the bome make easier, daintier living!

Pearl-Wick Hampers are Self-Ventilating... help keep soiled things free of odor and damp. Decorator Designed ...they're styled and built like fine furniture. Colorfully Finished ...to match the color schemes of your bathroom, bedroom, nursery and kitchen.

Temporarily, not all PearlWick styles are available. But you can find one to suit your needs. Pearl-Wick Corp., Long Island City 2, N. Y.


## A JOY TO BEHOLD

HAPPINESS, health and pridethese will be in your mind in planning your home. Think first of the fixtures you will depend upon to give you years of comfort, cleanliness, and sanitary protection. In buying, building or remodelling, you'll get first quality and durability by choosing Kohler-you'll gain beauty that will be a joy to behold.

Kohler quality is the sum of many built-in values, the result of generations of pride in their work by the people of Kohler. And for this precious heritage of Kohler quality you pay no more.

New advances in distinctive, practical design mark the bathroom and kitchen fixtures created by Kohler for your post-war home. In matched
sets or individual pieces you will find models satisfying to your taste and precisely suited to your practical needs. For best results and fullest protection, consult your Master Plumber on the selection and installation of Kohler fixtures. Send for booklet, "Planned Bathrooms and Kitchens." Kohler Co., Dept.HG-4, Kohler, Wis. Established 1873.

## KOHLER of KOHLER



Match the sparkle in her eyes.

The woman doesn't live who won't appreciate one of these beguiling gifts. Whether bride, hostess, wife or friend, she'll be delighted with Kensington Bent Glass, a tribute to her charm and good taste. There are Kensington plates or trays for cocktails, salads, desserts, canapés and dozens of other uses, in a wide variety of appealing designs.

In Kensington Bent Glass, thick, clear sheet crystal is curved to lines of subtle grace. Modern or traditional motifs are frostily etched on under sides, leaving upper surfaces sparkling and smooth.

At your favorite department, jewelry or giftware store, choose Kensington-a gift of distinction at modest cost.

Below are only a few of the many lovely Kensington patterns. Select anything from a tiny jewel of a bridge prize at $75 \kappa$, to a big, beautiful platter at $\$ 10.50$. (The hemisphere plates shown below are $\$ 4.00$ each.) Kensington, Inc., New Kensington, Pa.


(1) A/ 10 ? 23) $B+A C K^{B E}$ your new atmophere of informal living ... shetched here with Baker repsoductions of a Irench Provincial dresser, set of 18 th Century French chairs, and Prorincial table.



FOR YOUR HOME OF TOMORROW A woll glexating Gobc

Picture the colorful beauty of tomorrow's homes built with these extraordinary stained wood shingles . . . Creo-Dipt Double Wall Zephyrs.

Zephyr sidewalls will make your home far more appealing than could ever be possible with ordinary shingles. For these wood shingles are first quality, select red cedar, treated with preserving oils and stained at the factory in luxurious, longlasting colors. Each shingle is cut to exacting specifications for a snug, even fit. Their distinctive texture, deep shadow and wide exposure combine with rich color to give a home striking individuality.

For your new home, Zephyrs are applied over Creo-Dipt Zephyr Insulation Backing Board. This forms a double wall that provides insulation to keep your home warmer in winter and cooler in summer. To dress up an old home, apply Creo-Dipt Double Wall Zephyrs with Zephyr Board right over the old, drab siding.

If your home is now shingled . . . give it new beauty, color and protection with Creo-Dipt Shingle Stain. Available in attractive, refreshing colors.

For full information about Creo-Dipt Stained Shingles for sidewalls and roofs, write Creo-Dipt Co., North Tonawanda, New York.



## How is Your COMFORT CONSCIOUS HONE?

$Y^{\prime}$ question in house heating. For the "Comfort Conscious Zone" is the only part of your rooms that matters so far as bodily comfort is concerned. It is the space from the floor to standing height, approximately six feet. The upper space might be called the "Waste Heat Zone," because heat that rises there is largely wasted.

In the average home, even though equipped with the most modern of present-day heating systems, temperature from floor to ceiling may vary as much as twenty degrees. All too frequently floors are drafty and too cold for children to play on without endangering their health.

Fortunately, Minneapolis-Honeywell has devised a new and different heating control system that will correct this condition. It is called MODUFLOW. By an ingenious method of heat control and supply, Moduflow utilizes much of the heat formerly wasted at the ceiling to heat the lower levels; result - blissful, even comfort from top to bottom of the "Comfort Conscious Zone."

Every home, however modest, can afford the greater comfort and efficiency of Moduflow. Learn how easily and economically Moduflow can be installed in your present heating system or new home, after the war. Mail the coupon today for your free copy of "Heating and Air Conditioning the Postwar Home" - the booklet that tells how Moduflow will create a new standard of comfort in house heating.

## mODUFLOW

THE NEW HONEYWELL HEATING
CONTROL SYSTEM
MINNEAPOLIS - HONEYWELL REGULATOR CO.
2790 Fourth Avenue South, Minneapolis 8 , Minn. Please send my free copy of "Heating and Air Conditioning the Postwar Home.
Name $\qquad$ FREE
City

Keep Them Winning - Buy MORE War Bonds!

## $\longrightarrow$ pring lúr

## for those who love life!



## CHANGETO SPRING-AIR AND Live THE DIFFERENCE



We wouldn't go so far as to suggest that Spring-Air is actually a Fountain of Youth . . . but we can, and we do, promise you that even if your bedtime be late, Spring-Air will wash away fatigue, replenish your energy, and turn you out fresh as a daisy. Sleeping on Spring-Air is more than a pleasure, - it's a grand way to stay Young in the enjoyment of Life. That's why we say: Sleep on Spring-Air, - and Live the Difference!

MOST PEOPLE FIND the regular Spring-Air mattress and box spring to be just right for the greatest relaxation - neither too firm nor too soft. But for those who want extra softness, extra firmness, extra length, or extra convenience, Spring-Air offers a full range of post-war "fitted" sleep foundations. Ask your Spring-Air dealer for the probable time of availability of the full line.


## Rain on the roof

 ... but continued fair, warm and dry insideBEFORE the house was built, owner and architect were talking about-the weather!
"The place for weather," said the owner, "is outside."
"And to keep weather in its place," said the architect, "there's nothing like Chase Copper Flashing, Gutters and Downispouts.

Copper, you see, resists corrosion. It lasts and lasts."

If you want "rain on the roof" to be just words in a song and not something to worry about, have a talk with your roofer. Plan to install Chase Copper Flashing, Gutters and Downspouts as soon as we can again make them available.


## Chase

 BRASS \& COPPERIF THERE'S


IN THE OFFING...

Crystal for the bride should be chosen with care. It being something she will have for years, ageless beauty is one requisite. Long continued availability is another, so she can match and add wherever she may be. Both are assured when you choose lovely Fostoria handmade crystal. You will find Fostoria at the better stores everywhere.



One of a series of incidents in the tives of immortal composers, painted for the Magnavox collection by Walter Richards

## How America's best loved folk-songs were inspired

H
His family frowned at his "devotion to 11 musick." So, in 1846, young Stephen Foster was packed off to Cincinnati . . . to work in his elder brother's steamboat agency until he outgrew his "strange talent.'
But there was melody in the air of that Cincinnati waterfront of a hundred years ago -music of the south on the lips of the Negro roustabouts who manned the gorgeous Mississippi River steamboats from Memphis and New Orleans.
Dutifully, the twenty-year-old boy kept the
books of "Irwin \& Foster, Agents." But in his spare time he would jot down verses in Negro dialect-and tunes to go with them inspired by the colorful new environment in which he found himself.
Soon, this young Northerner was composing folk-songs that seem to have been born and bred in the old romantic South-Swanee River and Old Black Joe, Camptown Races and My Old Kentucky Home. In the words of Alexander Woollcott, they "are now, and for generations yet to come will be, an enduring part of American life."

Today, when wartime tension seems hard to bear, why not summon back the peaceful past by listening to one of the mellow songs of Stephen Foster as rendered by a Magnavox radio-phonograph? So faithfully, so beautifully does this instrument reproduce the world's great music that it has been chosen above all others by such famous masters as Kreisler and Rachmaninoff - by Ormandy, Beecham and Horowitz. The Magnavox Company, Fort Wayne 4, Indiana.
Buy War Bonds For Fighting Power Today-Buying Power Tomorrow


To discover the marked superiority of the Magnavox listen to a Frequency Modulation program over this instrument. Magnavox was an FM pioneer and the reproduction qualities required to take full advantage of FM broadcasting are inherent in the Magnavox radio-phonograph.


BROWN-FORMAN DISTILLERY COMPANY, INC., AT LOUISVILLE IN KENTUCKY
$\mathcal{A}_{\text {Bargain in Beauty! Weldtex is inexpensively priced; you can bave it in your home at }}$ a cost that will surprise you. And the unique, striated texture gives you a choice of many striking effects


PANEL IN WELDTEX
AND SATISFY YOUR APPETITE FOR

Your day is off to a glorious start.
You know it the minute you step into this cheery, Weldtex-paneled breakfast nook.

There's a refreshing beauty about this new wood paneling that brings out the best in any room . . . anytime . . . anywhere in the house.
W\&ldtex fits in . . . everywhere . . . because the appealing surface lends itself to a wide variety of unusually attractive decorative finishes. Perhaps antique in Milady's drawing
room . . . a restful stain in the Master's den . . . maybe waxed in the rumpus room or finished like the gay breakfast nook above . . . but always Weldtex helps your house make you feel at home.

And the unique charm of Weldtex furnishes a pleasing contrast that blends perfectly with the smooth beauty of other types of Weldwood walls paneled in mahogany, walnut, oak, knotty pine, gum or birch.

## Weldwood PLYWOOD

Waterproof Weldwood, so marked, is bonded with phenol formaldehyde synthetic resin, Other types of water-resistant Weldwood are manufactured with extended urea resins and other approved bonding agents. Back of these Weldwood Products are unmatched facilities and experience in Plywood production and fabrication.


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WELDWOOD Plywood and Plywood Prod. ucts are manufactured and murketed by UNITED STATES PLYWOOD COKP. New York, N. Y.
THE MENGEL COMPANY Ineorporated
Louisville, $K y$.
Branches in principal cities.

For remodeling or new building, consider this versatile new wood product ready for your home of tomorrow. Striking new decorative beauty will be yours with Weldtex*.

Weldtex is a patented product offered only by United States Plywood Corporation and The Mengel Company through lumber dealers. The unique appearance is achieved by the deep striations which a special process cuts into the face of a standard Weldwood Plywood panel. *Trademark Registered.

Send for special folder on W eldtex; also for "Beautiful Wood for Beautiful Homes", an illustrated boollet showing many sdeas in full color for beautiful low-cost paneled rooms.
UNITED STATES PLYWOOD CORPORATION 620 West 46th Street, New York 19, N. Y.
Please send me without charge
$\square$ Weldtex folder
$\square$ "Beautiful Wood for Beautiful Homes"

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Address
H.\&G. 4

## PRECIOUS

## as yous favouite feucl

Like a lovely precious jewel the beauty of a Springfield blanket flashes on you at a glance. Touch it, then, with your fingers. Feel its thick, rich,
all-wool softness. Compare it, by hand, with any other
blanket and you will choose a Springfield every time.
THE SPRINGFIELD WOOLEN MILLS CO., SPRINGFIELD, TENN.
Springfield All-Wool Blankets and Fabrics

this is

$T_{\text {HE }}$ SHEER $L_{U X U R Y}$ of a Triple Cushion mattress gives you a thrilling new xperience in the enjoyment of sleep, and in the healthful rejuvenating benefits of Triple Cushion scientifically balanced aterials handcre, together with highly skilled discriminating ping. They appeal to those who want the most sleep comfort available, not spend

TRIPLE CUSHION SLEEP PRODUCTS are made in these factori
Acme Mattress $\mathrm{C}_{\mathrm{o}}$., Albany Bedding Co ianapolis, Ind.
Baltimore Spring Bed Co., Chicago, IIl.
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${ }^{\circ}$ Triple Cushion orp., Milwaukee, Wis.
${ }^{2}$ Triple Cushion Corp., Chicago, III.


Miami Store: 1444 Biscayne Blvd.

## tropical modern

Modern design has made excellent use of the tropical motif in decoration. Against a pastelly-toned bedroom, the brilliant bold drapery print and color accents give exceptional character to this setting. Note the pointed leaf handles and textured drawer fronts . . . tropical details!


## SHOPPING

Compact as a lipstick and just as feminine, these holders add glamour to smoking-plus a few extra puffs-and then neatly eject the butt. The holder comes in black, red or white and costs $\$ 3$. Holder in black, red or white case, $\$ 7.95$ plus 25 c postage. Alfred Orlik, 680 Fifth Ave., N. Y. C. 19.


A familiar ring-a tiny echo of the universally popular identification bracelet-is one you'll want with your own initials or "his" until he can buy you a diamond. It's 14 k gold engraved with 3 block initials. $\$ 11.25$ includes tax and post. Lambert Bros., Lexington Ave. at 60th St., N. Y. C. 21.

Clip a napkin to a plate and your buffet guests will feel as if you'd given them an extra hand. And if you're trying to economize on laundry it won't be hard to lure your family into using these. Clear lucite napkin rings with initial. $\$ 3$ for 4, $\$ 9$ for 12 . Malcolm's, 524 No. Charles St., Baltimore, Md


12 OPERA SCORES on TIDBIT PLATES Colorful scenes and scores of 12 dif-
ferent great operas designed by faferent Freach artists on these plates for
mous french canape tidbits. Perfect for cocktail or tea parties, they measure 6
12 plates, each different . . . $\$ 7.95$ Add 50 C for postage
Write for Catalogue H4
The SALT \& PEPPER SHOP 445 E. 86th St. New York 28, N. Y.



MAGIC TOP DOUBLES THE SHZE of Your Card Table: r.Top is a light rigid top which slides easil over the surface of a card table, just doublin its size. It seats 7 persons comfortably- 46 in diameter, $144^{\prime \prime}$ in circumference-it's perfect fo luncheon, jig saw puzzles and card games. Can
tucked away in a closet or corner. Send for you T-Top now! Shipping weight approx. 16 lb Shipment made promptly, shipped by expres No C.O.D.'s, please. Specify Color Wanted Dark Green, Rich Red, Dark Brown, Jet Black
$\$ 5.95$
Unpainted T-Top 84.95
All prices at Salem, Mass.
T-TOP COMPANY, Ine

## AROUND




Your indoor garden will thrive proudly in this wonderful English Flower tub. It's made of handrubbed mahogany with brass trim, has a removable metal container. Use a pair for decorative bookends, candy or cigarettes. $51 / 2^{\prime \prime} \mathrm{x}$ $33 / 4^{\prime \prime} \times 23 / 4^{\prime \prime} . \$ 13.95 \mathrm{ppd}$. Home Treasures, 216 E. 45 th St., N. Y. C.


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The beaded glass bowl, ladle and plate all add up to $\$ 2.75$, and that includes postage too. Also includes a monogram, or an etched design of a lily of the valley if you'd prefer rent Events because it dishes for Cursauces, gravies and dressings that help make wartime dishes seem like what they're mot. $\$ 2.75$ complete set postpaid they're

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out, year after year. There is a glamor about the old glassmaking days on Cape Cod and this pattern is true to that fine old tradition.

Would you like to read our little folder on the Sandwich pattern and its rich background? -The Duncan \& Miller Glass Company, On the Old National Turnpike, Washington, Pa.

Housex Garden


COVER: HOUSE \& garden's twenty-four World-News colors forecast against a two-dimensional impression of a room -colors for any room and every room. 1945's colors are alive, forcefully bright to give a house independent verve and charm. House \& garden's twenty pages of decorating ideas put color-minded theory into practice. Remember the Red Cross. Cover design by Priscilla Peck.

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# olor does it 

## HERE BEGIN HOUSE \& GARDEN'S TWENTY PAGES OF 1945 DECORATING IDEAS

- Color gives a house spirit. It marks a room with individuality and stamps it with vitality. It gives new life to old surroundings and gets the best of architectural singularities. Color draws the line between exciting decoration and uninspired mediocrity. Color does it for you and your home. It's the cherry in a cocktail and the feather in a cap.

Color Has A Brilliant Future: Here are House \& Garden's twenty-four World-News colors, evocative as their names. They have a bold outlook. Vivid shades, as accents or on a big scale, are coming back into their own. Darker, brighter backgrounds are appreciated for the flattery they give to fine wood, for their dramatic value with simple, modern furniture. Accessories have new tonal importance on the general color map of a room. Color is no longer shy, it has frank independence. It has new significance in fabric-and-furniture-rationed times.

Color Makes A Grand Entrance: It puts a foyer on its mettle and makes a good first impression for the rest of the house. It sets the key for the climax of the living room. An acid-sharp contrast between the entrance hall and the living room plays up the muted elegance of the larger room, increases its formality. A blander color scheme in the foyer gives a more vivid living room greater impact. An entrance hall and living room in the same color gives the psychological illusion of greater size and importance to the bigger room. A foyer, built with color, is a wonderful place to show off a magnificent piece of furniture that needs to stand on its own merits, alone. Color gives this small room a life of its own. See pages $50-51$ for foyers with imagination.

Color Opens Out For Summer: Change of temperature and change of color are logical and intelligent. In summer mixed greens, cool as a salad, take several degrees off the temperature. Blue greens like our Caracas Green, Sung Green, Holbein Green or Bayou Green are refreshing as mint. Clear light yellow, like Tibetan Gold, is a sunny but fresh color. Grays are shadow-cool and a wonderful foil for spring flowers and sunlight. Color spins out to the edge of the room in summer exploding about the perimeter like a Catherine wheel, leaving cool space in the center of the room. See pages $52-55$ for the open-for-summer look.
Color Backs Up Modern: Timeless contemporary furniture is often at its best in a setting of understated, year-round color.

Aegean Mist is a shade for summer and winter, cool in the sunlight, warm gray in firelight. Athenian Smoke is an uncompromisingly good background for blond, modern woods twelve months of the year. Stinging accent colors, perhaps Borgia Green, Byzantine Blue, Bagdad Flame, Mexican Magenta can be varied in accessories, in rugs for seasonal change. When modern furniture is dark, polished as onyx, back it up with clear, light walls-Calypso Pink, Palazzo Blue, Sistine Blue, Lima Sulphur. Accent it with Nubian, Athenian Smoke, Arras Crimson, Caracas Green. For a room with an eye to the future and a color scheme to last, turn to pages 60-61.
Color Gives Antiques A New Background: There's nothing dated about the fine old French commode on page 50, when offset by green and white stripes. Early American maple, like the bed on page 62 , takes new savor from a present-day American color scheme. Plush, lush Victorian has modern sensibilities in a setting of Caracas Green walls, a Calypso Pink ceiling, pages $56-57$. Antiques gather new momentum when used with unconventional color schemes. Bold stripes, contrasting walls accentuate the design, add importance to the scale, bring out old patinas in heirloom furniture. Give antiques new identity with new color.

Color Frames It: In fabric-rationed days, in summer when curtains keep out breezes, color saves the bleak outlook of curtainless windows. Painted valances, bright moldings, gay screening, a colored swag are deft trompe l'œil for windows. On pages 68-69 are eight variations on the curtainless theme. Color frames a room too, makes the best of its best features, puts oddities in the shade. Dark walls and a light ceiling will raise a low ceiling by several optical inches. Low, closed-in rooms are heightened and given space by painting the walls and ceiling a light clear color. Palazzo Blue is one of the best for more atmospheric space. Inversely, dark ceilings appear to lower a room to a more hospitable dimension. A narrow room is widened by coloring the narrow walls an advancing color: Perricholi Pink, Lima Sulphur, Venetian Pink. The other two walls are painted a retreating color: Aegean Mist, Sung Green, Bayou Green. A small room gains distinction with a bold color scheme. A series of square rooms takes on variable charm with walls of contrasting colors.
Color Is Architectural: Beautiful architectural details are as important as furniture. Classic (Continued on page 110)

DARK STRONG COLORS. Background colors, each with two companion-piece shades for good color scheme collaboration. Dark tone and teammate light one (next column) can be used interchangeably for walls, in upholstery fabric, curtains.

LIGHT ALIVE COLORS. Fabric contrast against darker walls. Or have sunny walls with curtains and upholstery of the teammate darker color. The small, brilliant boxes of color (next column) suggest one accent for each of the schemes.

ACCENT COLORS. Spice for each pair of dark and light combinations. They make a flourish in accessories. Pick them up in the pattern of a chintz, in bibelots, pictures, in the odd pillow, the tracery of a rug, in a curtain lining, books.

CHINESE BRONZE


BAYOU GREEN


FEZ RED


CARACAS GREEN


NUBIAN


ATHENIAN SMOKE


HOLBEIN GREEN


MOORISH BLUE


AEGEAN MIST


SUNG GREEN


PERRICHOLI PINK


Palazzo blue


LIMA SULPHUR


CALYPSO PINK


SISTINE BLUE

BAGDAD FLAME


BORGIA GREEN


VENETIAN PINK


## BYZANTINE BLUE



CONGO GREEN



## Trand entrance

FIRST IMPRESSIONS ARE IMPORTANT

FOUR VARIATIONS ON ONE FOYER


Regency foyer, set off by white louvred doors, framed in a white bolection molding. The Caracas Green and white striped living room wall has an acid contrast in the Lima Sulphur hall. Console, Grosfeld House.


Two-timing the past and present. New-as-tomorrow color, magnificent antiques. Red living room wallsred roses in an old Bessarabian rug from Nahigian, Chicago, old commode, Chinese Bronze walls.


Natural caned doors set in natural wood frames are a fitting outlook for bleached modern furniture. The brash Nubian-and-white-striped floor is spiced with a Congo Green string rug, matched to Nubian walls.


Traditional furniture, unconventional approach. Nubian walls put the white and Nubian doorway in relief and open it dramatically on the Sung Green foyer. Breakfront, Kittinger, Williamsburg Reproduction.



KEYED TO WINTER

For summer, reduce clutter to a happy minimum. Change accessories, pictures. Provide an accent toward the outdoors by grouping furniture around windows curtained in bright plaids. For winter, focus furniture around fireplace. Substitute dark lampshades for light ones. Take off slip covers to reveal the upholstery. Curtain windows in overscale multicolored prints. Goodall fabrics, styled by Dorothy Liebes.

# Make room for summer 

WHEN HOT WEATHER COMES PUT WINTER ON THE SHELF

- Give your house a summer vacation to double its interest and comfort by use of decorating discipline and a light touch with color. Rearrange the furniture spaciously around the periphery of a room to give it completely new face and to show expanses of cool, clean floor. Cut free from hallowed floor plans and hide the piano behind a white rattan screen if it's winter looking. Drastic disregard for past arrangements is aesthetic tonic for summer rooms. Slipcovers are fresh fitting in summer when they are tailored perfectly, simple as a suit with no contrasting welting or swags. Straightforward curtains, with no valances, or the plainest possible ones, are summer-right against the sun. The best place for dark winter rugs in summer is storage. Polished floors seem to double the air space and bring down the temperature. Put away dust-catching bibelots during the open-window season and replace them with flowers. The less clutter the cooler. White lampshades, or bright transparent ones are several degrees colder than richer, winter ones. Glass lamps substitute an icy sparkle for winter china or bronze lamps and are crystal flattery for vivid flowers. Summer is an easy-going time. Put aside complexities. Double sets of curtains are much too warm. Small tables, hassocks, odd brackets that aren't needed can spend the summer in an attic to give rooms more airiness. Light water-colors or prints are fresh replacements for oil paintings. Color itself gives the grace note to a room. Caracas Green, Tibetan Gold, Congo Green, Lima Sulphur, all the shades of astringent greens, lemon yellows, pale grays are summer-cool colors. Plants can bring the sharper accent, perhaps a fireplace filled with them. Fill summer rooms with cool color. Play up cool textures. Leave space for living without fuss or furbelows.


Swatch for summer-a plaid that never saw Scotland, in Venetian Pink, Borgia Green, Byzantine Blue overlaid with black. A checkmate plain fabric, Lima Sulphur.


Winter-set. Lush pink flowers on a white background and a brilliant red striped teammate. All cotton and mohair fabrics, styled by Dorothy Liebes, from Goodall.

# Open season on color 

DESIGNED FOR BOTH SUMMER AND WINTER LIVING. THE

NEW YORK APARTMENT OF MR. AND MRS. SIDNEY ROSS

plorian de narde

Scaled for summer. Rosy-red rubrum lilies bloom riotously on a white background and bring garden-freshness to the highceilinged room. The card table chairs are summer-covered in rose and white awning cotton for practical coolness. A natural sisal rug in a woven check punctuates the feeling of the out-of-doors-indoors look.

Winter warmth. Made for bezique, but right for today, an eighteenth century card table, sided by dark green lacquered chairs, seats striped in soft green, off-white, beige and sulphur antique satin. Chinese Bronze walls show off the old walnut chest. Antique mirror reflects white, textured-cotton curtains with antique green satin cuffs.



Winter chintz. Sprawling Tibetan Gold flowers with dark Holbein Green and Chinese Bronze leaves set the color pattern. The cotton velvet chairs are Tibetan Gold. The carpet, Chinese Bronze. Natural raw silk shades, and a natural pine library recess pick up wall color and compliment the white curtains and green valances.

Summer swatch. Covered for summer in clean-cut slipcovers, the two sofas in rose and white stripes, the armless chairs in the lily fabric to match the curtains. New lamp shades accompany the couch fabric. The sisal rug almost covers the floor to total summer simplicity. Decoration, Intramural. All the fabrics are from Brunschwig \& Fils.


THESE VIEWS OF THE LEONARD P. MOORES' HOUSE, BUILT ON BROOKLYN HEIGHTS IN 1854, SHOW AN ASPECT

OF VICTORIAN WITHOUT ANTIMACASSAR OVERTONES


Handsome architecture, a beautifully carved white marble mantel and large mirrors provide a spacious background for old Victorian rosewood pieces in crimson and white satin or maroon velvet in the "back parlor." Walls are Caracas Green, cornice is gilded under the fifteen foot, pale pink ceiling; rug, beige.


Free-standing columns in clusters of three, with deeply carved capitals, frame the wide archway leading from the drawing room, left, to the music room of equal size. Both rooms are decorated alike; both hold portions of the Moores' collection of paintings by contemporary artists.

In the music room a mantel, equally handsome, but differently carved, echoes the one in the drawing room. Reflected above it, a glimpse of the tall Victorian secretary opposite and of the plaster rosette from which an ornate gas chandelier formerly hung.


A library occupies the one-story rear extension so typical of old Brooklyn houses. Walls covered in grayish-beige grass cloth, bookshelves on three sides, chintz in warm gray, plum and chartreuse and a basket grate in the fireplace give it warmth and intimacy.



WHO INSIST UPON HAVING THINGS IN TWOS


- It would be a pity if, after eight expensive years of prep school and college, a child returned to its parents without having learned all the twenty-seven verses of "One Wide River." Sprightly and realistic, they reach the heights and depths of human folly. Imagine facing life and its awakening responsibilities without the frivolous comfort of occasionally chanting:

> "The animals marched in two by two,
(There's one wide river to cross)
The elephant and the kangaroo,
(There's one wide river to cross)."
Presumably these creatures came out the same way they went in and, the biological process pursuing its accustomed course, animals and sentient men alike thereafter continued down the ringing grooves of time in pairs-living two by two, thinking two by two, maintaining a sense of balance and order.

- If we accept the Noah legend, then we can understand why there are so many Noah's ark people in the world. We can grasp the reason that impelled them to build houses and furnish rooms in matching pairs.

These pairs are familiar to all-a candlestick, jar or equivalent bibelot at each end of the mantel. Two deep chairs or two sofas, one each side of the fireplace. A couch against the wall must have its complement of matching end-tables, on each end-table a lamp and beside each end-table a chair. On each end of the sofa a pillow. On the wall behind, pictures in balanced approximation to each other.

The more marked the period, the more this use of pairs, to give a room an air of balance. The weight of heavily cur-
tained windows on one wall is balanced by the weight of grouped furniture on the other. The mass of the fireplace and overmantel echo the mass of the entrance door opposite.

Outside architecture shows the same neatly balanced proportions. In Georgian houses matching chimneys break the ridge or rise beside it, indicative of a pair of fireplaces within. The arrangement of plain windows, by twos each side of an elaborated entrance door, is set there with mathematical nicety. If the house is of the Virginia plantation type, a connecting room or open colonnade reaches out to a terminal structure at each side. You can mentally cut these houses in half and, placing one half against the other, find that they match exactly.

- Since some people might find it difficult to trace their sense of balance back through yeasty time to Noah's nautical venture, we might turn the argument to two strange little arrangements with which the heads of all humans are equipped. They are called the semicircular canals, one matching the other. Their purpose is to keep us on an even keel, walking erect, without the lumbering sway of the elephant or the sinuous coiling of the snake. It seems, too, that the makeup of our bodies is fairly well balanced, one leg matching the other, one arm the other.

Our physical beings would appear to require, for the delight of the eye and ease of living, surroundings that balance as our bodies balance. A relationship, subtler than we suppose, may exist between this bodily balance and pairs of candlesticks, matched windows and fireplace sofas vis-à-vis.

- Over the past three decades a new and lively race of architects and decorators has arisen, to whom things in pairs and matching balance are anathema. Many of them are of foreign extraction. They were never exposed to the American educational advantages of "One Wide River." Their followers, though native here, seem to have forgotten those celebrated twenty-seven verses. Elephants and kangaroos in twos shock their sensibilities. Anything in precise twos throws them into voluble eruption.

You can't cut their houses in half and match the parts. Their rooms seem deliberately off balance. There's no attempt to keep them on an even keel. No one mass is weighed against another. Or if they do, some esoteric philosophyusually of Oriental abstraction-lurks behind their theory of unbalanced symmetry. We suspect it is Zen-Buddhism.

First brought from China to Japan in early times, ZenBuddhism soon developed some of the finer arts of that country. To it can be attributed the evolution of the tea ceremony,
the Japanese print, the dry-river-bed scheme of landscape architecture. Its purpose was to develop an inner consciousness which mentally supplied what was visually lacking. The Japanese print is never finished to the edges: your inner consciousness finishes it. Brook beds filled with mossy boulders need no water because your inner consciousness will supply it. A flat stretch of sand with a few rocks interspersed holds the interest of Zen-Buddhists for hours. It represents a section of seashore. Their inner imaginings bring in the creeping tide.

So with some modern rooms stemming from this Oriental philosophy. You have no need for a balancing pair of Chinese paintings. One is enough. Your inner consciousness will supply the other-and save you money. One side of the room fairly weighted with a group of furniture needs no compensating group opposite. You imagine it there-or the weight of the open space is sufficient. For a people faced with wartime and peace economies, this has its advantages. Besides, it gives that uncluttered look to rooms, which is the present fashion.

- In the song which we consider part of the equipment of a well-educated American, the refrain, "There's one wide river to cross", comes in with insistent reiteration. Equally wide and equally separating is the wide river that divides the Noah's ark people from those who think Noah and his circus cargo only a balmy myth. In time the river will become narrower and crossing from one bank to the other not too difficult.

For there are among us any number of Noah's ark people who like to take a fling at the uncluttered and unbalanced life and any number of the uncluttered and ZenBuddhistic who could do with a little more traditional order and balance. We nurse the fond notion that eventually these will grow closer together, that, concessions on each side freely given and taken, an American modern style will emerge.

At present some of these foreign derivatives have yet to be assimilated. Too much of this modern architecture and decoration has to be explained and defended. Too much of it is alien to what we fondly think to be the American scene. Too much an abrupt cleavage with ancestral traditions. On their part, our ancestral traditions have been too unyielding and stiff-necked. So accustomed to things in pairs are they that they won't concede that there's another way.

Perhaps, for the sake of better relations, we might change the old song to:

The animals marched in threes by threes,
The elephants and the chimpanzees, and let him who dares choose which is which.
-Richardson Wright

## Room with an about face

EDWARD J WORMLEY DESIGNS A TWO-PURPOSE ALL-SEASON ROOM

- Here is a room that takes account of the time of year as well as time of day. Planned for living room-dining room convertibility, it centers about the fireplace in winter and does a turn-about to view the summer coolly. Deftly adaptable furniture, to be moved and grouped seasonally, and the considerate color scheme are the abracadabra that gives it year-round interest and charm. Edward J Wormley, whose notable skill is contemporary design geared to contemporary living, plotted this room and designed the furniture. The right-angle table and the settee were meant for each other, both are light enough to move easily. Tautlycovered leather chairs, the seats and inside backs in faint Aegean Mist, the backs in Sung Green, have handle-holds to push them easily under the table when not in use. Illusively translucent curtains of soft Aegean Mist shade the glare of summer sun and take character from their appliqués in bold Gringo Pink and Caracas Green. Above the level of the curtain tracks, cove-lighting and pin-point spotlights focused on the table give depth to the Athenian Smoke walls and smoky, slate floor. The Aegean Mist ceiling is gray-cool in summer, catches firelights in winter. A room that changes pace gracefully with the seasons, holds the interest longer, is more comfortable than immutable decorating. More weather-vain changes, pages 52-55.


Set-for-summer table, curved like a concert piano, turns towards the sun and hugs the settee, corners off the pleasant grouping of the side chairs. The low, dining chairs are drawn out for a dinner for eight and no backs to the view. The indoor garden of plants is a prepossessing practical turn on the almost-imperishable slate floor. It is an amenable room, divided against itself to give it two-way purpose, infinite zest.

Back-to-winter, the Swedish birch burl table takes to the corner. The settee in Sung Green looks towards the fire. The dining chairs, tucked under the table, face the warmth. A manydrawered side-board is recessed in a niche in the wall and crowned by built-in bookshelves. The dual-identity table is an adept at many simultaneous uses-tea at one end, writing at the other. Furniture to be made by Dunbar.




## Color for maple

MODERN HUES, ANTIQUE

MAPLE FURNITURE,

## IN A YOUNG GIRL'S ROOM



2

1. Dressing table accents-a pair of white porcelain bottles, scattered with flowers, to hold her lotion, perfume. 2. Student's lamp-student's delight; an old brass lamp with oil well and green glass shade to cast light on homework. 3. For treasures-pins, rings, scarves or cosmetics-an antique pine spice chest with many little drawers, just $17^{\prime \prime}$ high. 4. Both practical and pretty, a pair of tall crystal apothecary jars, $15^{\prime \prime}$ high; colorful when filled with hard candy or seashells. 5. At the foot of her bed, an old, trunk-shaped maple blanket chest, $36^{\prime \prime}$ long, which can conceal all sorts of bulky sports equipment, or even an extra blanket.


5

Maple in modern dress: this young girl's room, its romantic tester bed flounced in cotton taffeta in House \& Garden's new colors-Venetian Pink, Borgia Green, Nubian, Sung Green. The latter appears on walls and in Amsterdam's "Sof-Tred" rug. Candlewick and punchwork spread, Cabin Crafts; two pairs of "Vogue" organdy curtains back-to-back at window.


1


3


4

Accessories make the room

WITHOUT THE RIGHT ONES IT WILL LACK SPIRIT,

ANIMATION, HUMOR, SAY THE TWELVE DECORATORS

WHO ASSEMBLED THE GROUPINGS ON THESE FOUR PAGES

DONALD D. MacMILLAN groups part of his collection of Early American pewter on a mantel shelf. Mugs, candlesticks flank a Delft eagle of Dutch provenance-a ware held in much esteem by Americans of the day. Above hang 17th Century maps including a Revolutionary campaign map and two small early views of New York City.



JAMES AMSTER doubles, in Venetian mirror panels, an old white and gilt bombé chest of the period. Sympathetic accents in white and gold chosen for a baroque room: Louis Philippe lamp, box; porcelain and bronze doré tie-backs; Louis XVI candlesticks; shell dish, baroque bracket and bust.
kertesz



JAMES PENDLETON chose this group for a blackwalled library with pinkish-beige ceiling and leather upholstery, touches of brilliant green; lamp and pictures with Etruscan figures in beige on black, Empire bronze doré candelabra, Sphinx bookends.


JOSEPHINE HOWELL plans a sideboard garniture for a French Provençal dining room. Massive French hurricane candlesticks (their heavy bases designed for garden use) guard a collection of fascinating 18th Century faience pieces. French prints of four seasons hang above a Louis XVI Provençal chest.

ROBSJOHN-GIBBINGS expresses a Modern living room, left, in terms of crystal, blond wood, muted colors. A curved, glass-topped coffee table of blond ash wood holds an articulated lay figure; crystal vases, ashtrays; metal tripod lamp; white boxes.


FREDERICK VICTORIA, with glorious disregard for periods, groups a rare Crown Derby flower plate, an 18 th Century French patch box, a French crystal lamp and an Italian terra cotta harlequin on a Venetian baroque table.

THEDLOW fills an old Italian bombé cabinet of inlaid walnut with fine Dresden plates, Worcester vases, a pair of Dresden pug dog figurines and several small books in fine leather bindings, enhanced by the white moire lining of the cabinet. It would make a nice focal point for a formal drawing room.


ELINOR MERRELL sets off old French tôle pieces on a Provençal walnut commode against a background of antique yellow fabric. The maroon-black candlesticks, eggwarmer in black and gilt, decorated black lacquer box, would be equally handsome as mantelshelf ornaments.




McMILLEN planned this group for a 19 th Century bedroom. A découpage picture in the manner of the period, by Grace Fakes, dominates the bronze doré candlesticks, alabaster urn, salmon and gold Sèvres cup, porcelain bottles and bonbonnière.

NANCY McCLELLAND visualizes the ornaments, left, in a French Provençal bedroom: Louis XVI gilded mirror, cachepot, marble and bronze clock; pharmacy jar lamp, porcelain trepied, Lowestoft saucer, Chinese box and 18 th Century gouache landscape.


DIANE TATE and MARIAN HALL suggest accessories for a Louis XVI desk in an 18th Century French library: marbleized glazed pottery lamp, bronze and brass inkwell, porcelain vase, ashtray, millefleurs paperweight, marble clock with inset miniature.


BELLO, INC., on a walnut Regency escritoire in a feminine French bedroom, uses Regency candlesticks of crystal and bronze doré, a French Victorian portfolio, and delicate porcelains: Dresden boxes, Rockingham inkwell and angel figurines en biscuit.

## Frame it in color

ARCHITECTURAL DIDOS GIVE WIT, ADD

CHARM TO FABRIC-RATIONED WINDOWS,

MAKE FOR SUMMER COOLNESS


1. New view on windows. Venetian blinds, topped by a canopy of Caracas Green, give punch to clear white walls. Medieval halberds, supporting the canopy, add the flavor of an old Romance to a practical trick. For symmetry, flank the window with chairs in Lima Sulphur.
2. Rope describing a design of Spencerian script, demarks a white lacquered window frame. Buy white rope at a ship chandler's. Tack paper, marked with the desired design, on the wall. Fasten rope with round brads, to conform to the pattern, lacquer, tear down the paper.
3. Doors of gilded chicken wire. Frames are painted in white. The overdoor can be made of papier mâché, or cut from pressboard, painted white and gray to imitate relief.


4. Louvred windows, deep set into the chocolate richness of Nubian walls. Louvres, valance and sides of window recess painted in Palazzo Blue. Have your carpenter cut the valance from laminated wood. Provide a shining accent with wall candelabra of silver, on either side.
5. Holbein Green walls, tribute color for windows shuttered with frames and canings of natural wood. (These can be done by any craftsman who canes chairs). Team the walls to stools with gray-white frames and seats of Borgia Green.
6. Cotton tassels roped to one another like the bumpers of a tugboat. Order the tassels and cotton rope from a marine hardware firm. Gringo Pink walls contrast pleasantly with a panel of Aegean Mist color, on either side of the interior of the window-niche. A bed with a tasseled fringe of Chinese Bronze climaxes the scheme.
7. A window ruffled in fabriccovered buckram-Sistine Blue. Window looks like a lace paper frill on candy box. It makes a particularly attractive foil for walls done in Venetian Pink. Its color, effectively picked up by a taffeta slipper chair, extremely feminine-of Sistine Blue.
8. Window for a room with a view. Framed in bolection molding of white lacquer, marbleized in Palazzo Blue, Arras Crimson, and Athenian Smoke. Wallpaper can also be used. Conversation group of two low chairs-Aegean Mist colored. Placed beside a very low table, finished in black.


RADIO RE-ROUTEDFOR

THE no-man's land of higher radio frequencies, responsible for radar and a host of wartime wonders, has just been partially charted for peace-giving the go-ahead to engineers who are blueprinting your future radio. The Federal Communications Commission staked out highways for the many services using radio frequencies-ship and plane direction, railroad communication, facsimile, amateur short-wave, police, government, personal "walkie-talkie", radio, as well as home radio and television. While many of these affect you only indirectly, the FCC rulings establish a traffic pattern for the broader, more efficient use of radio in home, industry, and government.

Closest to home will be an expanded use of FM radio, with characteristics that make it a happy partner, not a competitor, to standard AM broadcast. Basically, FM is a short-range broadcast, reaching as far as the horizon line. This is about a fifty-mile radius on flat land, considerably farther if the FM transmitter is placed high-on a mountain or tall building. Station-to-station relays extend its scope, and permit some network programs to be broadcast, but it is not anticipated that these will replace the established AM coast-to-coast set-up. FM will develop first in metropolitan areas, and in heavily populated mountainous country, such as New England and California. Flat country will continue to champion the AM system.

The portion of the radio spectrum band above indicates the frequencies brought within range of the home radio. For the inquisitive, the numbers stand for radio frequencies in kilocycles. AM means amplitude modulation; FM, frequency modulation. Home sets are geared to receive only a portion of the band, so separate receivers are necessary to tune in on FM and AM. Most post-war sets will contain both. The present FCC rulings move FM broadcasting higher on the band for clearer reception, so pre-war sets may require an adjustment to receive these different wave-lengths. Television will need its special receiver for sight and sound, too. FCC allows the present system of television to continue, and provides space in the very high frequencies for experimentation in color television.

## FINER POST-WAR RECEPTION



THREE-DIMENSIONAL SOUND


LESS CONFLICTING STATIONS

- FM IS A NEW SYSTEM OF BROADCASTING, in which the sound is protected against static-lightning, station interference, household appliances. These annoyances are really miniature broadcasting stations out of control, whose impulses ride the $A M$ wave right into the receiver. The nature of the FM wave makes it resistant to outside interference, and the receiver shaves off any excess noise, so that the sound comes out clean and without distortion. The FM system of broadcasting requires special transmitters and receivers geared to the higher frequencies, and the expansion of FM will await the distribution of this equipment. Approximately forty-six commercial FM stations and five educational FM stations are already on the air; more than 300 applications are pending, awaiting new equipment. 500,000 pre-war radios were geared to receive FM; tomorrow's radio will have boih FM and AM.
- FM IS STARTLINGLY LIFE-LIKE. Heard in the next room an FM broadcast is difficult to distinguish from the original because of its third-dimensional quality. For the technical-minded, the ear is sensitive to sound vibrations from 16 to 16,000 cycles, but AM transmits actual notes or tones only from about 27 to 6,000 cycles. The upper 10,000 cycles of the audible range contain the overtones and harmonics present in every tone-its "third dimension"-that distinguish one instrument from another, give voices characteristic timbre, reality. FM broadeasts this entire range of sound against a background of silence, free from the usual radio "hum". This allows the softest whisper, the most extreme pianissimo, the scratch of a match, literally the drop of a pin to be heard. FM is an ideal medium for the nuances in a symphony, or a good actor's voice.
- FM CUTS DOWN STATION INTERFERENCE. This is due partly to the nature of the broadcasting itself, and partly to the fact that present AM channels are over-crowded. An FM signal need only be twice as strong as its interference to cut it out completely, while an AM signal must be 100 times as strong. Thus, an AM station, to give clear reception, must drown out its neighbors with a terrific output of power, not necessary with FM. Because of its shorter range, FM can serve local communities without cluttering up the air beyond its reach, allowing more use of radio in limited areas by schools and civic groups. The many FM channels proposed by the FCC rulings are planned to prevent future over-crowding in this band. Should local stations switch over to the more inexpensive FM broadcasting, the AM band may be cleaned up for better long-distance reception.


## Jlory of the levees

STILL LINGERS IN LOUISIANA'S


In 1801 Christophe Colomb, native of Paris, built "Bocage," near Darrow. It was remodeled in 1840
Though the house is now abandoned, unusually-spaced Doric columns still give it a peculiar charm.

## ANTE-BELLUM PLANTATION HOUSES

- In those ante-bellum days when cotton and sugar were kings and slaves abounded, the planters of Louisiana waxed rich and, like Kublai Khan, built them stately palaces. Here are shown five examples, photographed in various stages of their departed or departing glory, by Clarence John Laughlin. To students of architecture they stand as noble examples of the grand mannernoble in conception, generous in proportions and entirely suited to their environment.

Many of these houses represented far more than merely an adaptation of classic and French originals. Some definitely represent characteristics peculiar to the lower Mississippi Valley. They indicate the development of an architectural feeling as close to being indigenous as anything that can be found in the entire central part of the United States-a style based upon the characteristics of Louisiana climate, and rooted in materials locally available.

The doom of this culture was brought about, roughly, by three factors: (1) the economic havoc wrought by the Civil War, especially by the disintegration of the slave system, (2) the later collapse of the cotton and sugar markets, upon which huge fortunes had been founded, by international competition, (3) the advent of industrialism and the resultant shifts in the ownership and distribution of the land, the usages of wealth, and the character of living patterns. Within recent years fire and flood, levee setbacks, the ravages of heat and dampness, and the neglect due to impoverishment, have all taken an increasing toll of the houses left from this great 19th Century efflorescence.


Top: One of the finest examples of Doric plantation architecture, "Greenwood," near St. Francisville, was built in 1830 . It is now being restored. Above: The fabulous "Belle Grove," near White Castle, was the most ambitious of the levee-side plantation houses. A classical mansion of sev-enty-five rooms and Corinthian columns, John Andrews built it in 1857.

Left: "The Hermitage," near Darrow, was built in 1812 by Michel Doradou Bringier and owned by the family for over a century. A square structure, surrounded by columns, no nails were used in its building. Below: "Ormond," near Destrehan, one of the few remaining examples of French Provincial architecture, was built in the latter part of the 18th Century.


- The owner-architect of this house is Professor of Architecture at the University of Oklahoma. The plan which he has developed, although specifically designed to meet his own particular needs, has much to commend it to any home planner whose space requirements are fairly modest.

The house divides itself into three areas disposed in the shape of an L . The dining and living room occupy one leg, the angle contains the kitchen and entry, and the other leg which is built on a slight grade contains a small studio downstairs and a bedroom above. The entrance is on a level between these two units. This disposition of the plan affords a number of interesting advantages. One is that the rooms have splendid light and through ventilation; another, that the area within the angle formed by the house becomes a relatively protected outdoor living space; another, the design of the house has more variety and importance than would be possible if the same area were planned as a compact cube.

Features of the design which stand out particularly are the large limestone chimney which provides two fireplaces indoors and one on the terrace, and the carefully designed sun controls expressed in the deep overhang of the roof on the southern side. As shown in two photographs of the living room taken at different times of the year, this feature effectively keeps the sun out during the summer but lets the winter sun come in.

Douglas fir plywood has been used throughout the interior. The exterior is redwood siding; the roofing is red cedar shingles. As with the stone masonry, all of these materials are handled with commendable frankness and, as always, the design is the more interesting and refreshing as a result.


The studio and bedroom unit with the entrance at left


A general view of the house from the south


Overhang shades living room in summer


Looking into the professor's book alcove

## SCALE IN FT.

| 0 | 5 | 10 | 15 | 20 |
| :--- | :--- | :--- | :--- | :--- |



The chimney with its outdoor fireplace projects to form a windbreak for the terrace
H. L. KAMPHOEFNER, OWNER AND ARCHITECT

# Cut your tres and 

 have them tooWar needs have created an unprecedented demand for forest products, which demand promises to continue unabated during the years of postwar construction. Because many of House \& Garden's readers ow'n property containing some acres of woodland, and because in the aggregate these holdings comprise an asset of potentially great value both to the owner and to the nation, we hope the following article, developed with the assistance of the U.S. Forest Service, will stimulate our readers' active participation in a much needed movement towards the conservation and planned management of the home woodlots.

- Especially in the part of the United States East of the Mississippi River, there are many millions of acres of woodland held in small parcels by the owners of farms and country homes. In some sections of this area the value of trees as a crop is recognized, and the practice of selective cutting and good forest management under the over-all direction of Farm Foresters is becoming fairly general. In other sections of this territory such management is the exception. The privately owned woodlot, which by some good fortune escaped desecration at the hands of some former owner, is very often allowed to grow wild because the owner believes that Nature's way is the best way and to permit cutting in his woods would be to spoil one of the scenic assets of the place.

This point needs clearing up because it involves the unintentional waste of huge quantities of always valuable, and today vitally needed, woods. The owner who says proudly that his woods have not been cut within the memory of living man would hardly boast if his garden had never been weeded, yet in this respect the garden and the woodlot are quite comparable. In his garden there are certain varieties, species of plants which he values. In order to increase their yield, to keep them healthy, he removes the undesirable weed plants. The average woodlot contains certain commercial varieties-oak, birch, beech, pine, or some other-which grow well locally and which are from every point of view desirable trees. If undesirable and commercially worthless weed species are cleared out and kept out, these trees will grow better and make more valuable timber.

Once the woods are in order, the mature trees can be taken out by occasional mild cutting at a profit to the owner, and the process repeated periodically, indefinitely. Such a woodlot is an asset from every standpoint.

In these times of critical shortages, especially of those woods which are relatively common to the East, owners of even small woodland holdings can do a service to the country as well as to themselves by starting a program which will make the mature trees available for war needs, put their woodland in a more healthy condition and increase the future yield of valuable species.

How to make a start at such a program? Get in touch with your County Agricultural Agent or Farm Forester, or write the U. S. Forest Service or your State Forestry officials for the name of the Forester nearest to you. One of these individuals will be able to look over your woodlot and tell you what the initial step should be. In most cases it will probably involve a "sanitation" cut, which means eliminating the weed species, and doing some essential cutting (Continued on page 118)


1. A typical forest of tall, straight white pine, valuable as timber and beautiful to see. The trees shown above could stand some thinning at this age. 2. Reforestation on a piece of State land, comprising spruce, larch and red pine. The stand of white pine and white birch on the distant hillside does not appear to contain much valuable timber but functions as essential water-shed protection. 3. Trees marked for cutting in a stand of mixed oaks. The cut in this stand will
amount to about 35 to 40 per cent of the present standing timber. Note the many unmarked, younger trees which will grow to better advantage when the older ones are removed. 4. On the farm of Morgan Wing, Esq., Millbrook, New York, is this plantation of white and Norway spruce about fourteen years old. It restores protective cover to a knoll that would otherwise have been subject to uncontrolled erosion. Thinnings will sell profitably as Christmas trees.
continued on next page


2

## Cut your trees and have them too continued



1. A copse of maple, beech and birch around the summer cabin of Mr. M. S. Graves, on his estate at Pittsfield, Mass. Mature trees near the end of their best growing age have been selected for cutting under the general guidance of the local Farm Forester. 2. A young white pine plantation 15 to 20 years old against a background of 70 to 80 year old trees. Due to dense shade, the older group has not seeded down; but as it is opened by partial cutting, reproduction will establish itself. 3. On an estate at Millbrook, New York, owned by Walter C. Teagle and Garrard Winston, is this stand of Norway spruce, another view of which is shown on the opposite page. 4. About 40 per cent of the merchantable, mature timber has been taken from this stand of mixed oaks. The young trees will grow better and faster because the large tree, represented by the stump, has been removed. This tree, incidentally, produced about 700 board feet of choice oak. 5. A typical untreated woodlot, over-ready for improvement cutting. A selective cut of 20 to 30 per cent should be made among the older trees. The poorly formed large oak in the back center should be removed to give more promising young trees a better chance. Inferior species should be thinned out in favor of oak, which in this area has a preferred market. 6. Salvage of this wind-thrown tree is good economy; it yielded about 350 board feet of lumber plus considerable firewood. The Farm Forester is computing the lumber content with the aid of woodsman's calipers. Because of rot, the lowest log, which should have been the best, is of no commercial value.


# Annuals- 

# star performers 

DOROTHY H. JENKINS

## DISCUSSES AN OUTDOOR

PLANTING SCHEDULE



Dwarf plants decorate the Plumlys' central pool

Beginning with sweet peas, sowings can be made until the Fourth of July to carry bloom of several favorites through the season, says this practical gardener, whose new book, "Annual Flowers from Seed Packet to Bouquet," has just appeared.

- Busy days of the last three winters have left little time to putter around with seed flats on sunny window sills. Tomatoes and celery and early lettuce have had priorities on space in the cold frame. Thus it has proved difficult if not well-nigh impossible to make any advance sowing of annual flower seeds. But we can still start them outdoors under the auspices of balmy wind, refreshing rain and warm soil and have a mag. nificent showing of annual flowers from early summer until frost. Dependable results boil down to good seed of well chosen varieties planted at the right time in well prepared soil. A sunny location is advantageous for most of them, either for prompt blossoming or an abundance of flowers.

Admittedly a half dozen or so slow maturing kinds will have to be purchased as young plants from the florist in Maystock, verbena, lobelia, lantana, salvia. But the rest, even lateblooming annuals such as snapdragons and petunias, can be raised directly from seed. Incidentally, petunia seeds planted in the open ground in mid-April last year surprised me by flowering on July 17 th. Long before that date, the first of other early spring plantings had started to flower.

Superstition decrees that sweet peas be planted on St. Patrick's Day or Good Friday, which this year allows two weeks for the timid to decide that seed really may be planted so early. Many gardeners along the East Coast and through the Middle Atlantic region have given up sweet peas as hopeless. Bracketed with them in recent years has been larkspur. Any semblance of success with either depends on unbelievably early planting.

Larkspur, even in the latitude of New York, must be planted during mid-March. This is not so difficult as it sounds, for the seed need only be broadcast where plants are wanted, and pressed into the soil with a rake. Scatter the seed over the snow if necessary, marking the area.

Larkspur seedlings will probably come up in bunches and need to be thinned to eight inches apart. But the extras are a waste of time for transplanting. In good soil with plenty of moisture and part shade from burning sun, larkspur will be flowering by Memorial Day. The Imperial Base Branching type produces foot-long spires of single or double flowers.

Sweet peas are more complicated. They naturally prefer a cool soil and a cool atmosphere. Heartening returns, even on hot and humid Long Island, have come from planting seed of the early flowering strains. These are either Spring Flowering Sweet Peas, obtainable by color, or Early Flowering Sweet Peas in named varieties of many shadings. None of them are the frilled and ruffled beauties such as seed of Giant Spencer varieties produce but they are undeniably sweet peas with three or four delicate blossoms fluttering on every stem.

I have planted Spring Flowering sweet peas as early as the last Sunday in March (Continued on page 128)


Norway spruce—planted about 1900-on the Millbrook, N. Y., estate of Walter C. Teagle and Garrard Winston.
A commercial grower might have thinned out alternate trees twenty years ago to produce larger stems.


Annuals in blue and gold flank steps in the Plumly garden

- In the heart of Philadelphia is the small, secluded garden of Mr. and Mrs. George Plumly. Its owners, at home all summer, have worked out a continuous succession of color from early Spring through October. Annuals start blooming with phlox Miss Lingard, Regal Lily, anthemis Moonlight and Chinese Larkspur, and are the mainstay of the garden up until hard frost. Varieties used are petunias Heavenly Blue, Salmon Supreme and a few Elks Pride for depth of color, marigolds Canary Bird, Yellow Pygmy, Burpee Gold Improved and Burpee Gold Imp, zinnias Daffodil, Spun Gold and the species Z. linearis. Plumbago (Ceratostigma plumbaginoides) and Aster frikarti add blue to the combination.
- Spring bloom, too, is gay, with Blue Boy pansies, Anchusa myosotidiflora, Blue Phlox and tulips in the borders and rock plants in dry wall and at pool edge. Beginning with variety Desert Gold, iris comes into bloom before the last tulips fade and overlaps later Oriental Poppies and flax. Roses breach the bloom gap between spring perennials and the annuals.


Garage serves as background at one side of pool-garden


Compactness keynotes the living area of "Juneberry Hill". A simple house, semi-attached garage and tool shed with adjoining fruit and vegetable plots, dooryard flower garden-all save steps and give added leisure in which to explore the surrounding acres. Porch and picture window on opposite (south) side of house take in broad view of fields and hills. Location of the house was largely determined by its proximity to the country road and by the existing trees. Compare with plan on the opposite page.

# A weekend garden 

THE RIGHT PLAN MAKES FOR EASY UPKEEP, SAY DESIGNER-OWNERS

Nelva M. Weber describes a country place she and her husband, architectural designer Joseph M. Sammataro, planned for two-days-a-week living. Fourth in a series presented by the N. Y. Chapter of the American Society of Landscape Architects.

- When we began our search for a piece of land in the country, our list of requirements seemed discouragingly long; we wanted the usual brook and view and, in addition, hills, good woodlands, interesting topography and a winding country road. We found them all in the Litchfield Hills of Connecticut on twenty-three acres that we named "Juneberry Hill". On this we wanted a simple house suitable for weekends and summer vacations, surrounded by a simple landscape development which included foundation planting, a few flowers, a small area of mowed lawn, a vegetable garden and a limited amount of fruit-all to take a minimum of maintenance.

The first problem was to locate the house. This was simplified by the fact that only three acres even approached a reasonably level state. A hardy farmer, some sixty years ago, had attempted to cultivate this land but no doubt decided it was too poor to be profitable, for we found it covered by shrubs and quick-growing trees with a natural hedgerow along the road. The road is one of the winding country type, unsuited to modern high-speed travel, so its proximity to the house is not objectionable. The short driveway was inexpensive to build and is accessible on snowy winter weekends.

The second problem was to orient the house. We wanted cool summer breezes, yet protection from the blustery winds of winter; sunshine for the cool of the morning and evening, yet comfort in the heat of midday. We wanted an open foreground for the house, yet enough large trees to provide a frame of green and a spot shaded from the noonday sun. Finally, we wanted good views.

So we placed the house in the fringe where woods meet abandoned field, setting the long axis of the house slightly off the east-west compass point. A few existing trees at the edge of the woods gave us a cool and shady forecourt for the north side; the woods at the back provided the desired sheltering screen from winter winds. The abandoned field south of the house became a broad meadow (Continued on page 124)


The house and its setting viewed from meadow to the south

# Potpourri of 

## gardening

MRS. FRANCIS KING, VETERAN GARDENER, GIVES US A GLIMPSE OF JUNE

To a host of garden books and articles Mrs. King now adds notes on the personalities of the roses, syringas and lilies that grace "Kingstree", her garden in South Hartford, N. Y.

- This morning I cut three Brownell roses in bud and in bloom, orangered in the bud and a most wonderful soft orange yellow in the flower, and put with them a few small scarlet lilies, from seed given me some years ago by Helen Morgenthau Fox. The sharp-petalled lilies were both upright and nodding. What brilliant pictures would ensue, I thought, if this rose and these lilies were grown together.

The Brownell roses are hardy as is known; this one is Golden Glowbut I have waited four or five years for flowers from the plant. True, it has not a very good situation, at the top of a stone wall, a cold spot in winter. The average climbing rose is not hardy here so we mound up the roots, and cover all stems with burlap, just in case. When this particular rose does flower, however, the work and delay of years are worth while. One rarely sees such a bloom. Foliage too seems free from enemies, and the leaf is stiff and rich in color. I have trained my plant along two bars of a sapling fence (in the little Fruit Garden where I have two apples, two
pears and two strawberries-alas, just that) and the effect is very bright, really dazzling, in mid-June. I cannot suggest a more fortunate companionship for the garden than the scarlet lilies two feet high growing in good groups below or near rose Golden Glow.

The French syringas (Lemoine's) are now at their best, also the ordinary Philadelphus coronarius, which has grown so thick and tall that we have begun to shear it in certain places into green hedges. This effect suggests dense green walls, though winter ice sometimes breaks through parts of it and we must wait for time to fill holes thus created. But the variety in habit of growth of the mockoranges or "seringas" as Horace Walpole calls them and the amazing difference in flower makes them fascinating for the collector. My number is small, but the varieties are good, since most of them came from Nancy, France. Many have grown into trees and as they stand now in sun, now in shade, the season of bloom is a long one.

Some of us remember how the delightful Constance Spry brought with her from England the idea of stripping syringa branches of their leaves, thus leaving long sprays of pure white flowers delicately set on the stem. But this is not new here, for years ago in Michigan one of my friends used the same method with a
result arrestingly beautiful. Time is of the essence in such doings, for it takes long and patient snipping to free the branches of flowers from all green.

Here the greatest contrast in flowers of this shrub is between Atlas with its huge flat flowers, and Avalanche with its warm yellow stamens, tiny florets in multitudes, and rich lemon scent. Fraicheur is most graceful, with the flowers well held out from arching branches; Bouquet Blanc is a favorite with actual bunches of white flowers at each terminal point, no leaves there to mar the whiteness; Elegance has a wonderfully graceful habit; Innocence is the most fragrant of all; Belle Etoile is truly starry in flower; and Candelabre and Albâtre are very distinct, both sheets of white when in flower.

But the common one, $P$. coronarius, is the one on which we dare to try the shears exulting in its complete change of form as we cut. Unlike these French syringas it makes tremendous yearly growth. Large plantings of it grow untidy in time, terribly thin underneath, nothing but twigs and stems. But how readily it accepts trimming. At the lower edge of the Paved Garden looking towards the mountain, are two walls of syringa; green with a high narrow opening between them through which is seen the (Cont'd on page 120)

Spacious effect and complete privacy are found in the garden of Dr. and Mrs. Roy M. Houghton. Central grass panel, bordered by perennial beds, stretches this $75^{\prime}$ by $120^{\prime}$ area to twice its size. Landscape architect Ernest Coe has hedged it with lilacs, backed it with dogwoods, willows, hemlocks.


- "I like to see a man proud of the place in which he lives. I like to see a man live so that his place will be proud of him."


## TEXT FOR BEDDING

The current shortage in bedding and the necessity of having longer beds for our taller generation must have hit housewives in Isaiah's time, too. One of the worthy prophets who went under that name, in the 20th verse of his 28 th chapter, complains, "For the bed is shorter than that a man can stretch himself on it: and the covering narrower than that he can wrap himself in it."

## PLACE NAMES

It is a pretty lean day when some Loving Reader doesn't add to our collection of unusual and picturesque place names. From a multitude of contributions we pick out three for this month: Crumps Bottom, W. Va., Dewyrose, Ga., Solid Comfort, Cal. Harlem, in addition to being part of New York City, is also echoed in towns as far apart as Georgia, Illinois and Montana.

## ENAMELED GREEN

Late April, and lawns here in the north will have their first clipping. The tender green that appears comes only then, tender and young and untrodden. It brings up those haunting lines of Milton-
O'er the smooth enamelled green,
Where no print of step hath been,
Follow me as I sing
And touch the warbled string; Under the shady roof Of branching elms star-proof Follow me.

## ROSE BUYING

Although the run on rose bushes last fall definitely reduced the number available for purchase this spring (one dealer began returning cheques by February 1) our American purchases of rose bushes are far below the English. In some parts of England and on the Continent, the annual planting of rose bushes has been reported to average nearly two per capita; in the United States it is only about , one-fifth of a rose bush.

## DOMESTIC SMOKES

One of the duties of the Russian housewife used to be to make her husband's cigarettes. Each morning at the breakfast table she would set up her machine, box of "guilze" and bag of tobacco and turn out the day's supply. Today that scene is being enacted in many American households, only, since more women than men are smoking, the day's supply must be doubled.

## SEEDSMEN CONTRIBUTE

Because they haven't blown their trumpets, not much has been heard of the American seedsmen's part in the great world drama.
Since March, 1941, American seedsmen have supplied 105 million pounds of vegetable and feld seeds for overseas shipment. During the twelve months ending July 1, 1944, WFA exported some 18 million pounds of vegetable seeds to thirty-one countries and territories. And just as a little, private gift, they depleted their own resources by some 300,000 pounds of garden vegetable varieties, sent in friendship's name to Russia.

## DOMINANCE OF BAY

Some herbs are gentle and unobtrusive when used in cooking: But the bay leaf is a bold, insistent, dominating fellow. Allowed too free a hand, he will submerge all delicate subtleties. When a recipe calls for "a bay leaf or two," stay your hand: be satisfied with $a$ bay leaf.

## TREE HUNGER

It is not generally known that trees do not grow on the Aleutian Islands; nevertheless, Attu boasts a scrawny little tree whose species cannot be identified. It seems the Engineering Department of the American troops stationed there built the tree so the boys would have one to look at.
If we are to believe surveyors of our forests, the same tree hunger will strike the next generation; unless, of course, we read the article on pages 76-79, developed with the aid of the U. S. Forest Service, and start now to save our forests, from neglect and over-cutting.


## FIRST WEEK

Soil preparation is paramount. To save aching muscles a section for early vegetables can be dug and raked first; the rest, any time before the end of the month for tomatoes and other May plantings. . . . Crucial time for seedlings: ventilate cold frame; check on damping-off; transplant seedlings with true leaves; make sowings in small pots of morning-glories, miniature dahlias, even pole limas, cucumbers, melons. . . . Spread commercial fertilizer on lawn when grass is dry to avoid burning; rake and roll. ... Prepare top soil and clear space for trees, shrubs and perennials that were ordered earlier in the year.

## SECOND WEEK

Time to plant hardy vegetables and annuals: seed of peas, onions, carrots, lettuce, beets, spinach, chard and radish can go in whenever soil is dry enough; for annual flower list, see Miss Jenkins' article, this issue. . . . Unbox shrubs, vines, fruit trees and bushes on arrival from nursery; plant immediately or heel them in until the weekend. Spring is best time to set out tender and touchy subjects like peach and magnolia trees. . . . When ground is too wet to make vegetable plantings, rock garden can be tended: plants can be uncovered, fed, thinned, and the scraggly ends cut back neatly.

## THIRD WEEK

A little cabbage plant encased in paper collar, tarpaper disc "skirt" and hotcap sou'wester may not be pretty, but at least it's well protected. Other plants that can be set out now are celery, cauliflower, lettuce and broccoli. . . . This busy week also sees the planting of potatoes, sowing of half-hardy vegetables and annuals. . . . De-mulching is in order throughout the garden. Peatmoss and other fine material can be cultivated into the topsoil; the rest put on the compost heap. . . . Now is the time to do the annual dividing of chrysanthemums and fall asters; other late-blooming perennials can be separated too.

## FOURTH WEEK

Seeds up: start weeding. A shallow, all-over stirring of soil in Victory garden and perennial borders as a once-a-week chore is much easier than a twice-a-month weed pulling. . . . Roses are uncovered and pruned, the debris burned to destroy fungous and canker disease organisms. This is the signal to start the spraying or dusting program, not only on roses, but on perennials, trees, shrubs and vegetables. . . . Comfortable lawn chairs are an inducement for lazy members of the family at least to write out plant labels and keep work records. Shabby furniture will need painting before transfer outdoors.

Sleep well - and yowl look well

Chatham makes good blankets
$+1$


Arrangement by Ann Hagan, New York

- Perfect accessories for smart entertaining! Crystal-clear Viking glass makes any party an event. It's great fun to discover new uses for these exciting pieces-to arrange fruit or flowers in this graceful bowl, or heap it with tempting popcorn. Put cake or sandwiches or special tidbits on the beautifully proportioned plate-complete your setting with tall tapers in those heavy, sparkling holders. What Spring bride could resist such lovely hand made glass, especially glass with the Viking label!



## HOUSEHOLD SHORT CUTS

Available items to help you cut cleaning corners, lighten your labors and protect your possessions.

Occasionally-used silver, jewelry, metallic dresses and dancing slippers can be kept bright and shining without polishing if wrapped in Silvebryte An-ti-Tarnish Tissues. This chemically treated, tarnishproof wrapping paper is a simple means of keeping polished metal gleaming, ready for use at any time. 24 sheets, $20^{\prime \prime} \times 30^{\prime \prime}$, cost 50 c. Economy package, 96 sheets in assorted sizes, includes an ample supply of large-sized sheets for wrapping bulky pieces. $\$ 2.00$ at B. Altman \& Company.

Eye glass tissues to clean and polish the finest lenses are the specially processed Ross Optical Lens Tissues. They remove all grease and dust from the most highly polished and delicate optical surfaces. Non-scratch, non-lint. Handy pocket packet for 35 c holds 100 sheets $3^{\prime \prime} \times 5^{\prime \prime}$, purse-size gift pack $3^{\prime \prime} \times 3^{1 / 2 \prime} 2^{\prime \prime}, 200$ sheets for 50 c . Also at B. Altman. For camera fans and professionals, a larger $4^{1} / 2^{\prime \prime} \times 5^{\prime \prime}$ sheet sells 300 for $\$ 1$, at camera shops.

Glass coffee makers, newly arrived, are sleekly streamlined. The Club Aluminum Company, makers of Club Glass, are bringing forth a brand-new, 8-cup, vacuum model with a ceramic filter rod. No bother with filter cloths
or springs. The lower bowl has a wide mouth for easy cleaning; a spout for easy pouring. This manufacturer advocates careful measurement of water by ounces, coffee by tablespoonfuls to get eight full 5 -ounce cups of brewed coffee. To take the guess-work out of coffee-brewing, an instruction sheet included with each maker tables the right quantities for making four to eight cups of tea or coffee allowing for a normal loss of water through evaporation and absorption. At Gimbel's for $\$ 2.95$.

The Cory All-Glass Coffee Brewer, newly designed eight-cupper, has a onepiece, patented, glass filter rod. Widemouthed bowls are hand-decorated with silver bands; the lower with pouring spout and hinged decanter coverhandsome enough to go from stove to table. Safety stand for upper bowl, accurate coffee measure are included. Your choice of ivory trim $\$ 4.25$, or black, $\$ 4.80$. At Macy's.

The secret of getting a good clear brew from either of these easy-to-clean models, sans filter cloths or metal, is the use of a moderate flame. High heat jiggles the filter rods and may permit coffee grounds to trickle through.

Sweep up polished floors, linoleums
(Continued on page 90)


The Cigarette of Diatichition
Roes ... hamentaque... and lavish, luxurious Narlboros! So much more smoking pleasure ...merely an extra penny ar two!

Enjoy this treat known to Europeans for centuries


## delKuyper

CORDIALS

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 covering a treat known to Europeans for many, many years...famous de Kuyper Cordials. A de Kuyper Blackberry Cordial after dinner, for example, adds an inexpensive touch of luxury to any menu. And with twelve de Kuyper varieties to choose from, any guest's preference can be indulged. What's more, many a host today is learning to his delight that really delicious mixed drinks and cocktails can be made with these liqueurs. ${ }^{*}$ For the past ten years, de Kuyper Cordials have been made in America by Dutch experts, identically as they were in Holland for centuries.

WHEN YOU THINK OF CORDIALS THINK OF de Kuyper
 for free recipe booklet

## HOUSEHOLD SHORT CUTS

Continued from page 88
with a squeegee sponge, two-in-one broom and mop. The long-handled, self-wringing Bates Broom Mop has an 11 " latex sponge that sweeps and cleans without scattering dust. Use it dry to sweep; moist-dry to pick up dust, erase dirt, brighten rugs and carpets. For hardier cleaning of soiled floors and walls, use soap and very little water. No stooping, no wringing, no waterlogged hands. It's easy to care for-just flush out the sponge, hang up to dry. $\$ 1.95$ complete, 50 c for refills. At Lewis \& Conger.

Brass, nickel, copper can be buffed to its original brilliance with Norma Metal Polish. It dissolves the tarnish, polishes to a luster and leaves an invisible protective film that retards further tarnishing. A new addition to a fine line of cleaning products. 50 c for a 16 oz . bottle, at Lewis \& Conger.

A spot remover that leaves no rings merits a special place on the shelves of your cleaning closet. Afta is such a one. It takes out grease spots from fabrics, we know because we've tried it. And the maker recommends it for cleaning leather, freshening up suede, and claims it's safe to use on pile fabrics without matting, on glazed chintz without removing the finish. It works well on sheer materials as well. Try it for removing tar, paint or grease spots on
rugs and upholstery.
Fur cleaning is another claim for i -after removing dust, go over fur witl a cloth well moistened with Afta, pay ing particular attention to badly soile parts: collars, cuffs. Comb, brush and hang fur up to dry, away from any di rect heat. A pint can is 80 c at Ham macher Schlemmer.

Slice meat, what you can get of i without waste on an all-metal, rotar slicing machine, household size. Cut meat including bacon rind, bread cheese, vegetables and fruit to any de sired thickness. Stainproof-steel blad is tempered, with a long-lasting kee cutting edge. In ivory-colored enamel red trim, $131 / 4^{\prime \prime}$ long, $9^{\prime \prime}$ wide. Th General Slicer, back at Hammacher' after a year's absence is $\$ 7.95$.

Parchment paper plays many a help ful role in the kitchen these days. Us it to preserve the food you do get; t keep it fresh longer. Use it to sav time, fuel and flavor. Cook differen vegetables, wrapped separately, in the same utensil. Use it to save dishwash ing; line trays when making sherbets ice cream. Use it to wrap locker-store food. A 525 ft . roll costs $\$ 1.95$ post paid. 50 c more includes a trim white enamel shelf. Add 50 c west of the Mis sissippi. Win-Par Paper Products, 1 Hathaway St., Boston 10, Mass.



The exquisite design and superb craftsmanship of "Sterling by Frank M. Whiting \& Company" has been favored by hostesses of discernment and discrimination for generations. Developed in solid silver, as are all Frank M. Whiting \& Company creations, these glorious examples of the silversmith's art are as distinguished in conception as in execution. We shall be glad to send you, on request, booklets illustrating and describing these patterns and the name of the nearest jeweler displaying them.

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Illustrated at the right is Lily . . . lush with an intricate filigres of long, slonder stoms, gently fluted potals and gorgeous blossoms.

## Look what the

 VIGOR BEAUTY TREATMENT
## can do for your

## flowers!

Flowers fed Vigoro bloom to their full peak of lovellness. This amazing plant food helps bring them to a perfecdion of size, symmetry, color and fragrance.

That's because Vigoro is a complete plant food. It supplies not just a few but all the essential food elements growing things need from the soil. Gets resuits that incomplete plant foods cant match because Vigoro's extra elements mean extra beauty extra health for your flowers.

Feed everything you grow Vigoro. It's a real beauty treatment for your lawns, flowers, trees and shrubs. Get Vigoro the complete plant food today.


Get a greater crop of health from your vegetable garden! Carefully controlled growing tests have conclusively proved that vegetables are produced in vastly greater abundance when fed Vigoro. That's because Vigoro is a complete plant food. Feed Vigoro regularly. Get it now.
food. Feed Vigoro regular. 25 lbs ; $10 \mathrm{lbs}, 5 \mathrm{lbs}$, and 1 lb . comes in bags to directions.
Feed according to direction

## BOOK REVIEWS

TRANSPLANTING OF TREES AND SHRUBS in the Northeastern and North Central United States. Prepared for U. S. Army Camouflage Branch Engineer Board by the National Shade Tree Conference and National Arborist Association, September 1943; 76 pages; 35 cents.
Out of the Army's camouflage work has grown this useful booklet prepared by professional tree men.
"Landscape and camouflage on military posts, reservations, and as a part of a plan in the development of wartime industries, can serve as an ellmint of immediate protection against enemy destruction and furnish a landscape effect of intrinsic value for tutare years," the foreword explains. "Planning must consider the futur of the men in our Armed Forces. Rehabilitation will be necessary. Surroundings should be made as livable and as beautiful as possible. Planting should be such that its protective and aesthetic values will increase in the years to come.
"This increase in values is dependent upon the selection of proper plants, correct planting practices and adequate maintenance for successful recovery and growth of the plants. Planting programs in charge of men with technical training and experience will accomplish the best results. Such a procedure will not always be possible. Consequently, it is advisable that a
publication containing specific inf mation relative to planting practices made available to those who will ha charge of such work."

Planting instructions start lo cally with the selection of plants, car through soil preparation, planting op ations, and maintenance. Under d ging operations are separate sections moving plants with bare root, with ball of soil up to $18^{\prime \prime}$, from $18^{\prime \prime}$ to and on big tree moving. Some twer sketches and photographs and see lists and tables supplement the text

This bulletin describes in straig forward terms the best methods th have evolved from years of profession practice. The layman who plans transplant or set out trees and shru will save himself a lot of trouble-a probably money as well-by consulti this useful bulletin. A copy may be tained from L. C. Chadwick, Depa ment of Horticulture, Ohio State U versity, Columbus, 10 .

THE CORNELL PLANTATIONS, a quart published by Cornell Universi Ithaca, N. Y., 16 pages.
The Cornell Plantations are much mc than an arboretum and a botanic $g$, den. In the first issue of a new C nell publication, which takes its ti from the project, Bristow Adams, editor, explains that the enterprise Cornell University was first known (Continued on page 106)


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M ANY fine homes and estates owe their quiet seclusion and peaceful security to an Anchor Chain Link Fence. Anchor Fences give you day and night protection against trespassers, short-cut seekers, picnickers and animals that deface your lawns and shrubbery. Built for strength and permanence, Anchor Fences are held erect by exclusive, deep-driven "anchors,"
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## Here's undeniable PROOF that vegetables grow more

GET GREATER YIELDS . . . FINER FLAVOR, TOO . . . WITH THIS COMPLETE PLANT FOOD!


Besides helping produce a greater yield, Vigoro, the complete plant food, can help you have better tasting vegetables . . . help all your vegetables mature to their peak of mouth-watering goodness. Here's why-
Vigoro is a real square meal for plants. It supplies-not just three or four-but all the elements growing things need from the soil. Help yourself to a finer vegetable garden this year. Be sure with Vigoro. Buy it now!

## Carefully controlled growing tests show amazing results!

Gardening need not bea game of chance. Here are indisputable facts showing the amazing results that VIGORO produces. This complete plant food when fed to vegetables produced on the average for all crops $252 \%$ greater yields-nutrition packed beans, tomatoes, chard, carrots, lettuce, beets, cabbage, turnips!

Two groups of vegetables were grown under identical conditions except that one group was fed Vigoro and the other group unfed. The results? The vegetables that had been fed Vigoro greatly out-produced the unfed group!

Now, these attested facts mean but one thing to you. Vigoro can help you produce a bigger crop of vegetables . . . a better crop of vegetables. Get Vigoro, the complete plant food, from your garden supply dealer today!

| $T$ | $H$ | $E$ | $A$ | $R$ | $I$ | $S$ | $T$ | $O$ | $C$ | $R$ | $A$ | $T$ | $O$ | $F$ | $B$ | $O$ | $N$ | $D$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |



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Like a welcome greeting, the warmth and bospitality of KENTUCKY TAVERN have been cherished for almost three quarters of a century. Just as its quality and character have been jealously guarded by the same Kentucky family for that same period.
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You want a new kitchen. A better kitchen. Where everything really works together to save you steps, time, energy. A cool, clean, 1500 hours a year-and like it!


Here it is! One of the most helpful schemes ever conceived for busy housewives . . . backed by the entire Gas industry! We're planning new-type kitchens-so beautifully thought-out for more leisure, more convenience . . . so contrived to cut down on fatigue, dirt, heat - even unwanted kitchen odors - that they're called "New Freedom Gas Kitchens"*! Everybody's getting together . . . kitchen cabinet people, home economics experts, Gas refrigerator and Gas range makers-yes, even housewives. So that, come peacetime, dozens of ideas on "New Freedom Gas Kitchens" will be waiting for you - ready for new home or old...for big family or little...for pocketbooks, large or small!

lew freedom...new convenience for every woman who cooks
These "New Freedom Gas Kitchens" - economical, trouble-free, completely modern - will be built around three major work areas:

1. your refrigeration and preparation center-featuring a wonderful Gas refrigerator-silent, economical, roomier than ever! 2. YOUR COOKING CENTER -featuring a miraculous new
Gas range that includes every new discovery to make cooking easier, faster, better. Whatever "make" you buy, look for the Certified Performance seal...your guide to the very finest in modern appliances. 3. YOUR "CLEAN-UP" CENTER - featuring oceans of hot water for automatically supplied by clean, economical Gas! Start planning your "New Freedom Gas Kitchen" today!

## How to plan your beautiful roon ... starting from the floor

Now is the time to plan. This living-and-dining room was all worked out on paper first. See how it was done in the plan below. You can do the same kind of planning and achieve the same results with the Bigelow booklets offered below. They make room planning a fascinating game and you're sure to be the winner... by creating a charming room!

When the happy day come that you can make your plar realities, start your room with beautiful Bigelow rug or carpe After war work is done, Bigelo Weavers promise you wonde ful patterns, fascinating texture lovely colors in long-wearing rus and carpets. You will find the at your Bigelow Dealer, marke by the blue and gold label.

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curtains, dining chairs
5. Silk taffeta for upholstered chairs, tablecloth
6. View of piano group
7. Paint for sideboard,
chair, table
8. Chintz for sofa, big chairs
9. View of sofa group

(7) -

THUMBNAIL DECORATOR and ROOM PLANNER
Two Big New Booklets give you all the basic decorating rules, plus diagrams, furniture cut-outs, plan paper. soth yor only 25c. Send coin or stamps to Bigelow Weavers, Dept. HG-45, 140 Madison Ave., New York 16.


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Copr. 1945, Bigelow-Sanford Carpet Co., Inc.

APRIL, 1945

## CALIFORNIA WINES

Philip R. Wagner, Wine Editor of the Baltimore Sun, tells of a milestone in their development

W$\mathrm{V}^{\mathrm{E}}$ all know that the wines of California have improved immeasur ably during the past decade. During the years immediately following the repeal of Prohibition, that agricultural industry which is called wine-growing was in a state of great but understandable confusion. The impulse to grow and market the best wines possible was submerged beneath a generation of frustration and bitterness. There was a rush to market young wine, bad wine, any kind of wine in order to meet the sudden new demand.

But before many years had passed, the business of wine-growing began to shake down. In particular, rigid standards of purity were established. And those whose ambition was to grow and make fine wines, rather than mere wines, began to reemerge. Now, even under conditions of wartime shortage, one may buy American wines with the confidence that they will be good and a very fair prospect that they will be considerably better than good.

Yet, in spite of this quite sensaional improvement, California still falls somewhat short of its possibilities as a great wine-growing region. And the nature of that defect is perhaps best illustrated by reference
to wine-growing in Europe

## Trial and error

In Europe, wine-growing is a very ancient art. The Phoenicians had introduced wine grapes into the Rhone Valley before the people of Italy had any right to call themselves civilized. Wines were being grown in the Bordeaux district when Gaul was still only a Roman province; and readers of Gibbon will perhaps remember his references to the efforts, by certain Emperors, to forbid the growing of wine in Gaul because of the devastating competition which same of these wines offered to the wine-growers of Italy.

In the course of the long centuries, the wine-growing possibilities of Western Europe were discovered by a slow process of trial and error. Thus it was found, only after centuries of experiment, that the grape called Pinot Noir yielded a wine of astonishing excellence in that limited part of Burgundy known as the Côte d'Or. Other grapes yielded good wine in Burgundy (and these varieties are still to be found in some of the less famous vineyards) but none so good as Pinot Noir. And(Continued on page 98)

 Rico's tropical brilliance for you, and it's labelled Ron Merito. This excellent rum is distilled in a remote Puerto Rican mountain valley. The climate factors there...sun, soil, water and air...are perfect for rum distilling. As a result, Ron Merito has a distinct flavor personality. See how much better tasting it makes your rum collins, cuba libre or daiquiri. Then try an old-fashioned, a sour or a manhattan made with Ron Merito! Delicious! Its versatility is quite amazing! Next time you order rum, be sure to say "Ron Merito."

## Ron MeriTo <br> RICAN MOUNTAIN RUM

Available Gold Labeel \& White Label. 86 Proof. Write for booklet. Natl. Distillers Prod. Corp., Dept. H18, Box 12 , Wall St. Sta., N.Y.

## 




Here's a tip to dreamers of today: Take a look at Rugs by KLEARFLAX before you furnish your dream home! Get acquainted with the floor coverings leading decorators are featuring in pacesetting modern homes. Attuned to today's cheerful living . . . today's tastes . . . today's tempo . . . Rugs by KLEARFLAX are of exclusive virgin flax construction which makes them moth-proof and practically burnproof. They're reversible and much easier to clean... And they're priced to fit the most modest budget.

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## 

## CALIFORNIA WINES

Continued from page 97

this is the point-nowhere else in France does Pinot Noir yield such good wine as in Burgundy. That is the one area which suits it best and which it suits best.

Similarly in the area around Bordeaux the grape called Cabernet Sauvignon was found to be perfectly adapted; and the same goes for the grape called Riesling in the Valley of the Rhine and its tributaries, for the Gamay in Beaujolais, for the Semillon and Sauvignon Blanc in the Sauternes area, for the Nebbiolo in north ern Italy, and for many others in less famous regions.

Progress in such adaptation was slow because, in the production of wine, several factors contribute to the result. The first is the variety of grape from which the wine is made. The second is the set of conditions (temperature, rainfall, frost dates) under which it grows. Another is the character of the soil. Still another is the actual technique of making the wine, which varies from district to district.

Only rarely, and in limited regions, do all these conditions combine to produce a wine of really great distinction. And it took centuries in Europe to discover just where, and how, these conditions could be combined.

California as a wine-growing
region is still relatively young, $f$ though the first wines were made California about a century ago it w not until a good many years later the wine-growing became a serious ente prise. Thus, in the intricate matter combining grape varieties, climate, so and wine-making technique, Californi is only now beginning to find itsel Though in Europe no one would drear of planting the Pinot Noir on th shores of the Mediterranean or of try ing to produce a white wine with th characteristics of hock in the Rhon Valley, or of making port in the Chan pagne region, just such efforts are eve now being made in California.

Areas which should be content wit large yields per acre of bulk wines ar seriously trying to produce wine "vintage" quality. Ports and sherrie are produced from one end of the Stat to another. Grapes suited only to th production of bulk wines are bein grown on relatively infertile hillside where high production cannot possibl be attained. Not until California sort itself out, in a viticultural sense-no until the varied districts of Californi determine what wines they are bes adapted to and limit themselves to the production of them-will the Stat achieve its full promise as a wine growing district.
(Continued on page 100)

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Cabin Crafts Needletufted Bedspread, all-season, dress-up coverlet. Professional decorators choose Cabin Crafts Bedspreads for their authenticity; practical home-makers for their beauty, usefulness, stamina. Our craftsmen are now making parachutes, airplane motor covers and other war goods exclusively, but when military restrictions permit, you will again find Cabin Crafts Needletufted Bedspreads, in a wide variety of patterns and colors, at leading department stores.

## Cabin Crafts

## CALIFORNIA WINES

Continued from page 98

Fortunately there is a prospect that the process which took so many centuries in Europe will be considerably foreshortened in California. For Europe, during those long centuries, lacked the advantage of systematic, large scale investigation. And very recently, in California, a great investigation looking to the adaptation of the right wine grapes to the right parts of California has been concluded. The report on this investigation has been published under the forbidding title, "Composition and Quality of Musts and Wines of California Grapes," in the Hilgardia series of the California Agricu'tural Experiment Station. (The results are also summarized in Experiment Station Circular No. 356, for popular distribution.) Its authors are M. A. Amerine (now examining the grapes of southeast Asia in such spare time as an Army officer has in that busy theatre), and A. J. Winkler, who for the time being is continuing the work alone.

In the course of their investigation, which covered nearly a decade, these two investigators recorded more than 15,000 tastings-an achievement which must command the respect of the most persistent amateur wine bibber.

On the basis of their tastings, they reached definite conclusions regarding the adaptability or non-adaptability of
hundreds of grape varieties to the varying conditions of California soil and climate.

Their method, like that of most great agricultural investigations, was simple but laborious. They divided California into a series of regions, based primatrily on the sum of temperature during the growing season, but with some attention also to the character of the soil. (It is not realized that the character of the soil, provided it be of average fertility, is far less important than climate and grape variety in determining the character of a wine.)

In each of these districts grapes of many varieties were grown and harvested and made into five-gallon batches of wine. Some of the grapes were grown in vineyards maintained by the State. Many more were grown in the vineyards of cooperating grape growers. It was not possible to test each variety in every district. But, in a general way that is what was done.

To illustrate their diligence, let us consider the Spanish wine grape which is called Valdepeñas. Between September 25, 1935, and October 10, 1941, these busy scientific wine makers harvested and made wine of no less than 54 batches of Valdepeñas (Continued on page 102)


DANCE OF GOLDEN LIGHT
On many a postwar table there'll be a dance of golden light. Light reflected from exquisite golden-hued Dirilyte knives, forks, spoons and dishes. This wonderful metal is hard as steel, scratch-resistant, and non-corrosive. It is solid, not plated, yet will cost no more than good plate. Send 15 c for the new fullcolor booklet; "How To Set A Beautiful Table With Goldenhued Dirilyte" and make your plans!

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of maple furniture in authentic Colonial design, by Willett. A limited number of suites for the bedroom, living room and dining room may be seen at better stores.

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Crawford has been building fine quality, well-designed, dependable Upward-Acting Garage Doors for over 15 years. More than 150,000 in daily use. Again available when Crawford changes back from production of precision aircraft parts. Crawford Door Company, 401 St. Jean Ave., Detroit 14, Michigan.

Crawford's new book is full of good ideas and information on
"HOW TO PLAN YOUR GARAGE."
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## CALIFORNIA WINES

Continued from page 100

grapes, from all parts of the State, tested them for their sugar and acidity and other relevant characteristics, made wine of them, tasted the wine at various stages of aging, and kept careful notes on what scientific wine-makers call "organoleptic factors."

What did they find out about the Valdepeñas grape? This variety makes wine of very good quality in its home area, which is east central Spain; and it had been thought that the Valdepeñas grape, planted in the hot interior valleys of California, would combine large crops with the production of wine of higher quality than those districts usually produce. The investigators found that the Valdepeñas did not live up to its promise in any part of California. Its wines were "clean, average quality, red table wines"; but it was almost always deficient in that acidity which makes for freshness and flavor. In an area primarily adapted to the production of bulk red wines-what the French call ordinaire and the Californians prefer to call "standard"other grapes yielded wine that was just as good, and far more of it per acre.

What they did for the Valdepeñas they did for many hundreds of other varieties: the Aligoté, one of the lesser grapes of the Champagne region; the Chenin Blanc, of which Vouvray is made in France; the Gewürz Traminer,
which gives such luscious wines in Alsace; the Freisa, from the Piedmont of Italy; the Mathiasz y-ne, from Hungary; the Malbec, a red wine grape of great antiquity in France and the source of much good French wine, and so on.

Gradually the shape of what may well be the future viticulture of California began to emerge: the best grapes, and the best locations, for the production of really distinctive wines, and the grapes best adapted to the production of those ordinary red and white wines which comprise so great a part of any wine district's production.

In consequence of their recommendations, grape growers and potential grape growers no longer need to rely on hunches, the advice (not always disinterested) of commercial nursery men, the suggestions (not always wise) of neighbors, when they plant a vine yard in California. By following the recommendations of these investigator they may determine their plantings with every assurance of getting the best results from their particular lo cation.

## Bright outlook

From the standpoint of the consumer whose interest in wine doesn't go very (Continued on page 104)

## How to stop TERMITES!

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In some sections 4 out of 5 homes are being attacked by termites . . . possibly yours! But you may not know it . . . because termites wreak their costly damage secretly inside wood.
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Where do all the jests come from . . .tales about returning from your vacation TO REST? It's a safe bet they have no connection with a Vermont outing. It has been said that Vermont is not a State . . . that it is a way of life. And therein lies the fabulous secret that may guide you and your family to a superlative holiday . . . to a rest that refreshes, a vacation that restores.

Even for the young and active . . . those who will enjoy the endless variety of uncrowded sports that abound in Vermont . . . the emphasis is truly on rest. Climate, hospitality, the relaxing freshness and beauty of the countryside all conspire to take one away from the scenes and influences that disrupt composure and frazzle nerves. Enriching new experiences, in exploring nature's scenic jewel-case, in "living off the
land" in the rural home of garden and dairy plenty . . . in finding the hospitality that stems from knowing the serenity of wholesome country life . . . can so easily be yours.

Best of all, a wartime vacation in the Green Mountains uses but a minimum of critical transportation. Your vacationland is nearby, and reached by bus, train or plane on the less-crowded north-south routes. Plan to avoid holiday and week-end travel.

FREE VACATION BOOKS. "Unspoiled Vermont," a pictorial feast of Vermont vacation spots, will help you plan your uncrowded vacation of 1945. If your thoughts turn to a summer home of your own, you may also ask for Farm and Summer Home book telling of opportunities for summer or year-'round resident-ownership.

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- To avoid substitutes-look for the Circle Tread design and the name oZITE in every yard of cushion.


## CALIFORNIA

## WINES

Continued from page 102
far behind the bottle it comes in, what does all this mean? It means that, as California's vineyards are gradually replanted in accordance with those recommendations, he can look forward to consistently better wine. If it is inexpensive wine that he buys, its qualty should be substantially better than at present, because it is made from grapes that have been more closely adapted to the conditions under which they grow. If it is wine of finer quality that he buys, it will begin to conform more closely to certain recognizable standards of character as well as of purity.

As time goes on, for example, we may expect substantially more white wine from California made from the Chardonnay, that grape which makes such superb white wine in the Burgundy and Beaujolais regions of France. The wine which is made from it in California will by no means be identical with the white Burgundies and Pouillys of France; it will have a character of its own which will more and more be identified with California white wine at its best.

Likewise with the fine red wines. We are going to hear much more of the grape (and wine) called Cabernet, for it is ideally adapted to certain California regions. But the Cabernet wine of California will have a cachet distinguishing it from the red wines of Bordeaux-more body, more fullness, a rich bouquet, and less of that quality which the French call by the word race.

Several dozen other grapes passed the strict tests of the investigators; and in time the wines they produce will become familiar to those who are attentive to the characteristics of the wine they drink. When a Frenchman chooses among (let us say) a Côte Rotie, a Chino and a Pomerol, or (if he is thinking of whites) an Anjou, a Pouilly and a Monbazillac, he has in mind certain definite and distinctive traits. Similarly the time will comeand this elaborate investigation will speed its coming-when the winedrinker can choose with confidence among wines from California which have equally well-defined and predictabe characteristics. Whether it turns out that those wines are known by grape names, by geographical names, by combinations of the two, or by cartes de fantaisie is really not too important.

## SORRY WE'RE LATE

the war is taxing trans. PORTATION FACILITIES TO THE LIMIT AND UNDOUBTEDLY THERE WILL BE DELAYS IN THE DELIVERY OF YOUR COPY OF HOUSE \& GARDEN. WE REGRET THE IN. CONVENIENCE, BUT THIS IS A MATTER BEYOND OUR CONTROL.


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## MR. AND MRS. TED GARRETT MEET AMAZING NEW G-E ELECTRIC WORK-SAVERS !



We've just seen the most amazing thing!" say Irs. Garrett of New York City, after a preview of eneral Electric's postwar All-Electric Kitchen. G. E. has a new completely automatic Dishwasher hich washes and dries a whole day's dishes in only few minutes! Honestly, it's a dream! And it's


This is the Disposall. A self-cleaning electrical rain that fits into almost any kitchen sink. Just crape the food waste off the plates and down he Disposall, turn the cover-whirr! It's gone!


Put in dishes, silver, glass, turn a handle, that's hat. Go to the movies, walk the baby. Everything vill be automatically washed sparkling clean, rinsed horoughly, dried to a high sparkle . . . much, much leaner shan by human hand!
teamed up with the G-E Disposall which disposes of garbage electrically! Of course, you'll be able to buy the G-E Dishwasher and G-E Disposall sep-arately-after the war. And together they do the time-saving, work-saving jobs which every woman wants most!

"Think of what that means! A completely sanitary kitchen at last! No more garbage cans. And no more stormy-weather trips to the backyard with a load of drippy garbage.

"Imagine an electrical appliance that shreds and flushes away food waste in a flash! Why, even bones disappear down the new G-E Disposall-just like magic! You just can't believe it until you see it right before your eyes!

"This is the new G-E Dishwasher which cuts dishwashing time in three! Small families will wash dishes only once a day, because the automatic G-E Dishwasher will hold a day's dishes at one time!

"The lucky people who got G-E Dishwashers before the war say their dish-breakage has gone down to almost zero. And think of it-no more hands in dishwater! Yes, the one thing I want most after the war, is a G-E Electric Sink!"

## Dishwasher AND Disposall

For the complete table-to-shelf dish job!

## GENERAL 3 ) ELECTRIC

TUNE IN: "The G-E House Party," every afternoon, Monday through Friday, 4 p. m., E.IV.T., CBS. "The G-E All-Girl Orchestra," Sunday, 10 p. m., E.W.T., NBC. "The World Today," news, Monday through Friday, 6:45 p. m., E.W.T., CBS.
FOR VICTORY - BUY AND HOLD WAR BONDS

## BOOK REVIEWS

Continued from page 92

## Your Martinis are really something- 

> made with the one and only Vermouth by Dubonnet




STRIPE
LABEL BOTTLE

Sweef or Dry
an arboretum but was retermed "plantations" to embrace not only trees and shrubs but "all things that grow"

Just as the scope of the project takes in more than trees and shrubs, its value is expected to reach far beyond Cayuga's waters. "To the plantation will come from all parts of the world peaceful pilgrimages made up of the friends of things that grow", Professor Adams foresees, and the new publication reflects this attitude. It is addressed not only to associates and alumni of Cornell but to all students of plants and nature.

The first number of the quarterly (Volume 1, Number 1, Autumn 1944) contains an article on "ten early flowering plants important in New York landscapes" by Ralph W. Curtis, acting chairman of the Plantations' administrative committee and one of the country's foremost authorities on woody or namental plants, an historical sketch of the Plantations by R. S. Hosmer, and suggestions on "opportunities for cooperative research" by L. G. Cox and L. F. Randolph.

In the Winter number Elsa Guerdrum Allen writes about birds on the Cornell Plantations, Mr. Adams describes two botanic gardens in South Africa and Java, E. Laurence Palmer presents the Plantations as a natural laboratory, and Dr. Curtis continues his shrub article.

Liberty Hyde Bailey, chairman of the policy committee, expresses with his usual charming enthusiasm the scope and value of The Cornell Plantations:
"It is a project set up by the friends of things that grow, to unify into one organic whole a series of enterprises that are based on the land. It includes the systematic observation and study at Cornell of wild, of economic and of ornamental plants, of trees, of wildlife, and of other forms of nature. And, with such study as a basis, it also includes research in the development of better forms of plants and of animals, and in the devising of ways of handling all of them for the wider service of man. . . . Every department of teaching and research may have part in the program. There should be one united enterprise and one picture."

## PAPER CHASE

We know you save your daily and weekly newspapers for salvage. We know you use a shopping bag and carry packages unwrapped whenever possible. We know you return cardboard laundry boxes, egg boxes and such so they can be used again. But have you gone through the house recently on a paper:salvage hunt?

What about those cardboard dressboxes, those back numbers of magazines, those piles of receipted bills and answered letters? Pile them all on the salvage heap and send them off to active
 your ALVIN STERLING now . .
those precious moments together knowing that it will last a lifetime enriched and mellowed by lingering intimate memories.

These distinctive designs have been specially selected for wartime produc tion, because of their great popularity and enduring charm. Their continuance postwar is assured.

Complete six-piece place settings as listed below are available for use now . all other desirable items when peace comes
TEASPOON SALAD FORK LUNCHEON KNIFE CREAM SOUP SPOON LUNCHEON FORK BUTTER SPREADER

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## For more cheerful, more interesting rooms . . .

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Cheerfulness goes hand in hand with daylight and outdoor beauty. And so, why not plan your new postwar home . . . or the remodeling of your present home . . . to bring in the daylight and make the most of outdoor views? "Open" your rooms to both-with glass. In some climates, large windows have presented a problem of heat loss on coldest days. That problem has been answered by Libbey* Owens-Ford's new Thermopane, the windowpane that insulates.

Thermopane is not a type of window-but an insulating windowpane that allows you to enjoy the charm of bigger windows with comfort and heat savings you'd never imagine possible in cold weather. In your windows, Thermopane looks like regular glassbut what a difference it makes!
Thermopane is described briefly at the right. But if you intend to remodel or build a home when restrictions are lifted, you'll want a copy of our illustrated Thermopane book. It's packed with information that you, your architect and your builder can use to bring extra cheer, extra beauty and extra comfort to many rooms in your home. Write for your copy to Libbey-Owens-Ford Glass Company, 345 Nicholas Building, Toledo 3, Ohio.


LIBBEY•OWENS•FORD a great Name in GLASS


## It's a matfer of GOOD TASTE!

## The right tie . . . the right shirt .

 the right suit. Smart man! Naturally he appreciates the finer flavor that has made Don $Q$ the favorite qual-ity rum of Puerto Rico.<br>You'll like it, too! It's a matter of good taste! 86 PROOF

## QUICK CANAPES

$\mathrm{T}^{\mathrm{HE}}$ canapé tray, like every other part pinch of shortages. Here is a series of suggestions for appetizers which require no points, and have all the savor of fugitive cheese and meat. For nonrationed tang, cut off the ends of French petits pains. Hollow the rolls, being very careful not to crack the outer shells. Beat up pâté (or liverwurst if this cannot be procured), with brandy and garlic. Stuff the empty shells with this filling. Put them in the ice-box for three hours, and cut into thin slices before serving.

A delicious ring with which to charm your guests, can be achieved by arranging small pieces of raw cauliflower around the edges of a circular dish, with a bowl of sauce in the middle, into which the cauliflower can be dipped. The sauce can be made by mixing mayonnaise, chili, curry powder, Worcestershire, and chives. If chives are not available, shallots or the tops of young green onions may be used as a substitute.

Pulp of avocado provides the base. for an inviting five o'clock flourish. Mash it into a fine paste with lemon and onion juice. Serve it in a bowl and dip potato chips into it.

A spread which takes canapés out of a culinary rut can be made by mixing cream cheese and beef extract. This is particularly good when served on toast fried in margarine, and cut into small squares.

The triscuit can be made into a tempting morsel by enlivening it with a dash of garlic salt and heating.

Sandwiches for cocktail time should never be bitsy. Give them bite by spreading bread with mayonnaise and a layer of radishes, sliced very thin. The gourmet's touch finds further expression in a paste of finely chopped raw mushrooms mixed with mayonnaise. Seasor to taste.

You remember with nostalgia the toothpick spearing a stuffed olive and a cube of cheese. A variation of this war casualty consists of an anchovy and a cocktail onion, speared by a toothpick.

In conclusion, here are two tricks of presentation which give additional verve to any offering for wartime cocktail parties.

First take Spam, which is felicitously still on the non-rationed list. Cut it up into tiny pieces. Fry them and put them on the ends of toothpicks. Then take a large apple and stick the toothpicks into it.

Or, using the same principle, take canned shrimps. Season them generously with mayonnaise. Spear them on the ends of toothpicks. Stick these into an eggplant and serve on a plate.

## NOTICE

Please pass along your copy of House \& Garden, as the scarcity of paper makes it necessary for us to reduce the number of copies
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 closet improvement
features. K-Veniences make closet so convenient it practically hands out your clothes . . . they transform closet storage space into a delightful dressing room. K -Veniences are unique - they're tops in style, efficiency and low cost . . . they keep clothes spic and span in miracle fashion.


Shoes are right-side up with care, Neat and dustless, pair by pair, With this K-Venience.


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AFTER VICTORY-K-Veniences will again
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## How to wake up drowsy rooms



MANTEL MAGIC. Want to give gayety, brightness and glamour to your living room? It's easy. Just hang a lovely, unframed mirror of Plate Glass over the mantel . . . and presto ! . . . the room comes alive with reflected color and charm.

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You can get these items at your favorite department or furniture store.

accepted as the mark of good glass. The Pittsburgh Label on any mirror or article made of Plate Glass, no matter who sells it, is your assurance of good Plate Glass. Remember, if you want the best, insist on Plate Glass.

## tron wree Broces

For practical ideas on how to decorate your present home with glass and mirrors, send for our Home Decorating Book. If you're planning to build, buy, or modernize, send for our Home Building Book of smart suggestions on how to "build-in" glass, Mail the coupon for the book which best fits your needs.


VANITY TIPS. Dress up your vanity with a colored skirt. Add a mirrored or transparent Plate Glass top that laughs at spilled cosmetics. Then hang a smart unframed mirror on the wall. Result: a brighter bedroom!

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## ANOTHER ENEMY

$F^{\text {very y year Fire, the Destroyer, stalks }}$ - through the forests of America, devouring millions of feet of sorelyneeded timber. Forest fires are always a menace to our national economy for, in war or peace, we cannot get along without wood. In these days of increased demand for and critical shortage of wood such fires are nothing less than a national tragedy.

This year State and Federal forestry officials have already opened the fourth, nation-wide Wartime Forest Fire Prevention Campaign. As the dan-ger-period approaches in your part of the country you will see evidences of the campaign.

Emphasis this year is on individual responsibility. It seems incredible that, in spite of all the "Help prevent forest fires" signs, thirty per cent of all manmade fires are started through careless-ness-a not-quite-extinguished camp or picnic fire; pipe embers tapped out on a dry stump; a cigarette end tossed from an automobile window on to drifted leaves. Careless burning of brush -even Victory garden fires still touch off their quota of conflagrations.

And all of it is preventable. In fact official Forest Service figures assure us that nine out of ten forest and range fires are preventable.

For the sake of the future as well as the present, let's all do what we can to stop this unwarrantable waste.


A NOBLE Sc:OICII



Old Angus Brand Blended Scotch Whisky, 86 Proot National Distillers Products Corporation. New York


For your copy of "A Guide to English and French Furniture of the Eighteenth Century," please send 25c to Dept. 45, Baker Furniture, Inc.

Rhe Ever Running Sands With the dropping of each grain of sand through the hour glass, we are brought nearer to Victory. Blue Ridge Spread Company has been devoting all working time to
 the manufacturing of parachutes for fragmentation bombs, insect field bars, mattress covers, barrack bags, WAC uniforms, and other items... to help bring that great hour of VICTORY! But...the day will come again when peace time manufacturing will return to our factories. Then...you will be able to have your favorite ART TREASURE bedspread once more.

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# Butteyllics 

## WEAVE A SPELL OF CHARM

Just one look at these and you know the prettiest butterflies come from Hammacher Schlemmer! These butterfly beauties are waiting to add charm and graciousness to your home this Springtime.


SHALLOW BOWL OF BUTTERFLIES in an original hand-carved and tinted design by Franz Grosz. $15^{\prime \prime}$ diameter

TRUE-TO-LIFE BUTTERFLIES of transparent iridescent plastic, and diffusing their true color. Use them on fingerbowls and in bouquets. Small, \$1.25; Medium (not shown), \$4.50; Large, $\$ 5.50$. Approximate length of wings, $11 / 4^{\prime \prime}-4^{3 / 4^{\prime \prime}}-81 / 4^{\prime \prime}$ respectively.


BUTTERFLY BEAUTIES, handcarved and tinted, grace this crys" tal vase designed by Franz Grosz. $\$ 16.95$

CRYSTAL FRAME with softly tinted, dancing butterflies to enhance your favorite picture. Designed by Franz Grosz. $14^{\prime \prime} \times 17^{\prime \prime}$ holds $8^{\prime \prime} \times 10^{\prime \prime}$ picture . . . $\$ 18.95$
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||II|||


## COLOR DOES IT

House \& Garden's World-News Colors for 1945 are named for places the world over; symbolic of the global point of view we must all take. They are clear, bold, challenging colors.

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Stores may not have all of our colors-war production comes firstbut each will have stimulating color displays.

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(Continuea on page 116)


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## COLOR DOES IT

Continued from page 114

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The Red Cross is appealing to this ninety per cent to bring new blood into donor ranks throughout the nation. Don't be scared. Don't be indifferent. Try it, once, and we guarantee you will say: "Why didn't I do this sooner?"

Wherever you live, whatever your blood type you can help provide plasma. In certain coastal cities type 0 blood (the commonest) is flown directly to the fighting fronts. Ask your local Red Cross headquarters for details.


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## 118

HOUSE \& GARDEN

## CUT YOUR TREES

## AND HAVE THEM

Continued from page 76
of trees past maturity or trees that are too crowded to grow properly.

The actual business of getting the work done may amount to something like this: at a fairly nominal cost to the owner (in most States, at no cost), the Farm Forester or other competent supervisor will conspicuously mark for cutting the trees that are to be removed. A lumberman will then contract to do this work. The contract should include assurance against damage of the woodland. The trees are removed, the woods are left clean with brush properly packed, and the owner gets what money may be coming to him for the operation. He is on his way to owning an intelligently managed property which will through the years to come be not only more attractive in appearance but a financial asset as well.

We have not yet mentioned another type of woodlot all too prevalent in the East which also is in urgent need of attention from the private property owner. This might be called the missing woodlot, the acres of barren hillside which once were covered with valuable timber but which were "clear cut" as the Foresters put it-that is, all the trees were cut off and only occasional patches of scrub and brambles have taken their place. Erosion does its work on these acres which in their present condition are worthless to anyone. Rain which falls there flows off quickly and is lost. Every year the soil gets thinner and the work of possible reclamation more difficult.

For an investment of $\$ 10$ to $\$ 12$ per acre such land could be replanted to seedling trees which in a year or so would have established themselves firmly, anchoring the soil in place and helping to retain the moisture that falls upon it. Especially where such acres are adjacent to tilled land, this reservoir of moisture is of tremendous value during dry weather.

Seedling trees can be purchased, ordinarily at no more than the cost of production, from your State Forestry Department which is usually located at the State Capital. This Department can also advise you what species will do best on the location where they are to be planted, considering orientation, degree of slope, moisture content, etc.

Most important, however, is the fact that a part of the land, which in the aggregate would amount to a colossal acreage, would have been reclaimed from barren worthlessness and returned to its natural productive condition. Perhaps in the days of the early settlers it was all right to be careless of the future in these matters, but the United States has grown now to a point where we must learn the lessons that Europe learned long ago. We cannot be carelessly spendthrift with our natural resources. We should consider it a duty to see that on our own property the elementary principles of conservation and good forest management are put into practice as soon as possible. It will be profitable, and the need is already imperative.

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 city of English decor, Grosfeld House, in collaboration with one of America's most brilliant decorators, has contrived to create a living room at once classic . . yet striking, almost daring, in conception. From the inspired treatment of the fireplace setting to the last hand-crafted detail of the beautifully proportioned furniture, the unmistakable attributes of Grosfeld House originations, good taste and good craftsmanship, are apparent. Ask to see Grosfeld House furniture at better stores or through your decorator.
the decorators' source for fine furniture
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## POTPOURRI OF GARDENING

Continued from page 84
wooded hill beyond. In June these walls bloom whitely over their tops and sides; then the scissors are applied and the walls turn green again. The effect is really good, a touch of green architecture where it tells the most.

Certain other shrubs here, in places where an architectural effect called loudly to be made, have had the same treatment, forsythias and even Euonymus alatus. Syringas are cut into a wall to hide the next border, keep it as a surprise. This wall is under an old apple tree whose boughs lean over the smooth green of the syringas. The euonymus and forsythia have been cut where they stand, to suggest ends of high walls at strategic points. Such an effect is really good when near the house or on a paved terrace. In the garden itself where there are suggestions of low clipped hedges, the end of a simulated wall seems to fit in well, too. But two types of clipped things are essential here, the privets and syringas that complement each other in an amusing way.

I have trained and clipped a small syringa seedling into a flat triangular tree, its back to the shade, its face to the sun. This has only two dimensions and stands of course as an accent, stiff and symmetrical. Another common syringa we have set up at the corner of a dull wall of this white-painted brick house and by careful placing, cutting, nailing (with those wonderful wall-nails) have made it into an espalier, turning every branch to the left in straight lines of varying lengths. There are sixteen of these lines, spaced a foot apart and with rather thick foliage running along them. We have decided not to continue to the top of the house as the painter's ladder isn't long enough. How I wish we had set an apple, not a syringa there. We should then have had two crops on the wall, not merely one. Forsythias, syringas, Japanese quinces, fruits-all these train easily and give a thought of France.

Good angles of walls in an old house are also tempting places for a slight adornment of plants. Here in some such spots we have set a Hosta lanceolata close into the corner, with an angle of Heuchera sanguinea enclosing it from one wall to the other. The heuchera is very accurately set, and the slight formal effect is good in a bare and shaded place where no grass will grow. These small decorative corners of green leaves are a pretty adjunct as one comes upon them. The heuchera has almost the look of ivy and even in a cold climate stands during the winter, although not in this last one with its heavy ice-coatings. The great secret with this plant, as everyone knows, is resetting it in early spring, as frost heaves it badly.

In warmer latitudes than this I have seen a fine use of hosta growing above English Ivy. All hostas are beautiful objects with their rounded form and fine flowing leaves; completely permanent, never disappointing (Continued on page 122)


In the smiling valley of the San Joaquin grows the celebrated fruit from which Croix Royale is now distilling Fruit Brandies by the painstaking method of the Pot Still.
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84 PROOF



## POTPOURRI OF CARDENING <br> Continued from page 120

one either in leaves or flowers. The regularity of a hosta plant's lighter or darker leaves makes it a subject to count upon for any formal use. But over the years plenty of space must be allowed for its increasing circular spread.

Beyond the green wall of clipped syringa below the old apple tree, to the left (how like Baedeker this sounds!) there is a hedged compartment with Madonna Lilies flowering beautifully and staked to an absolute perpendicular, with a sprinkling below them of blooming Grüss an Aachen, that rose which is never idle. Across the walk from these, and spilling over a low stone wall is the unexpected border, with many perennials, now thermopsis, hosta with its lavender flowers and some Bristol Fairy gypsophila, good with the other things. Nearby in a vegetable garden row but somewhat apart is a new rose, whose present fat buds fill me with excitement, as this is an unnamed rose sent by Mr. Robert Pyle for testing, and it lay for one month this spring in our little post office without suffering from its imprisonment. So much for the vigor of this unknown.

Pale delphiniums against a stone wall with that beauteous clematis Comtesse de Bouchaud flowering above, and beyond them the hardy Brownell rose Golden Glow with its contemporaries of scarlet lilies (tenuifolium might be good too) -these are one or two of the good effects here this year. Though I have only had the rose and lily together when cut, I see what a marvelous juxtaposition theirs would be growing side by side. I happen not to like the Madonna and other lilies in borders; I like them stiffly staked, and surrounded by some sort of trim green lines. These suit the tall formality of fine lilies regale, philippinense or candidum. For the softer types, the Nankeen Lily, henryi, speciosum, companionship of other plants is of course good.

## A special spot

But, oh, how much to do and how little time in which to do it! I am amazed as I think back at various preachings of mine concerning the neglected garden-the romance of the old Virginia gardens due to another war during which they had to be let go. Now in my garden, weedily flowering and fruiting, I have adopted the motto, "Never apologize, never explain." All one can manage today is to get a special spot in some sort of order and then with your friends, if any can come, frequent that. Place there the tea table, the chairs, arrange a picture which will so entrance by its lovely order that no one will stray from it into the wilderness on every side. That is my present plan. This takes thought, deciding and concentrated work for a time, but it is something gained in satisfaction, and if in a fortnight this place becomes again a tangle, you will have given and had enjoyment in the garden.


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## Photographed in Davison's Charm Home in Atlanta <br>  <br> - OQ BEDSPREADS

Spreads that have a fresh look are cherished for bedrooms, and Lady Christina spreads are the ever popular choice. Their beauty plus qualities that promise long wear can do wonders to make a pretty bed and an attractive room, dressing it becomingly now and for years to come. Lady Christina spreads are appropriate with antique or reproduction furniture. Like any furnishing that is correct, they adapt themselves to the modern trends in decorating. You will never tire of the patterns in all-white and in pastel combinations, created by Virginia Hamill, the nationally famous designer. They are made in Ellijay, Georgia by the J \& C Bedspread Co.

> Until victory is won there is only a very limited supply and you may not be able to get Lady Christina spreads and rugs, but they are worth waiting for and as soon as possible they will be available again in leading stores.

124
A WEEKEND GARDEN
Continued from page 83
which catches the first warm rays of spring sun and is cooled by the southwest winds in summer.

Considerable thought was given by both architect and landscape architect to relating house interior and outdoor features. The house is a simple, modern colonial, frame type-modern because of the times and colonial because of the region. Painted stone gray, it lies close to the ground and blends into its surroundings. The approach is down a gently curving driveway under a spreading oak, past clumps of blueberries and huckleberries, between an enormous White Pine and a colorful Red Maple. A tiny herb garden grows beside the kitchen door, and a simple dooryard garden north of the living room encloses a shady terrace for noonday lounging.

The plan of the house, like the elevation, is simple, designed for easy weekend living. To the west are two small bedrooms and a bath. A plateglass window, $5^{\prime}$ by $8^{\prime}$, brings the large living room in close contact with the out-of-doors. From it we look south across the meadow to a grove of Gray Birch, charming foreground both summer and winter. To the southwest we look across a deep valley from which rises Mount Prospect. To the southeast between the orchard and the birch grove is a narrow vista of far distant hills and fields. The low sun of spring and fall floods the living room with warm sunshine; the high summer sun and the cross sweep of the southwest wind keep it cool and shady in summer.

A screened porch to the east is a welcome retreat on evenings when mosquitos are bothersome. The small corner fireplace provides warmth and cheer and a spot for popping corn or roasting marshmallows. Both porch and tiny dooryard garden on the north are pleasant for outdoor eating and convenient to the kitchen. The sunny south and east sides, so enjoyable in the cool of the morning, are readily deserted for the shady forecourt during the middle of the day. When we weary of brightly lighted meadows and distant views it is a pleasant experience to look at huge White Pines and into the recesses of shady woodlands.

The service features are grouped east of the house, by the kitchen door. Adequate storage space for tools and wood was incorporated with the garage into a combination building. Nearby are vegetable garden, compost area and orchard.

## Easy maintenance

In designing the house and the landscape, one of the chief aims was easy maintenance. The scheme was kept compact-a unit of intensively developed living area in the midst of natural countryside. Considerable thought was given to the relation of one space to another. The entrance or public side of the house was fenced off from the service and outdoor living quarters. A flagstone path set in the grass connects kitchen, garage, tool and wood shed,
(Continued on page 126)


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## A WEEKEND GARDEN

Continued from page 124
vegetable garden and orchard. It widens in front of the shed to give space for every-day chores like loading wood and cleaning tools.

Native trees, shrubs and vines predominate in the house planting as they require little care and also suit an area surrounded by forest and field.

Refined lawns and cultivated land both require considerable maintenance so these are kept to a minimum. Mowed grass is limited to a small terrace south of the house. Beyond this is the meadow of native grasses which is scythed twice during the summer. This grassy foreground is only large enough to set off the house; it falls off abruptly in a steep slope covered with native shrubs. The forecourt north of the house is in grass but is used for turning and parking and requires almost no scything.

Flowers are limited to small beds near the house where a few minutes of weeding and removing flower heads keep them tidy. The list includes only easily cared for perennials-daylilies, peonies, iris, poppies and bellflowers with edgings of Coralbell, Dropwort and wild Blue Phlox. Spring bulbs grow under shrubbery and in the unmowed grass areas. In shady spots evergreen ferns and native woodland flowers have been naturalized-Spring Beauty, anemones, Jack-in-the-pulpit, Wake Robin, False Mitrewort, Partridgeberry, ladyslippers, meadowrues, Turtlehead and many others. These require no care at all and provide a bank of green the year round, studded with flowers in season.

## Vegetable garden

The largest area under cultivation is the vegetable garden, which is tightly fenced to keep out four-footed trespassers. A system of fall cover crops prevents erosion and adds organic matter, and every shred of vegetable material is returned to the soil in the form of compost. In this way the moistureholding ability of the soil is improved, a boon for weekend gardeners who have no time for watering plants. Strict garden sanitation reduces pests to a minimum, and succession cropping boosts the quantity of vegetables that may be harvested from this small area.

A weekend place seems incomplete without a small orchard even if it does require spraying. We located ours on the slope south of the vegetable garden and planted it with a few good varieties of apples, pears, peaches, plums and cherries. Several trees are budded with more than one variety to increase the diversity of fruit. Spraying is simplified by using Professor H. B. Tukey's "vacation spray" and all trees are heavily mulched to conserve moisture and eliminate cultivation.

From the house a system of paths takes us through the many interesting acres which require no maintenance. We were fortunate in having two slopes, divided by a brook-a dry, sunny slope to the southwest and a moist, shady one to the northeast, so the list
(Continued on page 134)


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## ANNUALS

Continued from page 80
and as late as the last Sunday in April. Both dates have produced flowers by July 4th, the forerunners of many bunches gathered throughout that hot month. The right strain of seed for the climate, the earliest possible planting and thorough soil preparation guarantee some results.

A trench seems the logical way to plant sweet pea seed. Into a trench one foot wide and two feet deep go six inches of well rotted horse manure, firmed down, and over this six inches of good loose soil. After mixing in one pound of bonemeal for every fifteen feet of trench, the soil is allowed to settle for a few days. Seeds are covered with two more inches of soil.

Sweet peas are greedy plants for all their delicate appearance. When seedlings have been thinned to six inches apart and are six inches high, a dressing of bone meal or nitrate of soda sprinkled along the row will hasten the days of flowering. Brush or some sort of support, a close watch for aphids and spraying if they appear, watering and periodic feeding with liquid manure are attentions which the growing plants demand.

Unless these two coveted flowers were planted during the blustery month, the fine seeded petunias and snapdragon will be the first outdoor sowing of spring. As early in April as it is possible to turn over and rake the soil, a small area may be prepared, the fine seed scattered and pressed into the moist earth with a rake. The trick then lies in covering them not with soil but with burlap, held down at the corners with four of those stones inevitably turned up by spading.

The burlap covering prevents loss by washing away of the seeds or erosion of the soil. It also gives that extra warmth needed for prompt germination. As soon as husky seedlings are pushing their first pair of leaves against the burlap, it is removed so that they can grow unimpeded to a size large enough to transplant.

The choice of an almanac guide to planting seeds of most annual flowers in a normal fashion will depend on the parlance of your neighborhood. It may be the old axiom "Plant hardy seeds when the peach and pear trees bloom, tender ones when apple blossoms are out." More generally, the unfolding of the maple leaves may be the signal for planting seeds. Or perhaps it is well developed instinct or past experience that tells you to plant pinks and poppies in late April, and to save morning-glories and marigolds for early May. In any case, the first sowing of seeds of all annual flowers should be completed by May tenth.

The warm weather planting of the first ten days of May gives convincing results if one is not too impatient. Any and all of the marigolds and zinnias, cosmos and a host of other annuals offer proof to the skeptics that fine flowers can be raised from start to finish in the garden.

Nasturtiums present a knotty problem. The seeds couldn't be planted
(Continued on page 130)

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## ANNUALS

Continued from page 128
earlier, for they like warm soil but the plants don't flower well in hot, humid summers. Whether the brilliant, oldfashioned dwarf nasturtiums or the scented, double Gleam type are the favorite, a row is worth trying in full sun and poor soil. Frequent spraying with nicotine will help to control those black aphids that try to spoil the few bouquets to be gathered before the summer blanket of heat rolls down.

Asters, however, are not too risky in early May provided one remembers that each year they must be planted in a new location. A sowing of Queen of the Market or Queen of the Earlies at apple blossom time will flower by midsummer. Early Branching Royal varieties are equally prompt. Other types of seed will flower in September when late May sowing of the early flowering kinds should also start to bloom, if unseasonable frost is not a hazard. It is easy enough to raise aster plants from seed but flowers from these same plants are worthwhile only if the gardener learns how to combat yellows and wilt diseases, and beetles.

Seed sowing cannot be regarded as finished by May 10, even though thinning and transplanting put forth their claims on time. An experienced gardener knows that seed sowing continues intermittently until July in order to guarantee maximum and continued bloom all summer. Phlox drummondi, asters and the annuals which flower themselves out before our eyes must be sown at intervals of two to three weeks all during May if we would enjoy their flowers during August and September. Nigella, calliopsis, cornflowers, poppy, babysbreath and candytuft, too, are among the most fleeting.

## June planting

In June again we settle down to do some serious seed planting to use up odds and ends of seed packets and fill in any bare places probable in late summer. The miniature sunflowers, especially variety Stella, will do a good job of covering up the background spots where hollyhocks were so impressive in early summer. June-sown African marigolds will help to cover the vacancies left by glorious clumps of delphinium or Oriental Poppies; balsam and French marigolds patch up foreground areas. Calendulas, which seldom flower before Labor Day in the hot areas along the East Coast, might just as well not be planted before the end of June. Then, too, we might plant nicotiana with the expectation of its flowering before frost, and make the last succession sowings of candytuft and babysbreath for autumn bouquets.

July 4th is a good date to call a halt. By that date gardener and seed may well be exhausted.

When seeds such as larkspur and poppies are broadcast over an area, or when sweet alyssum or dwarf French marigolds are sprinkled in a row as an edging for a walk, a border or a flower bed, thinning of the plants is all that is necessary. When asters and zinnias, pinks and the like have been sown in short rows, transplanting is the natural (Continued on page 132)


## NEW YORK STATE

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## ANNUALS

Continued from page 130
follow-up. This not only provides addquate room for these annuals to mature but also creates drifts of bloom in the border, around the terrace or wherever effects have been planned.
"Sow dry and set wet" is the farmer's motto-as applicable to asters and salvia as to potatoes and spinach. Poppies, larkspur, lupine, mignonette, mallow and sweet peas are notorious non-transplantables. All other seedlings can be transplanted, preferably on a cloudy day or in the late afternoon. If every hole opened by a trowel is filled with water which is allowed to drain off before setting the seedling in place, if every seedling is set so that its first pair of leaves rests on the ground and the soil then firmly filled in around it, half the battle of transplanting is won. The other half consists of protecting the transplants from excessive sun or drying winds for a week or so and watering regularly if summer showers are lacking.

## Thinning

Thinning, like transplanting, should be a gradual process done as weather and growth of the plants dictate. It causes least disturbance when soil is moist.

Once seeding, thinning and transplanting have been accomplished, annual flowers become a pleasure. Bugs and diseases can be minimized by planting any of three dozen kinds which seldom are bothered, or by preparing in advance to face the inevitable on certain favorites. Those who grow sweet peas are bound to spray for green aphids, and nasturtiums for black ones. Japanese beetles feast upon the fouro'clocks, and even more destrucfive beetles lie in wait for the asters.

Staking is first aid for some annulls which grow tall or weak or sprawling. The fertilizing program can be largely taken care of by adding requisite amounts of humus or compost and balanced commercial fertilizee at planting time in spring. Fertilizing once a month from mid-June until mid-September with some quick-acting material such as liquid manure or superphosphate serves as additional stimulant for all but the thriftiest or short-blooming ones.

Watering -a thorough soaking once a week-is advisable during dry spells. Cultivating, again once a week, from the time seedlings are two inches high until Labor Day is an antidote for weeds and a general presscription for vigorous growth.

With these routine tasks accepted as a natural part of gardening, the chief task of maintaining annuals during summer settles down to cutting them. And that's fun! It is also necessary, for the chief aim of an annual plant is to flower and set seed after which its days of garden grace are done.

Cutting becomes a race with cornflowers, babysbreath and other shortseason annuals. The cutting basket can be kept filled from Memorial Day well into November with sweet peas sown
(Continued on page 134)

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## A WEEKEND GARDEN

## Continued from page 126

of plant materials is long and varied.
In the native hedgerow which completely screens our house from the road and over the slopes which surround the meadow are the small trees and shrubs classed by plant ecologists as the "open field association". Here Juneberry or Shadbush (Amelanchier laevis) grows in abundance, its white flowers sprinkling the hillside with late spring snow.

There are several groves of Gray Birch scattered along the southwest slope, and at the edge of the meadow are fine old White Pines, remnants of a day when they reigned supreme.

By far the greater part of the trees on this slope are members of the "oak association", Red, Black, White, Scarlet, Chestnut Oaks with their accompanying small trees, shrubs and ground cover plants. On the lower reaches of the southwest slope and across the brook on the moister, shadier, northeast slope, are the plants of the "beech-maple-hemlock association", the finest of all eastern woodlands. Hemlocks become more prominent as the topography changes to a steep cliff at the back of the property, where a few sturdy plants cling to the precipitous granite sides of Mount Prospect.

The spring-fed brook that divides the two slopes enters the property on the north. It gurgles over mossy stones and tumbles in tiny cascades and waterfalls, soon becoming a slow, meandering stream with a wide flood plain. Plants of the "streamside association" line its banks. At the south end of the property the stream dissipates itself in a swamp and here again is a different group of plants.

Such are the natural gardens of "Juneberry Hill"

## ANNUALS

## Continued from page 132

in March, snapdragon and petunia, dianthus and cornflower in April, asters, salpiglossis, Chinese Forget-me-not, Tasselflower (Cacalia) in May, and nicotine, sunflowers and calendula in June. To them add a sprinkling of daisy flowers-the white arctotis with its blue center, pink Sensation cosmos, or golden tithonia-scabiosa in blue or white or reddish black for contrast in form, verbena for color, mignonette for fragrance, gaillardia and marigolds for quantity. Cutting the annuals not once a week but once a day prolongs their blossoming, and reflects our pleasure in the garden every time we look at a vase of flowers indoors.

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flowers in a decade," says F. F. Rockwell, the noted horticultural writer. 3 for $\$ 1.50$

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136 HOUSE \& GARDEN

## TRY SOME

 TRICKY CROPS GARDEN

O"
VER fifty kinds of vegetables may be grown in the garden but less than twenty-five are commonly planted. In many gardens less than a dozen are grown. Sometimes lack of space curtails variety, but more often the gardener hesitates because certain vegetables are supposed to be difficult. In my experience most vegetables can be successfully grown even in the trying climate along the Atlantic seaboard.

Because people cannot duplicate in their own gardens the muck lands of Michigan and Florida, they omit celery from their gardens. A muck soil with its abundance of moisture and organic plant food can be closely simulated in the home garden if shallow trenches are prepared and plenty of well-rotted organic material is mixed with the soil.

Seeds for the main celery crop should be sown in sterile soil in a coldframe in April, transplanted once into another frame when large enough to handle. When plants are five inches high with four or five stalks, they are planted in double rows in the prepared trenches. Allow the hose to trickle slowly into the trenches until soil is thoroughly saturated. To prevent early and late blight, we begin our sanitation program by spraying with a prepared bordeaux mixture as soon as the planting is made, and repeat every ten days until cool weather arrives. Plants are never handled or touched when they are wet.

Celery stalks may be blanched by any of several methods. Most commonly, plants are hilled up as they reach maturity. This earthing should be done gradually in order not to smother the plants. Blanching may also be done by wrapping newspaper around each plant or by putting a 12 -inch board on each side of the double row. As cold weather approaches, some growers remove the entire crop at once, with roots and all the soil that will cling to them, to a frostproof cellar. Others prefer leaving plants in place and mulching with straw or hay; this permits harvesting until the ground freezes.

The renascence of herb growing has directed attention to Florence fennel, or finocchio, a member of the celery tribe but much easier to grow. Resembling celery, but with feathery foliage, it has an anise flavor and can be served raw or cooked. Culture is similar to that of celery but, as disease is rare, seed can be sown right in the open ground, $1 / 2^{\prime \prime}$ deep, and thinned to 6 inches. Seed sown around June 15 (Continued on page 137)


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## APRIL, 1945

 137
## TRICKY CROPS

Continued from page 136
in the region of New York will produce plants less liable to bolt, or go to seed, than earlier sowings. When well matured, plants are blanched by same method as celery.

Globe artichokes are another vegetable seldom grown in the north. Though not entirely hardy in the New York area, they can be carried through the winter by protecting their crowns with $12^{\prime \prime}$ of coal ashes or with peach baskets placed over each plant and heaped up with strawy manure. They require a rich soil and plenty of moisture during the growing season. Plants, propagated from suckers from the bases of established clumps, are spaced $4^{\prime}$ apart each way. Two-year-old clumps yield from twelve to eighteen buds.

If your cauliflower plants "buttoned" instead of heading up last year, try some again this year but see that they grow continuously without a check. Also get spring-planted kinds off to an early start so they mature before the heat of summer. Sow seed indoors and transplant to coldframe or into open ground when seedlings are large enough. Wood ashes mixed into the planting soil will give partial control of clubroot, serious disease of all the cabbage family.

Excellent heads of fall cauliflower are obtained from seeds sown the mid dle of June. A purple type, Italian Purple, that is much easier to grow than the white curded varieties, has been on the market for several seasons. It turns green when cooked, looks like broccoli but has the cauliflower flavor.

Peas are decidedly a cool weather crop. If they are planted as early as the ground can be worked, on a welldrained soil that has been generously fertilized, a good crop should result. The usual procedure is to plant a double row, $8^{\prime \prime}$ apart, with brush between. We snip off the long tips of the brush and place these outside of the rows, slanting inwards to guide the young vines toward the brush at the center. Pea aphis is the worst insect enemy, but this is partially controlled by the much maligned English sparrow; a nicotine spray or rotenone dust will kill the aphids.

Good soil preparation is very important for a long-season crop like pole lima beans that yield from July to frost. First the poles can be set out, $3^{\prime}$ apart in rows 4' apart, and sumk $15^{\prime \prime}$ to $18^{\prime \prime}$ in the soil. Poles should be $7^{\prime}$ to $10^{\prime}$ tall and preferably of red cedar wood that will last six or seven seasons. In fertilizing this crop, our practice is to dig out about a wheelbarrow load of soil from around the base of each pole, fill the excavation with well-rotted manure and top it with the excavated soil in a $5^{\prime \prime}$. or $6^{\prime \prime}$-high mound. Lime and commercial fertilizer are added to topsoil.

A frequent cause of failure with pole lima beans is in the planting, as the seeds are subject to rotting. We postpone planting until a spell of dry, sunny weather, about May tenth, and place six beans, eles down, around each pole and barely cover them. If a day or (Continued on page 138)


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## 138 <br> HOUSE \& GARDEN

## TRICKY CROPS

Continued from page 137
two of rain causes seeds to rot before they germinate, hills are replanted. To avoid the danger of rotting, some gardiners start limes in pots in a coldframe during April, planting five or six beans to a $4^{\prime \prime}$-pot. Plants are transfared to the garden when they have made one or two true leaves.

Cucumbers are not difficult to grow-and to keep growing-if given a little extra care. Seed should be planted in hills that have been enriches with well-rotted manure. To combat the striped cucumber beetle that carries bacterial wilt and leaf spot diseases, vines should be sprayed regularly with a combined fungicide and stomach poison. We mulch the ground around the hills with salt hay or any suitable material before the vines begin to trail. This keeps the surface of the soil moist so the roots stay close to the surface, a condition they seem to like.

The onion, on the other hand, is one of the deep rooting vegetables that prefers a muck soil. Consequently soil is enriched with organic matter and deeply cultivated. As best root growth is made in the cooler days of spring and early summer, planting is done as early as possible, even before the danger of late frost is over. Either sets or seeds can be planted. We have found naphthalene lime dust a good control for onion thrip which preys upon the leaves, giving them a blasted, weatherbeaten look.

Carrots are an important crop of easy culture. Yet many people fail with them. The stunted, ill-shapen or branched roots so often seen are a resuit of mechanical injury stemming from poor soil preparation. The growing root tips either strike hard objects or come into contact with particles of concentrated fertilizer which burns them. All root crops, and carrots in particular, require a light, loose, rich soil to induce best development.

This brings us right back to good soil preparation, where our discussion started. In my experience the most valuable soil conditioner is stable manure. Not only does it provide plant foods, but it supplies organic matter or humus. Organic matter acts like a sponge, holding moisture, and at the same time keeps the soil mellow and porous. Where manure cannot be ob taine, green-manuring or cover-cropping may be practiced, and all forms of organic matter, such as leaves, lawn trimmings, garden refuse, can be colelected on the compost pile for later incorporation in the soil.

Fine, well-rotted manure may be applied in the spring, and the soil dug or plowed at least $8^{\prime \prime}$ or $9^{\prime \prime}$ deep. Whatever lime and concentrated fertilizers the gardener plans to use may be spread on afterwards and worked into the soil by a harrow or rake before planting begins. Fall digging is recommended where a heavy coating of strawy manure or heavy sod is to be turned under. Ground spaded in the fall dries out earlier in the spring and can be planted earlier

Donald Crichton

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## WAR BONIS

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## APRIL. 1945

## FLOWERS FOR A DRY SPOT

Continued from page 142
dens. One to two feet high, its indigo colored flowers bloom all summer long. Being a legume, it will produce better panicles of flowers if the soil is inoculated with the proper nitrogen-fixing bacteria. The inoculant can be purchased for a few cents at seed stores; one package contains enough to inoculate a bushel of soil or seed.

Gaillardia aristata, or BlanketFlower, is one of the best long-lived perennials. Many nurseries offer patented hybrids with unusually large flowers, but even those grown from seed have impressively large yellow petals tipped with blazing red. It, like all the other plants discussed here (except Portulaca), makes excellent cut flowers.

Helianthemum nummularium, or Sun Rose, prefers a dry limestone soil. It is, therefore, advisable to mix a large tablespoon of lime with the soil that is to be packed about the roots of the plant. If grown from seed, an easy matter, a light snow of lime once or twice during the growing season, worked into the soil with an old fork, will maintain the necessary alkalinity. Its multi-colored flowers bloom from July through September.

Lupinus perennis or Wild Lupine is also a member of the pea family and, like Amorpha canescens, should be grown in soil which has been inoculated with some nitrogen-fixing bacte-
ria. The blue or white flowers are borne in great profusion on spikes ten to eighteen inches high. Best effects from this plant are obtained by massplanting.

Eschscholtzia californica, or California Poppy, is a self-sowing annual producing an abundance of variegated flowers all summer. Its finely-cut, silver gray foliage is excellent for cutting.

Yucca filamentosais called Adam's. needle Yucca because of the threadlike strands which hang from its nee dle-like leaves. Its white flower, borne atop a tall stalk, is extremely fragrant and on a still July evening will perfume a large area.

Most of these plants can be grown from seed. Keep soil slightly moist while seeds are germinating and until seedlings have taken a firm hold. Nursery grown plants may also require artificial watering until they take hold. After that, remember that these flowers do not simply endure dry, poor soils. They are plants which prefer dry, poor soils.

Do not make the mistake of fertilizing or overwatering, thinking you will get that much better blooms. Nature is as adamant as she is generous. If you must add something to the soil, a little superphosphate will do no harm and may help to make the plants extra winter-hardy.

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GARDEN'S NEED
Continued from page 141
pensive method of adding organic matter to the soil is by growing and turning under green manure. Green manure that follows an early vegetable such as peas, is also known as a catch crop; if it is sown late in the growing season and allowed to stand through the winter, as a cover crop. In this case it is sown through and around the stillflourishing annuals so as to be there when they are gone, and the practice will be found doubly valuable in any garden on a slope as it deters erosion by the winter rains.

Of the many quick-growing species recommended for such soil improvement, common ryegrass is likely to be found most satisfactory for the average garden, and as 10 pounds will be sufficient for 1,000 square feet, the expense is small. Buckwheat is sometimes used, but only for summer growth as it is not hardy. Clovers have the advantage of being legumes, which add nitrogen to the soil through the action of certain bacteria on their roots, but they are slower growing and better used in a mixture.

Before turning under a green manure crop it is advisable to give the plot a heavy sprinkling of fertilizer high in nitrogen, such as nitrate of soda or sulphate of ammonia, which will greatly assist its decomposition and incorporation into the soil.

Francis Coulter


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    $F^{\text {Ood }}$ is just as essential to the garden $\mathrm{F}_{\text {as }}$ it is to the gardener. Each will soon show the effects of malnutrition or insufficient supplies; each will eventually but inevitably die if the source of energy is not replenished.

    Carbohydrates, fats and proteins are the principal foods required by plants, like ourselves. These each garden plant manufactures or synthesizes out of carbon dioxide from the air and soil water, with dissolved substances, ingested through the roots. Nature has endowed plants alone, of all her manifold creatures, with this ability to combine and convert inorganic materials into assimilable food, and thus the secret alchemy of the leaves is incomparably the most important manufacturing process on earth, since all familiar life around us depends so much upon it.

    In the air our plants have illimitable supplies of one of their major requirements. And where they grow naturally in the wild, the soil is continually enriched by them after their cycle of life has ended. But when man tills a plot of ground he removes the plants, therefore after a few seasons the soil may become so impoverished as to be incapable of supporting plant life satisfactorily.

    No one any longer regards the soil as just a lot of inert dirt. Some, indeed, go to the opposite extreme and regard it as very much alive, breathing and pulsating, constantly energized by cosmic rays, and in active relationship with the sun, moon and other heavenly bodies. What the practical gardener needs to know, however, is the sort of soil he has and how best to build and maintain its health and productivity. Soils may be sandy or clayey, gravelly or peaty, sweet or sour, rich or poor, in wide variation of physical and chemical characteristics, to which the eye affords but little clue.

    ## Soil test

    Accordingly, whether your garden is being established for the first time or an old plot is to be replanted, it is well to have a soil test made. This is a simple and interesting experiment with the quite inexpensive testing kits that are made for the purpose, or a sample may be sent to the appropriate State Agricultural Experiment Station with a request for analysis and recommendations. In this case trowelfuls should be taken from several parts of the garden, all then mixed together, so as to form an average of the whole, and about a pint of this taken for the sample. When mailed, the parcel should bear the address of the sender as well as that of the Station, a little matter which is sometimes overlooked, lead(Continued on page 140)

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    ## CARDEN'S CREATEST NEED

    Continued from page 139
    ing to vexation at both ends of the transaction.

    The results of the analysis will usually show that certain soil amendments are needed, such as lime, which primarily corrects acidity and also supplies calcium; or major plant food elements, of which nitrogen is the chief and also the most likely to have been used up, leached out or otherwise dissipated. These nutrients may be conveniently added to the average garden in the form of inorganic commercial fertilizers. What may also be required, especially in gardens which have been worked for several seasons, is organic material to improve the physical structure of the soil. A recommendation on this point is apt to embody the word 'manure' and thus set the gardener a problem, as farmyard manure is seldom obtainable, and then only at great price.

    In some parts of the country there are what are unpoetically known as muck soils, largely composed of decayed plant remains and therefore abundantly stocked with organic matter, or humus, but elsewhere it is necessary continually to replenish this vital ingredient of fertile soil. To this end, the building of a compost heap and the growing of a cover crop are simple and practicable steps.

    There is nothing new in the idea
    of composting. In Homer's Odyssey, compiled perhaps 3,000 years ago, Ulysses on returning from his wanderings finds his old hound Argos dying on a dunghill-and the ancient dunghill, on which all manner of garbage was cast, was in effect a crude compost heap.

    Nor is there anything new in the currently advocated idea that if only compost be added to the soil, nothing else is required. This theory was propounded in 1810 by Albrecht D. von Thaer, an eminent German physician, whose interest in his garden led him to fame and nobility, but its weakness was disclosed by the long series of experiments begun by Sir John Bennet Lawes on his estate at Rothamsted, near London, about 1837 -and still continued there, for he made it the first experimental station and endowed it with half-a-million dollars.

    In the same way, in Germany the great chemist Baron Justus von Liebig proved that mineral constituents of the soil do not last indefinitely and must be replaced. Both these pioneers of soil science developed commercial fertilizers and demonstrated their efficacy. The simple fact is that organic material and mineral nutrients are equally necessary for the garden soil, in which
    (Continued on page 141)
     ive, economical Kryocide today, It's the insecticide that large commercial growers use, because it gives PROTECTION against many chewing insects. Insects hate it . . . your vegetable crop deserves it.
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    ## GARDEN'S CREATEST NEED

    continuous cropping leads to rapid de pletion. They are not antagonistic but complementary: each renders the other more effective and neither is a substitute for the other

    The compost heap, of the type becoming increasingly used in American gardens as its necessity is more widely recognized, seems to have been introduced here by George Bonner of New York, just over a century ago, in a little book entitled New Method which teaches how to make Vegetable Manure. Bonner got the principle from a pamphlet on the method invented by a farmer in the south of France, M. Jauffret, and developed it into something recognizably like the piles of today, as the illustration on page 139 from the New Method will show.

    The site for a compost heap should preferably be shaded, as moisture is essential to the bacterial action which goes on in it. A shallow pit is dug, about five feet wide and a foot deep; its length will depend on the amount of material likely to be available. Begin with a layer of heavy trash such as old stalks of cabbage, corn plants or sunflowers, smashed roughly. Over this spread a layer of good topsoil three or four inches deep, and shake over it commercial fertilizer or the compost powder which is sold for the purpose.

    On this throw old plants (pro-
    vided they are not diseased), weeds (provided they are not bearing mature seeds), grass clippings, kitchen garbage, leaves, dead rats, animal manure-anything of an organic nature that will decay quickly, but not wood or twigs. Add to this layer as the material is collected, dusting fertilizer on it, until it is up to twelve inches deep, then cover it with another layer of topsoil, and so on until the heap is about five feet high, when it should be topped with soil and the top sloped slightly to the center so as to hold rain.

    Any time the heap seems to be getting dry, plunge a pole into it, as shown in Bonner's illustration, and let water soak down.

    The process of conversion will be hastened if the gardener has time and energy to turn the pile about two months after it is built. In two or three months more he should have ready the best of all additions to his garden soil, chiefly humus, looking and smelling like rich, clean, brown earth and full of plant nutrients. In addition, he will have had a neater, tidier garden through the season and he will have made profitable use of household wastes without ugliness and without objectionable odors, for a properly made compost heap does not emit them.

    The other convenient and inex (Continued on page 144)

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    ## 142

    ## FLOWERS FOR A DRY SPOT

    Nine flowers that positively flourish in dry, poor soil, described by Jules A. Demonet
    ${ }^{\mathrm{S}}$ there a corner of your garden that the sprinkler doesn't quite reach-or an out-of-the-way border, the watering of which is a real chore? If so, plan to make it a "dry spot" this year and forget the watering. There are flowers that actually enjoy such conditions. Moreover they are inexpensive, winter-hardy, blight- and insect-free and provide, in addition to impressive bloom in the garden, excellent cut flowers of unusual brilliance and color, lasting well under trying conditions. And all are either perennial or self-sowing annuals.

    Here are nine different flowers that thrive on direct sun and dry, poor soil:

    Asclepias tuberosa is commonly known as Butterfly-weed, but should not be confused with Buddleia.

    Butterfly-weed grows two to three feet high and wears its delicate, orangecolored blossoms all summer. Do not be disappointed with the sorry-looking roots the grower will ship you, as it is natural for them to look puny and dry. Plant them horizontally, about $2^{\prime \prime}$ to $3^{\prime \prime}$ deep and $1^{\prime}-2^{\prime}$ apart.

    Portulaca grandiflora, or Moss Rose, is not a good cut flower but it is one of the most desirable of all garden flowers. Nowhere else, in one

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