

YOU CAN BUY THE PLANS FOR IT!



#### Laundry or playroom—this basement is both

It's LIKE MAGIC the way this basement can be changed from the laundry to an inviting party room. Roll back the ironer, close the curtains, and all signs of washday disappear. The attractive and serviceable furnishings are well suited to this room's double life—but it's the floor of Armstrong's Asphalt Tile that makes it all so practical.

Armstrong's Asphalt Tile helps make basements livable. This modern flooring was developed especially to stand up against the alkaline moisture that's always present to some degree in concrete that's in direct contact with the ground. This moisture causes most flooring materials to deteriorate, but it has no harmful effect on Armstrong's Asphalt Tile. It's a durable floor that will give many years of satisfactory service.

The ease with which Armstrong's Asphalt Tile can be cleaned also contributes to making the basement comfortable. Spilled things can be mopped up from its smooth surface without leaving a trace. Routine sweeping and occasional washing and waxing are all the care this floor needs to keep it looking like new. You'll appreciate, too, the way the beautiful colors of Armstrong's Asphalt Tile can add cheerful brightness to the basement. Since this floor is laid tile by tile, there's almost no limit to the variety of original designs that can be created.

With all its many desirable features, Armstrong's Asphalt Tile is a low-cost floor. No expensive preparation is needed—it goes down right over your present concrete floor. Your Armstrong flooring merchant will gladly help you develop a distinctive design and give you an estimate that will prove the low cost of a floor of Armstrong's Asphalt Tile for your own basement.



when work is done this basement converts to a cheerful room for entertaining. The draperies hide all the laundry appliances, and the snack bar lifts out from a cupboard recessed in the wall. The floor that adds so much to the room's decoration is Armstrong's Asphalt Tile in Goldenrod D-327 accented with spot tiles of Ebony Marble No. B-305. Floor plan and list of furnishings for the above laundry-playroom sent free on request.

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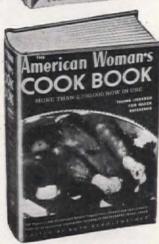
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#### LATER — Thanks to Colgate Dental Cream





\*YOU SHOULD KNOW! While not mentioned by name, Colgate's was the only toothpaste used in the research on tooth decay recently reported in Reader's Digest.



Sun and shadow point up skilled design, use of color in Forecast House exterior. Photograph by B. Goodnow, Krantzen Studio, Inc.

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# In this Issue

-FEBRUARY, 1951

VOL. XLV. NO. 3-

#### Arts and Crafts

40 How To Make a Desk . . . Peter Gowland 50 How To Make a Rug . . . Dorothy Lambert Trumm

90 Two Hanging Racks for Pots and Pans

50, 91, 99 **Patterns** 

#### Children

A Whole New World-\$1.00 a Year . . . Kay Campbell

#### Decorating

All Wound Up and Ready To Go . . . Mary E. Monze Look What's Happened to Captains' Chairs

. . . Gertrude Brooks Dixson

Mother Fixed It Up . . . Martha B. Darbyshire

46 It's Brick-Inside and Out . . . Martha B. Darbyshire 76

#### Gardening

32 The Best Ten Roses of the Last Decade

12 Kinds of Lilacs on One Bush . . . Ruth Dent Hughes 34

More Light on House Plants . . . Marion Lowndes

Short Cuts in Rose Growing 105

. . . R. Wallace Teed, M.D.

#### **Homes** and Maintenance

27 The American Home Forecast House-a Good Neighbor Project . . . Jessie Walker Passers-by Want It . . . Eugenia White

38

Sensible Modern in Atlanta . . . William M. Branham 42

96 Try Your Hand at These

150 Years-Brought Up to Date 86

How to Patch Cracks in Plaster . . . Robert Wortham

What Not to Do with Extension Cords . . . Max Alth 100

#### Food, Entertainment, Management

Lots of News In Gas Ranges . . . Edith Ramsay

54 Place and Show

. . . Betty B. Merriam and Gertrude Brassard This Is a Fish Story . . . Jane Tiffany Wagner

56

59 Good Victuals . . . Jean Austin

62 Call Her Clever Menus

63.67 71.73 Menus

60, 64, 68 Recipes

72,74

Recipes 70

Take a Tip

84 Kitchen From a Case of Measles . . . Violet Allen

#### **Features**

12 Market Place

Our Children . . . Kay Campbell 20

109 Advertising Index

Look It's New

The American Home, February, 1951. Vol. XLV, No. 3. Published month by The American Home Magazine Corporation, 444 Madison Ave., New Yo 22, N. Y. W. H. Eaton, President-Treasurer; Jean Austin, Vice-President-Sect tary. Executive, Editorial and Advertising headquarters, 444 Madison Aven, New York 22. Subscription Department, American Home Building, Fore Hills, New York. Copyright, 1951, by The American Home Magazine Coporation, All rights reserved. Title registered in U. S. Patent Office. Su scription price in United States \$2.50 a year; two years, \$4.00; three year \$5.00. Canada and Pan-American countries, add \$1.00 per year for ext postage. All other countries, add \$2.00 per year for extra postage. Entered second class matter December 31, 1935, at the post office at New York, N. Yunder Act of Congress March 3, 1879. Postmoster: Return undeliverot copies to American Home Bidg., Forest Hills, New York.



#### Here Is a Mere Glimpse of Immense List of Contents: 1001 Money-Saving Ideas on EVERY Phase of Home Improvement Show How YOU Can Have the Luxury Home You've Longed for!

Concrete, Masonry,
Glass, Bricks
Shower Stall
Goor, Cellar
Kitchens-Plans Shower Stall Water-Proofing Correcting Sag-ging Wall Glass Block Doorways, Walls Walls
Concrete-Pouring Methods
Wood Frames,
Brick Veneer
Arches, Doorways, Partitions
Bricklaying
Concrete Walls
Brick Facing
Concrete Steps

Carpentry Lumber-Stand-ard Measurements Lumber Defects -How to Recognize Roof, Nailing Wall Bracing Partitions, Plywoods,



Closets, Work-ing Bins Joining Roof to Walls

Roofs, Insulation, Ventilation, Flashing

Rafters, Layout Terms Woods for Ex-terior, Interior Trims Woods for Porches Woods for Shelving Repairing In-terior Walls Terrace, Porch Flashing
Installing
Flashing—Instructions,
Valleys, Chimneys, Hips,
Windows,
Doorways, etc.
Types of
Insulation
Insulating on miny Terrace, Porch Construction Insulation
Insulating
Farm Buildings
Shingles—
Walls, Roofs,
Hips, Ridges,
etc.

& Designs Rafters, Layout

etc.
How-To, HowNot-To Ideas
Tips on Repairing,
Replacing
Leaks in Old
Roofs
Roofing—
Instructions

ideas on using glass blocks to give rooms glamor, bet-ter lighting!

Plaster, Tile, Wallpapers

ter lighting!
Millwork,
Windows, Doors
Screens, Floors—Nailing,
Floris—Nailing,
Laying,
Flinishing
Edgings, Doorways
Storm Windows, Doors
Shelves,
Cabinets
Adjusting
Doors, etc.
Built-in Furniture Tips Wall Plaster Mixing
Exterior and Interior Walls
Doors, Window
Openings
Wall Board
Installation Laying
Lifetime Wall
Coverings
Repairing, In-Repairing, stalling Ceilings Making Rooms Seem Larger,



EVERYTHING about paints from color selection to care of brushes!

eare of brushed
Heating, Plumbing, Chimneys
Building Fireplaces
Plumbing, Pipes
of All Kinds
Faucet Installation
Coal Bins,
Construction
Fixtures, Tubs

Fixtures, Tubs, Sinks, Shower Saving on Fuel Chimney Con-struction Hot Water Systems Tileboards Repairing Walls Tile-Laying

Systems Making Woods Fire-Resistant Paints, Varnish Tinting
Floor Sealers
Cleaning Paint
Spots
Decorating
Old Floors Color, Decorating Tips Whitewashing Painting Wood Floors Paints for



Tools, Nails, Hardware Scaffolds Ladders, Use and -Repairing, Re-placing, Con-

struction, Bolts, Screws, Nails—All Types Electricity Electricity
Switches
Individual
Room Heatings
Thermostats
Kitchen Outlets
Bells, Chimes
Lamps—Types,
Best Placing
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. . . RUTH DENT HUGHES, native of Arkansas but resident of California since 1926, has always been interested in writing-but with less chance to do it than to think about it-and is now president of the Santa Monica Writers' Club. Married in 1931, she has, she says, "a nice assortment of children." Besides keeping house, she is busy with P.T.A., Mothers' Clubs, and Girl Scouts, loves bridge, and shares with her husband and children a "very merry, but altogether hectic whirl of family activities."



. . . FLORENCE S. AND R. WALLACE TEED collaborated on "Short Cuts in Rose Growing" (page 105) just as they have jointly cared for and enjoyed the garden started soon after their marriage. A graduate of the Univ. of Michigan, she is a Methodist minister, contributor to religious journals, collector of cook books, social and community worker. An M.D. and alumnus of the Universities of Michigan and Iowa, he is an otolaryngologist who combines the hobbies of gardening and color photography. Served in the Navy in World War II.

. . . VIOLET ALLEN who tells about her "Kitchen from a Case of Measles" on page 84 says she and her husband have four mutual hobbies: their son 13, daughter 10, their home, and their antique business, which they have conducted together for the past 18 years. The children, inheriting their parents' interest in antiques, have their own private collections. Mrs. Allen is past president of the P.T.A., teaches SunThere's nothing like th

## NEW... MODERN

way to wake up



#### MOONBEAM ELECTRIC ALAR

This completely different elect "alarm" calls two ways . . . wi a light for "light" sleepers; sound for "sound" sleepers. Fit call is silent . . . a blinking lig that disturbs nobody else. B in a few minutes, Moonbeam ad to the light a cheerful, audit alarm. This Westclox exclusi available in plain or luminous dia

"first he blinks... then he rings



His first calla blinking light . .



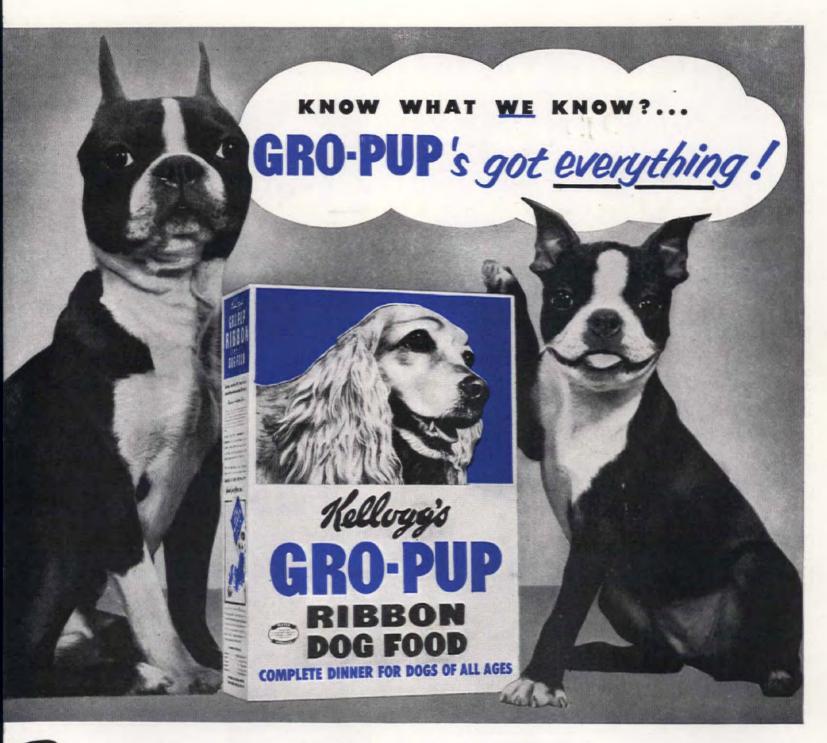
.. later joined by an audible alarm

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The big difference! Gro-Pup Ribbon is solid, complete food — not  $\frac{2}{3}$  moisture. Pound for pound, 3 times as much nourishment as in moist canned dog foods!

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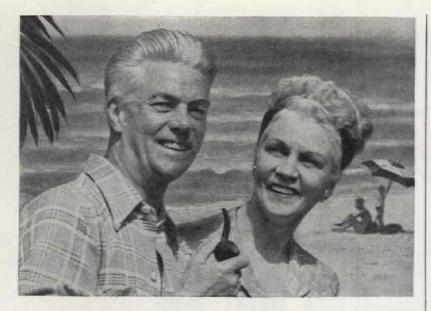
#### BIG NEWS FOR MEAL USERS!

Easiest fixing, fastest mixing—new Gro-Pup Meal. Takes up liquids in an instant-mix! No soaking, no waiting. Thrifty! Gives same "complete dinner" nourishment as Gro-Pup Ribbon.

Dogs love both!



Build a with "COMPLETE DINNER" Gro-Pup!



## How we retired with \$250 a month

HERE WE are, living in Southern California. We've a little house just a few minutes' walk from the beach, with flowers and sunshine all year. For, you see, I've retired. We're getting a check for \$250 a month that will keep us financially independent as long as we live.

But if it weren't for that \$250, we'd still be living in Forest Hills, and I'd still be plugging away at the same old job. Strangely, it's all thanks to something that happened, quite accidentally, in 1926. It was August 17, to be exact. I remember the date because it was my fortieth birthday.

To celebrate, Peg and I were going out to the movies. While she went upstairs to dress, I picked up a magazine and leafed through it idly. Then somehow my eyes rested on an ad. It said, "You don't have to be rich to retire." Probably the reason I read it through was that just that evening Peg and I had been saying how hard it was for us to put anything aside for our future.

Well, we'd certainly never be rich. We spent money as fast as it came in. And here I was forty already. Half my working years were gone. Someday I might not be able to go on working so hard. What then?

Now this ad sounded as if it might have the answer. It

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told of a way

that a man of 40—with no big bank account, but just fifteen or twenty good earning years ahead—could get a guaranteed income of \$250 a month. It was called the Phoenix Mutual Retirement Income Plan.

The ad offered more information. No harm in looking into it, I said. When Peg came down, I was tearing a corner off the page. First coupon in my life I ever clipped. I mailed it on our way to the movies.

Twenty years slide by mighty fast. The crash... the depression... the war. I couldn't foresee them. But my Phoenix Mutual Plan was one thing I never had to worry about!

1946 came . . . I got my first Phoenix Mutual check—and retired. We're living a new kind of life. Best of all, we've security a rich family might envy. Our \$250 a month will keep coming as long as we live.

#### Send for Free Booklet

This story is typical. Assuming you start at a young enough age, you can plan to have an income of \$10 to \$250 a month or more—beginning at age 55, 60, 65 or older. Send the coupon and receive, by mail and without charge, a booklet which tells about Phoenix Mutual Plans. Similar plans are available for women—and for employee pension programs.

Don't put it off. Send for your copy now.

PLAN Retirement	Income Plan  Your Future  FOR MEN
PHOENIX MUTUAL LIFE INSURANCE CO. 839 Elm Street, Hartford 15, Conn. Please mail me, without cost or obligation, your illustrated booklet "Retirement Income Plans for Women."	PHOENIX MUTUAL LIFE INSURANCE CO. 839 Elm Street, Hartford 15, Conn. Please mail me, without cost or obligation, your illustrated booklet showing how to get a guaranteed income for life.
Name	Name
Date of Birth	Date of Birth

#### Contributors



day School, and is co-leader of a Girl Scout troop that holds cook-outs around the fireplace in the Allen yard.



college in 1941 as a chemical engineer, but is now a professional photographer, a good one, too (see his pictures of the "Sensible Modern" house, page 42). When the Air Force adopted him, some study of photography in his early college days was used to advantage. He did photography in the European and Pacific war theaters, going to Korea after V-J Day. He now lives in Atlanta with his wife, Marjorie, and black angora cat, "Myrt."



an outstanding personality in the crafts world. An artist and designer, she creates hooked rugs and paintings in wool. She has executed rugs for many well-known persons including the late Franklin D. Roosevelt. Her rug creations have been taken on touring exhibition throughout the United States by the American Society of Artists and several of her designs are in the collection of the Metropolitan Museum of Art in New York.



Not that she no longer loves her former janitor...her husband.

But her new janitor...well, he's easier to control...just a dial or a thermostat that she sets and forgets!

And her new janitor produces and delivers ... tempered air at any temperature desired, scientifically humidified and circulated fresh air ... limited in dust and poller ... and continuously replaced .. automatically and economically

Yes, now her new janitor is the MOR-SUN furnace...the most beautiful furnace ever built!

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	AND OIL!
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Plant	6

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MOR-SUN Furnace Division
MORRISON STEEL PRODUCTS, INC.

669 AMHERST ST., BUFFALO 7, N.



Little Miss Telephone herself. Thirty-five members of her family have worked for the telephone company.

That's Karen Terry - She's just three and cute as a button. Already she's decided to be a telephone operator when she grows up.

There are many reasons for her choice. For Karen is related to an interesting telephone family in California. Thirty-five members of this family have worked for the telephone company in the past sixty-five years. Many still do.

Lots to Talk About - When Karen's Aunt Ella was asked what the dinner conversation is like when they get together, she said - "Why we talk shop, of course. All about the telephone company and our friends there."

It's that way with thousands of other families throughout the country. One Bell Telephone Company found that 2800, or ten per cent, of its employees had members of their families in telephone work.

Stepping Ahead - A young man doesn't follow his Dad in a job unless Dad says, "Come along, son you'll find it as good a place as I did." You won't find sister following sister, and brother following brother into telephone work without reason. They like the work and the company.

Good people in good jobs help to give this country the best telephone service in the world at low cost.





## Easy as getting a glass of water!



#### JUST WASH AWAY GARBAGE WITH THE WONDERFUL, ALL-NEW G-E DISPOSALL!®

HOW SIMPLE! How sanitary! How marvelous! Just turn on the cold water-and never be bothered by messy, germy garbage again!

Never see it! Never touch it! Just scrape all food waste into the drain. The G-E Disposall shreds it into tiny particles, washes it harmlessly away to sewer or septic tank!

And the all-new, all-white Disposall is as dependable an appliance as has ever been made. It's designed to fit practically every sink.

It combines wonderful new features-inside and out-with refinements on those features that have already made the G-E Disposall a favorite appliance in 250,-000 American homes.

Make yours the next garbagefree home! See this great new appliance at your dealer's today! General Electric Company, Bridgeport 2, Connecticut.

SEE HOW EASILY THE G-E DISPOSALL WORKS!







- 1. You just scrape food waste into drain opening.
- 2. Turn the marvelous Twistop safety control. The Twistop locks into place during operation. This great G-E feature is stopper, strainer and safety control all in one.

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Handbook of Attracting Birds by Thomas P. McElroy, Jr. (Knopf) Price \$2.75... By consolidating much existing, but hard-to-find information and supplementing it with his own experience and the findings of others, Mr. McElroy has put a vast amount of fact and usable advice within 163 pages. Developing the simple formula that "food and water plus adequate cover equals an increased bird population," he tells how to carry it out -in the small garden, on farm or estate, in public sanctuaries. Excellent sketches by Lambert Guenther, descriptive plant lists, realistic advice about predators and injured or orphan birds, and a good bibliography do their part. This book should enable more people to attract birds and to benefit by doing so.

How to Survive on Atomic Bomb by Richard Gerstell. (Bantam Books) Price 25 cents. . . A practical, pocket-sized book of questions and concise answers by an expert radiologist and consultant to the Civil Defense Office of the National Security Board. He tells frankly and calmly what an A-bomb is, what it can and what it cannot do, and what every individual and family can do to protect itself from one.





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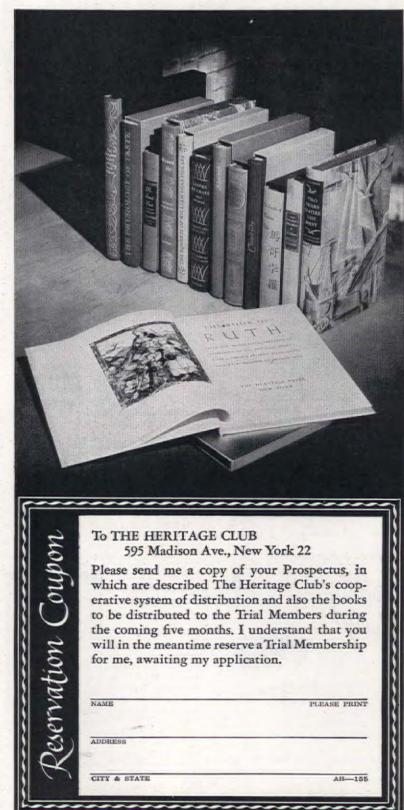
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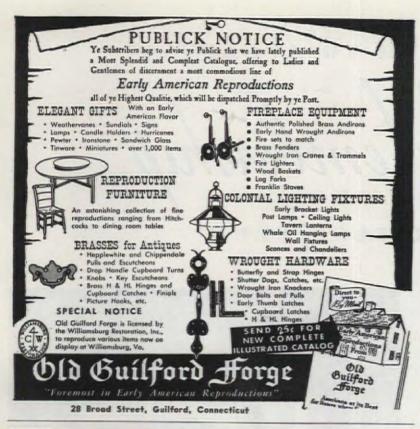
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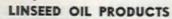
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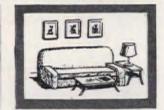
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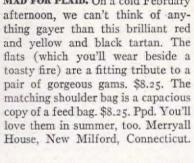
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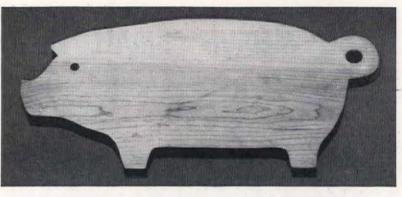
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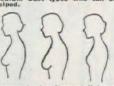




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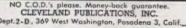
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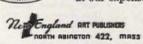
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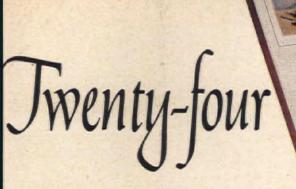
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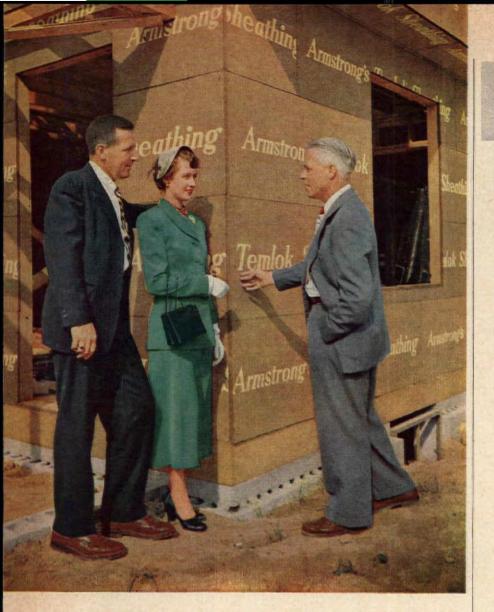
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Members of Pasadena Junior Museum Workshop listen to high points about "Dolls and Armor" exhibit in Children's Gallery

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Membership is open to children between eight and sixteen, and complete freedom is given every child to follow any and all artistic inclinations. The Workshop tries to bring creative experience within the realm of the child's everyday life, to broaden his vision and understanding and thus make him a better potential citizen.

The Workshop starts buzzing at 9:30 each Saturday morning, and from then until 3 p.m. the youngsters, spurred on by volunteer artists, helpers, and professional teachers, are busy creating every-





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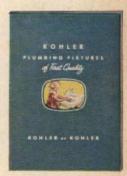
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### A Whole New World (Begins on page 20)

Photographs by Virginia Strub



Hugo Carlos, left, and Norman Abbey are absorbed in modeling in clay. Models are shaped on asbestos stand so that they will be ready to go into kiln when the artists are finished

thing from a painting of a hot summer day to construction of the latest aircraft models. The program, planned with the assistance of the Pasadena public schools, offers the chance to work in a variety of media such as poster paint, water color, pastel, pen and pencil, charcoal, clay, and woodworking. Besides the workroom projects, there are exhibits and entertainment in the Workshop's own galleries in the Pasadena Art Institute.

The members, and there are more than two thousand, saw seven exhibits last year, beginning with the "Music Show" and ending with the International Exhibit of Children's Paintings, in which the work of children representing twenty countries was shown. There were also the "Theater Show," "Animals in art," "Communications" (radio, television, telegraph, telephone), and a favorite-"Native California." Volunteer guides take the children through their own exhibits as well as the more important adult exhibits and explain and interpret the material on display. Then in every workroom, under the guidance of artist Frank Gonzales, the exhibit material is correlated with the creative work. The fundamental form and line, design, and color which make a particular exhibit "art" are continually discussed and illustrated in the work at hand. Each child is encouraged to try different materials to produce work that is tied



Success of workshop is indicated by the intent expressions on the faces of these he-men shown busily at work decorating clay pieces in workroom of Pasadena Junior Museum

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#### A Whole New World (Begins on page 20)



Mrs. Harcourt Hervey, a volunteer worker, assists these puppeteers who construct their own puppets

up with the spirit of the current exhibit. From time to time, professional artists demonstrate their methods, working in their own media, while the children watch and then follow suit.

Quiz games covering the exhibits on display are favorites with the children. Cardboard squares with such questions as "Find a picture called 'Harbor Tapestry' by Phil Dike," "How many boats can you see?" are given the children to fill in as they see the exhibit. When the child has finished five games perfectly, he is placed on the honor roll; when he completes fifteen, he wins a prize—a book of reproductions of famous paintings.

Entertainment is varied. A theater group offers four plays, planned around the theme of the exhibits, and movies, similarly tied in with the exhibits, are shown on twenty other afternoons. Folk dancers, magicians, and child musicians are presented during the year. A puppet group designed, constructed, and produced six puppet plays for the entertainment of other Museum members.

This Junior Museum, one of the few of its kind in the country, is under the joint sponsorship of the Pasadena Art Institute and the Junior League and is financed and staffed by the Junior League.

All volunteer workers are trained in the techniques of working with children and the philosophy of children's museums. For all concerned, from teachers to children, it's been an A-1, howling success.

Robin Poole jumps at the chance to find out what weaving is really all about. Boys are as enthusiastic about Museum entertainment and projects as the girls



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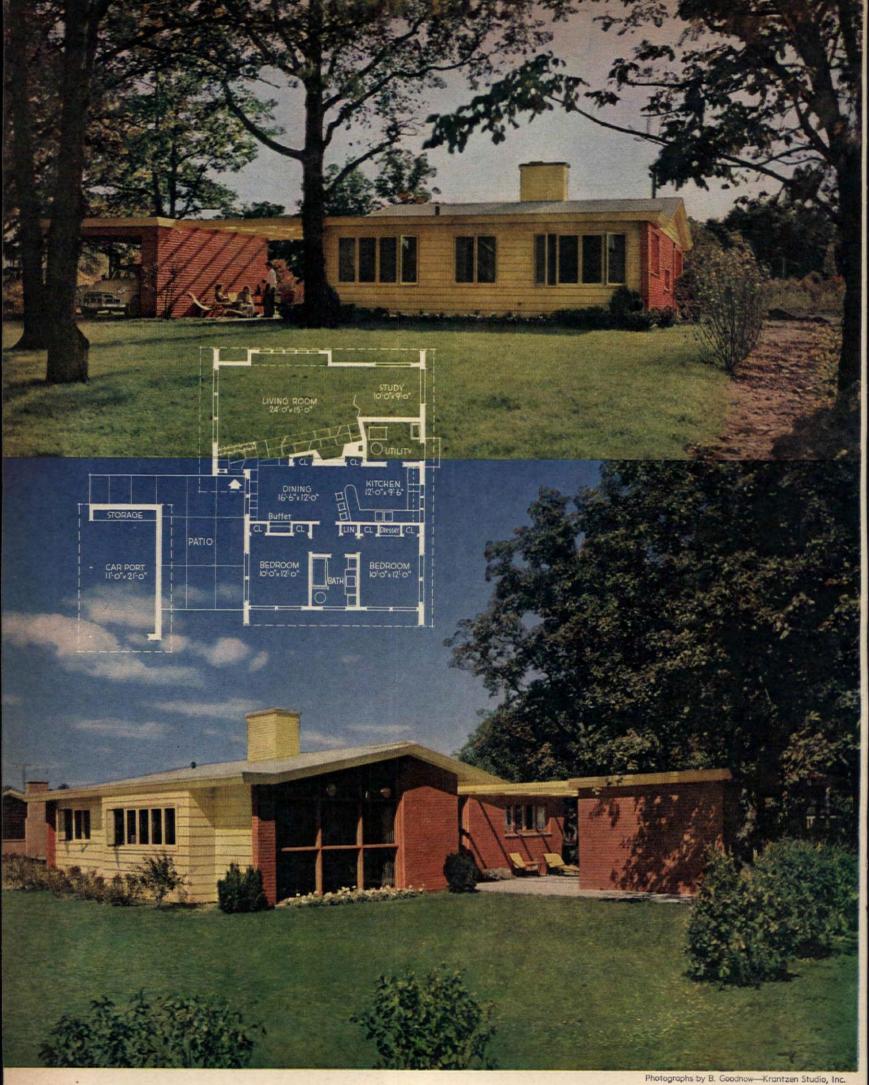
# The American Home Forecast House — a Good Neighbor Project "BESSIE WALKER

The Lions Club in Highland Park,
Illinois, raises money for civic projects—
an American family gets a darn good house

the idea of building a house through the donated services of Lions Club members, displaying it for six weeks with a 25-cent admission charge, selling it and adding the profits to the depleted scholarship and civic project fund belongs to member and architect James Duncan. It met with the ready acceptance of other members in the building trade, a series of meetings were held to make the necessary legal and financial arrangements, each member pledged \$100, and the brave Lions of Highland Park were launched on this ambitious charitable venture and six months of hard work.

It was then that the editors of The American Home heard about the house and, deciding that both the design of the house, and the scholarship fund had merit, lent their support. The American Home secured the services of Marion Heuer, popular Hubbard Woods decorator, to design the interiors. Editor Gertrude Brooks Dixson asked Mrs. Heuer to work with Duncan so that architecture and decoration would be co-ordinated, made arrangements for manufacturers' co-operation (See page 30). Real teamwork, that, and a result of which all are proud.

Forecast House is made of more than brick and stone. Workmen on the job say





THE AMERICAN HOME presents this as its Forecast House because: (1) it reflects the trend toward informal living, (2) it has been oriented on the site to take the best advantage of a typical suburban lot, (3) the decoration and architecture have been skillfully correlated to create a unified effect, (4) the living areas have been kept at a maximum, and sleeping areas and halls cut to a minimum, during a high-cost building era when cubic space must be cut somewhere



no fireplace has ever been given more loving care than the one Ed Olson built of crab orchard stone. They feel the same way about the other services contributed at cost by Lions Club members. The purposeful, planned co-operation of this group of builders was an impressive thing. The evening before the opening, sedate businessmen rolled up their sleeves and went to work scrubbing the hearth, washing windows, mopping the kitchen and bathroom floor, and cleaning the terrace and carport. You should have seen the club president, Bert Greene, usually dignified school teacher, down on his hands and knees scouring the hearth. Ed Olson and Fred Moon, assistant postmaster, were helping him. There were Mart Hart, banker, and Frank Keller, gas company salesman, polishing windows, while Wilfred Seguin, funeral director, and Paul Olson, men's clothing store owner, cleaned the terrace, and Lloyd Larson mopped the kitchen floor.

All this was going on until after midnight with the Lions,

Self-toned woods and fabric against black in one bedroom, matching wallpaper and fabric in other are clever tricks to make small rooms seem larger

James Lees & Sons, living and dining-room carpet Libertyville Textiles, bedroom rugs Greeff Fabrics, Inc., living-room draperies National Bedding Assoc., spring and mattresses Ficks Reed Co., patio furniture



Long recess with concealed lighting houses sectional pieces used as oversized sofa but will go anywhere in room

When architect and decorator work together, there's special harmony between furnishings and background. Decorator Heuer broke many clichés, brought modern and provincial together in good taste



JAMES DUNCAN OF JONES & DUNCAN, ARCHITECT MARION HEUER INTERIORS, DECORATOR

dodging painters and paper hangers, adding the finishing touches, and the girls from Marion Heuer's shop hanging pictures and draperies. On opening day, guests were greeted by president Bert Greene and other members of a welcoming committee. Later, each of the 65 members took his turn at the door, so that Forecast House could be seen from noon until nine every day.

Wanting to keep the house a surprise, the men wouldn't let their wives see it until opening day. After that they couldn't keep the women away as their wives accompanied them as enthusiastic hostesses and brought hot meals to the men on duty at the door. Cleaning and grass-cutting crews kept grounds and house in apple-pie order. Ed Olson's wife brought in fresh garden flowers each day. Many another Lioness loaned a helping hand.

Early during the construction Duncan and Mrs. Heuer met often discussing necessary changes from the original plans. Although the architecture is contemporary, Mrs. Heuer knows her PLEASE TURN TO PAGE 102 FORECAST HOUSE FEATURES In Bathroom: Built-in overhead lighting for good-sized mirror. In living room: Light trough hung over small desk. In den: Effective, practical roomdivider of louvered panels hinged to fold back against wall













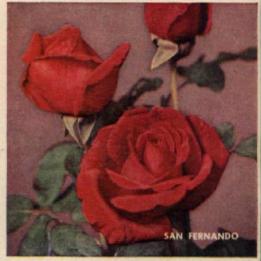














# The Best Ten Roses of the Last Decade

he last edition of Modern Roses lists nearly 5,000 named varieties. Hundreds of new ones are produced each year by the world's growers and hybridists. Perhaps, in these circumstances, any attempt to single out the best one, ten, or 100 may seem far-fetched, impractical, and futile. And, indeed, so it might be were you or I to do it, with our necessarily limited knowledge, experience, and opportunities for judgment, and our unavoidably and understandably personal preferences.

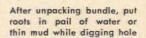
And yet a method of selecting new roses of outstanding, proven merit for recommendation to the country's gardeners has been followed for ten years, and the galaxy on the opposite page is its tenth anniversary result. In 1938, a group of leading American rose growers and originators (now numbering 27), seeking a way to help rose buyers choose wisely from the hundreds that come on the market year after year, established the All-America Rose Selections. Thereby plants of any new rose can be entered and tested for two years in 20 official trial grounds located in California (4), New York and Pennsylvania (2 each), Washington, Oregon, Texas, Oklahoma, Iowa, Ohio, Minnesota, Kansas, Connecticut, New Jersey, Georgia, and Louisiana. Here they are carefully scrutinized by expert judges and graded according to a score that lists 15 vital qualifications, such as hardiness and vigor (given top rating), duration of flowering, number and fragrance of blossoms, etc. If the score of a candidate meets an established standard, the variety is recognized as an "All-America," permitted to wear a tag with an "AARS" emblem, and promoted by all the members of the group, no matter by whom originated. How high the standards, and how rigorous the judging is indicated by the fact that since the first awards were made in 1940. only 32 varieties have qualified as All-America Selection roses.

Last year, for the first time, no candidate was found worthy of All-America honors for 1951. So the judges decided to study the records of a decade and select the ten which they considered best and which, in addition, had passed the ultimate practical test by winning the approval of the consuming public-the rosegrowing gardeners themselves. Those are the ten shown herewith in their true colors, insofar as color photography and color reproduction permit. (No one knows better than flower lovers how incompletely satisfying mere pictures can be!) Their ranking by the judges, and the years in which they first won All-America acclaim, are given in the list which follows:

PLEASE TURN TO PAGE 105

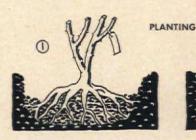
#### HOW TO HANDLE ROSE PLANTS







If planting must be delayed for days, "heel in" plants in shallow, sloping trench. Cover with soil, leaving only ends of branches out



1. Dig hole; work humus and plant food in bottom; set plant on central cone soil; spread roots. 2. Work soil in with fingers, firm with feet; or settle it with water. 3. Mound up soil 8-10 in. to prevent canes drying until growth starts. Set label firmly











In fall planting, prune at "A" and mound up. In spring planting, prune more severely, at "B." Level soil when buds start growing

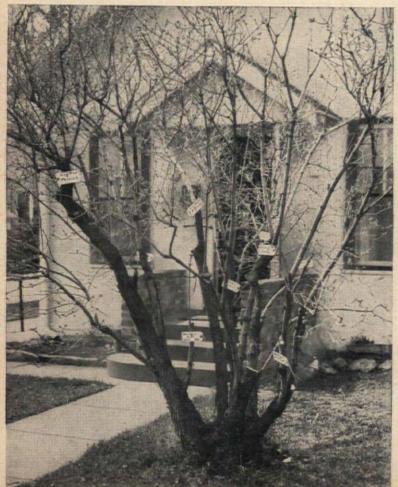
Photographs by Harold E. McGee Lilac studies from De La Mare, Arnold Arboretum, Highland Park Herbarium

# 12 Kinds of Lilacs on One Bush

You can make a "multi-lilac"

just as E. K. Kirkland did, by using
his simple grafting method

Below, Mr. Kirkland's lilae bush (planted fifty years ago by his wife) with tagged branches showing where it is grafted to more than a dozen kinds. Also the plant in bloom, with planter and grafter beside it





1. To graft a lilac, make a clean, straight cut across a branch an inch or so in diameter. Use sharp saw with thin blade, fine teeth, to avoid rough edges, split bark

2. Split limb straight across and about 2 inches deep, using sharp carpenter's chisel, preferably wider than branch. Hold cut open with screw driver thrust in center

(Please turn to page 107)





#### RUTH DENT HUGHES

Perhaps you have been impressed by adver-tisements of fruit trees that bear several varieties of apple, peach, or whatever on the one plant. You may have wondered how they were developed, whether you could make a combination tree of that sort. Well, you can, and by means that are well within the ability of any good gardener. In the case of the young, "multi-variety" trees that nurseries sell, the different kinds are usually established on the main or "stock" tree by an operation called "budding," in which a single bud of each desired variety is inserted under the bark of a branch to which it attaches itself and of which it becomes a part. When the bud starts growing, the original branch is cut off-made to abdicate, as it were, in favor of the new one.

However, if you have an old tree and want

to "work it over," as orchardists say, to one or more kinds, you can do that by "grafting," which is fundamentally the same as budding except that, instead of one bud, a twig (called a "scion") with several buds is inserted into a branch with which it unites. Because the twig is inserted in a slit or cleft cut into the stock branch, the method is called "cleft grafting." It can be practiced on plants other than fruit trees, as this article demonstrates.

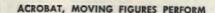
Every spring in Livingston, Montana, lilac bushes bloom beautifully all around town. But in the E. K. Kirklands' garden, one bush bursts into a veritable symphony of blossoms that attracts people from miles around. For it bears more than a dozen kinds and colors of lilacs! The explanation is Mr. Kirkland's hobby—grafting. Some years ago he conceived the idea of a "multi-lilac bush," and each spring he has added to it a new variety. Collecting the scions

of different kinds is a phase of the hobby in which Mrs. Kirkland, too, takes part. For anyone who wants to try his hand, Mr. Kirkland offers the suggestions illustrated herewith.

First, the bush must be mature, though it need not be as old as the Kirklands' which was planted 50 years ago. Do the grafting in early spring, just before the sap starts to rise. The scions, however, are cut in advance, any time during the winter, while they are dormant. Cut them about lead-pencil size, with three or four buds, and as you collect them, wrap them in a plastic sack (as used in a freezing unit) adding just a bit of moisture to keep them from drying out, and store them in a cool place in the refrigerator (not a freezer) until needed. Choose for the stock a sound branch an inch or more thick and cut it off squarely and carefully so as not to split or damage the bark. Mr. Kirkland uses an ordinary meat saw, but PLEASE TURN TO PAGE 107



Here, Mr. Kirkland with the tools of his hobby, and a newly completed graft tagged to show its history. Facing page, above, examples of colors and kinds—French, Persian, single, and double—on his one plant



Box with music and automaton: an acrobat performs in one compartment with two other moving figures, a watch in another. Painting of two children and flowers on cover. On the bottom, "The Elopement." Varicolored, gold-and-blue enamel decorated with pearls. Masterpiece of rare beauty and workmanship

#### CHILDREN SEESAW TO MUSIC

Watch set with diamonds and pearls in gold mandolin 51/4" long. Made in Switzerland about 1800. As the music plays, two children seesaw. Strings are of gold, gold sounding board is covered with translucent red enamel, bandings of turquoise. Inside of mandolin is decorated with pearls and scroll ornaments

# All wound

PULL HIS TAIL AND HE RUNS

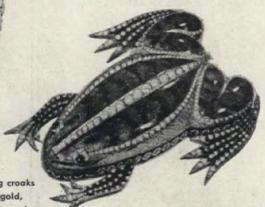


Whimsical mouse of gold studded with pearls has ruby eyes. Pull the tail to animate him: he rises on his feet, pauses a moment, darts away, stops suddenly. turns around three times, and runs quickly in another direction. The 18th Century creator of this automaton definitely created it for amusement and delight rather than use, giving it the fast startled movements to illustrate the temper of a mouse

LIFT LID, BIRD FLUTTERS, SINGS



LIFELIKE FROG CROAKS, JUMPS



lifelike green enamel, and pearls, the frog is

about 21/2 inches long. Made in Switzerland toward the end of the 18th Century, it is one of the most amusing and beautiful antique automatons in this largest collection ever assembled. Most pieces were made in Switzerland, London, and Paris from 1760 to 1830

Oval snuff box 3 inches long of gold and enamel. The miniature on the cover, encircled with pearls, can be raised to show a tiny bird which flutters its feathered wings and tail while it sings. Lower compartment has space for snuff or to hold gold key which starts the sound and action. Unusual because it was signed by each of artisans who contributed to its mechanics and beauty.

Magician's box, at right. The magician moves to conjure up a vase, flowers, and tiny bird which sings; then all three disappear before your eyes. The box is in gold with landscape on cover beautifully shown and colorfully enameled. This and many of the pieces are from private collections. Others are museum pieces



FLOWERS, BIRD APPEAR



Double-barreled gold pistol. When trigger is pulled a tiny bird appears from one of the barrels, sings his song, then suddenly disappears. The curved stock is decorated in blue, red and green enamel, embellished with diamonds and pearls. Flintlock action is of chased gold and mother-of-pearl. Side plates bear a diamond-set crown. Ramrod is really a cleverly contrived pencil

Key and pendant in the shape of a padlock with music and automatons. Of varicolored gold with pearls and diamonds, both sides decorated. Inside the pendant are two figures dueling. Made in Switzerland toward the end of the 18th Century. Although most automatons are set with jewels in precious metals, their interest lies primarily in the exquisite hand-craftsmanship and in the imagination shown by artists who created them

MARY E. MONZE

# up and ready to go

Priceless collection of jeweled automatons shown for

benefit of the Pestalozzi Foundation of America

UNLOCK PENDANT-MUSIC

The largest collection of automatons ever assembled in one place was exhibited recently in New York for the first time in the United States for the benefit of the Pestalozzi Foundation of America, a non-sectarian, non-profit charitable organization dedicated to the welfare of children.

The 165 automatons exhibited were brought together, with great difficulty and cost, from museums and private collections all over the world, on loan for this good cause. Automatons, articulated figures of people, animals, birds or objects, with complicated mechanisms to produce sound and movements, were made in Switzerland, England, and France as early as the 16th Century. However, most pieces shown are 18th and 19th Century. Some automatons are in the shape of animals, while others are combined with watches, clocks, perfume bottles, jewel cases, vanity and snuff boxes. Each movement is unique, and none was exactly repeated in any other piece. Although some of the delicate mechanisms are minute, all are in perfect working condition.

Many were created as requisites for admission into the master guild and took years to complete. Beauty and whimsy combine perfectly in expressing this rare and exquisite handcraft of the past.

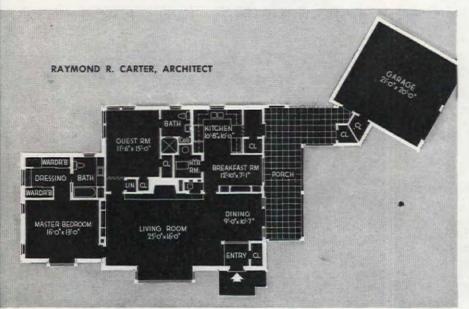
#### ENTIRE ENSEMBLE MOVES

Diana and the Stag, superb creation of automaton art. In silver, partially gilt, and set with jewels, the entire ensemble moves forward along a table. According to custom, the person before whom it stopped had to remove the stag's head, which forms a cup, and drink the contents.

Made in the late 16th or early 17th Century by Joachim Friess, silversmith, and formerly in the Gutmann collection, this piece was gift of J. P. Morgan to the Metropolitan Museum of Art









Photographs by Fred

Rugged, honest architecture, a compact plan. Elimination of stairways and basement makes every inch of space count for living. Against color scheme of soft grays and bluegreens, Mrs. Stickle skillfully blends old heirlooms and modern furnishings

# Passers-by want it!

EUGENIA WHITE



In r. and Mrs. Waldo Stickle had built up a composite picture of the kind of house they wanted to build and spent long, fruitless hours driving about the city, trying to find an example of the kind of home they craved. They will always remember the thrill of rounding an unknown corner and coming upon the Early American home that Raymond Carter, Oklahoma City architect, was building for himself. They had found the example and the architect! Before long, architect Carter was busy designing a home for Mr. and Mrs. Stickle.

The Stickle home built of ledge-rock, a native stone, roofed with weathered shingles, and sitting squarely upon the ground, preserves a sturdy, Cape Cod flavor. Yet its open plan, concrete slab floors, air conditioning, and elimination of basement and stairways make it a strictly contemporary house for all its exterior ruggedness. It eminently suits the dignified, but simpli-

fied way of life the Stickles want. What's more, like all good houses, it provides a harmonious background for things they cherish from the past, accumulate now for modern comfort.

Kitchen walls are olive-pickled fir plywood, floor a mottled tan and brown asphalt tile. H-hinges, a Colonial wallpaper in soft green and yellow with red accents, ruffled yellow curtains provide a familiar homey background for up-to-the-minute equipment. A bar opens from the breakfast room area off the kitchen, as well as being accessible to living room.

The master bedroom wing is completely private, and includes a large, well-planned dressing room as well as its own bath. Guest room likewise has its own private bathroom—a luxury rarely incorporated in so compact a plan.

The patio, added as an afterthought, was inspired by a trip to New Orleans—how pleasant that splashing fountain must be PLEASE TURN TO PAGE 102

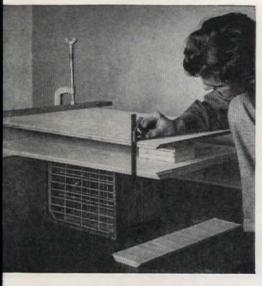




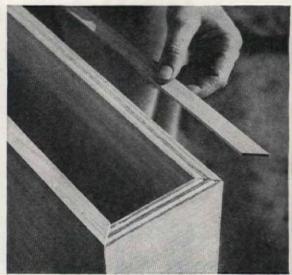
Two dining areas in this small house. This breakfast room, part of kitchen, measures a generous 7 feet 1 inch by almost 13 feet. Built-in cabinet is fir plywood pickled green, floors asphalt tile. Garage, with continuing foundation wall of coarse-textured native stone provides privacy for patio an open, exposed lot

Glue and clamp 3½-in. piece between square ends of top and bottom. Space other end with wooden blocks. Before glue sets, be sure sides are square

Glue 45° angle end in place. Drive small brads in top, side, and bottom. Countersink brads with nail set or large nail. Holes will be filled with wood putty When glue has dried, the 1/8-in. thick strips, 3/4 in. wide, are glued and nailed with brads to sides of desk where ply is exposed. You may eliminate the brads if you use small wood clamps to hold glued strips in place. Strips may be omitted if you fill ends with wood putty, dry, sand smooth













Prepare mixture of water-white or clear gloss lacquer and enough thinner to spray well. Apply 4 coats of lacquer allowing one hour between coats. Be sure temperature is at least 60°F, or lacquer will not dry. After each coat, except last, sand very lightly, or rub with very fine steel wool. Dust between coats. Allow last coat of lacquer to dry 24 hours

Now start rubbing down. (If you used varnish finish allow two full weeks for drying before rubbing down.) First go over entire piece with 4-0 sandpaper, or rubbing oil. If you use oil, wipe off with mild solvent. Make a pumice paste of FFF grade in water

Pour a little of pumice mixture on desk and rub with a piece of cheesecloth or felt pad. Use long even strokes. Be careful near the edges so as not to rub through finish to bare wood. Wipe off during process to determine progress. Look against light to check "orange peel" or small pits in surface. Continue rubbing until these are smoothed out

#### Materials needed:

3/4-IN. TWO-SIDE-VENEERED PLYWOOD—2 pieces, 24 in. x 36 in., beveled 45° on one 24-in. side; 1 piece, 5 in. x 24 in., beveled 45° on both long sides; 1 piece 3½ in. x 24 in., square on all sides. ½-IN. STRIPS ¾ IN. WIDE—4 pieces, 36 in. long; 2 pieces, 20 in. long.

6 ft. 3%-in. aluminum pipe; 2 2½-in. screws or toggle-bolts; 4 34-in. roundhead screws; 1 box 34-in. brads; glue, paste wood filler, lacquer, sandpaper, wood putty, pumice, wax, and steel wool.

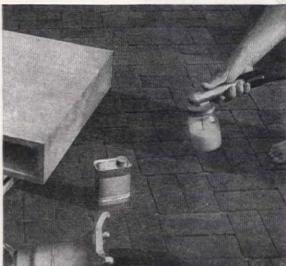
# How to Make

ing plywood with open grain, use a paste wood. Brush on, following grain of wood. Allow to ust long enough for gloss to flatten, then wipe ith a rough cloth across grain of wood. Polish soft cheesecloth. Dry 24 hours. If lacquer h is used, dry 3 days, or filler will "lift"

Apply one or two coats of sanding lacquer scaler with spray gun (or vacuum cleaner attachment), one hour between coats. For full pressure from cleaner, remove dust bag and leave cap open. Spray with wind behind you, to avoid inhaling lacquer. Apply evenly, press valve down as you start each section, release when section is covered. Spray lightly so there are no runs. Test on scrap wood, add thinner if needed

Light sanding between filler and finishing coats will give smooth surface. With piece of very fine sandpaper in each hand, rub very lightly so as not to rub through to bare wood, especially at edges

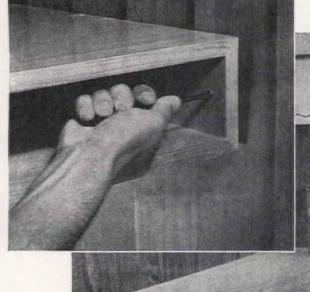








r-pin" leg is made by bending \(^3\)s-in. aluminum as shown above. Flatten ends and drill holes for screws. The desk is then screwed to the wall. If is plaster use screw long enough to reach studs to toggle-bolts. Polish desk with a pad made of fine steel wool and paste wax, then soft cloth





# a Desk

PETER GOWLAND
Photographs by the author



Photographs by autho

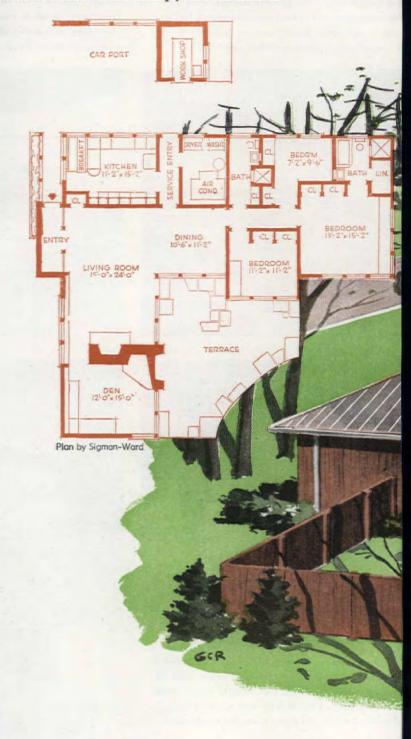
When Mr. and Mrs. Gilbert T. Rosenthal asked John Cherry of Atlanta to design them a sensible modern house without any frills, he designed a home to minimize house work, afford privacy for the four people who live there, and, most important of all, provide facilities for entertaining often and graciously without excessive trouble. The only complete all-plywood home in Atlanta, it overlooks the Bobby Jones golf course from a triangular lot. Mr. Rosenthal, a plywood dealer who appreciates the beauty of natural woods, aided Cherry in his selection of the interior and exterior materials, while Mrs. Rosenthal provided ideas for the built-in furniture.

The house is divided into three separate areas for working, sleeping, and living. The living-dining-playing space consists of an L-shaped "Big Room" with the dining area in the short leg of the L. Dining area, living room, and a den, which can be closed off from the living room by a sliding panel behind the radio-phonograph, look onto a paved terrace enclosed by a plywood wall. Fireplace and chimney are constructed of crab orchard stone. A piano, recessed into cabinets and bookcases, takes no additional floor space and, like the other intelligently planned built-ins (even card table and games are provided for), gives the house a great sense of space and uncluttered floor space.

The bedroom area may be completely shut off from the remainder of the house, and is so well insulated that noise does not penetrate. The beds, drawers, and closets of red birch plywood are built in. The only movable furniture are three occasional chairs. The kitchen is easily accessible to carport and utility room, has a folding bar for passing food directly into dining area, an abundance of architect-planned storage cabinets.

Constructed early in the year of 1947, it cost approximately \$18,000, exclusive of the air conditioning which the Rosenthals bought instead of a new car. It's a lot of house for this money, but because of the simplicity of plywood construction, it could probably be constructed for very little more today.

Open to the street on two sides, a temporary plywood fence insures privacy. When hemlocks attain maturity, fence will come down. Aluminum roof makes strikingly handsome contrast with warm plywood construction



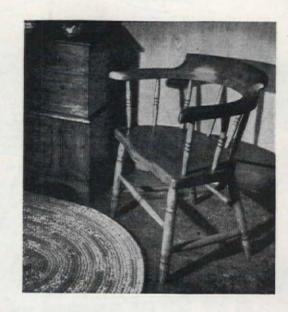
WILLIAM M. BRANHAM

# Sensible Modern in Atlanta

THE HOME of Mr. and Mrs. Gilbert T. Rosenthal



The captain's chair has a long line of illustrious antecedents. True, the first ones were made by English wheelwrights. But the design was inspired by chairs in the homes of their peers. Proof that this chair still stands in high regard lies in the fact that today's designers turn to it again and again. Though they vary it, develop it in new materials, it's still the beloved captain's chair. The first English models borrowed from the Gothic, the Chinese Mandarin, the Flemish, and Florentine roundabouts for form. Adept at bending rims and turning spokes, wheelwrights transferred this ability to making comfortable chairs, fitting the wants of the cottager. In the early days of this country, cabinetmakers working with few tools found that variations of this English chair could be made to suit the whims and needs of the individual. A low armchair with shaped back rail, spindles, and legs of hickory or oak. the saddle seat was usually gouged and worked in poplar or pine. Whether in the wheelhouse, on the quarterdeck, or at home in the parlor, it had simplicity, dignity, comfort. They made it a chair of authority—which it still remains.



Wrought iron, rust-proofed to give the same durability as the woods used in the original. Good variation on an old design, in black, coral, chartreuse, Pompeian green, white, aquamist. Arbuck, Inc., about \$40.00



# Look what's

Handsome modern translation in solid cherry with glowing ginger finish. Spindles are elongated, unusual looking. Seat upholstered in foam rubber. From Sikes Co., Inc., around \$75.00

Contemporary interpretation fast becoming as familiar to American market as original. This one in birch from Hans Knoll, about \$43.50

Familiar outline takes on a new look with cherry in a natural finish.

It's lightweight, fits in most places, and is scaled for the utmost comfort.

From Karpen of Calif., around \$89.50



A reproduction with all the beauty and simple detail of the original. Bow and spindles are of hickory, rest of the chair solid therry. L. & J. G. Stickley, about \$92.00

Adaptation faithfully follows Early American model. Leg, stretcher, and spindle turnings, shaping of seat are especially good. Of mellow seasoned birch, from Heywood-Wakefield Old Colony group, about \$35.00



GERTRUDE BROOKS DIXSON

# nappened to Captains' Chairs!

Chairs like this were designed by the cabinetmaker for a client's special requirements of style and comfort. Adaptation in birch with butterscotch finish lives up to original. Around \$52.50, from Sikes Co., Inc.



Plastic lacings replace spindles, stretchers disappear completely here, and the seat is upholstered. Only sturdy, simple design remains. In silver-elm finish, by Drexel, about \$50.00 White knotty-pine in natural or rich brown emphasizes the simple design. Pegs are simulated. Hand-hewn look gives it an informal, provincial feeling. From Habitant Shops, Inc., about \$20.00



Throwback to the Chinese influence which inspired earliest designs.

A practical answer to space saving. Equally good with modern or traditional. Cal-Mode Furn. Co., about \$55.00, upholstery extra





Photographs by George de Gennaro

Few costly structural changes were required to convert this stable into a house. Exercise breezeway with addition of front wall became living room and dining room. Stalls are now bedroom and bath. Tack room has become the kitchen

> Wood-paneled bay was added to the dinin room to enlarge room. Glass shelves a window hold collection of old cranberry vaseline, amber, blue, and green glas

Little Robin lends Grandmother a helpin hand. Kitchen is pine paneled, painte white. Black and white stencil on whit shade, cornice ruffle, decorate windo

Robin and Ronny drop over every day thave Grandmother read them a story or plathem a tune. Carpet is cornflower blue, wal a few shades lighter. Mrs. Ranson mad her own slip covers and hooked rug

MARTHA B. DARBYSHIRE

# Mother Fixed It Up!

When Mrs. Rose Ranson's daughter and her family moved to a ranch a few miles outside of Tarzana, California, it was hard to say who missed whom the most. Mrs. Ranson, an intuitive and self-reliant woman, dotes on her daughter and her daughter's family, but she had one hard and fast rule—she wanted to live in a house of her own. She was determined not to get involved in one of those comic strip mother-in-law situations.

Her family understood that, but they also unanimously decided that they needed her more than she perhaps needed them. Then they got the bright idea of turning the small ranch stable, which was fairly new but inadequate for the livestock on even a modest ranch, into a house for Grandmother.

Mrs. Ranson had always considered the conversion of barns and stables into houses an economical extravagance. But she began to have a gradual change of heart. She and her son-in-law are fast friends. He is her business counselor and a business partner, to say nothing of being her greatest challenge at the Canasta table. She certainly didn't have to think twice about the fact that she missed those daily visits with her grandchildren, Ronny and Robin. She is also the type of woman who knows down to the last dollar just how much she has to spend on any given project. Delightful as it is now to be living just a stone's throw away from her family, the stable would still be a stable

if she had not found that it could be converted reasonably and sensibly.

When it came to furnishing the house, she accomplished the job with more taste than money. Because she likes blue, a blue with a bloom on it, she made knowledgeable use of cornflower shades. The living room walls are painted a soft blue that withstands the night lights and remains true to its own color. The bedroom wallpaper is a grayed version of the same color. She has been extravagant in taste but saving in money about curtains and carpets, too. She was lavish in yardage, but why not? The curtains are cotton, the carpets a repetition of a deeper tone of cornflower blue, but in

broadfelt. She made her own hooked rugs and slip covers and used furniture that is not new, but decorative. Modern as to size, colors, and floor-to-ceiling windows, the house is Victorian in essence. Although she takes many a good-humored poke at living in a stable house, she respects her little house. As for her family—they think it's the best thing that ever happened to a stable.









# Lots of News in Gas Ranges

At a recent American Gas Association meeting, we saw enough exciting new ideas in gas ranges to keep us talking for a long time to come. With these miracle-makers, your work in the kitchen is reduced to practically nothing. Here we show you some of the most important innovations, all time- and energy-saving, worth checking when buying a new range.



Gas range bearing CP seal means it is laboratory approved to meet "Certified Performance" requirements

choosing a gas range is like buying a new hat. There are lots of them which are excellent but you'll want the one which suits you best. If you're the type who loves to fuss with fancy pastries and delicacies you'll want the range with the double oven. If you entertain a great deal and lean toward broiled foods, the two-broiler range is your ticket. We know through a survey that 80 per cent of our cooking is done on top of the stove, so the number of burners is important. You can buy an eight-burner range for more money—burner arrangement clustered, staggered, with divided top, or arranged along the back. If you work or are socially active, you undoubtedly spend a great deal of time away from home, and the clock control, which turns off and on automatically, becomes your silent helper. There's a new pilot which lights electrically, allowing you to choose any variety of foods for oven meals, then at the exact time which you've set, clock control registers, pilot is lit electrically, heat starts, and your meal is on its way.

HIDDEN VALUES are the many virtues a range might have which don't always meet the eye at first glance. Have your dealer point them out to you. Ask to see specification sheets. Investigate the range's insulation most carefully—it's important. Be sure the exterior is baked-on porcelain enamel, not "japanned" painting. Be sure the oven racks lock in place, to prevent spilling when you pull them out. Crowding in ovens results in badly turned-out food, so get the biggest oven you can conveniently handle. Make your choice between the small drip pan or the well-type drip-cups under the burners. Chances are you will have to compromise to some degree, since one range will probably not have everything you prefer, but if you examine them all carefully you'll be sure to find something which will please you.

How Much to PAY is naturally up to the individual. Sometimes, however, it's smart to pay a little more money than you planned, if in return you get the invaluable benefit of time saved and labor reduced. Find out from your dealer what the price-tag really means—some include installation, others don't. The lower priced group, \$100-\$150, includes four burners, an oven with thermostat, under-the-oven broiler with porcelain pan, some with automatic lighting of the top burners. In the medium-priced group, from \$160 to \$270, you're apt to find some of these: a lamp on the backsplash; electric minute-timer; electric outlet; chrome broiler pan; a few with griddle or deep-well cooker. This group usually gives you a choice of a high or low broiler, plus extra storage space. The highest priced group, \$280 to \$400, is deluxe,



A. H.'s Home Equipment Editor, Edith Ramsay with Norval Jennings, American
Gas Association, and Leonard Rhodes, Lyon Metal Products. Model kitchen
with Lyon cabinets was designed by THE AMERICAN HOME for AGA meeting



Sterling Beck of Estate explains extra-large griddle and foot-square replaceable grate to Editor Ramsay. With Grid-All, foods are grilled rather than fried, can be replaced by grate which holds jumbo kettles up to 21 qts.



Julius Klein of Caloric shows our editors how their porcelain-enameled broiler is designed so that not only broiler pan and rack, but entire broiler drawer and drawer front can be removed completely from range and washed in sink. To remove, lift latch on bottom of broiler. Is just as easy to replace



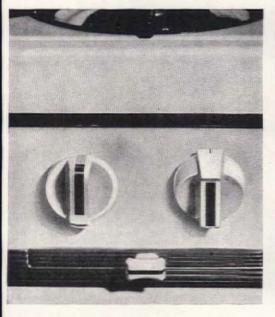
For serving broiler meals attractively, Roper's "Serv-Hot Grill" gives you enamel pan with grill for broiling and chrome tray to slip grill onto for table service



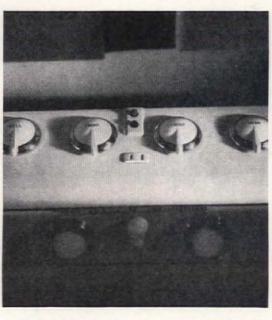
Because it lifts out all in one piece, the Magic Chef top burner unit simplifies the cleaning job. Unit is porcelain enameled inside and out to prevent rusting



Western Holly's built-in gas oven is placed at proper height for convenient use. Removable rack holders give two inches more space in oven for turkey roasting



Note distinctive up and down positions of cleverly designed gas keys on Detroit-Michigan's range. A glance tells you immediately whether or not the burner is on



For convenience in operating and out of reach of children's fingers, Maytag's gas keys are placed on streamlined control panel located in the center of the range's backsplash



Warming shelf which will hold up to twenty-five pounds can be used for drying foods, serving from range top. Disappears when not in use. By Western Holly



Absentee cooking on top burner is offered by Western Holly. Clock controlled burner will turn on, shut off at times for which you have it set. High-heat ename! Tempa-Plates over flame give even heat distribution



To overcome unsightly walls which come from ranges' venting at back, Murray places almost invisible vents across front of their range backsplash. Grease is deposited on range top, is simple to wash off with each use



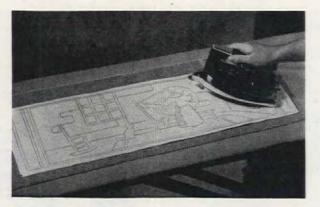
Florence uses a double-glass oven window for good insulation, and, for easier cleaning, inside glass slips out to go right to the dishpan. A light you can switch on, and off means convenient checking of baking foods



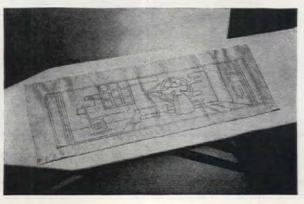
# How to Make a Rug

DOROTHY LAMBERT TRUMM

Cut burlap, allowing 1½ inches extra on 4 sides for hem. To transfer design, place burlap on board. Fasten transfer design in position, design face down. Press with iron hot enough to scorch paper



Design must be clear and unbroken on burlap. If any part of design is not clearly defined, go over it with India ink. If you are a "first-timer," color design with crayon as a guide in shading



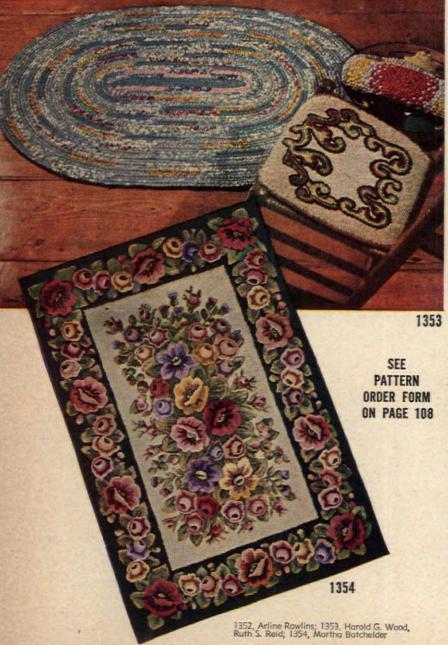
ugmaking is actually painting with bits of yarn or fabric. Anyone with patience can learn, and it's a hobby that grows on you. Give it a try and then see if you can stop! You can buy a pattern and make any of the pretty rugs on this page. We show here step-by-step photographs for making one riser of our Historical Stair Runner, Pattern 762. This is a transfer. (Some of our rug patterns are tracing designs.) Wool yarns may be used, or, if you want to save some money, you can cut up old woolen clothing which will also give your rug a most individual stamp. First rip them apart. Discard all parts too worn for use. Remember you want your rug to wear well, so use only firm parts of fabric. Wash and rinse thoroughly. Dye if necessary or desired. There are two ways to cut strips, shown above and on facing page. For a heavy tuft rug, cut strips 1/4 inch wide. For a fine weave, which is best for shading and clarity of design, use one of the new moderately priced rug strippers. You can cut all even, straight strips as

PLEASE TURN TO PAGE 52

1349 Our pattern for making lovely floral rug, size 9 ft. 9 in. by 8 ft. on facing page, contains tracing design, full instructions, price 75¢. 1350 4 hooked stair treads, transfer pattern. Amusing train with chugging locomotive, bucolic cow with her calf, running colf, and sailing vessels, price 55¢. 1351 Easy-to-make braided stair runner. 25¢







### How to Make a Rug (Begins on page 50)

fine as ½ inch wide and four at a time! Or you can do the cutting by hand. It's one of those on and off tasks you can do when you have a free minute or while listening to your favorite radio program. Roll strips into balls to keep in order.

A frame is not necessary although many rugmakers find it easier to work with. If you decide to dispense with a frame keep this in mind: Start at center of rug, always outline design first, fill in rest of design, then do background. A simple 25¢ rug hook available at dime stores or in needlework departments will do as good a job as any. Be sure the wooden handle fits your hand comfortably. Use first-quality burlap, monk's cloth, or heavy linen for your rug base. Keep all ends of strips on top (right side) of rug. They will be concealed between loops and won't pull out. Keep your loops close together so rug is firm and evenly covered. It's as simple as that. When you begin to think of using that rust tweed coat or those soft brown slacks that still have a year's wear in them, watch out! You've really caught the rug bug!

ADDITIONAL INFORMATION ON PAGE 99

1352 Hooked rug makes handsome welcome mat for your doorway. Beautifully drawn roses shaded almost as perfectly as the real thing. Transfer, price 60¢. 1353 Has 2 patterns, one for a "twisted" rug, looks braided (ald but strong cotton strips may be used), one for a hooked chair pad (transfer for pad) price 45¢. 1354 Is a colorful floral hooked rug, a great favorite. Size approximately 40 x 58 in. Transfer pattern. \$1.00





Hold strip under stamped burlap, design on top. Pull one end of strip through burlap 3/16 inch high. Pull up first loop next to this end, same height. Repeat, following design. Keep loops close

# -its importance to your family and YOU





## Soup, Sandwich and Dessert

A nation-wide survey, to determine *types* of dishes most frequently enjoyed for family lunches, shows "soup, sandwich and dessert" to be among the favorites. Many different kinds of soup were served —including this delicious whole bean and bacon-flavored soup.

Bean with Bacon Soup

Corned Beef Sandwiches (with chili sauce) Lime Gelatin Coffee or Milk

## BY Anne Marshall

ANNE MARSHALL

Director Home Economics Campbell Soup Company Yes, when you stop to think about it, lunch is important, isn't it? Vital, really! Nutrition experts say the lunch you serve can affect your family's very health and happiness. For at lunch you restore the morning's used-up energy; and provide energy for the afternoon's work or play—whether you are man, woman or child!

Take your husband. These same experts say every man needs an adequate and well-

balanced lunch—for health and energy and to do good work. And your children, too, need one hot dish in every school-day lunch for health and growth—yes, and for good marks, too.

A substantial soup is an ideal main dish for lunch. Good hot soup is so appetizing...so easily digested... so nourishing and sustaining. Why not try the lunches suggested on this page, for a starter?

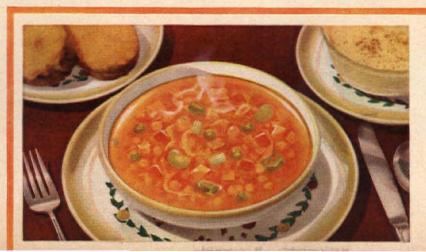


### Soup and Salad

A popular combination of foods at noontime is "soup and salad". In the menu below we include one of the favored soups—cream of celery. You'll find it tasty and nourishing, without being too heavy.

Cream of Celery Soup
Peach and Cottage Cheese Salad
Bread, Butter and Jam Hot Chocolate





## Soup and Dessert

(A meatless soup for a meatless meal)

Vote-winning, also, is a lunch consisting of "soup and dessert". For the many people who may prefer a meatless lunch, the menu below features vegetarian vegetable—a soup crammed with luscious garden vegetables.

Vegetarian Vegetable Soup Toasted Cheese Rolls Baked Custard Milk

(Other meatless soups: cream of asparagus, black bean, cream of celery, clam chowder, green pea and tomato)

# Place and Show

This month's setting has two big things in its favor: first, the subtle oriental beauty of bamboo, combined with the blooming loveliness of begonia blossoms; second, the economy of it all, since in many cases all you will have to do is snip flowers from your own house plants. In this way you not only gather for yourself a handsome handful of table-trimmers, but also help your plant to become stronger, since pruning gives new verve and prevents branches becoming "leggy."

If your "winter garden" doesn't include a begonia, there are other plants which are equally effective, such as coleus or geranium. Many of us are apt to have some sort of greenery around the house at this time of the year when fresh flowers aren't too easy to come by. In fact, you can make a lovely picture with just foliage, if that's all you can find. Begonias are suggested because they're

popular as indoor plants and so easy to care for.

The table setting fits right in with the flowers. The pottery has a bamboo design in the famous Ballerina shape, and is not only beautiful to look at but also takes oven heat, which comes in handy when it's necessary to keep the food warm. This fetching set retails for about \$6.95 for 20 pieces and is also sold in open stock. The place mat is woven of a coppery-gold metallic thread, accompanied by an Irish-linen napkin 18 inches square, with a 2-inch hand-fringed border. The scene is kept informal with an amber crackled mug. Dirilyte tableware, golden in color, scratch-resistant, completes the setting. This pattern is equally good for informal or formal dining.

Everything here, including the bamboo mats and flower holder, is moderately priced, yet the entire ensemble is strikingly rich-looking.

For containers, saw bamboo flower holder into two sections. Use plastic cups to hold water. Wire test tube to florist's stick and wrap with green florist's tape

Place sections of bamboo diagonally on two bamboo place mats. Place pin holder in cup and impale stick of test-tube holder on it to give height to shortstemmed foliage. Fill with water

Materials: Cuttings of begonia foliage and flowers from house plants. After height is established, add brown-toned foliage to form interesting continuous curve when viewed from any angle

Complete the design with begonia flowers and more crisp plant leaves. Result—a harmonious effect in texture and character of plant materials and accessories

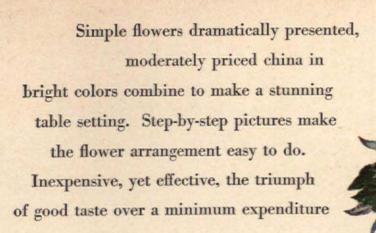




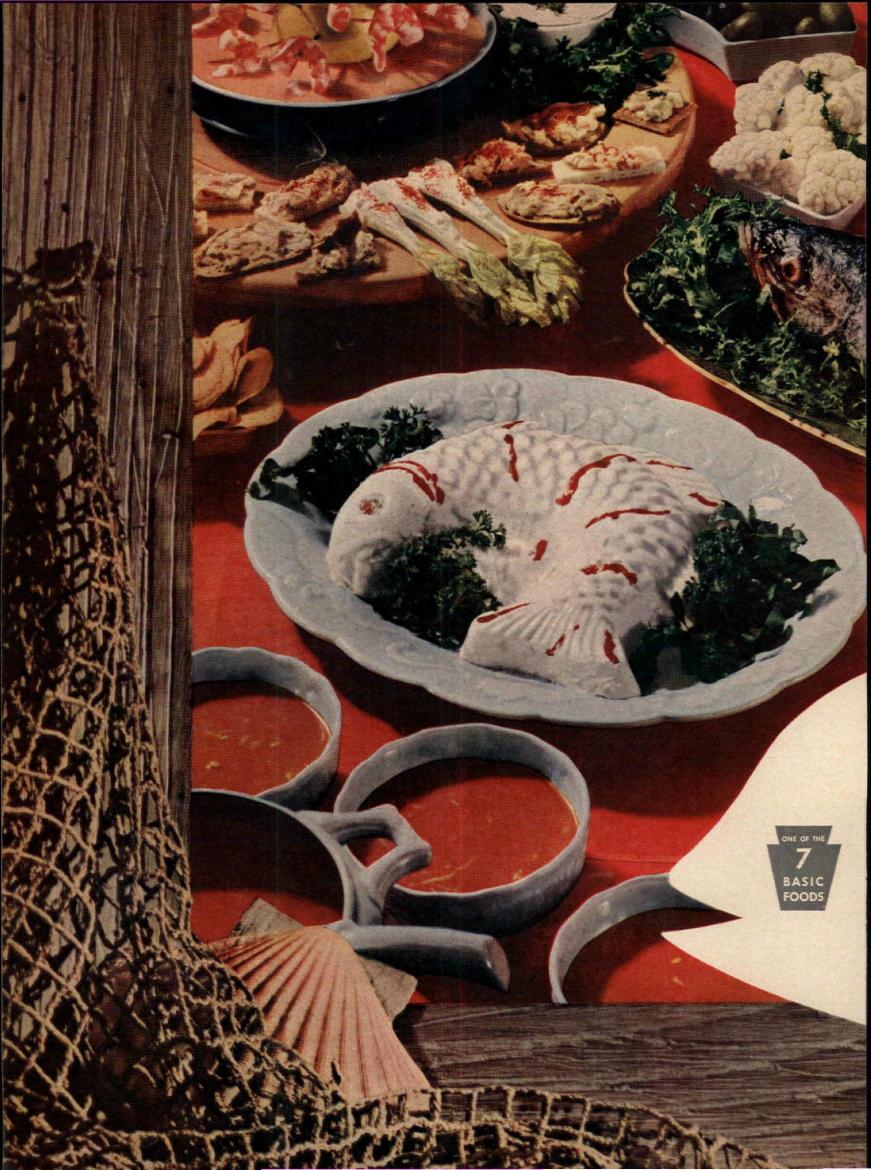




Place mat, Grace Richey Clarke. Napkin, Table attire by Florence. China, "Bamboo" by Universal Potteries. Flatware and holloware, Dirilyte Co. of America. Glass, Pilgrim Glass. Photographs by F. M. Demarest









# Anybody here like Sweet Spring Peas?



Here you are! DEL MONTE Early Garden Peas are full of sweet spring flavor—meltingly tender, too.

And well they should be! No immature, flavorless peas here. No oversize ones past flavor prime, either. But the best of all the rest—

All the flavor-filled middle sizes—the tenderest, tastiest peas of each size selected and packed together—the smaller, sweeter peas blending with the larger, richer-tasting ones, for natural flavor.

Why don't you try DEL MONTE Early Garden Peas?

Quality-selected
from all the
FLAVOR-FILLED
"middle" sizes



- 3 cups hot cooked rice 1 cup (2½ oz.) cut dried beef (rinsed if very salty)
- 1/2 cup each: chopped green pepper and sliced celery
- 2 thsps. chopped onion
- 2 thens, butter or margarine
- 2 cans cream o
- 1 cup milk
- 1 tsp. Worcestershire sauce
- 2 No. 303 cans
  DEL MONTE Brand
  Early Garden Page

Sauté dried beef, green pepper, celery and onion in the butter 10 min. Stir in soup, milk, Worcestershire sauce; heat. Strain off sauce; keep hot. Toss dried beef mixture lightly with the rice; pack in oiled 5-cup ring mold. Place over steam about 5 min.; turn out on hot plate. Fill with hot, seasoned peas; serve with the sauce. Serves 4 to 6.

# Del Monte Early PEAS

-the brand that puts flavor first



1. Serve any or all of the following, thoroughly chilled, with salad dressing pre-mixed or oil, vinegar, salt and pepper for self-mixing. Assemble in garlic-rubbed bowl. Arrange for color contrasts, but keep each kind in orderly groups for easier selection. Quartered heads of lettuce; broken bunches of chickory; peeled, quartered, not-too-ripe tomatoes; quartered, hard-boiled eggs; thin slices of seeded sweet red peppers, mild green, yellow peppers; thin slices red Spanish onions; radishes; raw carrot sticks; ripe, stuffed green olives; thick slices boiled potatoes; cooked string beans; flowerets of raw cauliflower; anchovy fillets; finocchio; cooked zucchini slices.

2. To serve with skewers, combine any or all of following on bed of cracked ice: Rounds of carrots; cucumbers; quartered, peeled tomatoes (not too ripe); sweet onions; large pieces of seeded sweet red peppers, green peppers; stuffed green olives; pitted ripe olives; gherkins; radishes. Must be served very cold.

Recipe by Jean Austin

Italians frequently serve salads in this manner, and a pleasant idea it is. I herewith recommend it to you for its beauty, for its ease. Use your imagination in the assembly of colors and textures-from then on your family or guests are on their own.

Before we leave our salads, another good idea I'll leave with you. I believe this idea is original with me-I've never seen it done elsewhere-but that's beside the point. Again, it makes a pretty dish on the table. It, likewise, is selfservice. But this one's different in this respect-it's the answer for those hostesses who feel no party meal is complete without a tossed green salad, despond over the inevitable stains from spilled greens perched precariously on heaped plates. This one I call Spear-it-

PLEASE TURN TO PAGE 82

### **Good Victuals**

(Begins on page 59)

-slowly, aromatically and untemperamentally should the scheduled time run over-is that good, good steak. Noodles quickly boiled and buttered, carrots ditto-and out of the kitchen comes little ole you, bearing one big, beautiful platter. Come on, food's on!

Whether the clarion call be for buffet guests or a hungry family some blustery winter's night, isn't it a very good meal for very little work and very little cost? I think it is, for it is one I serve often. The main dish-steak-costs so very little. It is hearty, calls for easily prepared vegetables. It is not a banal thing to offer guests. The dessert is glamorouslooking, easy-doing. Guests have the novelty of choosing and assembling their own salad. The whole is pleasing to the eye, satisfying to the stomach, easy on the cook, considerate to the purse. Can one ask for more?

About that good, cheap beef. There are two reasons for its being good. One, slow cooking. Two, merciless pounding, once you get it home. Your mother never dreamed of starting housekeeping without a great murderous-looking cleaver, and she started housekeeping when meat had not reached the astronomical heights your butcher posts up today. She had a cleaver because she liked this kind of cooking. For you, it's an absolute necessity for budgeting reasons alone. Sure, the first time you pick it up it will startle the living daylights out of you, but summon your courage, grasp it firmly, lay it on the flat of its side and beat the stuffings out of a cheap cut of meat. See how tender and amenable it becomes. First thing you know, you'll serve the cheaper cuts from genuine preference over less flavorsome, but more expensive cuts. Your cleaver will have earned its way into your champagne palate as well as your beer pocketbook.

The toughest fibers have cringedand broken down-under the blows of our mighty cleaver, so we'll move on to salad talk. In all your life have you ever seen a centerpiece more stunning than the bowl we've heaped with salad makings? Just raw vegetables and greens, but as beautiful on your table as flowers-and twice as good to eat.

steak diable

Melt 2 tbs. butter in a Dutch oven or a large, heavy black iron frying pan with tight-fitting cover. Brown 1 large sliced onion and 1 tsp. mixed dry herbs (or Herb Bouquet) in melted butter. Remove and discard the onion slices. Add and brown in same pan 1 flank steak, cut into 2" x 2" pieces and rolled in 2 tbs. flour. When steak is brown on all sides, push meat to one side and add a roux of 1 tbs. flour and 1 tbs. cornstarch moistened with a bit of the liquid in pan. Blend thoroughly and allow to brown slightly. Now add: cups unsweetened, hot pineapple juice, or 2 cups Burgundy wine 11/2 ths. cider vinegar

1 tsp. salt

1/2 tsp. pepper

1/4 tsp. paprika

1 tsp. dry mustard

Mix thoroughly with meat, cover tightly. Simmer over very low heat at least two hours. Meat should be tender enough to cut with a fork. Longer cooking won't hurt it. Gravy may be thinned a little after removing meat, but a rich, heavy gravy is called for. Serve on a bed of buttered, poppy-seed-sprinkled noodles and hot, buttered carrots, a bit of finely chopped mint mixed with the butter.

by Jean Austin

 coffee chiffon pie, coffee-nut crust

Makes filling for a 10" pie

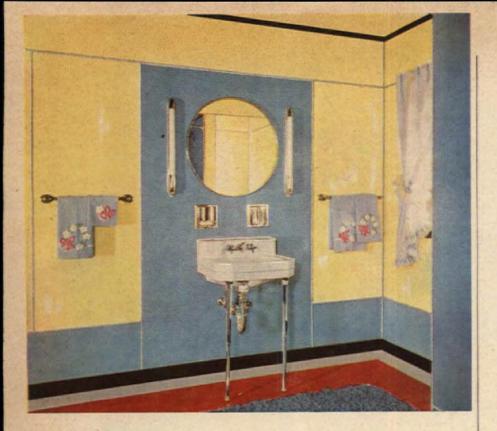
Follow directions on pie-mix package, substituting coffee for water as the liquid, and bake, unfilled. Cool.

As a variation, very finely crushed nuts may be added to mixture, before coffee is added and pie crust is rolled. It makes a very subtle differencebut, to my way of thinking, worth the extra trouble.

In a large mixing bowl, soften 2 envelopes (2 tbs.) plain unflavored gelatin in 6 tbs. cold water and let stand 3-5 minutes. Add 3 cups hot, very strong coffee (freshly made, in proportion of 3 tbs. coffee to 1 cup water). Stir until dissolved and set aside to cool. When gelatin is firm, whip with rotary beater until it is soft and fluffy. Fold in 1/2 pint heavy cream beaten moderately stiff and flavored with 3/4 cup sugar, pinch of salt, and 1 tsp. vanilla or black walnut extract. Pour into baked pie shell and chill at least 3 hours. Just before serving shave some chocolate on waxed paper and arrange around edge. Whipped cream can be used as a topping, of course, but makes the pie very rich and is not as subtle as is chocolate with coffee.

Recipe by Jean Austin







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NAME

ADDRESS\_

CITY\_\_\_

STATE

Call Her.
Clever

Chances are that when your great grandchildren are sitting around talking about colorful women of the past, Perle Mesta's name will come as readily to their minds as those of Barbara Fritchie, Mary Pickford, or Priscilla Alden. Now the United States Minister to Lux embourg, the third woman to be given such a high honor by her government, she has become a well-known figure on the American scene

For many years she was best known as the leading hostess of Washington, D.C.—an exacting role which her natural talents and knowledge of politics, business, and people enabled her to perform brilliantly. Now as the head of the U.S. Legation in Luxembourg, she has won new fame for her gracious and expert handling of a job in the difficult and all-important field of international relations.

Meeting Mrs. Mesta even briefly gives one an immediate clue to her success both as a person and as a career woman. She exudes warmth and a natural, unassuming charm and sincerity. She does everything with ease and simplicity and leaves you with the feeling that when she is talking to you her main interest is you.

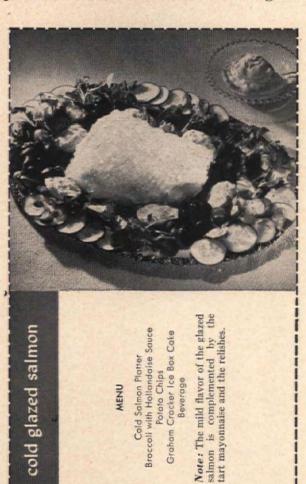
Like all truly great hostesses, Mrs. Mesta understands the in dispensable value of thoroughly organizing a party down to the last minute detail. But she has also that quality that brings a party to life—a real flair for making people enjoy themselves. She enjoy giving parties, and her guests find this pleasure contagious. She is also the first to point out that a party needn't be elaborate to be enjoyable. She serves the fish recipes on the following page frequently at partie and says that they are always top favorites with her guests.

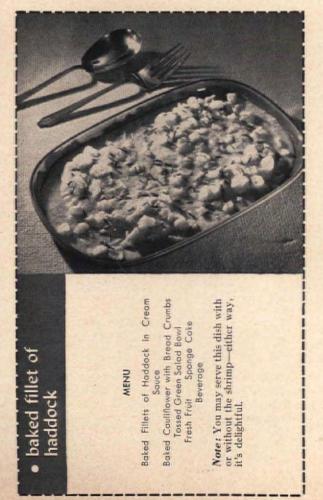
Food is one of the high lights of any party, and serving the dis that everyone will like is the open secret of all successful entertain ing. Fish, she finds, is one of those foods, and it appears frequently on her menus; lobster and sturgeon for larger parties, broiled and baked fish with sauces for smaller ones. When she serves hot fish as the main entree, Mrs. Mesta accompanies it with a mixed green salad. She favors cauliflower for a vegetable and diced fresh fruit for dessert. With a separate fish course preceding the entree, she serves sliced tomatoes and cucumbers. Although she likes most varieties, her favorite is fillet of sole with hot butter-and-almond sauce

Another secret about Mrs. Mesta—she's as enthusiastic about catching fish as she is about preparing and serving them. Years ago shoused to go trout fishing with her family and friends in Colorado Now, when she gets a chance moment away from her official life she goes trout fishing with the burgomasters of Luxembourg. Fis is a very popular dish there. Even so she has taught many new fis recipes to her Luxembourg chef and her French cook. An enthusiasti cook herself, she wishes she could spend more time in the kitchen.

The real warmth of this talented woman is apparent when sh speaks of the country where she now lives and works as America Minister. "I love it. I don't like it. I just love it," she says. N wonder that she has received such a warm reception from new friend abroad. We are happy to welcome her to The American Home. Recipes on pages 64, 68.

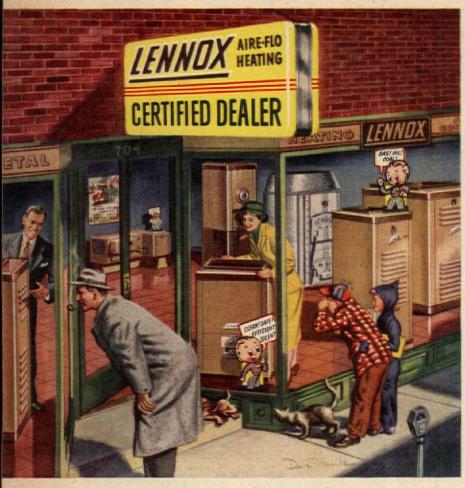
Ars. Perle Mesta, the U. S. Minister to Luxembourg, presents some of her ideas on serving fish







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### Call Her Clever (Begins on page 62)

cups fish stock tablespoon gelatin, unflavored

cup celery, chopped

Wrap fish in cheesecloth. Fill a kettle with enough water to cover the fish. Add onion, salt, and celery, and bring to a boil. Reduce heat, immerse fish, and simmer about 12 minutes per pound. Do not permit water to boil while fish is cooking. Drain fish, allow it to cool in cheesecloth. Save fish stock (also known as "Court Bouillon"), Remove cheesecloth and skin of salmon. Soak gelatin in a little of the stock, in top of double boiler. When the gelatin has dissolved, add it to the rest of the stock. Chill. When the gelatin is about to set, pour it over the fish or brush it over the fish to glaze it. (If you don't want the salmon glazed, use the gelatin as follows: Permit the gelatin to stiffen in a bowl, turn it out onto a board and cube it with a knife. Surround the fish with the cubed gelatin.) Place salmon on platter, surround with water cress, garnish with mayonnaise. Add marinated cucumbers, radishes, olives, and deviled eggs.

cold glazed salmon

- or 4-pound salmon st onion, small, sliced teaspoon salt

bunch chives, chopped cup shrimp, cooked, chopped Make 1 recipe Perle Mesta's White Sauce 4 haddock (or other fish) fillets

baking dish. Pour sauce over fillets minutes, 25 mini platter Bake the fish in a moderate oven (350°F.) for about tender. Remove to platter and top with shrimp. Place until shrimp are hot, Garnish with chives and serve, Make white sauce. Place fillets in

GRAVIES, "Perle Mesta's White Sauce"

in THE AMERICAN HOME KITCHEN

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### Call Her Clever (Begins on page 62)



ilk gradually and with wire whisk



Note: Mrs. Mesta's white sauce is richer than the basic white sauce, since it has more butter than flour. For a basic medium white sauce, use 2 tablespoons butter, 2 tablespoons flour; for thin sauce, use 1 tablespoon flour; for thick sauce use 3 tablespoons butter, 3 tablespoons butter, 3 tablespoons flour. In each case, follow procedure

In each case, follow procedure given in Mrs. Mesta's recipe. Other variations: (1) English walnuts and water cress, chopped, and seasonings; (2) ½ teaspoon dry mustard; (3) 1 tablespoon chili mooth and fluffy the milk graduall





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### Call Her Clever (Begins on page 62)

(File under "Sauces & Gravies")
Makes 11/2 cups sauce

tablespoons butter

1/2 tablespoons flour cup milk, hot

14 teaspoon salt 18 teaspoon paprika Variatior

Blend in flour. Pour milk ika or pepper. Cook until . Add choice of variation salt and paprika minutes. low heat in double boiler. 10 about wire whisk. boiling. Melt butter over in slowly and stir with sauce is smooth and and mix well

(4) 1/2 teaspoon Worcestershire sauce; (5) I teaspoon sherry; (6) I teaspoon (2) grated nutmeg; (3) r teaspoon lemon Variations: (1) celery

Tested in The American Home Kitchen

baked whitefish with cheese

(File under "Fish") Prepare for cooking a 3-pound whitefish,

teaspoon onion, chopped cup green pepper, shredded cups cracker or bread crumbs cup mushrooms, minced tablespoons butter

teaspoon paprika cup grated cheese

egg, beaten teaspoon salt

beaten

t with snappy cheese. Bake in a pan lined with heavy a moderate oven (350°F.) allowing 15 minutes per water and butter (2 parts water to 1 part butter). Melt butter. Add remaining ingredients and sauté for 2 minutes, with the dressing and clip or sew the sides together. Roll the fish cheese, or spread it with snappy cheese. Bake in a pan lined with he foil, in a moderate with hot water and or paper, Baste grated cheese, waxed pound.

serve fish with Hollandaise

## Folks Always End Up In the Kitchen!







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### TAKE A TIP

ELEANOR LEE JONES

When using your electric mixer for folding in flour, fashion your own scoop for the flour by sifting flour onto sheet of heavy waxed paper or aluminum foil; holding two opposite edges together, pour flour into mixer bowl from scoop.

If it's hide-and-go-seek when you're hunting for handkerchiefs in the washing machine, place them in a net bag made from two knit dishcloths. Swish through wringer in the bag, too, and there they are all together for hanging in one place on line or placing in dryer.

Next time you're waxing floors, apply a coat of wax to your dustpan and see how much more easily the dirt slides off.

If corks slip into salt and pepper shakers every time you fill them, an effective substitute is adhesive tape which may be put across the bottom of the shakers—so easy to remove and replace!

Turkish towels may be worn but still have lots of uses: they make good fillers for pot-holders; a largesized piece can be used for applying furniture polish; try using small, damp pieces for picking up bits of broken glass—be sure to discard!

If you find the headings on your curtains are torn from the rough, jagged edges of curtain rods, we suggest dipping one end of the rods in melted paraffin and allowing to harden. When ready to hang curtains, slip paraffin end of rod through curtain.

A good use for scraps of soap from the bath, laundry, and kitchen is a soap jelly to be used just as you use soap flakes. Divide into two groups, bath and laundry soaps; then collect in separate jars and allow to dry out well. To make soap into uniform bits, use your meat grinder with coarse blade, and tie a paper bag over head of grinder to simplify the cleaning-up job. After grinding, add ½ cup soap to 1 quart water and place in top of double-boiler. Steam until completely dissolved, cool, place in jar to jell.

Bath-soap jelly does an excellent shampoo job, and can be used for washing lingerie, too.

Jelly made from laundry soap has a thousand and one uses. If you use a soap powder for laundering, dip brush in jelly, and treat ingrained soil—watch unsightly lines on collar and cuffs vanish as if by magic! Never use soap jelly with a detergent; they will not mix chemically.





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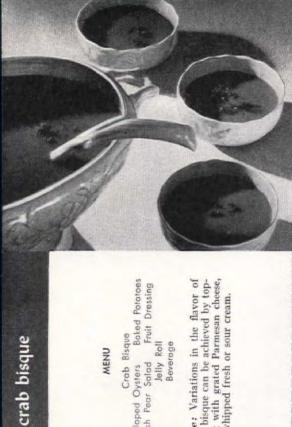
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CITY....STATE

70



Crab Bisque Baked Potatoes Jelly Roll Scalloped Oysters Pear

bisque can be achieved by topping with grated Parmesan chee or whipped fresh or sour cream. Note: Variations in

fish canapés and

will make your appetizer tray ex-citing and appealing. There is an those canapes and hors d'oeuvres that are hot, hot; those that are cold, cold. Use your imagination in creating attractive garnishes that those canapes and hors d' using fish should be with other varieties.

## Fish Story (Begins on page 56)

if you buy in the early part of the week the supply is often the heaviest, and demand lightest.

How can you tell if fish is fresh: Look it in the eye. Fresh fish has clear eyes, clean, odorless gills. Touch him-the flesh should be firm and elastic, your fingers should leave no impression. Inhalefresh fish smells clean and salty-like sea surf.

What kind of fish should you buy: That's a hard one to answer. Naturally you're going to get the kind you like, but there are two general categories. Fat and lean fish. Fat fish such as sea bass, lake trout, halibut, mackerel, pompano-they're best baked or broiled. Lean fish include bluefish, flounder, haddock, perch, and swordfish—steam, broil, or fry them. If you find a good bargain, buy some and put it in the home freezer. If you have a fine recipe PLEASE TURN TO PAGE 74





tuna and vegetabl

MENU casserole

Consommé with Lemon Tuna and Vegetable Cassera Cole Slaw with Pineapple orn Bread Plum Jelly Deep Dish Apple Pie

various vegcan be Beverage : This

such as peas, reen beans, or

so easy to use!

with unwashed glasses!

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for between-meal drinks

· for fruit juices, soft drinks

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salmon mousse

Salmon Mousse with Nut Sauce Scalloped Poratess Buttered Asparagus Tips Hot Clover-Leaf Rolls Butter Crabapple Jelly Chocolate Coconut Layer Cake

nousse is cold, and the serve the sauce separately so

h Salmon Mousse. S sse is cold, and the s

: A he

Corn Bread

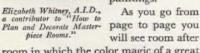
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orators say "It is amazing. Every woman should have one of these won-derful booklets."



# tuna and vegetable casserole

"Casseroles")

File under

Serves

½ cups milk tablespoon lemon juice teaspoon nutmeg

tablespoons green pepper, chopped tablespoons flour onion, small, chopped tablespoons butter

teaspoon salt 2 /4/8/8

teaspoon pepper teaspoon paprika

cans tuna fish
package lima beans, frozen, cooked
cup crackers, rolled
pound cheddar cheese, sliced thin

ture and stir constantly till thick (about 5 minutes). Add tuna oil and lemon juice and cook for ten minutes. Grease casserole. Alternate in layers, cracker crumbs, lima beans, cheese, and sauce. Bake in 450°F. oven about 10-15 minutes, or until top is a toasty brown. Melt butter in top of double boiler; add onion and green pepper and golden brown. Gradually add flour, salt, pepper, paprika, and nutmeg. Blend well. Then place top of double boiler in lower section. Add milk to mix-Melt butter in top of double boiler;

Tested in The American Home Kitchen

(File under "Fish")

salmon mousse

Serves

2 cups salmon, flaked, cooked Juice of ½ lemon Pimiento strips cup cream, heavy, whipped tablespoons gelatin, unflavored cold water boiling water

in cold water 5 minutes; add boiling water, stir until dissolved, and chill until slightly thickened. Fold in mayonnaise and cream; add salmon. Lightly grease mold. Line with pimiento strips and fill with gelatin mixture. Chill until firm. Soften to stand. juice over salmon and allow Squeeze lemon mayonnaise din din

grease gelatin

Unmold on serving platter and

See: SAUCES & GRAVIES, "White Sauce with Variations"

Tested in THE AMERICAN HOME KITCHEN

fish canapés and hors d' oeuvres

(File under "Appetizers")

canned chopped clams; spread on buttered bread

bread squares;



spread on crisp cracker. Combine flaked whitefish, cottage cheese, chopped onions; spread on salty rye

Combine cream cheese, chopped onion, chopped cooked shrimp, and lemon juice.

squares; toast, serve hot. Combine peanut butter, grated cheese, anchovy paste; spread on

toast, serve hot.

and

cream cheese

Combine blue cheese, mayonnaise; spread on toasted wheat bread. Garnish with

spread on white toast.
7. Combine anchovy paste, cream cheese, chopped anchovy fillets, Worcestershire

cheese, Angostura bitters,

slice of smoked salmon. Combine sardines, cottage

9

bread.

in

Worcestershire sauce;

sauce, lemon juice, and mayonnaise; serve on crisp cracker. Combine cream cheese, flaked crabmeat, mayonnaise and grated cheddar cheese;

8

6

10.

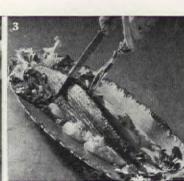
Tabasco sauce, lemon juice, chopped

Combine cream cheese, flaked whitefish, chopped nuts, mayonnaise; fill celery stalks

fresh cooked shrimp on tooth pick; serve with spicy cocktail sauce.

onion; serve on soft or toasted white bread. Combine flaked crab meat, mayonnaise, spread on whole wheat bread squares.





"Soups") Serves 6 dno 13 teaspoon pepper 2 cups milk 1 bouillon cube dissolved in 14 (File under

can tomato soup, condensed can split pea soup, condensed 7½-ounce can crabmeat, flaked teaspoon salt

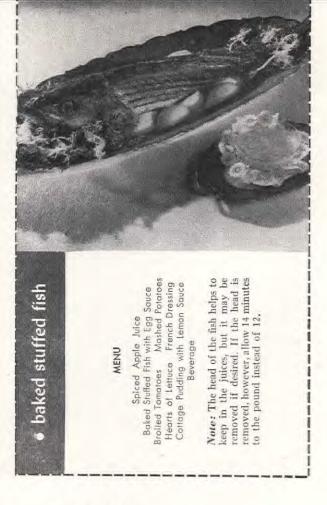
mock turtle soup

boiling water Juice of ½ lemon

4 cup sherry

Combine all ingredients except lemon juice and sherry; heat. Just before serving, add sherry and lemon juice. Serve hot.

Tested in The American Home Kitchen

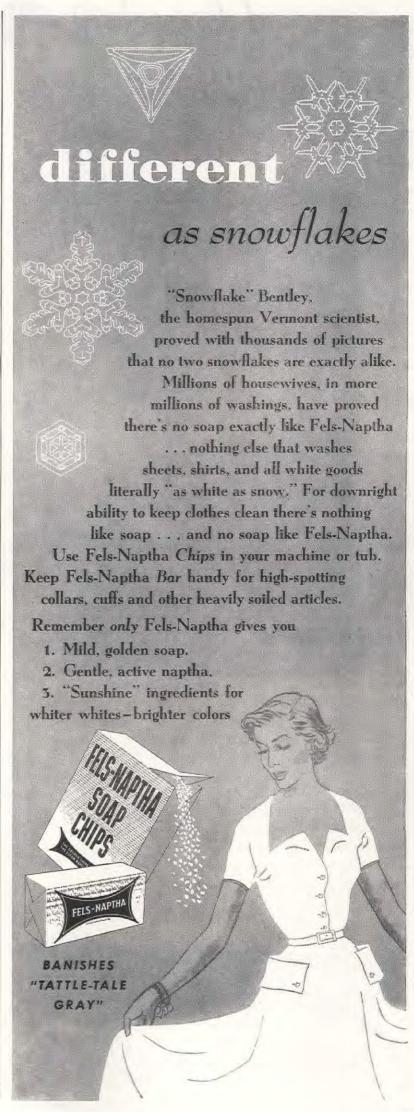


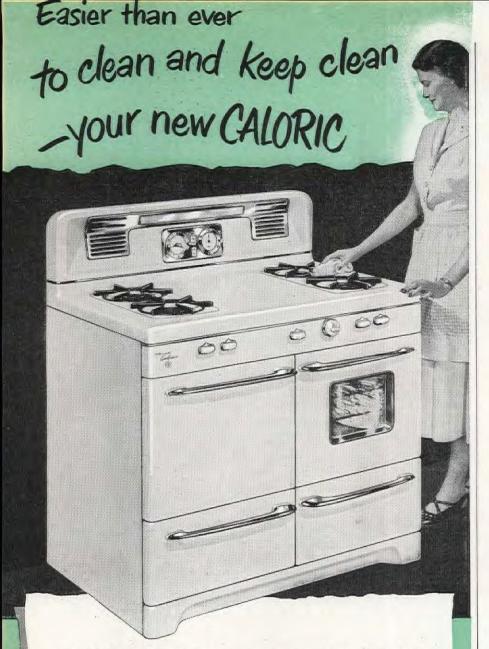
# Fish Story

(Begins on page 56)

- 1. After cavity of fish has been rubbed with salt, press stuffing in firmly, but gently. Remember, the edges must come together when sewed.
- 2. You may clip the sides of the fish together by other methods, but we prefer the old-fashioned way. Use linen thread or string, large needle. Take stitches close to the edge, draw up tightly.
- 3. Use a very sharp, thin-bladed knife to remove head of fish; then slice off steaks of desired thickness. Include plenty of stuffing.







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(File under "Fish")
Serves 6

baked stuffed fish

4 teaspoon thyme cups stale bread, cubed cup chestnut meats, chopped tablespoons cucumbers, chopped

pound striped bass, dressed teaspoon salt

cup butter, melted STUFFING 6 tablespoons butter

cup celery, chopped onion, medium, chopped

from pan leaving butter. Add oreausted, add celery, onion, and chestnuts and cucumbers. Mix well. Wipe fish with damp cloth, or rinse in cold salt water Rub the inside with the I teaspoon of salt. Fill with stuffing and sew. large skillet. Add chopped celery, When toasted, Remove 4 Melt butter in seasonings and sauté lightly. crumbs to this butter and toast. Stuffing: 7

KITCHE Tested in THE AMERICAN HOME

pour over the melted butter, Bake at 400°F, of fish, Baste frequently with the butter.

shallow pan and ninutes per pound

12 minutes

greased ing 12 m

PLEASE TURN TO PAGE 83

fat

as deep as but should

er, in fat half be preheated,

burner,

plnods

Fish Story

for a certain kind of fish, substitute something else if you want to. There are a lot of fish in the sea! What cuts of fish can you buy: Whole-as they come from the water; drawn-with entrails only removed; dressed-whole fish, scales and innards removed, with head, tail, and fins removed, too, if

# (Begins on page 56)

hints on fish

steaks, per serving.

b, whole, per serving. be wiped with damp cloth ys tender and juicy. It nee

to cook in water which should be reduced to a simmer after fish is immersed. oth or needs tenderness. natural Boil

3.00

washed in cold salt water. only enough cooking to bring out its

to cook directly under a flame or red-hot heating unit, or over an open fire or grill. to cook by dry heat without covering, usually in an oven. Line baking pan with waxed paper or foil.

to cook

over low flame.

in a

hot salt water before using soap thickness of pans use smoke, and To clean hands

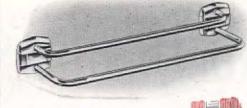
cook in

Broil Bake EVERYONE SAYS:

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top values, ask for AUTOYRE (auto-wire) FAIRFIELD-at your favorite housewares



#### TWIN TOWEL BAR

Clever space-saver, this two-in-one bar! Holds twice as much — displays a complete towel set beautifully! Serves as lingerie dryer, too.

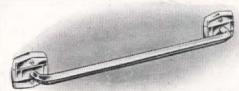




#### GLASS SHELF BRACKETS

Unique brackets grip shelf firmly from back — leave sur-face free, easy-to-clean. (Also available complete with glass.)

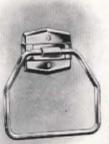




#### TOWEL BAR

Comes in two popular sizes, 18 and 24 inches long for guest towels, hand towels, bath towels. Fluted design pre-vents "slipping."





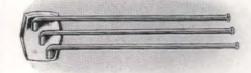
counter or bath shop.



TOWEL RING Distinctive stirrup decorashape. Extra decora-tive, used in pairs. Extra convenient under kitchen work counter near sink - near stove.



TOOTHBRUSH HOLDER Silvery, satiny chrome finish complements your pastel tumblers and toothbrush handles—goes with any bathroom color scheme.



#### ALL-PURPOSE RACK

Specially designed so that arms swing freely but "stay put" at any stop position. (Note: Makes the most practical tie rack ever!)





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At department stores, hardware stores, 5c and 10c stores.



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kind and degree, Canvas Awnings give most agreeable,
cooling, comforting protection against the
hot summer sun... with a flexibility that meets the
changing needs of the hour, day or season...
all at surprisingly low cost of installation and
maintenance. See your Local Canvas Awning
Dealer whose expert service includes a wide
choice of fabrics, colors and designs.



The Canvas Awning Institute, Inc. is organized to marshal every resource of art, science and industry in making available better fabrics, better awnings and better service.

THE CANVAS AWNING INSTITUTE, INC. and NATIONAL COTTON COUNCIL

"There is No Substitute for Canvas Awnings"



Redwood doors and slow, easy-pitched cedar shingle roof give this small brick house a pleasing long line. Walls are of common brick

# It's Brick— Inside and Out

MARTHA B. DARBYSHIRE

Here's a rugged, muscular house that is proud to show the world what it is made of. Designed by architect Allen G. Siple for the National Home and Building Show in Los Angeles, it is built of brick—both inside and outside—with exposed structural timbers. Mr. Siple is a man who likes honest, down-to-earth materials, such as common brick, undressed wood boards, and rough framing lumber, so he planned this house to be built with a minimum of labor, with stock materials, requiring very few tricks. He has also used mostly steel window



End wall of living room is made of combination brick and redwood paneling. Redwood louvered shutters both raise and open



# Look What Happens in Your House

when you replace your old hand-operated thermostat with a new Honeywell T. M.\* Electric Clock Thermostat!



You have a nice warm room to get up in! Your Honeywell Electric Clock Thermostat turns up the heat automatically - while you're asleep. Turns it down again at night, so you sleep cool!



You have a nice warm bathroom in which to shave and take your bath. Your Honeywell Electric Clock Thermostat helps give you a better disposition as well as greater comfort!



You have a level, uniform temperature all day long - no matter how the weather changes. Lots of people call Honeywell Electric Clock Thermostats good preventive medicine for colds!



You save at least 10% on fuel bills. That's more than enough to pay for the Honeywell Electric Clock Thermostat that brings you priceless comfort and convenience!



You have an attractive electric clock on your wall! It's a smart addition to your decorative scheme. Why not have your new Honeywell Electric Clock Thermostat installed right now!

Call your heating man now to replace your old hand-operated ermostat with a new Honeywell T. M.\* Electric Clock Thermostator ask him about the plug-in model you can install yourself.



T. M. means Thermostat Magic - the magical sensitivity with which the new Honeywell Electric Clock Thermostat keeps temperatures within narrower limits than was ever possible before. Honeywell Thermostat Magic is the greatest advance in heating control since the invention of the thermostat!

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Please send my free copy of your booklet on *Thermostat*Magic that tells how I can have Better Heating with

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First in Controls



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The Big Difference in Water Heaters: Outside, water heaters may look alike. The big difference is inside. Permaglas, with its tank of glass-surfaced steel, cannot rust because glass cannot rust. That's why you say goodbye to tank rust worries when a Permaglas goes into your home! For years and years, you're sure of oceans of sparkling-clean hot water-for every household need!

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See Your A.O. Smith Dealer Now!



AUTOMATIC GAS WATER HEATERS

Licensee in Canada: John Inglis Co., Ltd.

# It's Brick—Inside and Out

Breezeway separates living room from bedroom hall. Door at left leads to kitchen. Breezeway gives small house an easy air of spaciousness. Doors opening into it are painted dark slate-blue with brass hardware



frames which require no framing. Structural parts are exposed. The house is staunchly, soundly built, the brick walls laid with waterproof cement and roofed with hand-split cedar shakes. Inside, the exposed living room and breezeway ceilings, heavy beams, and braces are of rough redwood covered with one coat of heavy white oil paint. The heavy front door is of redwood planks bolted boldly together.

Built for California weather, here is an intriguing floor plan, with the living room completely separate from the rest of the house. Practical for this climate, sturdy, unusual, yet conservative, it's made to order for active living.

Photographs by George de Gennaro Interior Decoration—Barker Bros. Landscape Designer—John Eyerman, Jr.

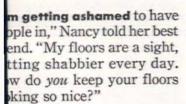
painted celadon-green.



Kitchen has sloping ceiling, like shed roof, and a bank of windows on two sides. One wall is brick, other three of white pine plyboard. One door opens to breezeway, another to terrace, making outside service simple

# Nancy's floors were her despair 'Til she learned the proper care!







"My floors were worse than yours," her friend replied. "So bad we had to spend \$200 refinishing them. Never again. Now I protect my floors with Johnson's Wax. Try it!"



Nancy took her friend's advice and waxed her floors regularly with genuine Johnson's Wax. Now they gleam bright as new again and will never need costly refinishing.



What a break for Nancy! She, lucky lady, learned before it was too late that when floors are finished with genuine Johnson's Wax the finish can't wear off!



It's 10 times faster with a Johnson's Wax Beautiflor
Electric Polisher! You can rent one almost
anywhere—available in 50,000 stores. Or you
can buy one for \$44.50.

# Flatter your floors with the real protection only genuine wax can give!\*

Decide to start waxing today. It never pays to neglect your floors. And it costs so little to protect them from wear with genuine Johnson's Polishing Wax!

Don't worry if applying genuine Johnson's Polishing Wax takes a little more time than self polishes take. It gives longer-lasting protection so waxings are many months apart.

And waxed floors are really easy to keep clean—much easier than carpeted floors. A dry mop whisks dust away.

Genuine Johnson's Wax comes in two forms—Paste and Liquid. Many people like Paste, because it's highly concentrated. Liquid is especially easy to use, and dry cleans floors as it waxes. *Both* give your floors real wax beauty and protection. Use either (or both) for the loveliest floors your home ever had. Begin today!

For <u>lasting</u> beauty
and protection insist on genuine

# Johnson's Wax

(Paste or Liquid)

\* For advice on any floor care problem, write to Consumer Service Dept. AH21, S. C. Johnson & Son, Inc., Racine, Wis.



# harm rules here!

The warmth and friendliness of this attractive kitchen is due in large part to its gleaming Western Pine walls and woodwork.

For lifetime loveliness in the kitchen and all through the house, build or remodel with the Western Pines\*! Their ingrained beauty and soft textures lend themselves to any finish or décor. Easy to work, they may be painted, stained, enameled to a high gloss or left natural, then waxed and rubbed to a mellow glow.

Your retail lumber dealer will approve your decision to build in charm with beautiful, durable, economical Western Pines\*!

#### THESE ARE THE WESTERN PINES

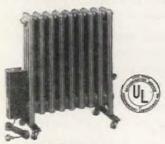
\*IDAHO WHITE PINE \*SUGAR PINE



#### YOURS FOR THE ASKING

Ideas galore in our colorful booklet, "Enchanting Homes of Western Pines." 71 pictures! Send for your FREE copy to WESTERN PINE ASSOCIATION. DEPT. 401-F, YEON BLDG., PORTLAND 4, OREGON.

# this Winter ...



#### Keep WARM with a BURNHAM PORTABLE ELECTRIC STEAM RADIATOR

When the mercury drops and you need extra heat to make chilly rooms comfortable here's the easy, economical way to get it quick! The Burnham Portable Electric Steam Radiator gives you actual steam heat. Just plug it into the nearest outlet! It's cast iron for years of service. Clean and odorless! It's SAFE - approved by Underwriters' Laboratories. Thoroughly dependable too — the finest controls manufactured make it fully automatic in operation. 6 sizes for AC or DC -110 or 220 volts - \$54 to \$98 FOB factory.

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#### GOOD MONEY IN WEAVING

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You too can have that wonderful feeling of knowing that you have enough money to buy the extras you want...knowing that you don't have to scrimp.

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# **News in Gas Ranges**

(Begins on page 48)

with one or two electric outlets, many with two broilers and two ovens, as well as an automatic clock control and minute-minder. You usually have a choice of four or six burners, divided or staggered top.



Simmer-set burners on Hardwick's range come in two parts and the chromium center can be quickly unscrewed so that the burner is a breeze to wash



Western Holly has added a good safety feature in the covered grease cup that is used to collect grease drained automatically during use of their griddle



Safe-Tee-Kee on Grand's range means no tampering for little hands. By turning key to locked position and removing from valve, gas to main burners is cut off



For this special purpose.

Don't use "anything handy" to clean the toilet bowl-only Sani-Flush can do it right. For Sani-Flush is made for this one special purpose. It not only cleans chemically without scrubbing, but disinfects-and removes the germy film that gathers in all toilet bowls even though you can't see it. Just follow directions on the familian yellow can. At all grocers. The Hygienic Products Co., Canton 2, Ohio.



PERFUMED with a mild, fresh fragrance



Easy to Erect, Saving Labor Cost

Save money on your log cabin! Get a "Brownle the cabin that you can erect yourself! Ships in sections, with doors and windows install White cedar logs, pre-treated. Impervious moisture. Termite resistant. Weather-pre Factory-caulked exterior walls. Complete needs to be a constitute of the control of the c ractory-caulked exterior walls. Complete in terials furnished for erection. A variety of tractive designs—two to five rooms—as low \$950. Also lodges, camp buildings and tou cabins. Send 25c today for catalog. (So territories still open to dealers.)



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# ews in Gas Ranges (Begins on page 48)



#### MOST GAS BURNERS TURN DOWN LIKE THIS

fast heating, both outer inner rings of flame are ned as high as possible

For moderate heat, lowest turndown is when both rings of flame are set at low position

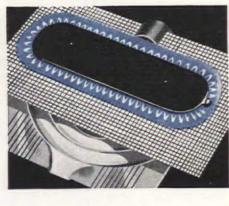


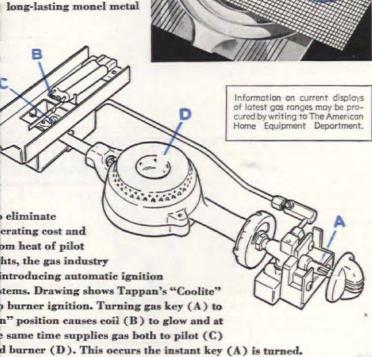
#### CENTER-SIMMER BURNER DOES THIS, TOO

maintain boiling temperature

For keeping foods warm, flame covered pan, inner rings of flame turns down to tiny beads. Harpernes on full, outer ring goes out Wyman Center-Simmer burners

Radiant mesh broiler on niversal's range gives you aster broiling, adds to that good charcoal flavor which omes from broiling under gas flame. The radiant is a mesh screen made from long-lasting monel metal





ce burner is lighted, coil (B) ceases to glow, conserving

nilar principle used in Tappan's oven and broiler ignition

ctricity and prolonging its life. If flame is accidently inguished, coil (B) immediately glows again and relights it.



DESIGN NO. 5136

Plan with the

#### WEYERHAEUSER 4-SQUARE HOME BUILDING SERVICE

This is a practical home . . . thoroughly modern in exterior design and floor plan . . . offering unusual features for pleasant, comfortable living. It is an excellent example of advanced architectural design . . . illustrating the value of professional planning in making every building dollar produce greater home value.

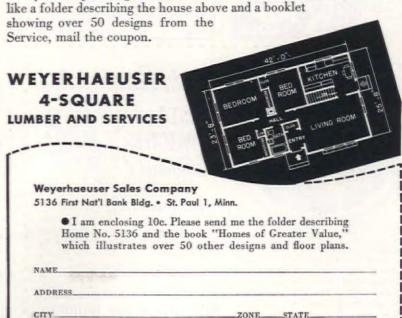
This home joins the scores of other architect-designed homes to be found in the Weyerhaeuser 4-Square Home Building Service. This Service is made available for your study and use, without charge, by local lumber dealers.

Ask your dealer to show you this Service. Study all the designs . . . there's a wide variety of styles and sizes. See how experienced architects provide for comfort, convenience and privacy.

You will also see how the use of Weyerhaeuser 4-Square Lumber simplifies sound, economical construction. This kiln dried quality lumber is precision manufactured and lends itself to sound construction with a minimum of sawing and fitting.

There is a choice of proper species and grades of 4-Square Lumber for framing, sheathing, siding, interior trim and wood paneling.

If you are planning to build, use this Service . . . and if you would like a folder describing the house above and a booklet





Cook Meat
On new SKEWS

SEND 20c for sample set of 4 Skews, wonderful new 6-in. stainless steel skewers and 5 recipes for city chicken, lamb kebob, steak-on-a-stick. Grand for picnic cooking, too. No charred wood or splinters with all-steel Skews. FREE with order: new catalog of Heuck handy 10c to 25c gadgets, including popular new Multi-Mix wooden spoon. Ladies Aids, PTAs: send \$1 for sample ass't. of 8 best sellers and money making plan.

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Here's extra money for new clothes, television set, decorating, other "extras": Show big value 21-Card All-Occasion Assortment to friends, others. Sells like wildfire at just \$1. You make up to 50¢ cash profit. BiG LINE OF SELF-SELLERS! Add to your income with big profits on "DeLuxe" All-Occasion, Gift Wraps, Humorous, Personal Stationery, Napkins and many others, EXTRA CASH BONUS. Assortments On Approval, Imprint Samples FREE. Write Now!

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Ripe Olives Elegant in Sandwiches

Try "FIESTA

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Elegant!

Elegant in so many ways. And so easy to serve and to use for that subtle touch to your cooking. Don't be without ripe olives. Write for free booklet of Elegant Ripe Olive Recipes: Olive Advisory Board, Dept. A-2, 16 Beale Street, San Francisco 5, California.

Fiesta Sandwich Filling: Cut ½ cup ripe olives from pits, or use canned chopped ripe olives. Blend with ½ cup chopped sweet pickle, 4 chopped hard cooked eggs, 2 tablespoons chili sauce, 1 teaspoon salt and ¼ cup mayonnaise. Spread on your favorite bread. Makes 2 cups of sandwich filling. RIPE OLIVES from CALIFORNIA

CUT OUT AND PASTE ON CARD FOR YOUR RECIPE FILE

# **Good Victuals**

(Begins on page 59)

Yourself Salad. Guests think it great fun and I think it rare good sense. Skewers take little room on a crowded plate, each guest gets only what he likes—and it's self-service. But whichever salad you serve, both are conversation pieces—and what hostess isn't secretly pleased to have produced one.

I have often wondered why so many women believe a quick meal is an easy meal. To my way of thinking there is nothing more nerve-racking than having everything in progress at once. Of necessity, it limits the menu, murders the budget. Ouick-cooking meats are expensive cuts of meat. By the same token, it is the variety of flavors and ingredients one can combine with meat, can bake or steam into a pudding or casserole, that makes it rich and subtle, not the cost of those ingredients. Once the oven door is shut or the heavy lid put on, what has the cooking time to do with your time-except to give you a long breather? By all means, use the good food that comes in cans, or the wonderfully easy quick mixes. But why not use them more intelligently than just as quickie meals or last-minute planning? All of them are better for smart flavoring tricks or gourmet touches-things more easily done during the midday lull or on a stove top freed of bubbling pots, sizzling frying pans and blasting broilers all going at once during the height of so-called easy dinners.

If you've been following "Good Victuals," you know I'm a gal for quickies-but I don't want an entire stove top crackling at stop-watch timing. I want something I can do ahead and have finished with, long before the dinner hour approaches, done when there's no nagging rush and therefore fun to do. I want my salad chilled and crisp and every leaf covered with dressing. Oil and newly washed greens won't mix, so that's an early-in-the-day thing, too. And, because I want my vegetables hot, that's all I like to do at the last minute-I plan a slow cooker, whether it is the meat, dessert, or the whole main course. I like to smell it while it's cooking-but I don't want to hop up every few minutes and tend it. I can manage a dinner like this-and easily, too. But not for me one of these meals where everything goes on and comes off the same split second. Oh, I guess I could do it, but why should I-or you? It takes the fun out of cooking, the starch out of the purse. The revival of some old-time "slowies," combined with our-time "quickies" is far easier on the cook and on the purse, believe me, than a steady diet of so-called quick-and-easies. And my, oh my, how very much better the eating is!



25¢ brings you FULL-SIZE PA TERNS of this modern bar. Y can build it to stand-up or sto height at a big saving... when y do it yourself.

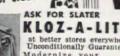
Send an additional 20¢ for the Easi-Bild\* Pattern Book, showing the entire Easi-Bild line. You'll at a glance how you can save if portant money around your hom \*T.M. Fai-Bild Pattern

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YOU can make plenty of extra cash showing FANMOUR'S 1951 Everyday Cards, Easter,
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WRITE TODAY SAMPLES ON APPROVAL
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# UPSTATE NEW YORKER PICKS DELCO-HEAT BURNER FOR ITS DEPENDABILITY

"We've known from experience that General Motors products are dependable," writes John McCarron of Rochester, N. Y. "So when we wanted a new heating system, a Delco-Heat Conversion Oil Burner was our choice. Now we enjoy clean and even automatic heat—and fuel costs are no higher."

Mr. McCarron is right about General Motors products. Careful engineering and good workmanship insure their being dependable! You can depend on Delco-Heat units being installed right, too, by heating specialists. The Langie Fuel Service, Inc., installed the McCarrons' unit.

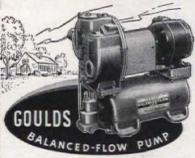


Delco-Heat Conversion Oil Burner. Has "Rotopower" feature that combines all moving parts in a single unit. For automatic heat with any fuel, see your Delco-Heat Retail Distributor.

FREE-Write for literature on Delco-Heat Conversion Oil Burner. Address Dept. AH-30, Delco Appliance Division, General Motors Corp., Rochester 1, New York.

Read what other Delco-Heat users have to say-see pages 97, 104.

## "City Water Service" for the Suburban Home



Tankless! - Goulds Balanced-Flow Pump provides true "ciry water service." The unit provides all the water you want, at one or more faucets at the same time (within pump capacity).

th's fully automatic . . . quiet—only one moving part. Fits under the sink—or anywhere. Self-adjusting capacity provides efficient "city" water service for your home. For shallow wells only. Needs no tank, less pipe (and these are scarce items today) than most pumps.

M	Goulds Pumps Inc. Dept. Z-4, Seneca Falls, N.Y.
3	"YES, I'D LIKE TO KNOW MORE ABOUT 'CITY WATER SERVICE'."
E	Please send free booklet on the Balanced-Flow and larger Goulds Water Systems.
	Name
	A. C.
	RA

# Fish Story

(Begins on page 56)

you want; fillets—sides of fish cut lengthwise from the backbone, practically boneless; steaks—slices cut across the fish, through the backbone.

How much fish to buy: Count on about ½ pound per person for fillets and boneless cuts, ½ pound for dressed fish, I pound for whole fish.

Now that you've got it, what do you do with it: Wash it, inside and out, with salt water—never fresh. Use sea water if it's available. Wipe fillets and steaks with a salt-water dampened cloth, pat dry with something like cheesecloth. Long soaking kills the flavor of fish (of course, salt fish must be soaked in frequently changed water in order to be edible). Wrap loosely in parchment or foil, put in a tightly closed dish, and store in the coldest part of the refrigerator.

When it comes to cooking your delicious fish—don't overdo it. Although they lead an energetic life, they remain pretty tender, so very little cooking is needed. And when you see smoke—put out the fire!

We did say before that fat fish is best for baking, but you can ribbon your lean ones with strips of bacon or baste them frequently and you'll have a juicy, succulent result. When it comes to boiling fish, there's just one simple rule—don't. Simmer, but never let those bubbles show up. Put a little vinegar, lemon, or lime in the water and Mr. Piscatory will keep his clear color and firm flesh. If you care to, you can wrap it in parchment paper or aluminum foil, seal it tightly, and you'll have some fragrant fish juices to use in a sauce.

Fried fish—good old standby, popular when cooked over a Boy Scout fire or all be-crumbed and decked with lemon curls. A little lemon juice, sherry wine or tarragon vinegar added to the egg-dip will add to its flavor.

Herbs and spices do a lot for fish, but too much can overpower it. Remember, this is a dish with a "delicate air" so let's keep it that way. Just a touch of bay leaf, celery salt, chive, dill-seed, garlic, marjoram, saffron, thyme, or tarragon is good—but just a touch.

Sauce is popular with fish. But remember to make it before you start cooking the fish. A good cook gets everything else ready in advance for fish must be served hot and at once.

After you've cleared the table and scraped the plates, rinse your hands and pans with a strong warm saltwater solution. This kills any odor.

There's no getting around it, a good fish, well-cooked and temptingly served, can hold its own in any circle. And today, when astronomical prices make us stop and ponder much longer than we used to, it's good to know that fish costs less than many foods, asks for very little preparation, and returns such a delicious dividend.



# B&G Hydro-Flo Heating

#### with Radiant Baseboards

Of course, you're planning a beautiful home... but plan, too, for comfort! You can be safely guided by the happy experience of others... select B & G Hydro-Flo Heating with radiant baseboards.

Radiant baseboard heating units replace the usual wooden baseboards and are just as inconspicuous...in no way interfering with decoration or furniture arrangement. When used with a B & G Hydro-Flo Forced Hot Water System, you have a marvelous combination of comfort and beauty.



**Controlled, uniform warmth.** Heated water is circulated through the baseboards by a B & G Booster Pump. Circulation is automatically controlled so that the heat supply is always *matched to the weather!* Your home is bathed in cheerful *radiant* warmth, soothing as sunlight, evenly distributed from floor to ceiling.

Plus ample hot water for washers, baths and showers. In this day of automatic washers, you just can't get along without plenty of hot water. The Water Heater of a B & G Hydro-Flo System provides all you can use . . . winter and summer . . . at unbelievably low cost.





All at minimum operating expense. You'll be amazed at the smallness of your fuel bills. B & G Hydro-Flo Heating automatically adjusts itself to the weather—never wastes fuel by overheating. This

modulated control is especially valuable in spring and fall, when only a little heat is required.



The whole story of B & G Hydro-Flo Heating is given in this interesting booklet, fully illustrated in color. Read it before you decide on your heating system.





# BELL & GOSSETT

Please send free booklet, "Capture the Sun with B & G Hydro-Flo Heating." ompany

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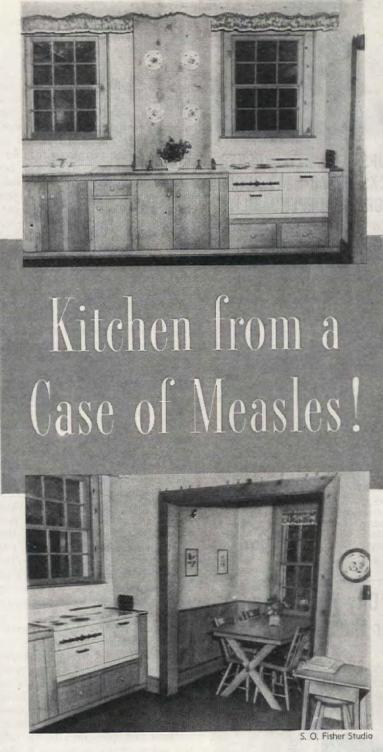


I SPREAD

WHAT MAKES

THESE EGGS





## VIOLET ALLEN

When our children Vicky and Larry came down with measles, it certainly never occurred to us that it would spread to the kitchen. Searching around for something to amuse these cranky patients, I suddenly thought of the downstairs rooms that were at the moment empty. They had been used to display and sell antiques which were now housed in a new shop in a corner of the yard. "Why not," I said brightly to myself, "have the children make a miniature model of the kind of kitchen we might someday want to make these rooms into." The idea not only successfully amused the children during their illness but also catapulted us right into the full-scale project of remodeling our kitchen.

Using a carton, we made a miniature duplicate of the room we could use for a kitchen. I'm sure I lost pounds trotting up and down the stairs measuring everything in sight. The scale of the model was planned one inch to one foot.

Then, as carefully as Napoleon ever planned a Grand Strategy, we started to plan our perfect kitchen. The stickler was the furnace chimney that projected into the room. We spent one entire afternoon figuring out how to disguise it—and disguise it we did to the extent that it adds to, rather than detracts from, our present kitchen. After we had plotted out the kitchen down to the last inch of drawer space, we really got carried away and decided to turn the



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A Case of Measles!

(Begins on page 84)

pantry into a breakfast room. How easy it was to do with just cardboard!

By the time our cardboard kitchen was completed we were so infatuated with it that wild horses couldn't have stopped us from making our miniature dream into a reality.

The children were fully recovered now, and we all plunged into the job. Larry and I tore out all the shelves in the pantry and patched the holes with plaster. My parents gave me a gift of three "twelve-light" windows. I had always wanted a pine kitchen and with these new windows it was possible. I certainly could never have scraped twelve or fifteen coats of paint off those old sashes.

A neighbor of ours, a first-class carpenter, put in our utility closet, moved the door over four inches, and then tore out the pantry wall to make our breakfast room opening.

We ran a counter clear across the chimney side of the room, camouflaged the offending chimney with pine, and put new pine trim on the window and door frames.

After the carpenter had built the framework for the two lower cabinets, my husband and his brother made the drawers and doors. Then my father and I gave both the kitchen and breakfast room three coats of white semi-gloss paint, tinted just a trifle with Williamsburg green, which sets off the natural pine beautifully.

Now I no longer just wash dishes, but gaze on the constant change of scenery outside the sink window. I think a law should be passed making it necessary to have windows both over the stove and the sink. It works miracles for one's disposition.

Living in the country without garbage disposal had always been a terrific headache, so we racked our brains for a way to solve it. I got the idea one night while rocking Vicky, who had a toothache. Why not a disposable bag for the garbage, and a chute from beneath the sink to the furnace room for cans?

My husband bought two sections of ordinary stovepipe, cut a hole in the floor beneath the sink, into which he fitted the pipe and then hinged a trap door over it. The cans shoot down the stovepipe into a cardboard box which my husband empties once a month. The burnable garbage goes into the furnace each night.

Off the kitchen door is our back porch where the children's tea-table is set for a perpetual tea party. We were going to build a drop table out here for ourselves, but our breakfast room is so pretty that we just haven't gotten around to it.

In the meantime I'm holding my breath hoping that the children don't come down with some illness of longer duration. Heavens knows what might happen to the rest of the house!



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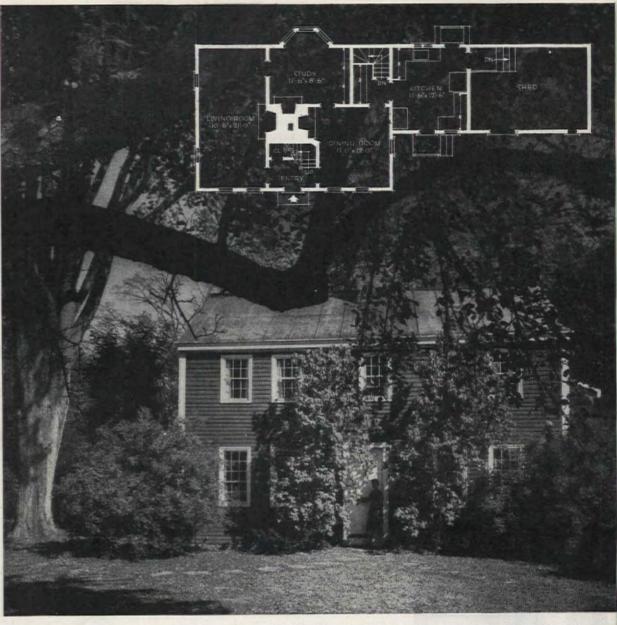
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That won't happen in this case. The Philip S. Wadsworths of Portland, Maine, have restored almost completely this lovely old house built in 1801 and it will probably last another 150 years. The exterior walls and openings, the partitions around the stair and between pantry and kitchen are all that remain of the original house. Mr. Wadsworth, an architect, has put in new foundations, new sash, three new fireplaces and mantels, and many interior changes.

The original half-acre on which the house stood has had twelve acres added to it and Mr. Wadsworth plans extensive landscaping to round out the picture.

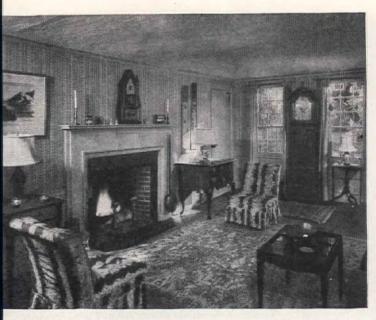
A good deal of color has been used in the interior, the study being painted olive-green with a red glaze, which was used throughout the original house. Bookcase backs are a pure ver-

milion. The dining room is done in a fairly deep blue which emphasizes its timeless beauty, and the living room is soft gray with a dark green wallpaper.

The Wadsworths have been most faithful in their restoration, but Mr. Wadsworth, being an architect, naturally has plans for the future. These include a good deal of glass, enlarging of rooms, an additional bathroom, and many other improvements which home-owners dream about, plan, and eventually obtain.

Photographs by P. A. Dearborn





Everything in the Wadsworth home fits well into the architectural theme. Old-fashioned and comfortable, bright colors have been used with discrimination, dark green wallpaper in background



Study is painted in olive green, original color used 150 years ago. Backs of bookcases are painted a brilliant vermilion for contrast. Three downstairs rooms have fireplaces, built by the new owner



Dining room, to the right of entrance, brings back the last century with its provincial wallpaper, fireplace, reminiscent of the days when the family spent many hours in the gathering room



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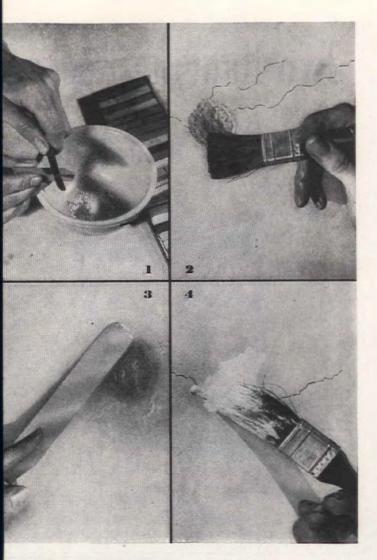
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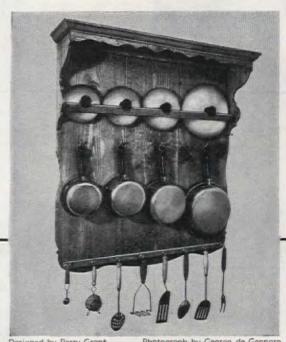
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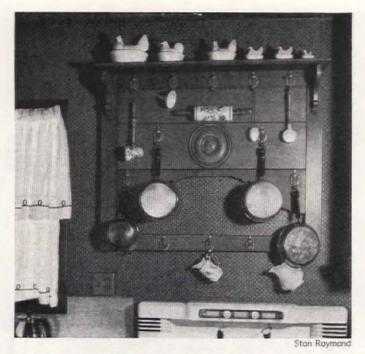
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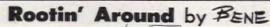
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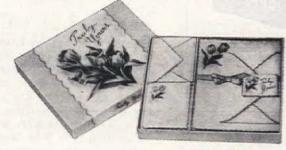
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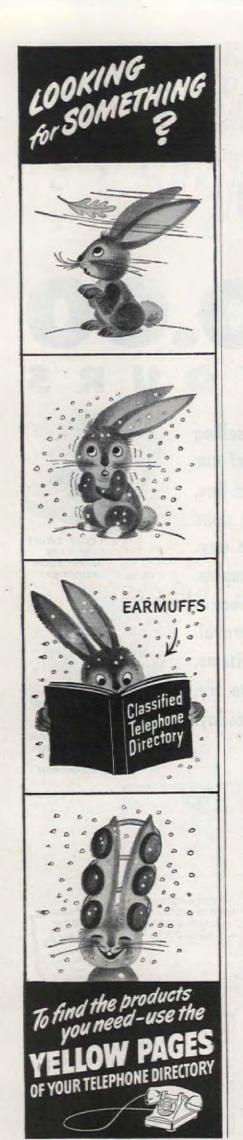
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E AMERICAN HOME, FEBRUARY, 1951





# More Light on House Plants

MARION LOWNDES

he woman who loves house plants cleared the furniture out of her front hall. It was a nondescript little catch-all with one shuttered window opening into a sunken driveway, where no sunshine ever penetrated, and little daylight. Then she had two zinc trays built, 6 feet long, 18 inches wide, and 4 inches high, put them against two of the walls, and partly filled them with pebbles and water. Instead of the new overhead lighting fixture she had planned to buy, she installed four soft, white, 40-watt fluorescent lamps. Then she arranged in the trays a collection of plants in pots and tubs-bamboos, fringed Amazon palms, a satiny young banana tree, as shown in the picture above. In the autumn twilight homeward-bound neighbors saw through the slats of the blind the resulting incredible, radiant jungle. "But, of course," they said, "it won't last. They get no sunlight there, and hardly any daylight. You can't expect to grow plants like that.

Why not? True, plants need light to live. For only an extremely small part of the material from which they are made comes from the soil; by far the greater part is taken from the air as carbon dioxide and turned into plant tissue through the action of light. But that light does not have to be daylight—that's where the neighbors were mistaken.

An experiment at the Boyce Thompson Institute for Plant Research in Yonkers, N. Y., demonstrates the power for good there is in artificial light. In a basement laboratory, a geranium and a Boston Yellow daisy have been growing for more than a year in what would be pitch darkness except for an overhead electric light. Growing? They have developed new leaves and even blossomed, living on light from an electric wire! Of course, such light is no match for natural light in quality and intensity, but its "staying powers" are unlimited, and this is of vital importance. In the case of the plants in the hall, the lamps supply illumination to the extent of only 50 footcandles as compared with the 10,000-footcandle strength of noon sunlight in summer. (A footcandle is a unit of illumination—that given by I candle I foot away.) But, being kept on all day and part of the night, they provide 14 hours or more of light each day, which is more than the plants could expect in their native equatorial, jungle habitat.

Under ordinary conditions, house plants need more than the daylight and sunlight they get. In a natural environment, they would enjoy a "light day" of 14 to 18 hours. But, according to the Farmer's Almanac, on December 21 in the latitude of New York City, the sun rises about 7 a.m. and sets at 4:15 p.m., Three foliage plant arrangements made possible, despite lack of daylight, by supplemental lighting. Top, spotlighted corner in author's home. Below, niche with back painted black, and corner ledge, both with overhead flood lighting, and assorted ivies, philodendrons, crotons, avocado, etc.

Photographs by F. M. Demarest



Settings, courtesy Goodall Fabrics Co.; plants, Wadley & Smyth







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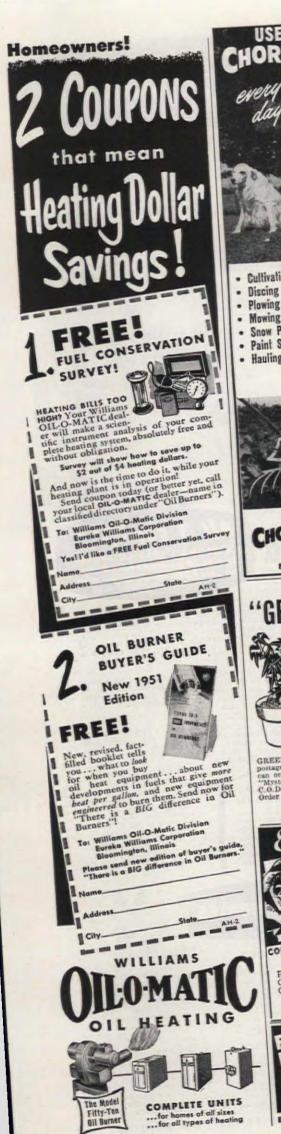
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# More Light

(Begins on page 92)

which leaves the plants from 5 to 9 hours short. What they want is not so much brighter light, as more light. When their winter ration of light is cut to nine hours or so, they fail to thrive. That is when artificial light comes to the rescue by building up their light supply to the required 14 or more hours. Perhaps you can adapt your general-purpose lighting to do the work, But most rooms are not as well lit as they should be, so plants will generally need some special illumination of their own. Three 60-watt bulbs concealed under a valance enabled a lot of African-violets to bloom freely in a plant box in a library window. A Boston fern flourishes and cascades from a big pot in the kindly light of a 50-footcandle spotlight on top of a nearby bookcase.

One investigator exposed a plant of California goldfields (Baeria) to 10 hours of illumination, about what the North gets in early November. It grew, but refused to bloom until the light was stepped up to more than 10 hours; then, whether the light was weak or strong, it flowered.

The most practical light for encouraging house plants in the home is that of the ordinary 60- to 250watt incandescent bulb, and the fluorescent tube. Reflectors of any sort greatly increase the efficiency of the light source. But to be effective, supplemental lighting should continue or lengthen the natural daylight; applied for a few hours in the middle of the night, it does not seem to produce comparable effects. For once, the best way is the easiest-simply illuminate your plants when you light the room for the evening hours. You can also use electric light on cloudy days to make up for starvation rations of natural light; for this, an intensity of 50 to 100 footcandles is suitable. Thus, by using electricity and imagination, you can have your plants wherever they look best instead of always in the one sunny windowwhere they soon turn their backs on you to look outdoors.

In one room I know of, a center of interest has been made of an illuminated mirror panel with a border and side trellises covered with ivy and nasturtiums which flower brilliantly in a 14-hour-day combination of natural daylight plus 150 watts. In a dining room, old-fashioned black iron lamp brackets attached to the white plaster wall hold pots of carmine and dark blue gloxinias and trailing philodendron. Light streams down on them from two 100-watt bulbs under simple, white, tin reflector shades 30 inches above, emphasizing the lovely colors and interesting forms. The 100 footcandles of energy keep them triumphantly alive.

Supplemental light is also being used by commercial plant growers,



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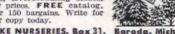
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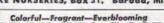
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(Begins on page 92)

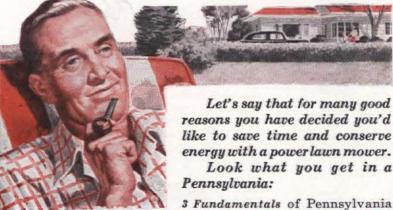
not only to insure good growth, but also to influence flowering habit. While extra hours of daylight stimulate some plants, they hold others back. When chrysanthemums, for instance, are given longer days by means of artificial light, bud development is retarded and the blooms are delayed. On the other hand, the same treatment hastens the blossoming of summer-flowering annuals.

Among the plants found by the General Electric Company's Engineering Division to do well with supplemental artificial lighting are the following: Flowering Plants:-African-violet, begonia, cacti, calceolaria, calla, genista, geranium, gloxinia, hyacinth, periwinkle, phlox, salvia, snapdragon, tulip. (However, bulbous plants, like tulips and hyacinths, must be started in a cold, dark place and brought into the light-natural or artificial-only after about two months, when the green tips project half an inch or so above the soil.) Foliage Plants:-Anthericum, Asparagus plumosus and A. sprengeri, babystears, Boston ivy, Crassula (jade-plant), creeping fig, Dieffenbachia, dracena, hollyfern, English ivy, Echeveria, Kalanchoe, palms, Peperomia, Philodendron, rubber plant, Sansevieria, screw-pine (Pandanus), silk-oak, St. Bernard-lily, wandering-jew.

Of course, supplemental lighting does not solve other difficulties that house plants face. It will not offset the effect of a room that is too hot; most house plants do best at a day temperature of about 65° F. with a drop of 10 degrees or so at night. The very dry air in many steam-heated rooms, and constantly wet soil and roots caused by overwatering are common problems, but easily controllable. Assuming that temperature, atmospheric humidity, and water supply are properly handled, electric light gives the indoor gardener what the G. E. floricultural research workers call, "a new and efficient tool." And there is still time this winter for you to experiment with it. Consult your electrician or nearest light and power company for advice and ideas. If you know a photographer, borrow his light meter to see what degree of illumination you can provide with your present lighting arrangement. Set up a display of plants in an alcove or out-of-the-way corner or in front of a mirror, and throw a spotlight on it or install a fluorescent fixture above it. Brighten a dull spot with an illuminated plant stand. Whatever you do, you can count on having better, healthier plants and more flowers if you give them more light and longer days.



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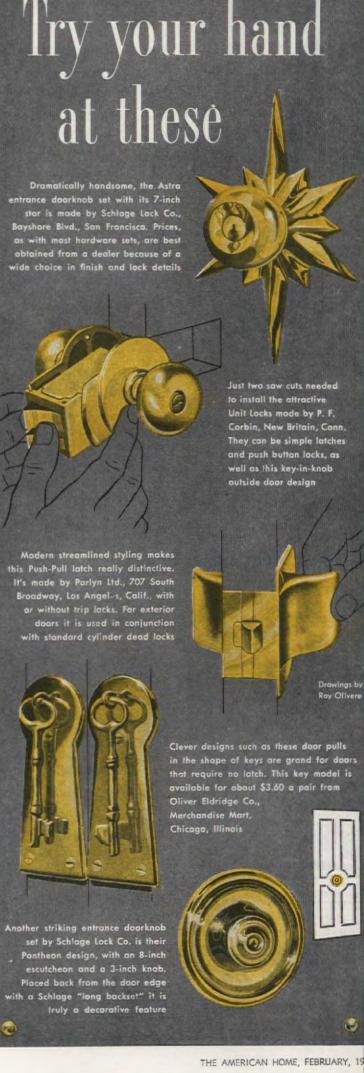
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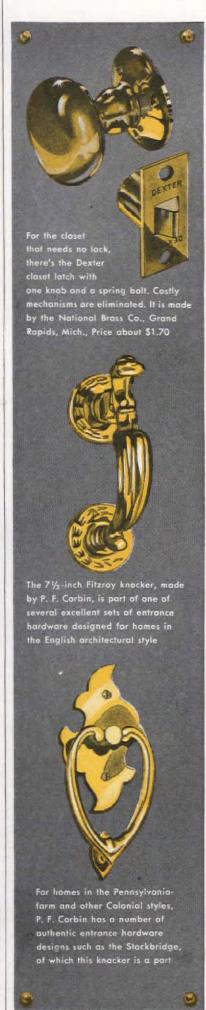
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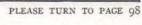
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## Try Your Hand (Begins on page 96)







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# Try Your Hand

(Begins on page 96)



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# How to Make a Rug (Begins on page 50)





fill in background, going around individual designs, then filling in between. Treads are varicolored in hit-or-miss pattern. Runner has tricolor border on sides



762 Completed riser design shown as part of hooked stair runner made by Mrs. Anne B. Clark from our Pattern 762, 70¢. Riser with dates is not included in pattern. This is Mrs. Clark's own house

SEE PATTERN ORDER FORM ON PAGE 108



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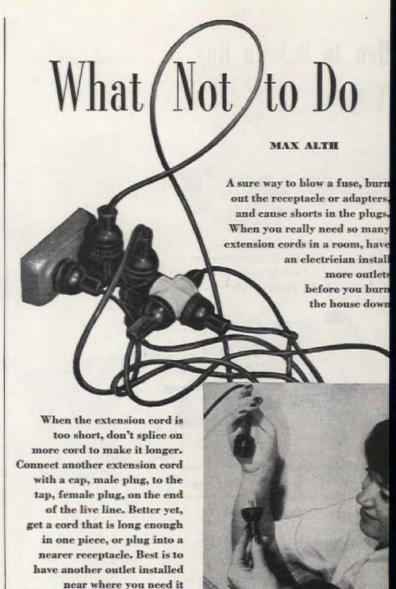


## LIGHTS ON!

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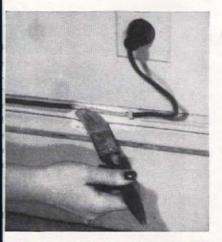


Don't pull on the cord to disconnect the plug. Grasp the plug body, or you may break the cord connections, or bend and loosen the contact legs. And don't paint over receptacle plates. This can result in bad contacts in the outlet. Poor contacts from paint or loose legs may cause arcing, overheating, and burned-out receptacles

Photographs by author

Light cord will quickly overheat and short when used in appliance plugs for irons, toasters, and other heating equipment. Always use the heavy duty appliance cord which is lined with asbestos and designed for the purpose

# with Extension Cords



Oils and other ingredients of paint will harden the insulation of a cord and cause it to peel off and expose the bare wires when the cord has been bent a few times. The way this cord is used it will be pulled out of the receptacle occasionally. It won't be long before trouble develops at the bend, perhaps a fire or a shock



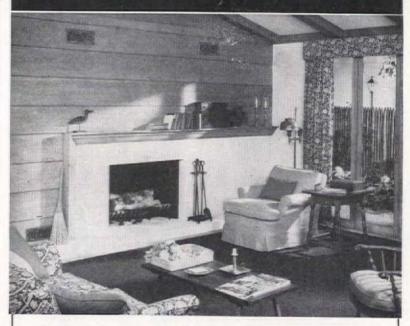
An extension cord run beneath or behind a door is subjected to abrasion for which it was not designed. The result is often a dangerous and hidden bare wire. Extension cords will also be damaged by rubbing on the sides of the hole when it is run through a wall. Get an electrician to do a real wiring job for an outlet in the next room



The rug may hide the cord, but it also conceals the danger from bare wires that result from the rubbing by the rug and the crushing of the insulation by the weight of traffic over it. Keep the extension cord out where it can be seen. Then you'll also eliminate the bare line that will inevitably be worn in the rug itself above the wire

Staples damage insulation, sometimes dangerously, and a chance kick on the wire or extension outlet may break the connections and expose live wires. Don't staple cords or screw extension outlets to the wall, floor, or baseboard

# FIREPLACE CIRCULATES HEAT!

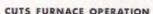


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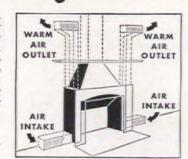
A Heatilator Fireplace makes furnace fires unnecessary on cool Spring and Fall days, cuts weeks



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# Passers-by Want It!

(Begins on page 38)

of a summer's day in Oklahoma, Mrs. McFarland, of McFarland Nurseries and Garden Shop did the planting for it.

Countless people have stopped, invaded the privacy of the Stickles, beseeched them to sell their house to them. We wish to be absolved of all blame for increasing the number who want to put the Stickles out of house and home-but we fear that many more than local passers-by will want it, now they've seen it!

## Forecast House

(Begins on page 27)

suburbanites' tastes, and felt that provincial furnishings would give it warmth and friendliness. Set against deep, rich colors, they effectively prove her point. And her decision didn't mean a complete upheaval of architectural plans. Typical was the simple and practical switch from a stationary plant-box divider between living room and den to a louvered screen hinged to fold back against the wall when all the space is needed for large crowds. Architect Duncan liked it, liked many of her other suggestions. If only this partnership could happen to all little houses!

The strictly modern window wall in the living room was perhaps Mrs. Heuer's first big hurdle. A scalloped valance cutting across it sounds, on the face of it, unharmonious with modern design. You see it, outside and in, on our color spread. Works like a charm, doesn't it? Another scalloped valance was made to outline the recess which contains the generous sofa. In the dining room a pine hutch cupboard of provincial character was built into the recess originally intended for a contemporary piece of furniture. In the master bedroom, wide closet doors were eliminated, and in their place, narrow double louvered doors take less floor space when open.

A co-ordinated scheme unifies architecture and decorations. Mrs. Heuer feels that the whole is tied together through the use of the same basic colors throughout, and yet each room has been given an individuality through varying proportions in which these colors have been used. The clear white pine walls in living room and study have been treated with a dark brown pigmented stain. The chintz colors in furnishings and accessories are basically brown with accents of gold, rust, lime, and yellow. The color themes of dining room and kitchen are basically the same, with dark brown walls in the dining end and

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# Forecast House

(Begins on page 27)

informal plaid draperies of yellow, green, gold, and brown. Kitchen cabinets are dark brown with green interiors to blend with green fishermen's net curtains.

Black introduced as the background color in the master bedroom gives this small room great flair. Draperies are of the familiar brown on a white background, green is used for the pillows on brown bedspread. Brown and black, on a white ground spatter pattern, form both wall covering and draperies in bathroom. In the second bedroom black is used again, but this time the brown has been eliminated. Studio bed is covered in black felt, Steinberg's gay wallpaper is white with black trains. Accents are deep apricot and yellow. Outside its windows, walls repeat the same accent colors.

Space-utilizing details can be seen on plan. Think how much smaller the living room would appear if the oversized sofa were to jut out into the room. Closets tucked into otherwise waste space on back side of the fireplace, storage closets for tools at far end of the carport, to take a few, are good points. The Lions Club emblem represents progressiveness, accomplishment, and vision-forces that contribute to community betterment. Forecast House tangibly proves that the Highland Park Lions live up to it. When asked if they would repeat the project, Greene, the president, said, "You can't tell, the club may want to do it again. It was a lot of work, but I somehow feel that the boys in the club got to know one another much better, and feel good toward themselves for doing something good." The club not only fulfilled its \$300 scholarship fund pledge, but with close to \$2,000 profit on its sale, were able to buy new equipment for the local Boy Scout Troop and donate to the Hadley School for the Blind.

"When you add up all of the fun we had doing it, I would surely say that it was worth the effort and that the men would do it again," enthusiastically replies Verna Greene. Architect Duncan says he would jump at the chance. We feel sure Mrs. Heuer has not regretted her contribution and just as certain that THE AMERICAN Home would co-operate in such a

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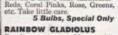
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The ten chosen for 1951 did not include the four All-America Selections for 1950, which were, instead, given continued ranking for a second year. They are: a Floribunda, Fashion, and three Hybrid Teas, Mission Bells, Capistrano, and Sutters Gold.

These All-America Selections, of course, do not attempt or profess to include or even consider every good rose available. Each year's crop of catalogues lists many other worthy ones. Nevertheless, the testing, scoring, and selection of these roses is a boon to rose growers; a guide to quality; a symbol of higher standards in commercial rose production and sale that make for greater rewards from roses grown in home gardens.

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R. WALLACE TEED, M. D.

rowing roses can be fun. I say that at the outset because what follows may suggest a lot of work. However, it can, and indeed should, be spread over the season, so too much need not be done at any one time. During the 15 or more years that I have been enjoying roses, I have worked out certain short cuts that enable me to look after them in the limited spare time afforded me by a busy medical practice.

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CONDON BROS, SEEDSMEN Bookford, ILL.

# Rose Growing

(Begins on page 105)

above 90°F., sulfur may burn the leaves and a copper spray would be better. For aphids, nicotine seems about the only effective control; also I spray nearby ant hills with it or DDT.

My third short cut involves mulching. For 10 years I have been using leaves (obtained from the City Department of Public Works) for winter protection. About the first week in December, when the ground is pretty well frozen, I cut the bushes to about 10 inches and cover them with leaves. which, by spring, will have settled to about 4 or 5 inches thick. About the middle or latter part of May, when the weather is definitely open, I pull the mulch away from each plant, letting the air reach the ground, and leave the remainder between the plants. It serves to keep the soil moist and also decomposes to form plant food. It has been objected that a mulch might harbor fungi that may attack the roses. However, with the dust or spray falling and mixing with the mulch, I have seen no more black spot than formerly. Also, earthworms thrive under the mulch and cultivate the soil for me. A mulch may be unattractive to some, but as the plants grow they hide it and make it less unsightly. If one can obtain rotted barnyard manure, it can be used alone or with leaves. Other good mulches are peat moss, ground corn cobs, sawdust.

With the fertilizer applied underground at planting time, it is necessary to apply plant food on the surface only once a year, usually in June. I find any good commercial fertilizer satisfactory, but if I can get an organic type. I like to use it.

My last short cut has to do with watering. For the successful use of fertilizer, water must be available to put it into solution. Overhead sprinkling has the disadvantage of promoting fungous diseases of the leaves unless dusting follows each sprinkling, and its use is necessarily discontinuous. So the porous soaker-type hose is ideal. I turn the water into it at low pressure and let it run night and day during the dry season. As a result, the soil is always moist, never "drowned," and I have had as many and as good roses in July and August as in June. I am convinced that adequate watering is 65 per cent of success in growing good roses, particularly in hot weather.

By following these time-saving practices I can easily care for 250 plants and have roses in my home and my office every day throughout the season. Cultivation and weeding are practically eliminated, and dusting never takes more than 10 minutes. Gathering the flowers is about the only operation that takes time after the spring work is done-but, to me, that's fun and reward, not work.



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THE AMERICAN HOME, FEBRUARY, 1951

# 12 Kinds of Lilacs (Begins on page 34)

any kind with thin blade and fine, sharp teeth will do. With a chisel, split it straight across, deep enough to take two scions cut with razor-sharp blade to a thin, wedge-shaped base a little thicker on one side than the other. Insert them at edges of cleft, withdraw screw driver leaving them gripped in the cleft, then cover with paraffin to keep the cut surfaces from drying.

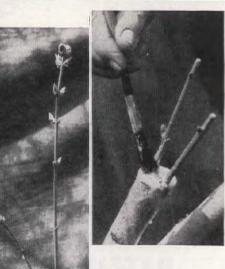
As the color pictures show, Mr. Kirkland has light and dark lavenders, blues, and maroons, whites, and mixed shades on his plant; also both single and double forms. This, by the way, is not his only "multi-grafted" specimen but, as his first, it is probably his favorite, and certainly his best-known. He likes to swap grafting experiences and says he will be glad to hear from garden enthusiasts who have, or do start, a lilac (or other) family tree of their own.



3. Make two scions for each graft, cutting base to a slender wedge shape with one side (just below a bud) slightly thicker than the other. Collect scion sticks while dormant (in winter), about pencil size, and with 3 or 4 buds. Until needed, keep damp in cold place



4. Insert scions at sides of slit, thicker side out, so bud is just above stock. Incline outward slightly so inner bark of scions (called cambium layer) is in contact with that of stock and sides are smooth. Gently remove screw driver without disturbing graft



5. Finally coat whole graft (and ends of scions) with melted grafting-wax (or, as shown, paraffin), warm, but not hot. Fill center slit and cover top and sides to point below split. Avoid handling scions. Fasten a tag giving date and other details loosely to branch using soft copper wire

As season advances, growth of bud indicates success of operation. If both scions "take," cut off weaker one flush with stock. As wound heels, the remaining scion grows to form a new branch that will, in time, bear flowers (and fruits) of the selected variety

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guide, list of materials as required)

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| 1350 | 4 hooked stair treads. Pattern
includes transfer designs for
train, cow and calf, sailing,
vessel, and running colt
| 1351 | Pattern for braided stair runner, Full instructions
| 1352 | Hooked welcome mat. Roses in
wonderful colors. Pattern
includes transfer design...
| 1353 | Pattern contains instructions
for oval "fwisted" rug
(much like braided) and a
transfer design for hooked
| 1354 | Multiflowered hooked rug, size
40" x 58". Transfer pattern
| 762 | American History bedreat 550

60c

450

40" x 58". Transter pattern

762 American History hooked stair runner. Pattern includes transfer designs for risers.

1246 Braided rug 10" x 64" center composed of 13 circles joined to large scalloped

ioined to large scalloped border

"Patchwork" hooked rug 7' x 12'—tracing pattern . 3 Combination hooked and braided rug, measures 4'2" x 3'9". Hot-iron transfer for hooked floral center 23" x 20"

I 170 Knitted rug to make of cast-off clothing with large size knitting needles, garter stitch "Shirred" rug to make of old woolen scraps. Pattern contains full instructions ...

I 1096 Braided oval rug, size 4' x 6', by adding additional rows can be as large as needed.

S48 "Zinnia" hooked rug, size

25c

needed 25c

| 848 "Zinnia" hooked rug, size
2'3" x 3'7". Transfer \$1.00
| 849 "Dainty Bess Rose" hooked
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City Zone No.

See instructions below for ordering patterns.

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State

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(Blueprints contain list of materials, con-struction drawings, instructions)

struction drawings, instructions)

1 1254 Blueprint construction pattern for building peasant chair —clover leaf cut-out on back, straight splayed legs Blueprint construction pattern for building peasant chair with reeded legs.

1256 Blueprint construction pattern for building sawbuck table 4' long—full-sized detail of nicely curved cross legs Blueprint construction pattern for building library step table—about 27" long x 2734" wide x 19" high x 2734" wide x 19" high x 18" deep x 36" wide \$1.00

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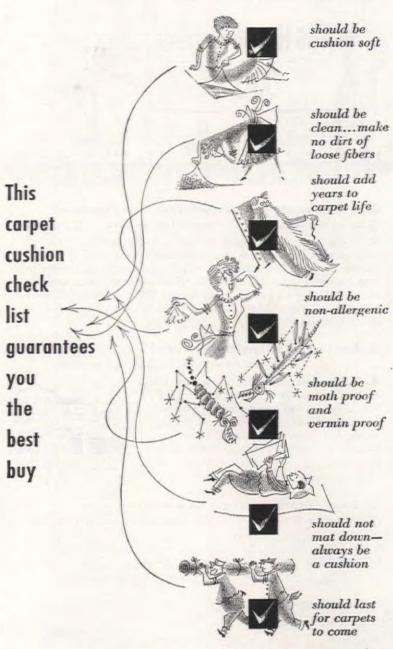
MERIT, Dept. 8, 370 Plane St., Newark 2, 1

# American Home Advertisers for February 1951

orbine Jr
en Comfort Mills
n, W. F. Co. Strawberries 102 n's Nurseries & Seed House 105
orbine Jr. 100  erman Nurseries 104  en Comfort Mills 18  18-Seltzer 85  In. W. F. Co. Strawberries 102  In's Nurseries 85  In's Nurseries 85  In's Nurseries 95  In's Nurseries 96  In's Nurseries 96  In's Nurseries 97  In's Nurseries 97  In's Nurseries 97  In's In's In's In's In's In's In's In's
erican Kitchens
erican-Standard Heating Equipment & Plumbing Fixtures 25
erican Telephone & Telegraph Co. 92 con Tablets 103
strong Nurseries 93 strong's Linoleum Flooring 2nd COVER
strong's Temlok Sheathing
Instruction Inc
oyre Fairfield Bathroom Accessories
vers, Patrick D. Patent Attorney 108 & Gossett Hydro-Flo Heating Equip-
ment
nett-Ireland Flexscreens
ck, L. F. 14 omfield Woolen Rug Material 12
k-of-the-Month Club
llo Cleanser & Soap Pads 86
nze Beauty Gifts
while Sectional Log Cabins
nham Portable Radiators 80
wniee Sectional Log Cabins 80 b of the Month Club 12 mham Portable Radiators 80 mham Radiant Baseboard Heating 97 pee's Seeds & Plants 94, 102, 104, 105, 106 illac Vacuum Cleaners 70 fornia Readi-Cuts 108 pric Gas Ranges 74 apbell's Soups 53
fornia Readi-Cuts
npbell's Soups 52
dinal Greeting Cards
tolite Pansy Coasters
ir-Loe Rug Dye
rm Cottage Planters
erful Greeting Cards 91
remaster Lawn Mowers
rox Bleach & Household Disinfectant . 108 b Aluminum Products Coffee Dispenser . 12
gate Ribbon Dental Cream
nmittee on Steel Pipe Research
sley Shelvador Refrigerators
nar Auto Clothes Rack
nar Potate Cutter
Monte Brand Peas
hla Greeting Cards
ke No-Nail Hangers
mmond Island Trading Bread Boards . 15
arf Trees
i-Bild Patterns 82 or Plumbing Fixtures 87
ott Greeting Cards
long's Nursery 94, 95, 98, 102, 104 ello Kitchen Towels 108
con Sales Reducing Aid
mour Greeting Cards
s-Naptha Soap & Soap Chips
ris Nursery
endship Studios Greeting Cards
relen Stamp Co
rett Pet Mat
peral Electric Television
rmain's Rose Book & Garden Catalog 104
son Milis ilds Water Pumps
at American Sales Silver Replater 16
rney Seeds 103, 105
derait Cup Holder
atilator Circulator Fireplaces 101
Atmaster Automatic Water Heaters
Ienkamp Greeting Cards   108     detroon Garden Specialties   106     itage Club Books   11     10k, M. E. Meat Skews   8.2     gson's Wool Yarns   80     me Bullding Plan Service   12     me Study School of Ceramics   108     me-Utility Electric Tools   108     memakers Mart Kordaway Ironing Cord     test Greeting Cards   82     ponex Plant Food   105     al Greeting Cards   88     al Greeting Cards   88     88
igson's Wool Yarns 80
me Study School of Ceramics 108
memakers Mart Kordaway Ironing Cord . 14
ponex Plant Food
100   100
sca Weavers Guild
kson & Ferkins Roses

Joanna Cloth Window Shades         18           Johns-Manville Home Insulation         107           Johnson Cactus Gardens         103           Johnson Water Lilies         104
Johnson Cactus Gardens         103           Johnson Water Lilies         104           Johnson's Wax         79
Jore Bed Spring Supports
Kellogg's Nurseries 106 Kelly Bros. Nurseries 103, 104, 106
Kentile Asphalt Tile Flooring 26 Kimsul Insulation 110 Kins Sira Shoes 110
Secus   98
Kohler Bathrooms 21 Koldframe 18
Krider Nurseries 94 Kristee Wall Cleaner 88
Kruse, Marie Plants 185
Lees Carpets BACK COVER Lennox Aire-Flo Heating 64
Lewis Mfg. Co. Houses
Koldframe         18           Krider Nurseries         94           Kristee Wall Cleaner         88           Kristee Window Cleaner         18           Kruse, Marie Plants         105           Lane Bryant Maternity Dresses         88           Lees Carpets         BACK COVER           Lennox Aire-Flo Heating         64           Lewis Mig. Co. Houses         97           Lin-Mar Plastic Covers         17           Linseed Oil Redwood Finishes         12           Literary Guild of America         2           Lorain Greeting Cards         108           Lord & Burnham Greenhouses         98
Lorain Greeting Cards 108 Lord & Burnham Greenhouses 98
Lord & Burnham Greenhouses         98           Lowe's Gold Dealer         82           Mahoning Salt & Pepper Sets         12
Lowes Gold Dealer         82           Mahoning Salt & Pepper Sets         12           Mahoning Scissor Holder         15           Maleo Rearing Aids         88           Maloney Bros. Nursery         105           Marboro Books         13           Marlite Wall & Ceiling Panels         62           McClung Bros. Rose Nursery         94           Melville Co. Sample Fabrics         108           Merit Greeting Cards         108           Merit Greeting Cards         108
Marboro Books 133 Marlite Wall & Ceiling Panels 69
McClung Bros. Rose Nursery 94 Melville Co. Sample Fabrics 108
Merit Greeting Cards 108 Midwest Greeting Cards 80 Midwest Greeting Cards 100 Mills Send House 100
Merit Greeting Cards   108
Models Cosmetics 18 Modern Manner Clothes 106
Maria David Mr.
Mor-Sun Furnaces   85
National Oak Flooring Mfrs.' Assoc. 72 National Ventilated Awnings 88
Old Cuttond Power
Olds Seeds 18 Olive Advisory Board 82
Owen Nursery 94, 95, 98, 102, 103, 104, 106
Olds Seeds     18       Olive Advisory Board     82       Olson Rugs     3rd COVER       Owen Nursery     94, 95, 98, 102, 103, 104, 106       Pearce, Rex D. Flower Catalog     94       Pearl-Wick Hampers     84       Pella Rolscreens     96
Pella Rolscreens         96           Pennsylvania Lawn Mowers         95           Phillippine Mohagany Assoc.         90           Phoenix Mutual Life Insurance         8           Piedmont Plant Co.         105           Piner Brees         105
Phoenix Mutual Life Insurance 8 Picdmont Plant Co. 105
Piper Braces   105
Plasticast Co. Ceramics 23 Porta-Bed Co. Folding Bed 17
Puro Greeting Cards 108 Ramode Greeting Cards 18
108
Roto-Rooter Sewer & Drain Service 91 Royledge Plasti-Chrome Shelving 29
Salzer Seeds 104 Sani-Flush Ro
Sarcoxie Nurseries 106 Scott's Lawn Seed 98
Shumway, R. H. Seedsman 98, 102, 103, 104, 106 Slater Appliances
Smith, A. O. Water Heaters 78 Smooth-On Cement 122
S.O.S. Scouring Pads 24 South Carolina Mills 15
South Michigan Nursery Spear Engineering Co. Mail Box & Lawn Markeys
Spear Engineering Co.         Mail Box & Lawn           Markers         15           Speed Queen Washers & Dryers         67           Spencer, William Lantern, Sign & Post         13           Spongex Rug Cushions         109           Spot Reducer Co.         17           Spring Hill Nurseries         102, 103           Stahelins Nursery         95, 98, 102           Standard Tractors         106           Sudbury Laboratory Kitty Chaperone         16           Sunshine Cheez-It Crackers         84           Supershop Home Tools         90           Swans Down Instant Cake Mixes         61           Tennessee Nursery         102           Terry Greeting Cards         85
Spongex Rug Cushions 109 Spot Reducer Co. 17
Spring Hill Nurseries 102, 103 Stahelins Nursery 95, 98, 102
Sudbury Laboratory Kitty Chaperone16 Sunshine Cheez-It Crackers
Supershop Home Tools 90 Swans Down Instant Cake Mixes 61
Tennessee Nursery 102 Terry Greeting Cards 85
Tested Sales Bras 16 Three Springs Fisheries 103
Tricker, William Water Lilies 94
Union Loom Works 80 Universal-Rundle Bathroom Fixtures 90
Vaughan's Seeds
Weldwood Glue, Firzite & Satinlac-U. S.
Westelox Clocks 6 Western Maine Forest Nursery 103
Western Pine Lumber 80 Westhauser Nursery 98, 102, 106
Weyerhaeuser Sales Co. Lumber & Home Building Services
Williams Oil-O-Matic Heating Units 94 Willis Nurseries 102
Swans Down Instant Cake Mixes         61           Tennessee Nursery         102           Terry Greeting Cards         85           Tested Sales Bras         16           Three Springs Fisheries         103           Tranzform         14           Tricker, William Water Lilles         94           Underwood Deviled Ham         84           Union Loom Works         80           Universal-Rundle Bathroom Fixtures         96           Yurdnan's Seeds         96           Yurdnan's Seeds         96           Yirdan Farms         103           Weldwood Glue, Firzite & Satinlac—U. S.         Plywood Corp.         97           Westelox Clocks         6           Western Maine Forest Nursery         103           Western Pine Lumber         80           Westhauser Nursery         98, 102, 106           Westhauser Nursery         98, 102, 106           Weythauser Sales Co. Lumber & Home         Building Services         102           Williams Oil-O-Matic Heating Units         94           William Soll-O-Matic Heating Units         94           Williams Oil-O-Matic Heating Units         94           Winkler Furnaces         90           Woste, William H.—A

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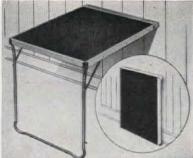
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