That makes a good small house
The 10 best of the year

What cuts housekeeping chores
The easy upkeep materials for interiors and exteriors

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The 18 small gardens and the new power equipment
Formica is the wonder surface that can bring new color, new life, and new cheer to your tired drab kitchen. Your remodeling plans may call for a major overhaul like the illustrated kitchen or simply replacing rotted, worn-out sink and cabinet tops. Either way it's beautiful, colorful Formica that changes "before" to an "after" that's fun to live with for many, many years.

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Please send me a FREE copy of your big, new Spring 1954 Rose Catalog picturing and describing the newest and best in easy-to-grow J&P Modern Roses and Perennials—all in full natural color...and containing helpful information about successful gardening.

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When transatlantic rates are low... Spring adorns Italy with fresh beauty. Everywhere you'll find friendliness... hotels with a tradition of fine service... shops filled with treasures... all at attractive dollar prices. Luxurious motor coaches offer interest-packed tours at little cost... 10 and 20-day rail tickets permit unlimited travel... special coupons procure gasoline at reduced costs for motorists bringing cars into Italy.

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Pre-cut cabinets: economy feature of Week-end Builders' kitchen

Planning the kitchen for their remodeled Connecticut farmhouse presented no problem for Mr. and Mrs. Walter F. Fischman. Although they had to keep within their budget, they definitely wanted to have a completely efficient room, but not one without a certain touch of glamour. Taking advantage of the expert planning services maintained by various manufacturers of kitchen equipment, they were able to accomplish all three requirements. The first step in their planning was to make a preliminary layout of the kitchen complete with dimensions, and indicating the tentative arrangement of sink, stove, refrigerator and cabinets, not forgetting to include their own personal preferences as to design, etc. When completed, this information was sent to the planning services, mentioned above, for expert advice on suggested changes for maximum efficiency. Upon receiving literature directed to their personal needs, the Fischmans were able to come to a decision on their choice of materials. All that remained was to order the necessary equipment—and get to work? The only installation that they were unable to do themselves was the added 'glamour touch': marble countertops which required skilled professional labor. Some step-by-step procedures are illustrated on this page.

List of building equipment page 91

1 Kitchen cabinets were bought knocked down and unfinished. Here, parts to one base cabinet are being unpacked. Using the very detailed 'how-to' instructions shipped with the package, the builders were able to assemble each cabinet in about half an hour. All parts come factory-sanded, holes factory-drilled, joints pre-cut.

2 To assemble cabinet, side section is laid flat and drawer supports fitted vertically into pre-cut slots. Other side section is then laid on top of supports. Both operations require only nailing and gluing. Plywood back is fitted into grooved-out frame.
All drawer joints come dovetailed, needing merely to be glued and forced into place. Nails may be added for extra security. Tight-fitting joints should be hammered into place, taking care to protect drawer surfaces.

Drawers and frames should be sanded with very fine sandpaper. Our builders applied a coat of clear matte lacquer to show natural grain. For maximum protection, apply three coats of lacquer, allowing each coat to thoroughly dry before adding the next coat.

All drawer joints come dovetailed, needing merely to be glued and forced into place. Nails may be added for extra security. Tight-fitting joints should be hammered into place, taking care to protect drawer surfaces.

Cabinets are mounted in place one at a time, set into position and pushed firmly against back wall. Tops are leveled by inserting little wood wedges under bottom at sides and front. After first cabinet is in place, push another alongside of it and level in same manner. Special flush fasteners connect cabinets firmly to form one continuous run. Screw cabinets firmly to back wall to make secure.

Wall cabinets are assembled in same manner and fastened to walls one at a time. Level carefully and temporarily tack into place with a couple of nails. When in line and connected with flush fasteners, screw securely to wall studs. For neat appearance, fill space above with wallboard or with wood.

Because our builders used marble for countertops, skilled professional labor was necessary since holes have to be cut for cooking units and sink. Here the rubber gasket which seals the unit to countertop is being positioned.

... you'll love it, too. So light and graceful, so easy to care for ... and so beautiful in your home. Troy wrought iron furniture blends naturally with the contemporary or traditional furniture you already have, and any time you wish, you can add from the many exquisite pieces offered by Troy. Living room occasional pieces and sets, groups and accessories for the dining room, dinette, game room and outdoor living.

Shown are Troy's new Settee upholstered in vinyl plastic fabric available in a wide selection of textiles and colors, clever magazine-stand, End Tables and the new Cocktail Table. All Troy table tops are offered in Frost Walnut Formica or in crystal clear glass. Leading furniture and department stores will have these and other Troy Furniture pieces on display. Don't miss them.

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When you board the Queen of Bermuda at Pier 95, New York City, the wintry winds will be whistling down the Hudson River. When you go on deck as the Queen winds her way through the channel in Bermuda, the soft sun will be playing on the island. The play-clothes that looked so out of place when you packed them will make you part of the picture the minute you step ashore. The emphasis should be on bathing suits, shorts and shirts, and sun-dresses... with lots of Cashmere cardigans (you can buy those after you get there)... and evening dresses, mostly short. You'll want two or three bathing suits in boldly patterned cottons. Shorts, both short ones and Bermuda-length ones. Shirts, both sleeveless and long-sleeved. (Short-sleeved ones are apt to result in an incomplete tan.) And sun-dresses that have wide skirts and are really bare. (You can cover them up with a sweater if the day is cool.)

She makes her own clothes from Vogue Patterns

Bicycling in shirt and shorts, the shirt, sleeveless so you'll get a beautiful tan on your arms... the shorts, short so you'll get a beautiful tan on your legs. Vogue Pattern No. 7967. Sizes 12 to 20 (30 to 38). Price, 75 cents. Moygashel pink linen for the shirt and pink embroidered linen for the shorts. (The pattern includes a wrapped-front skirt to make in the pink linen.)

Aboard ship in a sun-dress with a new gimmick. The bias band at the top of the bodice may be tied as a halter or in front to make the dress strapless. Vogue Pattern No. 8179. Sizes 12 to 20 (30 to 38). Price, 75 cents. Made in Erwin Mills new lightweight nylon and cotton denim in sky blue. Linen tote bag by MM.

To Order: Vogue Patterns may be bought in the important shops in every city, or by mail, postage prepaid, from Vogue Pattern Service, Dept. H, Greenwich, Connecticut; and in Canada, at 198 Spadina Ave., Toronto, Ontario. (The prices of some patterns are slightly higher in Canada than they are in United States.)

Note: Connecticut residents please add sales tax.
Down to the sea in a one-piece bathing suit that emerges from the water as neat as it went in . . . because there are no frills to get out of kilter. The smooth top is joined to the little boy shorts. The narrow straps, that cross in the back and button snugly when you are doing your Australian crawl, can be let down when you are sunning on the sand and tied in a neat little bow in front. The shape of the suit shares the news with the fabric, a bold print in the colours of a tropical sandscape . . . blues, greens, golds and tans on a sun-bleached white ground. Vogue Pattern No. 8171. Sizes 12 to 20 (30 to 38). Price, 60 cents. All cotton print by Everfast, made crease resistant by Everglaze.
Take advantage of this SPECIAL PURCHASE offer

DECORATIVE TOLE LAMPS
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Unusually lovely tole lamps designed to be functional, but with all the charm of Early Americans. Room and shades are solid metal with traditional gold laurel leaf decoration. Shown are the Special Purchase price of $3.50 each.

The special purchase price.
left—Tole Pin-up lamp for any room in the house. Comes in green, maroon or ivory. 8" tilt shade. Overall height 14".
$3.50 each postpaid

left—Tole Student twin lamp. Has 7" shades with pierced metal top, switch in base of lamp. Overall height 20". Choose green, maroon or ivory.
$7.95 postpaid

right—Tote Floor Lamp with all the appeal of an old oil lamp (electric of course). 4" shade with pierced metal top fits over frosted chimney to cast a soft glow of light. Choose from black or green. Stands 54" high.
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SET OF ALL 3 for $19.95 express collect

You may order all merchandise shown in Shopping Around (editorially and in advertisements) by writing directly to the shops. Enclose check or money order, as few of them handle c.o.d.'s.
You may return for refund any item not personalized if you return it promptly by insured mail and in an unused condition.

A man's belief is his own affair and so for the one who holds the conviction that it isn't safe to go about without a travelling bar we present this model. Case is tan leather-like plastic and it's fitted with a chrome-top shaker, 6 glasses, chrome-finished measure, opener, corkscrew, strainer, spoon. $27.50 ppd. Rudy, 170 5th, N. Y.

Brass fly. This is a comment-provoking ornament which will add great charm to a desk or a dressing table. Made in England of cast brass, it has a hinged cover. Use it as a paperweight and clip holder, as an ash tray, as a container for bobby pins. About 3" x 1". $2.95 ppd. From The House of Bronze, Carmel 3, Indiana.

A crowning beauty: the sterling silver crown set with hand-cut rhinestones. This sparkling costume jewel will evoke admiring comment every time you wear it. If you want to make a real impression on a girl give her a pair. $10.80 postpaid for one. Fed. tax incl. Rihbany, 370 Commonwealth Ave., Boston, Massachusetts.
This is it: mink booties for baby! Now the apple of your eye can wear ranch mink almost as soon as she is born. There will be no more waiting until the eighteenth birthday for the little mink collar, the long mink coat. Booties fitbabies up to six months. Enchanting. $15 ppd. Rosin-Starr, 25 E. Washington St., Chicago.

For the genial host: handsome glass tankards. You will be invited for many convivial draughts if you present someone with a set of these tankards. Crystal-clear, they have sham bottoms, graceful handles and an etched design of a crown and crest. And the cost is modest, $3 ppd. the set of 4. Julius Wile, Teterboro, N. J.

The old school tie is about to be replaced by the musical football. It plays such melodies as Bootea, Bootea or the song of your college. Made of pigskin-grained plastic, the little football is fitted with a Swiss music box, is decorated with your college seal and colors. 4" wide. $3.95 ppd. Avon Wood, 328 Plumer, Pittsburgh, Pa.

Post it on a cork bulletin board in the kitchen and the family will know what to tell the milkman, what special treat is in the refrigerator. Shown here is an oak-framed fine cork panel which will give long-term service, 20" x 26". $5.95 for tan cork; $6.55 for green cork. Add 75c. Baird, 2409-15 W. Balti more Street, Baltimore, Md.
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Italian miniatures hand-painted on ivory and framed in decorated beehive. On the left we show a frame with a tortoise-shell border. $5.90. On the right the border is ivory. $5. These lovely little pictures make fine gifts. About 4" x 4", it hangs by the handle. $2.50 plus 25c. Treasure Arts, Box 254, Tenafly, New Jersey.
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This exciting book—now completely revised—is a "must" for anyone planning to decorate or redecorate a home. It contains 320 pages in all, 94 of them in full color. Encyclopedic in scope, the book includes sections on the basic essentials (how to arrange furniture, how to choose a color scheme). There are also chapters on lighting, kitchens, table settings, bathrooms, children's rooms, etc. The book ends with illustrated "how-to" articles on painting, hanging wallpaper, making slip covers, framing pictures. A convenient reference book, House & Garden's Complete Guide To Interior Decoration answers hundreds of questions about color schemes and period furniture, carpets and mirrors, table settings and storage, studios and staircases. It introduces you to the work of the top designers and decorators, with practical pointers on how to adapt their ideas to your own home.

9½ by 13 inches in size, the book is printed on a special heavy coated paper and is attractively and durably bound. As a result, it is unusually impressive—a book to own or to give with pride.
This silver trade-mark seal identifies the finer, longer-lasting genuine Colorado Carnations. Use these glowingly beautiful flowers the next time you have thoughts of love or friendship. Buy them by brand name—Colorado Carnations—trademarked to guarantee their quality to you—handled by better florists everywhere. And remember, for every message of affection and good will...

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A gay deceiver: the tuberous-rooted begonia with camellia-like flowers. It is not real, but it will frustrate every member of the begonia family. Arranged in a white cachepot, it comes in your choice of blossom colors: white, pink, scarlet or golden yellow. $8.50 postpaid. From Constance Spry, Inc., 326 Park Avenue, N. Y.

Key chain for your beloved. Give him half a French coin; you keep the other half. You'll have a handsome key chain and a sentimental token. Coin (a five franc piece) is an antique collector's prize; chains are heavy sterling silver. $14.50 postpaid. Fed. tax incl. From Hobi, 15 West 57th St., N. Y.

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Star bright metal fashions this king-size, made-for-a-man ashtray. We think that it's the tray for your Chairman of the Board husband. Made of stainless magnesium-aluminum alloy, it will not tarnish or lose its luster. 7" square. $6.75 postpaid. From Downs & Company, 816 University Place, Department 1446, Evanston, Illinois.
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OVERSHOE & RUBBER TREE

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SHIPPING

The boy on the bike would love to own a license plate marked with his name, his nickname or his club initials. Plate is made of heavy steel and comes in state colors. Order one for every youngster you know, $1 ppd. for any name up to seven letters. B. Cantor, 1711 Walnut Street, Department HG, Philadelphia 3, Penna.

Modern frames for modern masterpieces: black or white finished wrought iron. Here we show a de Montfort river scene in a black frame. However, you have a choice of other scenes. Perfect to use in either modern or traditional rooms. 10½" x 12½" $7.95 postpaid each. Mary Mohley, 959 Peachtree Street, Atlanta, Georgia.

Provincial grain scoop to hang singly or in pairs. These reproductions of the original scoop are skillfully made of old knotty pine which has been given a special antique wax finish. They are perfect to use as plant or curio wall brackets. 24" x 9" $10.50 for 1; $19.95 for 2. Exp. coll. Lennox, 1127 Broadway, Hewlett, N. Y.

Clever you people will say when they see this attractive coffee grinder planter which you made. Send for the easy-to-assemble kit: precision-cut wood parts made of maple; grinder bowl made of bisque ware; planter insert made of glazed ceramic. 7" x 5" $4.95 plus 25c post. Kit-Kraft, 7373 Melrose Ave., HG, Los Angeles.
AROUND

Bless Us All is the title of this charming print of a small boy saying his prayers. The companion print (not shown) is entitled A Child’s Prayer and the subject is a small girl saying her prayers. These pastel prints are 13” x 17”. Ready for framing. $3.50 ppd. the pair. Harvard Gifts, 75 Harvard St., Pittsfield, Mass.

Candle planter. Wrought iron and polished brass combine to make this effective accessory. The black-finished iron base is scrolled; the two candle cups are fashioned of metal leaves; the plant stand is wide and sturdy. About 12” x 9 ½”. $5.95 for one; $11.50 the pair. Ppd. Decor by Delanor. 1227 10th Ave., Fort Dodge, Iowa.

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Fastidious people make the oil and vinegar cruets a part of the regular table setting. Foods other than salad are improved by a dash of these flavorings. Shown is a set made of Italian pottery. Background is natural, decoration is multicolor, rack is black wrought iron. $4.95 postpaid. Highwood, Box 226, Ridgewood, N. J.

For safety's sake and for comfort, too, use a Visorette on the sun shield of your car. It is a fine leather accessory which will hold road maps, gloves, glasses, cigarettes and tissues all within reach of the driver's hand. 5¼" wide x 13½" long. $4.95 p.p.d. complete with pad and pencil. Miller, 129 Baronne St., New Orleans, La.

Ocean treasure: the mother-of-pearl bracelet and earrings. Highly polished pieces of claw-shaped mother-of-pearl are strung on a band of fake pearl beads. And the effect of this bracelet against a slim arm is most attractive. $10. Matching earrings are dramatic. $5. P.p.d. Tax incl. Tapoo-Hawes, Box 122, Pacific Palisades, Calif.
AROUND

Sea oats grow on the remote beaches of the Caribbean Islands. An arrangement of these beautiful, feathery sprays will add great charm to a modern or a traditional room. Long-lived, they do not wilt, fade or shed seeds. Each spray is 36" long. $3.50 ppd. for 25 sprays. Carr's Studio, 314 3rd St., Atlantic Beach, Florida.

The garlic bowl is a necessity for the gourmet cook. The aromatic clove should be mashed in a mortar for best results. We show here a redwood mortar and pestle which will improve in beauty the longer you use it. Natural finish. Mortar 4" in diameter; pestle 4" long. $3 postpaid. Lindsay, 990 Longridge Rd., Oakland, Calif.

Rustic planter for the game room, or for your collection of miniatures is this faithful reproduction of a log cabin. It was copied after the model used in our own Northwest. Made of pine logs, it has a shed roof, a stockade porch in which you plant greenery. 8" x 14". $6.95 ppd. Northern Sportswear, Harrisville, Michigan.

Garden Guide will point the way to a lush and verdant lawn, to a thriving flower border, to healthy shrubs. It is a most accurate test to determine the acidity of your soil. Plastic kit contains: 1 bottle of solution, 2 porcelain test plates, soil sac, color chart, information booklet. $1.98 ppd. From La Motte Chemical, Towson, Baltimore.

BLACK BEAUTY. A Weathervane with loads of appeal, especially for horse lovers. Artistically designed, durable and perfectly balanced to swing easily on oil-filled swivel. Made of aluminum, finished in rich black. 21" wide, 30" high. $19.50 f.o.b. Wheeling, W. Va.

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La Motte Chemical, Towson, Baltimore.
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Keep a handy Householder Plumber in your home for fast action on those annoying stop-ups in your kitchen sinks, lavatories, tubs. As simple and easy to use as a brush. Single use pays for it. Positive holding action of cutting points and brush head frees the clogged plumbing. 36" long, it reaches into traps and sewer inlets, enabling you to clean them. Slash those high plumbing costs. $2.98 ppd. No COD. Carol Beatty, Dept. P-301, 7416 Santa Monica BL, Los Angeles 46, Cal. Send for FREE CATALOG of 200 selections.

Fatwood is a must for the wood-burning fireplace. It's impregnated with resin and tar-pentene, it ignites quickly, it gives off the most delicious pine odor. And 100 lbs. will last all winter. $5.80 express collect for two 50-lb. cartons. Order from The Littletree Company, Winter Park, Fla.

Coffee Hot is an electric tray for you! It uses 50 watts but it will keep the aromatic coffee piping. Or if you are an addict of hot rolls or hot baked potatoes, try serving them on this. Made of polished aluminum, it has black plastic feet and a 6 ft. white cord. $3.75 ppd. Supreme Electric, 194 Vassar, Rochester, N. Y.

Two-way lantern should be standard equipment for a country house! This one is the real old-fashioned kerosene lamp but it comes with an electric adapter. Fill it with fuel if the current goes off and use it as an electric lamp when things are normal. Red steel frame, 8" high. $4.95 ppd. Northern Outpost, Garrison, New York.

Italian crust set to use at the table when you mix your famous salad, when you serve your delicious antipasto. The 6-ounce bottles are hand-blown green glass, the double holder is made of sturdy natural-color raffia. Over-all height 9". $3.50 postpaid. From House of Reward, 38 West 26th Street, Department HG, New York.
**AROUND**

**Wee appointments** for the canapé tray: silver-plated fork, spoon and tongs. These charming servers are made in Sweden from nickel silver blanks finished in a heavy silver plate. The cost is so modest you can afford to give them to many friends. $2.50 ppd. the set of 3. Herbsmith, 137-08 Northern Boulevard, Flushing, N. Y.

**Wild Indians** will love Teep because they can use it both indoors and out. The Chief can hold boisterous pow-wows and no harm will be done to Teep because it is made of polished jute and redwood poles. And when not in use it stores in a small space, 5 feet by 5 feet open. $12.95 exp. coll. Dray-Kah, Box 2121, Dallas, Texas.

**An excellent buy** is this hardwood slicing board. As you can see, it's round and footed which makes it easy to use. And it comes with its own stainless steel, hollow ground knife. You should give this to the host in your house to use when he prepares Old Fashioneds. About 5" in diameter. $1 ppd. Last Resort, Bethel, Me.

**The Keeper** guards your watch and your eyeglasses. This is a sensible device to hang near the bed. When ready to retire put your indispensable glasses, your valuable watch in the easy-to-reach compartments. Ivory or mahogany plastic. About 6" x 3". $2.75 ppd. Cr Mfg. Co., P. O. Box 146, Galena Park, Texas.
WALK ON AIR
Here's quick relief for anyone suffering from calluses, blisters, spur or bruised heels, or general foot fatigue. Albin Air Cush'n Innersoles give your feet immediate comfort. Just place in your shoes and walk. Air moves thru a small channel gently to massage feet. Odorless, non-absorbent, almost weightless. Order by men's or women's shoe size. Only $2.95 a pair (no C.O.D.'s, please—money back if not delighted). Albin of California—Room 10A, 1401-13 W. 8th Street, Los Angeles 17, California.

Holiday special: brass wall plaques imported from England. Impressive and handsome, each has a bas-relief subject: a Cavalier and a Gainsborough-like beauty. Made of heavy-gauge brass, each has a hand-hammered finish. About 11" in diameter. $3.95 ppd., the pair. Suburban Decor, Box 158, Dept. HG, Zone 33, N. Y.

Key Guard is a dragon when it comes to protecting your keys. Attach it to the lining of your purse, thread it with keys and then try to lose them! Made of metal finished in gold color. Key Guard operates at the flip of a finger, has a 16" beaded chain. $1 postpaid. Order from Miles Kimball Co., 176 Bond St., Oskosh, Wis.

The T-bone steak will taste even better if you add a bit of Brockles Special Dressing. It is a delicious sauce reminiscent of Bearnaise and it is perfect to use on fish and salad, too. For your next cocktail party use it as a dip for ice-cold shrimp. $1.80 postpaid for two pint jars. Order from the Brockles Company, 817 South Ervay, Dept. HG, Dallas, Texas.

Continental door bell. You remember this charming vestibule accessory! Shaped like a door knob, it has a key inserted in the center. Turn the key and a most pleasant sounding bell announces a visitor. Made of chrome-plated steel, it is easy to install. $2.75 ppd. Order from Menick's Gifts, 915 North Palm Avenue, Whittier, Calif.
**AROUND**

This kitchen tongs is better than a third hand. Made of chrome-finished steel, it is partially covered with latex surgical rubber. Perfect to use when removing food and jars from boiling water, when removing sacks and cartons from home freezer. 9" long. $2.95 postpaid. Burgess House, 426 S. 6th Street, Minneapolis, Minn.

The work apron has been re-designed! Now it’s a white cotton tie-on bib with a tape-measure belt and six detached pockets. Attach two at a time and when these are filled with snips of fabric and thread use two more. When you have time empty them! $2.95 ppd. per 7 pieces. Henrickson, Box 2426, 6lh Street, Minneapolis, Minn.

In an emergency you will be prepared for almost anything if you have this Car-Kit in the glove compartment. It is fitted with screw driver, ice scraper, flashlight, polish cloth, bottle opener, sewing kit and a whisk broom! Case is made of blue vinyl plastic. Open 10" x 13"; closed 6". $2.95 ppd. Shaver’s, Box 3733, Portland, Oregon.

Oh, what a pal is the Pal Pillow! Try using it when reading in bed, when riding on the back seat of a car, when zooming through the sky in a stratosphere! We couldn’t live without it! Just slip this lovely case over your standard fruit or egg crate and presto! It’s transformed into an attractive violet with a covered shelf, etc. Also use in an attic for bins, comic and potato sacks. 60 quality terry-clothed vinyl plastic slip cover in white, nylon color, with matching stuffed binding. Fits oven or any average shelf to 6" x 10". Each ... $1.00

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**COLORFUL CALIFORNIA CACTUS PLANTS**

Here’s a portion of colorful California for your home—six charming little, cactus plants with colorful permanent blossoms. Each plant is a different species, individually potted in a smart miniature plastic planter pot. Those gaily colored containers have their own stand which is 2½" x 3½". Practically no care needed to keep these California cactus green and lovely. Just $1.95, postpaid. No COD’s, please. Guaranteed to delight. Anthony Morey, Balboa Island 2, California.
**SHOPPING**

Driftwood lamp base for a modern room. The ocean, the sand and the sun combine to make this a thing of beauty. The form is unusually handsome, the color is honey-beige. We suggest that you use a textured shade. About 28" over-all. $27.50 complete with three-way switch. Exp. coll. Alton's, South Bend, Wash.

Carved ivory choker and matching earrings are lovely beyond description. Each ivory bead is carved in the shape of a rose. Earrings are drop or button style ($4.98 the pair); necklace is 17" ($6.58 for one). Sterling silver is used for the earring backs. Postpaid. Tax incl. The Nanking, 2079 Kuhio Avenue, Honolulu, Hawaii.

A stocking stuffer of great merit is ReCap. It's a modestly priced kitchen and bar tool which will permit you to use the large economy-size bottles of carbonated drinks and not have the liquid go flat. ReCap opens and re-seals a bottle factory-tight. $1.50 ppd. for three. From Trisco Industries, 17 East 23rd Street, Chicago, Illinois.

A mark of distinction is your monogram embroidered on a tailored blouse. We show here a rayon faille blouse decorated with a handsome mono­gram. The blouse comes in white, black, brown, navy or beige. Marking can be in any color. 32-38. Two weeks del. $9.95 ppd. Monogram, 223 Bourbon St., New Orleans, La.
AROUND

Cachepot for a contemporary setting: this octagonal solid brass container. Burnished to a golden warmth, it is lacquered to retard tarnish. And the ball feet are practical as quered to retard tarnish. And the ball feet are practical as quered to retard tarnish. And the ball feet are practical as quered to retard tarnish. And the ball feet are practical as quered to retard tarnish. And the ball feet are practical as quered to retard tarnish. And the ball feet are practical as quered to retard tarnish. And the ball feet are practical as quered to retard tarnish. And the ball feet are practical as quered to retard tarnish. And the ball feet are practical as quered to retard tarnish. And the ball feet are practical as quered to retard tarnish. And the ball feet are practical as quered to retard tarnish. And the ball feet are practical as quered to retard tarnish. And the ball feet are practical as quered to retard tarnish. And the ball feet are practical as quered to retard tarnish. 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And, of course, you can always have unexpected corners of the world. And, of course, you can always have the fullest confidence in any shop you discover in House & Garden's Shopping Around pages, whether it is next door, or halfway 'round the globe.

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**SHOPPING**

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**Notice for car owners:** the Handy Hoist is an essential in your trunk compartment. When you get stuck in snow or mud you can extricate yourself.

- Seven hall-bearing pulleys, 100 feet of nylon cord, aluminum plates, 2 nylon straps will lift up to 1000 pounds. $12.50 postpaid. M&B Sales, 8211 Cedar Springs, Dallas, Texas.

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**Your house plants** will be thrifty if you plant them first in peat moss containers before you put them into clay or decorative pots. Root-O-Pot is molded from peat moss and wood pulp and it costs just a trifle. 3½" in diameter, $1.25 ppd. for 10; $2 ppd. for 20. R. H. Hawkins, 1366 Burns Ave., Dept. HG, Los Angeles.

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Anyway you turn it this hardwood block is useful. On one side it is a chopping bowl, on the other it is a cutting board. And it comes with a stainless steel chopping knife.

- It's a gift most women would like because when not in use it is compact to store. $1.98 postpaid. Westbury Hostess, HG, 230 Fifth Avenue, New York.
AROUND

Butterflies beautifully executed in filigree copper and set with opal stones are perfect to wear on a black velvet headband, on a scoop-neck sweater, on a suit lapel. Give them to a fashion-wise girl. Large butterfly is 1 1/8"; small one is 1". $2 postpaid for the two. Fed. tax included. Roslyn Hoffman, 656 Broadway, New York.

A spatter-proof lid on your frying pan will help you achieve crisp dry food. Shown here is Spatter-Prufe, a newly designed skillet lid. Steam escapes through the louvers and hot grease remains in the pan. Lid will fit any pan that measures up to 11". $1 ppd. Hollywood House, 7966 Melrose Avenue, Hollywood, HG, Calif.

Hurricane candlestick to use in pairs an entrance hall, in a sitting room and next year on the dining terrace. The tall sticks (17") are made of brass; base is polished, shaft is finished in satin black. Tulip-shaped globe (10") is clear glass. $25 exp. coll. the pair. Black Bass Hotel, Lumerville, Bucks Co., Penna.

God Bless Our House is the sentiment inscribed on this ceramic planter. Shaped like a shadow-box, it is white with a scalloped edge outlined in rose. Design is in multi-color. Large opening in back will hold vines or flowers. About 4" square. $2 ppd. including your name. Order from Stratton Snow, Box 1898, Delray Beach, Florida.

Butterflies beautifully executed in filigree copper and set with opal stones are perfect to wear on a black velvet headband, on a scoop-neck sweater, on a suit lapel. Give them to a fashion-wise girl. Large butterfly is 1 1/8"; small one is 1". $2 postpaid for the two. Fed. tax included. Roslyn Hoffman, 656 Broadway, New York.
SHOPPING AROUND

Either way you use these trays you'll enjoy a constant satisfaction. Made in Sweden, they are solid brass and have removable handles. Rectangular tray is 11" x 7¼". $4.25. Round tray is 8" in diameter. $4. Postpaid. Each is lacquered to resist tarnish. Order from The Pitts, 20 Romolo, Department HG, San Francisco, Cal.

Telemension glasses were designed to give a three-dimensional effect to the programs you watch on TV. One lens has a high-tint, the other a low one and the combined effect gives perfect focus. Anyone can wear these including people who wear prescription glasses. $1.59 ppd. the pair. Telemension, 2109 Bayshore, Tampa, Fla.

Tin can trophy can be the means of lots of fun if you present it to the guest of honor at a party. He doesn't have to have achieved any worthy pinnacle. Just give it to him during a dull in the fun and it will revive the gaiety. Made of tin cans and tin plate. About 13" x 7". $5 ppd. Galanka, 19 Burbank St., Yonkers, N. Y.

Black and white accent for a modern table: the opaque white oven dish by Glasbake and the black-finished wrought iron holder. Each side of the divided dish holds a pint. You will find that this is just the right size serving dish for the small family. $2.89 plus 25c for postage. Ormand's, 1758 Hyde Park St., Sarasota, Fla.
Mechanics of living

Winter’s cold and clear weather should spur you on to new interest in household equipment and chores. To help you, here’s a new incinerator that stops ashes from scattering, slip-on weather stripping for exterior doors, a meter that tells you how fast and from where that cold wind is coming, and a new circular thermostat to show you, at a glance, how warm or cold your house is. Ease your tasks with these new products.

**Round thermostat** has snap-off plastic cover which may be pap­ ered or painted to match wall colors. Easy-to-read dial tells temperature instead of a therm­ o­ meter. Thermostat is set by turning plastic ring of dial. Half a sphere, the thermostat meas­ ures 3½” in diameter and is 1½” thick. Price, $12.80. Minneapolis-Honeywell Regulator Company, Minneapolis, Minn.

**Bronze weather stripping** is held on bottom of door by ten­ sion of channel sides. Thin-gauge tempered bronze insert bows out to contact door sill. No nails or screws needed. Standard lengths 2½” or 3’; thickness is 1½” or 1½”. Prices, $2.15 to $2.50. Complete set available with top and side adhesive-backed strips. Kunkel Products, Akron, Ohio.

**Outdoor incinerator** can be used in any kind of weather. Cylindrical shape makes it easily portable. An 8-inch-high spark arrester prevents flying debris. Sliding door at base provides draft control. Capacity is two bushels. Dimensions are 21” in diameter and 41” high. Inner basket removes to empty non­ burnables. Price, $37.95. Majes­ tic Co., Huntington, Indiana.

**Meter** tells you wind’s speed and direction on one instrument from inside house. Mount recording device on exposed part of roof and wire it to receiving instrument (cables provided). Dual dials record velocity of wind up to 200 mph. Direction of wind is indicated by light at touch of push button. The Anemometer and Anemoscope in a combined unit are priced at $159.50. Daro Enterprises, Miami, Florida.

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Even blindfolded you can tell why Ponderosa Pine windows reduce air conditioning costs!

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Shop for the home

Here is the shopping information for the merchandise shown on pages 42-43. For prices on the items below write to House & Garden's Reader Service.

Loeb house

Page 42 upper picture:

On terrace:
Brown flowerpot, by Design Technics.

Lower left (downstairs):
All furniture, Allan Gould Designs, Inc.

On counter:
Wooden salad bowl, Americana House, N. Y.

On dining table:
Pitcher, mugs, Rowantree dinner plates, French cord basket, linen napkins, teak knives and forks with stainless steel blades, rosewood salt and pepper shakers, and large Schier bowl and wood trays for baked potatoes, all Americana House.

In background:
Green and brown bowl and plate (on end table), free-form bowl and ashtrays (on coffee table), and ashtray (on ottoman), all by Design Technics.

On fireplace hearth:
Basket which holds wood and fire- tool, Americana House, 'Sailboats', oil painting, by Allen Ullman.

Page 43, lower right (upstairs):

All furniture, Allan Gould Designs, Inc.

On tea table:
Peuter tea set: teapot, sugar and creamer, tray, imported by Brats', Inc.

'Capri' pink, green and yellow plaid tablecloths (60" sq.), Leacock & Co.

Bridge reading lamp with brass finish, and white shade, Nessen Studio, N. Y.

Tile plaque (on bookshelf), Americana House.

Carpets by Barkwic Mills.

Table on deck:
Peuter vase, by Brats', Inc.

Ceramic ashtrays, Design Technics.

Rowantree teacups and saucers, Americana House.

Living in small space

Here is the shopping information for the merchandise shown on pages 82-83. For prices on the items below write to House & Garden's Reader Service. All merchandise on pages 82-83 at B. Altman & Co., N. Y.

Page 82, upper left:
Butterfly dining table (two-leaf extension 83" x 12")

night tables with brass pulls, cocktail table (34" x 19" x 18" h.), painted red burl wood, and chest with brass pulls, all from the 'Ethan Allen' group, in 'nutmeg' finish maple by T. Baumritter Co., Inc.

Slat back Hitchcock dining chairs with brass-filled back, and newel posts, by Shaw Manufacturing Co., Inc.

Slate top buffet with brass pulls (40" L), both from 'Sherwood Reproductions,' by Youngsville Star Mfg. Co.

Curtains made from 'Gates' printed nylon linen, by Holmes-Hall Marx.

Lower right:


Flip-top dinette table (24" x 48" x 30" h.) opens to double size, wrought iron legs with blonde mahogany top, by Founders Furniture Co.

Table setting

Here is the shopping information for the merchandise shown on page 86. For prices on the items below write to House & Garden's Reader Service.

Page 86:

'Old French' flat-handled butter knives, by Gorham Silver Co.

Handkerchief linen cocktail napkins with hemstitched border, by Eton Inc.

'Conversation' group. 'Time,' 'Aquarium,' and 'Music' patterns in china, by Franciscan China.

3-compartment electric food warmer, by Melco.

3-branched brass candelabra, at Bloomingdale's, N. Y.

Candles by Will & Baumer.

Gold-plated round basket, 8" in diameter, at Helen Cole, N. Y.

Copper epagines, at Sumpson, N. Y.

Glass tray with brass gallery and brass ice bucket, by Maxwell-Phillip.

Puritan decanter. 40-oz. martini mixer, by Maxwell-Phillip.

Puritan decanter, 40-oz., martini mixer, and coalport 16-oz. highball glasses, by Heisey Glass Co.

Furniture designed by Finn Juhl, photographed at Manor House, N. Y.
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Nassau and the Bahamas

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On a map the Bahamas look like exotic bits of costume jewelry. At first-hand, they still retain their jewel-like quality, thanks to the brightness of the atmosphere, the iridescence of the blue-green sea, and the gay coloring of the buildings that nestle under deep green fronds of palm trees. Add to this the fact that their surrounding waters are one of the world's great fishing and cruising areas, that the winter climate is temperate (it fluctuates between 70 and 80 degrees), that Nassau, the capital, is less than one hour by plane from Miami, and it is easy to understand why this sparkling archipelago has become one of America's favorite off-shore playgrounds.

Christopher Columbus, the first European visitor to the Bahamas, wrote that the trees 'are all green and the grass is like it is in April in Andalusia... and there are little birds of so many kinds, and all smell so that it is a marvel.' He was, in his fashion, as captivated by the Bahamian flora as any visitor today.

The prevailing mores of the Bahamas are British, which accounts for the particular blend of, to paraphrase a current Broadway play, tea and seascape. In the more populous areas, especially Nassau, natural flamboyance is tempered by a certain homeliness peculiar to England. Typical in this respect are the sturdy colonial buildings, constant reminders that civilization invaded the tropics. The traditional Bahamian building keeps nature outside, so no matter how stirred you may be by the delightful conspiracy of sea and coconuts, you cannot help being aware of the amenities of British colonial life. This means that you will have a good time similar to the kind you might have in any British club, with black tie prominent after dark during the winter season.

There is no dearth of activity either before or after sunset. The swimming is excellent at any of the hotel beaches or at Paradise Beach on Hog Island. If you care to sail, the Nassau Yacht Club has boats for hire. For fishing, you can charter fully equipped cruisers and hire guides by the day or longer. You can try spear-fishing and water-skiing. For golf, there is the internationally famous 18-hole course at the Bahamas Country Club. For tennis, there are superb courts available at the Bahamas Country Club, Paradise Beach, British Colonial Hotel, Fort Montagu Beach Hotel, and, if you are introduced by a member, the Nassau Lawn Tennis Club and Lucayan Tennis Club. There are miles of bridle paths and lanes for riding enthusiasts, and racing at Hobby Horse Hall.

Nassau's Bay Street is filled with fascinating shops in which you can make purchases up to $200 that you can bring into the U.S. duty-free after a stay of 48 hours, $500 after 12 days. Particularly good buys are English and Scottish woollens, Liberty silks, French perfumes and doeskin gloves, English bone china, Sheffield cutlery, sterling silver, crystal and leather goods, as well as native straw and sisal products.

You will ride along palm-lined roads and avenues as you leisurely go sightseeing in a fringe-topped surrey. Among the things you will probably want to take in are the Forts Montagu, Fincastle and Charlotte, the native markets, Government House (for a while the official home of the Duke and Duchess of Windsor), Gregory's Arch, Grant's Town, the Queen's Staircase, Blackbeard's Well and Tower, and the Marine Gardens (for these you take a glass-bottom boat at Prince George Wharf). If you like dining and drinking with a water view, try the Harbour Deck of the Prince George Hotel. You can, of course, do the same sous palms at practically any restaurant or hotel in the Bahamas. Dancing is glamorous at the Royal Victoria's Palm Terrace and in the Continental Room of the British Colonial Hotel. Somewhat more jaunty is the Jungle Club of the Fort Montagu Beach Hotel. Nassau also supplies its own brand of dimly-illuminated bar, Dirty Dick's, an institution of long-standing fame.

If these suggestions strike you as too energetic, there are any number of hotels and guest houses in which you can sit and relax to your heart's content. Among the most prominent hotels are the British Colonial, the Royal Victoria (and garden), the Fort Montagu Beach Hotel situated as its name implies. The Balmoral Club at Cable Beach, to which you must apply for membership, is just a few minutes west of Nassau. Newest, it is a  (Continued on page 96)
SKIING is America’s winter weakness. From now until April its thousands of addicts will rush to the mountains for week ends and winter holidays. From New England to Canada and to the Rockies, resorts have smoothed their slopes and ski schools are ready to encourage the beginner, challenge the expert. Whether you prefer rustic or luxurious quarters, you will find accommodations to suit your taste.

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HOUSE & GARDEN
January, 1954

BUILDING
What makes a good small house
A good small house has personality
A good small house is flexible
A good small house fits family needs
A good small house acts bigger than it is
A good small house expresses individual taste
A good small house divides space for greatest usefulness
A good small house makes the most of its lot
A good small house can be easily expanded
A good small house apportions space skillfully
A good small house merges indoor with outdoor living
New products help you build a better small house

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Sliding window expands study into garden
Brick wall gives this city garden privacy
Three separate terrace gardens enlarge living space in a small plot
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Simple devices for growing plants by P. J. McKenna
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Eleuthera
Andros

YOUNG IDEAS FOR YOUNG INCOMES
Week-end builders, chapter twelve
How to select and use a basic hand-tool kit

FOOD
A cocktail party is the key to effortless entertaining
Homemade miracles by Marion Moses O'Brien

ON THE COVER: A small, personable house with a big life. Its heritage is plainly Louisiana plantation (French gray shutters, wide louvered doors keep the New Orleans flavor) but it is not a scaled-down carbon copy. Uninterrupted indoor-outdoor living and an open plan make it unmistakably contemporary. Inside, Mr. and Mrs. Jason Elsas have provided modern comfort and convenience for themselves and their six children. Beyond miniature gardenia bushes, the house overlooks a neighboring golf course. Details, page 54. Photograph by Tom Leonard.

HOUSE & GARDEN is published by The Condé Nast Publications Inc.
Ivan S. Patricht, P(side"

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What makes a good small house

Look for these points

- **Space**: Does it live larger than its actual size?
- **Proportion**: Is the space well distributed?
- **Flexibility**: Do the rooms do double duty?
- **Convenience**: Does it work well for you?
- **Livability**: Does it fit your family needs?
- **Personality**: Does it express your own taste?

Factfinders tell us that over 55% of America's homes are owned by the families who live in them. With thousands of new houses mushrooming every year, most of them under 2,000 square feet, the house you get will probably be a small house—not from choice but because space costs money as never before. Every extra foot, every stray inch of floor space has to be scraped and saved like chips from a diamond cutter's chisel. And it's safe to say that the squeeze is not only on you, but on everybody. Families of every size and income are finding it necessary to settle for less than an ideal amount of elbowroom. Since the real size of a house is measured not only in square feet but in terms of living convenience, a small house needs all of the ingenuity 20th-century planning can offer.

What, then, is a good small house? It is a house which gives you the greatest usefulness per dollar invested. Basically, a good small house is a study in essentials, the result of clear thinking about first things first. Just because it is small does not mean that it is a big house in miniature, a palace seen through the wrong end of a pair of field glasses. It is a special and individual solution to a special and individual problem. Through sound planning, a small house can turn limitations into virtues.

A number of things make a small house good. First, and most vital from the viewpoint of nerves and emotions, is spaciousness. A house of any size can look and feel larger if it is designed as a whole continuous space. The so-called open plan, developed in the past four decades, is really a way of doing just this: gaining the luxury of spaciousness in what may be, by the yardstick, a very limited area. It means that by eliminating partitions—between the living and dining rooms, for instance—you have one larger, more airy room which seems to push back the boundaries of the house. It means that by opening some part of the house to the grass and trees outside, the interior can actually seem as large as the site and the view. To tell the truth, open planning is an optical illusion, one of the most valuable visual deceits of our day. Princes and dukes in 16th-century villas knew the value of illusion when they commissioned fool-the-eye murals of receding gardens to make rooms seem endless.

Proportion is equally important—that delicate balance between what you want and what you can have. As with any budget, if you splurge on Monday you may be caught short on Tuesday. If a palatial living room means that the bedrooms are postage stamps, things are not in balance. If there is more hall space than kitchen space, the scales are not tipped on the side of logic. In this matter of apportionment, the objective is 24-hours-a-day comfort and enjoyment. When the space in your budget has been suitably distributed, the result should be a pleasant interior which makes you happy. If the rooms are well shaped, if they are well related to each other, (Continued on page 97)

On the next 22 pages, a portfolio of
10 small-scaled houses for large-scaled living
1. A good small house has personality

- Wide bay windows, front and back, act as window walls yet are in key with traditional decoration
- Balcony shields bedroom windows from sun and rain, is convenient upstairs porch in warm weather
- Full basement and loft over two-car garage provide two floors of storage space

This carefully detailed house in Lake Forest, Illinois, fits the present needs of its owners, Mr. and Mrs. Lester A. Clark, yet can expand easily and gracefully whenever needed. It is furthermore attractive proof of the freedom of choice in daily living that follows in the wake of democracy. The Clarks wanted a two-story house because living on one floor makes them feel that they are living in an apartment. They wanted a basement with plenty of storage space, and a style of architecture that would enhance their collection of English and American antiques. They wanted their house arranged so that only occasional day help would be necessary to keep it running smoothly. This plan efficiently takes care of their wants and want-nots, both present and future. For the present it provides a basement, living room, hallway, dining room, kitchen, three bedrooms (one of which is used as a library and easily becomes a guest room), two baths (one per floor), a porch and a garage. For the future it anticipates the following changes and additions: the garage will become a large all-purpose room with bath, which on occasions will be used for guests; the porch will become a library; and a new garage and porch will be added. Bay windows, front and back, and a second-story balcony off the bedrooms take advantage of the beautifully landscaped vistas of a once large estate, while the porch looks to the fairways of the Onwentsia Club. Careful placement of the house on its acre site permitted magnificent old trees to remain. Around them, Mr. and Mrs. Clark, who find pleasure in working out-of-doors, have filled in shrubs and plant beds, doing the landscaping themselves.

Traditional two-story plan with central stairway has been designed to allow for further expansion and alteration. Although compact, it has plenty of room. Loft above garage augments basement storage. Architect: Jerome Cerny
This romantic 1954 version of the traditional house was born from a deep-seated American attachment to New Orleans ironwork, leaded glass windows and quiet Georgian charm. Faced with lemon yellow brick and French gray shutters, it puts a composed foot forward. A balcony upstairs catches the air; bay windows downstairs catch a deep landscaped view.
This dry-land version of a houseboat enjoys its own private river bank

Downstairs family room is a combination kitchen, dining and playroom which opens to terrace. It is a perfect combination for a woman who likes to cook and enjoy her family and friends at the same time. It also makes very good sense as the children's in-and-out headquarters.
2. A good small house is flexible

- Downstairs kitchen-dining-playroom and upstairs living room-study put two floors to full-time use
- All rooms but one face the river view
- House roof doubles as a sundeck terrace
- Storage space is at points of use. Example: downstairs, off the playroom, are built-in cupboards and closets for games, party equipment, etc.

It was perfectly clear to Mr. and Mrs. Harold Loeb that (1) children do more running in and out than adults, (2) the kitchen is the heart of the hustle and activity, and (3) the upstairs offers more peace and quiet than the downstairs. Therefore, they planned their two-story modern house, on a sloping bank of the Saugatuck River near Weston, Connecticut, to fit these facts of family life.

The major results of their very personal planning are two family rooms, one on the first floor, one directly above it. On the first floor it is a kitchen-dining-playroom, open to the terrace. Here Mrs. Loeb can enjoy cooking and companionship at the same time; buffet suppers can be given without effort; and the children are free to come and go, watch television, have parties. Upstairs it is a treetop living room-study with a generally quieter atmosphere; here Mr. and Mrs. Loeb and their friends like to congregate. (Note: when neither generation has guests, the rooms are used turnabout, with parents and children gathering sociably in either room.) The bedrooms are placed for privacy, and the storage space disposed at points of use; for example, on the playroom level are closets for lawn games, card tables, outdoor cooking equipment.

For further details see page 28

Two-story plan is economical and convenient for family with children. All rooms but one face the river. George S. Lewis, architect, and Allan Gould

Upstairs family room is a living room-study
GOOD SMALL HOUSES continued

3. A good small house fits family needs
This house has first-floor privacy for parents, enough room upstairs for six children.

- It combines traditional French styling with present-day planning, materials and equipment.
- An L-shaped terrace wraps around the major rooms, has a secluded outdoor dining area.
- For parties, living and dining room can be thrown together by opening wide louvered doors between them.

Since Mr. and Mrs. Elsas are very hospitable, they made their plans with entertaining in mind. The living room and dining room (its size was determined by the length of the dining table with all leaves in for a party) can be thrown together by opening the wide louvered doors between them. Both rooms open to the terrace, which is used for luncheons, cocktail parties, and barbecues and dances for the teen-age children. Overnight guests are accommodated in a one-room-and-bath wing, and the master bedroom is a quiet retreat off by itself. For family living the house works equally well. The study is the television and family gathering room; it is also used by children and their friends if the living room holds a grown-up group. The upper floor (air conditioned year round, like the whole house) includes a boys’ dormitory and two smaller rooms; it is reached through a stair next to kitchen and breakfast room, without tracking through main rooms or front hall. Later, when all the children have grown and gone to live in homes of their own, the upstairs will be closed off and Mr. and Mrs. Elsas will have a one-floor house just for themselves.

The largest of these houses is comparatively small when related to the fact that there are six children in the owners’ family. It shows the wisdom of one-floor living for parents, plus upstairs quarters for the younger generation. It also shows that such a plan can fit into the restrictions of traditionally styled French architecture. Mr. and Mrs. Jason M. Elsas’ house belongs to its New Orleans country setting as well as to a big, enthusiastic modern family.
4. A good small house acts bigger than it is

- Living-dining room is large (and looks even larger) because of floor-to-ceiling window-wall
- It offers a choice of outdoor areas: screened porch, terrace, river-side picnic spot
- Natural landscaping, wild flowers and plants eliminate garden chores and grass cutting
- Skillful site planning turns a difficult, wedge-shaped lot to good account

Given a picture window with a picture, there is no doubt but what it adds space and interest to any room. And if this picture is a woodland panorama, so much the better. This is true of Mr. and Mrs. Louis A. Stevenson’s house in the River Oaks section of Houston, Texas. The site is a sloping, densely wooded one which provides natural privacy and shade. The floor-to-ceiling window-wall is in the living room, facing the woods. And since the woods are spotlighted at night, the owners can enjoy, both by day and by night, the ‘continuous floor show put on by the birds and animals—all sorts of birds, squirrels, rabbits, turtles, an occasional armadillo, and once a parade of five raccoons’—a delightful prospect, viewed from any size house.

But this is only one of many reasons why the Stevensons’ house lives and looks larger than it is. It budgets space well; the living-dining room wing is half the size of the house, bedroom and sitting room are comfortably sized, service rooms are minimum, waste hall space is nonexistent. Rooms are only a few steps apart. And to add outdoor living space to indoors, a pleasant porch, enclosed by screening, roofed by glass, adjoins the living room. It, in turn, is a link to a brick-paved outdoor terrace. Both these agreeable spots are near the kitchen, so it is easy to serve meals outdoors.

The Stevensons did not build their house, they bought it, but for such sound reasons  

A house in the woods has natural privacy and shade, and the ever-changing patterns made by sunlight filtered through the treetops. This view shows Mr. and Mrs. L. A. Stevenson’s screened-in porch, which opens off one side of the living room, and brick-paved terrace.
(Continued) that it fits them like a glove. While raising their children (now married), they lived in a number of large houses and came to some very definite conclusions as to what kind of house they wanted to live in when they were again a family of two. They chose this house because it was small in size but spacious in feeling, all on one floor, with no waste space. They liked it because it would be easy to take care of: terrazzo floors; natural California redwood exterior walls that require no painting; a site that requires no lawn-tending; air-conditioning to reduce housecleaning chores, as well as to make the Texas summer heat bearable. They also chose it because it had a certain air of simple elegance (for example, the fireplace wall is Texas shellstone) and clean, modern lines that suited their modern furniture.

All the house lacked was a guest room. This the Stevensons added in the form of a guest house. It is a small redwood structure, linked to the main house only by the screened porch and path. It is sufficient, has one large room and bath, and can be air-conditioned when occupied.

The house has proved easy to live in and entertain in; also it allows considerable space and variety for both. Take, as an example, the possibilities for dining. The Stevensons can eat in the living room, at a marble table on the screened porch, on the adjoining terrace, at a picnic table in the woods, or al fresco around the barbecue.

As final proof that their house really belongs to its wooded site, Mrs. Stevenson has decorated it in colors inspired by the woods: soft greens, browns, beiges, whites and blacks. This color scheme adds to its feeling of spaciousness, for it helps make site and house one continuous whole.

- Inside, this house is just right for a family of two. Note connecting bedroom and sitting room; separate baths and dressing areas
- Air conditioning eliminates dust, dirt, heat, mugginess, and cuts housework to a minimum
- Materials are both elegant and practical; for example, terrazzo floors; shellstone fireplace wall

Floor plan shows how big the living-dining room is in relation to small four-room house, and how it opens to woods and porch. Connecting bedroom and sitting room have direct access to outdoors. New guest room is separate structure near screened porch. Architects: Cowell & Neuhans
Long window-wall in living room overlooks woods leading down to a river

Shellstone fireplace wall, terrazzo floor are elegant and practical

Beyond dining side of living room, a screened-in porch, open terrace.
5. A good small house expresses individual taste

- It is thoroughly Colonial, frankly and delightfully neat, small and cozy
- Every detail is carefully authentic: the front door latch and bolt, the mellow old paneling, the small bricks made by hand many years ago
- Its one concession to modern indoor-outdoor planning is the breezeway room, open to the terrace
- Its simple plan and architectural character make housekeeping easy

If rules are made to be broken, this snug little gray clapboard house in New Canaan, Connecticut, is a fine example of why. It breaks most of the rules for how to make a small house seem larger, has not even a suggestion of open planning, window walls, or multiple use of space. Like its prototype, an old house in Lynnfield, Massachusetts, it is thoroughly Colonial, frankly small and cozy. No other kind of house would have been right for Mr. and Mrs. Philip L. Kirkham, whose heritage is deep in New England's past and whose hobby is all things Colonial.

Since their children had grown up and married, the Kirkhams planned this house just to suit themselves. It is square, compact, with each room for a specific purpose and each completely closed off from the others: downstairs are the living room, dining room, kitchen, and master bedroom, convenient as a one-story house; upstairs are the guest room and bath. It is carefully authentic in every detail, and all visible materials were taken from 18th-century houses of comparable style and size. For example, the fireplaces and chimneys are laid up with small bricks, some of which show thumb prints of the workmen who made them by hand years ago. It makes only one concession to indoor-outdoor planning, and this in suitable New England tradition. The breezeway between house and garage is an all-purpose room six months of the year, but is known as 'the summer kitchen' and furnished accordingly: antique pine tavern table, dough box, captain's chair. It also includes a fine big fireplace.

This square, two-story plan has many advantages; it is very compact, every room is a corner room, and no space is wasted. Note that it lives like a one-story house, for only guest quarters and unfinished storage space are upstairs. The breezeway room and terrace are shielded by the house and garage. Architect: H. Lawrence Coggin
This Colonial house has more than its share of Early American charm; it includes original clapboards and trim from 18th century houses.

Rear terrace and breezeway are used six months of the year. Kitchen door opens to terrace, makes it easy to serve meals outdoors.

Breezeway room, furnished like an old-fashioned kitchen, is where the Kirkhams entertain in summer. Future plan: removable glass walls so they can use it year-round.
Under Southampton’s blue sky, a pink house with flame-colored shutters, white roof, and many small elegances of detail.

The living room has a high tray ceiling, polished asphalt tile floor, old and new furniture.

Guestroom has checkerboard floor, shuttered windows.

Small kitchen is as feminine as it is efficient.
6. A good small house divides space for greatest usefulness

- One large living room (25' x 27') stretches the sociability of a four-room house
- Outside, candy-colored building materials give the house charm, individuality
- Inside, the owner's knack with standard materials makes the house completely personal
- Two bedrooms and baths, placed a wing apart, let both hostess and guest withdraw to seclusion

Anybody who believes that the words 'stock materials' are the negation of individuality and elegance should study the house on the facing page. Its owner is Mrs. Orson Munn (she's the talented dress designer, Carrie Munn). From floor plan to last details, this four-room house in Southampton, Long Island, is completely personal, completely hers. Yet every part of it is made of standard building materials. Exterior walls are sheathed with asbestos siding and the roof is ordinary asphalt shingle. It is the color which keeps these from looking commonplace. Mrs. Munn discovered that siding was made in carnation pink which she pointed up with flame shutters. The roof is pebbly white. The first impression as you enter the house is its feeling of space and sheen. This begins with the rugless floors which are either shiny vinyl plastic or asphalt tile. They are arranged in large checkerboard squares in living and bedrooms and smaller ones in the tiny mirrored entrance. Living-room walls are of wallboard so smoothly fitted that they look like plaster. Like the tray ceiling which gives extra height to the 25' x 27' living room, they are painted chalk white. Because Mrs. Munn disliked the eyebrowless effect of unadorned Venetian blinds, she framed her big living-room windows with a valance made of by-the-yard textured plywood cut into a Greek key design. Though this room has five doors, it gives no sense of being a through-way because two of them are protected by fretted white metal screens. When Mrs. Munn wanted a free-form fireplace to carry out the lines of her mainly-French furniture, she cut out a paper pattern just as she would for a dress and had it molded out of concrete and plaster. Living-wise, the house is planned primarily for weekend use. A pretty pink kitchen is an invitation for hostess or guests to cook. With the aid of a part-time maid, Mrs. Munn gives well-organized buffet parties and large cocktail parties which start in the living room and usually spread out onto the paved back terrace.

Floor plan shows how a four-room house can have a big-house air. An oversize living room (25' x 27') multiples itself in season by means of a paved back terrace. A bedroom and bath on each side of the house offers apartment-like privacy for both owner and guest. The small kitchen has exits to the terrace and living room for service.

Builder: Clarke Smith
7. A good small house makes the most of its lot

- On a plot only 72 feet wide, 1,200 square feet of house plus 800 square feet of covered outdoor living areas
- Jalousies, floor-to-ceiling sliding windows let breeze circulate throughout the house
- Roof overhangs protect rooms from rain and sun, create outdoor living areas off bedrooms
- Adroit landscaping with tropical plants, redwood fence, screens front terrace from street

A good formula for any size house in any climate is to plan inside and outside areas together. But this clean-cut little house in Tampa, Florida, designed by young architect Mark Hampton for his mother has walls which open on every side and literally let the owner live all over the lot; 1,200 square feet of house are linked to 800 square feet of covered outdoor living areas in such a way that Mrs. Hampton has complete privacy on every inch of her 72-foot lot. For a woman whose year-round hobby is gardening, this is a quite perfect combination. The house is just one room deep, with sliding windows and jalousies for complete through-ventilation. Wide roof overhangs keep out hot sun and tropical rain, shelter the two covered terraces: one in front to extend the living room and the other at the side off the two bedrooms. A breezeway roofed with translucent glass is an arbor-like element of the garden connecting house and carport. While the house is both modern and Japanese in character, it also incorporates antique furniture and details.
Mrs. Hampton's bedroom opens to terrace. Note painting over jalousie.

Between dining room and kitchen, a partial partition (left).

Plan shows: (1) only four partitions are needed to divide space in house; (2) all sides of house open to air, view, and outdoor areas. Architect: Mark Hampton.
8. A good small house
can be easily expanded

- By adding a dining room and guest suite
  this house gained new livability
- Expansion was possible with few changes in
  original floor plan; walling one door, opening
  another, moving a bathroom
- Garage at street front shields outdoor living area,
  creates attractive courtyard entrance to house
- One-story plan joins outdoor living areas to
  traditional Colonial architecture

It's wise to keep the future in mind when building any small house. Can it be expanded if necessary? When Mrs. Whitney Wright moved from a larger house to this smaller one in Bryn Mawr, Pennsylvania, she did not expect it to house her daughter, son-in-law and their child. But when they joined her temporarily, the house was easily enlarged to meet new requirements. She added a bed-sitting room with separate entrance and private terrace for them and, at the same time, added a separate dining room. The result is proof that many a good small house can expand to suit growing or changing family needs, with few alterations to its original plan.

What makes this house so charming is its U-shaped plan, which wraps around a completely private outdoor living area. The entrance is strategically and sensibly placed between the garage and the kitchen, which shield the house from the road. Its wide, double door is louvered and pleasantly recessed beneath the garage roof overhang; you open it and walk through a passageway to enter the house from a sheltered gallery. Such modern indoor-outdoor planning has enhanced an otherwise quite traditional house which combines Georgian and Southern Colonial architecture.

Inside, the house works perfectly for a woman who enjoys the luxury of enough rooms so that none needs to perform double-duty miracles. Since sit-down dinners can be served in the dining room, the living room can be used as a living room exclusively. Mrs. Wright's quarters are quietly secluded in the bedroom wing; her bedroom opens to the patio, bathroom, dressing room, and a tiny solarium which is a year-round sun-pocket for growing flowering plants. The added-on rooms at the rear create a self-contained guest suite.
This U-shaped house shelters an open gallery and outdoor living area. Garage wing (left) shields it from road.
9. A good small house apportions space skillfully

It should surprise no one that a young architect and his artist wife might tackle a small irregular lot (and a small budget) with more than average imagination. To get the most from their site, Mr. and Mrs. Walter Gordon of Portland, Oregon, designed a two-story house and tucked it away at the rear, screening out the street with trees, high plants, and a fence. By equipping this completely private area in front for outdoor living, they created, in reality, a second entertaining room for summer. Where the land sloped, they gained a light basement room, all above ground, for Mrs. Gordon's pottery workshop. Inside they concentrated on a high, wide and handsome living room to make the house seem larger than it really is. Near the fireplace, the ceiling is low, the atmosphere cozy; the rest of the room is big, open, and two stories high, with a built-in music wall and enough floor space for a dance. Other rooms fit around, above, and below the living room, offering privacy to guests who make their headquarters upstairs, to Mr. Gordon who has a workroom above the living room, and to the owners whose bedroom is on the first floor. An intimate dining room dovetails with the living room for parties. Vinyl floors, recessed baseboards and the sort of built-ins that would stir an efficiency expert make the house exceptionally easy to keep in order. Example: mail delivered through wall slot lands on kitchen planning desk.

- Six satellite rooms fit around a big, two-storied living room
- Good planning capitalizes on a poor site, creates a private outdoor living room
- Even the mailbox is efficient: letters are delivered through slot to kitchen planning desk

Two-story house takes up less land area than one-story of same size, yields extra high and spacious living room. Walter Gordon, architect
Cabinet under stairs holds books, radio-phonograph

Conversation end of living room is small and cozy, faces brick fireplace

Entrance is through outdoor living area, screened from street by trees, plants, fence. Walls are red cedar, trim is white
10. A good small house merges indoor with outdoor living

- Space, versatility, glamour—all for $17,500
- Outside, it has glamour: planting areas, trellises, cut-out wood screens, radiant-heated terrace
- Inside, it has a large-scale living room, mahogany plywood walls, cork floors, high ceilings, window walls
- It is economically priced because many houses are produced from the same pattern

'All you need is money' is not necessarily true, not even if what you want is a house complete with built-in glamour. Nor, lacking a Midas pocketbook, must you be full of imagination, and able and willing to lay your own bricks, build your own bookshelves, and paint your own walls. The alternative is to come upon an exceptional architect-designed house, ready-made in a real estate development. While you will not have the thrill of a house designed to fit your purely personal ideas (it has to suit an average family), you will save building dollars because of its quantity production, and may get a very good house for comparatively little money.

Because this house is being built in quantity (192 houses in Palo Alto, California), its low price covers many usually expensive details: sliding doors, storage walls, a planting bay to be enjoyed from both master bedroom and living room, a trellised patio screened by grilles, mahogany plywood walls, not to mention such push-button equipment as a dishwasher, garbage disposer, radiant-heated floors. It looks and lives larger than it is because of window-walls, high ceilings, and an open, indoor-outdoor plan. This floor plan arranges 1,300 square feet so that the living room is a living room, not a passageway. The space budget is well spent, where it counts most, and with no hesitation about multiple use: for example, the heart of the house is the living-dining room, adroitly joined to the kitchen, which in turn is open to the utility room. This is a livable arrangement for young couples with children and without help.

The great unanswered question: What can you learn from this mass-produced house that you can apply to a custom-built house on the plot of your choice? (1) Careful advance planning pays, so space is well portioned for livability. (Also, careful advance planning means fewer last-minute changes, always costly after building is underway, rarely permitted by smart builders.) (2) Fewer inside walls and doors not only produce a more spacious, open plan, but also cut structural costs. (3) Architectural details and materials add warmth and interest to a small house. (4) Privacy is possible even on a small site. (5) It is wise to set aside some money for landscaping; so far, half the families who have bought this house have been glad to spend an extra $850 for the planting, which is not included in the $17,500 price.
Exterior is neither sparse nor boxy: scored redwood siding walls, a grille (above), trellises (right) give texture.

Plan has no waste space, much living space. Living room, bedroom face planting bay. Architect: Burton A. Schutt

Large-scale living-dining room has high beamed ceiling and sliding glass window-walls. View here is toward planting bay (note airy overhead lattice, use of tall plants), and on through to the master bedroom.

Kitchen faces front, is screened by grille from across-the-street neighbors. See plan for how it is separated from the living room by only partial storage wall and counter; how it opens to utility room.
Here begin 16 pages of practical garden ideas for every homeowner who wants to grow flowers, fruits or vegetables in small space

What makes a good small garden

Each of the gardens on the following pages suggests ways in which you can use every inch of soil you own. Many are owner-designed for practical maintenance, to allow more leisure for outdoor living. All are an inspiration for anyone with a small back yard or a medium-sized lot. Among them you will find easy ways to create suburban dining terraces; brick plant beds that double garden space; rock gardens, pot gardens and play areas. Among 1954’s newcomers for every garden, you will discover a sweepstakes of annuals, perennials, new roses, new midget fruits and vegetables for gardens in limited areas; new aids to speed spring planting; a method of deep tillage to improve your soil, and news of power gardening equipment for ease of operation on small sites.

Opposite

- Azalea borders, evergreen shrubs

seclude a paved sitting terrace

This sitting terrace in Memphis, Tennessee, is one of three easy-upkeep areas including a garden house and barbecue. Brick walls with flowering shrubs and evergreens screen terraces from nearby houses. Double-trunked, native hawthorn acts as pivot for curving path. Holly grows under a large shade oak. Groundcovers of vinca minor, bright blue ajuga edge brick, flagstones. Kurume azaleas give background color. Designed for Mr. and Mrs. James O. E. Beck, Jr. by J. Duke Moody.

Right

- A pergola roof, brick wall form dining area

Outdoor dining area in Chestnut Hill, a Philadelphia suburb, was owner-designed by Mr. and Mrs. Martyn Kneedler, who utilized an old brick wall with existing grapevines, English and cut-leaved Irish ivy. To this they added a pergola roof for shade, a crushed pebble floor and brick border. Geraniums, petunias, lantana in pots give color rotation. Hollyhocks add height to wall.
**GOOD SMALL GARDENS continued**

**Opposite**

Top: Lace vines, ivy climb a gray-toned cement and iron fence in Mr. Harold M. Schwartz's New York back yard. Brick plant beds hold rhododendrons, privet, small magnolia, edged by geraniums, begonias in pots. Built-in divan on brick base, outside picture window, has a terminal 'end table,' with bowl of fruit on ceramic tile surface. Charcoal gray iron dining chairs are set on floor of beige pebbles partly covered by woven African rug.

Bottom, left: Small walled garden in Boston, Mass., combines a flagstone floor with curved brick borders. Awning-shaded terrace leads to kitchen. At right, wrought-iron stair rail rises to dining room. Water lilies grow in pool below. In borders are tulips, narcissus, periwinkle, pachysandra. Permanent plantings include azaleas, firethorn, sweet mockorange, mountain laurel, hollies, flowering dogwood, a yew hedge. Planned for Dr. Henry A. Murray by Arthur A. Shurtleff and Sidney N. Shurtleff.

Bottom, right: Pale apricot-tinted brick wall, matching pebble floor form enclosure for plants and privacy in Mr. and Mrs. William Wassell's Bryn Mawr, Pa., garden. In white wrought-iron plant stand are African violets, yellow chrysanthemums. White iron basin on pedestal holds potting soil. In plan are climbing roses, privet, shrubs, a small fruit tree.

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**Brick beds divide yard for sunning, play**

Use of built-up and inset plant beds in rear of a Memphis, Tennessee, house created a garden, sitting area, play-yard for children in limited space. Brick wall hides other houses. Evergreens, azaleas take little care. Design of garden for Mr. and Mrs. Samuel Margolin by J. Duke Moody, L. A.

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**Garage wall mirror doubles garden view**

An ornamental mirror, to reflect flowers, replaced garage window in Memphis garden of Mr. and Mrs. Robertson Morrow.

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**Sliding window expands study into garden**

More living space was gained for Mr. and Mrs. Harwood Smith's 14-foot garden area in Dallas, Texas, by use of sliding picture window opening from brick-floored study. Terrace is paved with Mexican tile. An 8-foot brick wall ensures privacy. Small pool provides humidity for plants during hot summers.

*PHOTOS: KERTESZ, LEONARD, GRIGSBY, CUSHING*
In a city back yard, lace vines, ivy, hardy shrubs, potted plants, a pebbled floor create an outdoor terrace.

Sapling fence, walls give city garden privacy.

Low plants permit sun pocket in walled garden.
• Paved terrace, perennial border make upkeep easy
• Brick wall, flagstone steps enclose garden room

• Terrace borders of native plants need little care
• Winding pine-needle paths give small garden depth
Tile path links cutting beds to kitchen

Opposite

Top, left: Brick and flag terrace shows effective use of evergreens, flowering shrubs for enclosure. In garden beyond are azaleas, laurel, flowering trees for screening. Perennials provide long-season color. Designed for Mrs. Axel Jonsson, Haverford, Pa., by Frederick W. G. Peck, L. A.

Top, right: This terrace-garden near Saratoga, Cal., is virtually work-free. Plant bed of meadow fescue, dusty miller, lily-of-the-Nile, umbrella plants, foreground, needs no watering. In background, a Chinese elm, bamboo, existing apricot tree. Concrete is tinted brown to resist glare. For Mr. and Mrs. Patrick H. Peabody, from plan by Lawrence Halprin, L. A.

Lower left: Year-round greenery, flower colors from spring to fall, personify this easy-upkeep garden in Princeton, New Jersey. In border edged by flagstone walk are ageratum, veronica, white lantana, purple and white petunias, alyssum. Potted geraniums accent color by steps. Mr. and Mrs. Leonard Cushing planned their garden for easy work, abundant color.

Lower right: Seaside garden at Edgartown, Martha's Vineyard, Mass., was designed by owner, Mrs. Ezra Bowen, for full flowering during summer months. Pine-needle paths relate terrace, perennial borders, kitchen garden, with water views. Clumps of day lilies enliven garden statuary in nooks.

Photos: KENTZKE, LEONARD, BRAUN

Star-shaped beds enlarge garden space

Zinnias, iris clumps, marigolds for cutting, line mosaic tile path for easy upkeep in Mr. and Mrs. William Wassell's Bryn Mawr garden. Louvered door in brick wall leads to front lawn. Behind rustic fence at right are staked tomato plants.

Raised, star-shaped cement plant beds of lily-turf (Liriope) accent Mr. and Mrs. Francis L. Ahres's Sea Island, Georgia, garden. Similar groundcovers spread along curved brick path. Roots of evergreen Pittosporum, in tubs, go directly in soil.
A brick wall gives this city garden privacy

If you live in the heart of a city, privacy out-of-doors is something you create as deliberately as you decorate indoors. In Dallas, Mr. and Mrs. William J. Lewis solved this problem with a high pink brick wall. For the tranquility you never expect in a city, they created the flagstone niche above, mounted a Chinese bronze in a bowl of ferns, placed a pool below. Wisteria, red tulips add color. Lambert Landscape Co.

Pierced brick makes a ventilated garden screen

In his New York garden, Mr. Garrard Winston gains privacy, a vista and ventilation all from a pierced low brick wall. Raised beds of rhododendron, oleanders, azaleas, holly, ivy and wisteria are easy to care for. Louise Payson, L. A.

Evergreen hedges provide seclusion year-round

The evergreen ligustrum hedge in Mr. and Mrs. William S. Jannin's suburban New Orleans garden is every bit as effective in winter as in summer. Quick-growing Lombardy poplars, pear trees add height, camellias color.
To make the most of a garden requires the same kind of logic as making the most of a room. In Washington, D.C., Dr. and Mrs. Paul B. Magnuson achieved three separate outdoor living areas by terracing their small back-yard plot. At the left is a paved brick patio, an ideal place to sit any hour of the day, bordered by beds of primroses, daffodils, pansies and tree peonies. Beyond is a second terrace (above) circled by flowering shrubs.

- **Three separate terrace gardens enlarge living space in a small plot**

A rustic sapling fence (which you can buy in sections and put up yourself) forms a pretty backdrop for Dr. and Mrs. Magnuson's fountain and pool. A pair of pedestals is topped with classic urns and along the rim of the pool are potted geraniums. This third terrace has raised brick beds of spring bulbs and box, and background plantings of ivy, clematis and espaliered quince. Garden plan was by Rose Greeley, L.A.
Here is a practical guide to midget vegetables and fruits; aids to speed plant growth; easy power gardening; deep tillage for better soil; new roses, new annuals; new perennials of 1954.

Midget vegetables
for small gardens

BY F. C. COULTER

Everyone with a strip of tillable earth outside a dooryard has an urge to grow things. While agreeable exercise and pride of accomplishment go hand in hand with home vegetable gardening, not everyone has the area for a large vegetable plot. But many gardeners are discovering the value of growing smaller, midget-size vegetables of gourmet flavor. They can be stored easily, prepared quickly for indoor, terrace or barbecue meals, and are doubly welcome in living-dining kitchens where freezer and cupboard space is at a premium. Top favorite among home-grown vegetables is the tomato, including the little cherry, plum, and pear, all in either red or yellow. Smaller than the average-size tomatoes are those of the San Marzano type, somewhat rectangular rather than round, very solid, largely used for making paste or purée, and delicious in salads. A newly introduced tomato in this group is the small-fruited Red Top. For those who want full-sized tomatoes on small bushes that can be grown in limited space, another newcomer is Cavalier. Short-vened varieties for small vegetable plots are Meteor, Monarch, and Mustang.

Beans, whether green or wax, round or oval, rank next in home-garden popularity. For economy of space, string beans to grow on poles are recommended. Of these, the polebeans Blue Lake and Potomac give heavy yields of neat, straight, stringless pods. Baby bush limas have a quality flavor, and the edible, or garden, soybean bears a wealth of little pods, and offers something new in shelled beans for American kitchens.

Fresh salads from a summer garden can be created with the tiny Bibb lettuce, no larger than a moderate helping for one person, and often regarded as a salad in itself. Another small-headed lettuce with a superior (Continued on page 93)

Simple devices
for growing plants

BY P. J. MCKENNA

Indoor gardeners who try to crowd seedling flats and pots in a south window to catch capricious sunlight are often irked by lack of space and makeshift equipment. Containers dry out, surface watering is a constant need, mixing and screening soil to start seedlings and root cuttings becomes a chore. But to speed the growth of plants for a head-start on outdoor spring gardening, there are a number of new aids that simplify the process. It is not necessary to have a greenhouse, or an elaborate arrangement of coldframes and hot beds to grow plants successfully. Among these new devices are: a self-watering flat for seedlings; a growing container with artificial light that makes you independent of natural light for plant growth; a simple, portable, glass structure with which to cover seedlings transplanted directly from flats to your garden; and a portable, lean-to greenhouse which is easy to assemble. It is adapted to fit over a basement window, allowing the heat from your furnace room to supply needed temperatures for plants.

Indoor Equipment. The self-watering flat, made of light, watertight metal, is fitted with a perforated tray that is removable. Water poured in at either end circulates freely under the tray. It rises naturally to the surface of whatever growing medium you use. From 1 1/2 to 2 quarts of water are needed for the right amount of moisture. You can drain any excess water off through a screw plug at one end of the flat as soon as moisture shows on the surface.

When you sow seeds it is best to have the vermiculite moist. Do not cover fine seeds such as those of begonia, (Continued on page 91)
Small fruits
for small gardens

BY ERNEST G. CHRIST

The fruits that you can grow successfully in limited space include all of the small fruits or berries, dwarf fruit trees, and espaliered fruits. One of the great advantages of dwarf fruit trees for small sites is that they grow about one third to half the height of standard trees and mature faster. You can set them more closely together, prune them easily from the ground, and pick fruit without the labor of hauling ladders around. Another space saver for gardeners who want fresh strawberries from spring to autumn is a pyramid garden. These are made of a graduated series of 5"-tall aluminum circles and are easy to build. Filled with good soil from the bottom ring to the top, and well watered, a four-tier bed will accommodate 74 strawberry plants. In tiny areas, such as by a kitchen doorstep, you can set plants in a strawberry barrel. Holes 3"-4" in diameter are bored in the barrel, 12" apart from center to center, with supporting boards run through the center of the barrel to hold soil for plants. Five or six holes in the bottom of the barrel will allow drainage, and the strawberry barrel, clustered with red berries, makes a pleasant addition to a brick terrace. A full-sized barrel will hold 15 plants on the sides, 3 on the top. Terra cotta jars, pierced to form plant pockets, are useful, and even smaller.

STRAWBERRY VARIETIES. Be sure your plants are healthy and vigorous, and establish them in fertile, well-drained soil before hot weather begins. Some good strawberries for June fruiting are Sparkle, Redcrop, Empire, Fairfax, Temple and Catskill. Four everbearing varieties for your garden are Superfection, Gem, Red Rich and Brilliant.

For bed planting, the June fruiting varieties do well in a matted row system. Set your plants 24" to 30" apart, in rows (Continued on page 92)

Power tillage
improves your soil

BY LOUIS BROMFIELD

It has been said by leading agricultural and horticultural authorities that we have learned more about soil during the past generation than in the whole history of the world up to now. Not only do I believe that this is true, I also believe that we still know only a small fraction of what there is to know. Such a statement does not imply that there have not been in the past excellent farmers and gardeners since the time of Adam and Eve. What it means is that we know today the why and wherefore of many practices which in the past produced excellent results in the production of flowers, vegetables and fruits. With this knowledge we are equipped to go on to further discoveries and to build quickly new soils which are actually better than nearly any virgin soil.

There is a common error of thought that all virgin soils are necessarily good, well-balanced and rich. No belief could be less sound. Nature laid down her soils in a haphazard way and they range all the way from the rich black soils of the Black Belts of the Ukraine, Alabama, Mississippi and Eastern Texas to soils so poor and unbalanced that the cost of correcting them and making them productive is economically out of the question. Indeed most virgin soils are unbalanced in mineral content and many of them in organic content. On the whole nature did a poor job.

You have also doubtless heard that it takes nature ten thousand years to build an inch of topsoil. Broadly speaking, this is true, but one should add that man can build five inches or more of topsoil almost ten thousand times as rapidly as nature and he now possesses the knowledge (based, of course, upon the laws and scientific understanding of nature) which permits him to build balanced soils far better than the natural soils already in existence.

Man has the necessary knowledge of how things work in the building of soils: the balances and values of the fundamental calcium, potash, phosphorus, nitrogen and perhaps magnesium; the balances and needs for the so-called minor elements such as boron, cobalt, copper, etc.; the need for abundant decaying organic material, etc. He also today possesses power equipment (Continued on page 95)
Power tools are inheriting the earth

These eight mechanical gardeners go to work when you flip a switch

Today's self-powered garden tools make the legendary accomplishments of Paul Bunyan and Babe the Blue Ox look pale by comparison. All over the country, from Westchester gardens to California terraces, you hear the excited putt-putt of machines that are doing in one operation what it would take a giant to do in several different steps.

Power lawn mowers which you have only to take by the hand and guide (in some cases, ride) shear the grass in wide swaths free of streaks. Rotary-type mowers with blades extending beyond the wheels enable you to cut within a hair's-breadth of house and flower beds. Nor do you have to stretch or stoop to conquer rough edges of lawns and hedges any longer, thanks to electric trimmers.

For more elaborate work, there are small garden tractors with as many attachments as a vacuum cleaner. With different parts hitched on, they can take on the jobs of mowing, grading, seeding, cultivating, harrowing, and even spraying crops. Since nature is a notoriously poor housekeeper, it is often necessary to clear your land for gardening, in which case the tractor can be transformed into a sickle mower to sweep away tall grass and weeds or into a circular or chain saw to notch, buck, and fell trees and cut lengths of timber. The tractor can also be harnessed to a roller, a hay rake, a cart to haul away rocks or material for compost, or a sulky which you can ride to save energy. During the winter months, it can be turned into a snow plow. In addition to outsize shovel-like attachments, there are snow blowers which cut through crust, pick up the snow and shoot it out to right or left, even over drifts.

New flexible gardening equipment in our day is as revolutionary as Eli Whitney's cotton gin was in the 18th century. It saves many man hours. Instead of turning over the soil with a spade or moldboard plow, then chopping up the surface by hand disking and harrowing, you can operate rotary plows and tillers which penetrate deep into the soil and vegetation and chew it up so that it will de-
Chain saws, adjustable to any angle, notch and fell trees, clear the land of saplings; cut ties, fence posts and firewood.

Electric shears do a fast, clean job of trimming and shaping hedges, ornamental trees and shrubs. You can use them, too, for cutting weeds, grass around stones.

Rotary power mowers, with mulcher, spread finely chopped grass, fallen leaves over lawn; no raking is needed.

People who are moving into the suburbs or the country are as proud of the new power behind their land as they are of their automobiles and their television, their automatic dishwashers and their food freezers. The new tools are making it possible to put the soil to use at a time when labor for gardens is expensive and scarce. (Even the neighbor's son who once yearned to earn 25¢ cutting your lawn now has an exaggerated opinion of his talent, today worth $1.50 an hour.) So the garden tools equipped with a gasoline engine are actually an economy, and we can look forward to the day when there will be not only a 'chicken in every pot' but a power tool in every gardening shed.
1954 parade of
new annuals and perennials

BY ANN ROE ROBBINS

The excitement which seizes every gardener who opens a new seed catalogue in January, 1954, is no happenstance. If you have a square yard of tillable soil in any part of the country, the All America awards and new introductions of flowers and fruits have a special significance for you. The pace-makers this year are sturdier, stronger and truer in color strain. They may divide your attention between a fiery red-orange zinnia, Blaze, which has swept the field as the only All America annual flower winner, and a hardy new pie cherry named Meteor. If you want an early-flowering peach tree with large fruit and luxurious foliage, 1954’s new peach Springtime may be your choice among the new novelties. For gardeners everywhere, there is a new petunia of extra vigor, notable for white flowers, a yellow throat, and amusing, brownish-purple veins. This engaging newcomer has been aptly named Funny Face. Among other ranking novelties that are here to stay are two new marigolds for use in borders, as massed plantings, in pots, or as centerpieces. They make their bow this year as marigold Man in the Moon, a pale, moon-yellow shade, and the lightest of them all; and marigold Indian Chief, a vivid reddish orange tone, with long stems, and plants that hold up well under heavy rains. Other new annuals are: aster Powderpuffs; cynoglossum White Cloud; heliotropes First Snow, Blue Bonnet; five varieties of the tall giant larkspur Steeplechase strain; marigolds Smiles, Lemon Drop, Brownie, Giant Spry; morning-glories Hearts and Honey, Candy Pink, Blue Mound; pansies Read’s large-flowered, Giant Swiss Felix; petunias F₁ hybrids Summer Snow, Black Knight; grandifloras Popcorn and Crusader; stocks Giant Imperial Trisomic; sweet peas Floribranda Cuthbertsons, 5 varieties; Giant Heat Resistant, 6 varieties; verbena Crystal.

Perennials cover a wide field.

Here are (Cont’d on page 94)

Introducing the
new roses of 1954

BY DR. WALTER E. LAMMERTS

Fireside gardeners who await the advent of a new rose will welcome this year’s outstanding newcomers among the All America Rose Selections for 1954. But the vivid descriptions and enticing colors you browse over in the new catalogues may leave you feeling a bit confused as to just which new roses will perform most satisfactorily in your garden. Before making your selections you should remember the great climatic variability of these United States. Check your rose selections for winter hardiness, or ability to withstand humid, inland areas, depending upon where you live.

The only hybrid tea rose award among All America Selections for 1954 is Mojave, named for the brilliant sunset colors of the California desert. The urn-shaped Indian-orange to nasturtium-red bud opens to a well-formed flower of 20-25 petals. Long straight stems, hardy vigor, glossy foliage make it ideal for cutting. Pennsylvanian is a high-centered rose of apricot-orange, with 25-30 petals. It blooms prodigally in spring and autumn, and the color deepens as the weather cools. Centennial is an unusually pleasing coral pink and gold blend, with growing habits adaptable to any region. The most vivid multi-colored rose of the year is Miami, a blend of gold, orange and flamingo. The blooms are beautifully formed and they flower freely on good plants. Mardi Gras, a festive red rose with long, sturdy cutting stems, retains its vitality even in hot climates. The hybrid tea Tudor has earned its sobriquet of ‘the heraldic rose of history.’ Its large-petaled flowers are a penetrating flame red. President Eisenhower has all the most sought-after qualities of the garden rose: pure rose-red color, fragrance, constant bloom and a profusion of petals. Pageant’s excellent qualities include a full-bodied fragrance, neat growing habits, large flowers. The color is two-toned, with vermillion red above, (Cont’d on page 93)
1954 PACEMAKERS: NEW ROSES, NEW FRUITS, NEW ANNUALS
FALL: Bright colors give variety to a rock garden and perennial border

SUMMER: Mixed perennials edge lawn by stone wall, clamber over rock outcroppings

SPRING: Giant pansies, ivy accent driveway wall; crabapple flowers by far end of pond

EARLY SUMMER: Delicate blooms, fresh greens color the rocks

SPRING: Azaleas, evergreens border path leading to rose garden
This garden solved the problem of growing plants for easy upkeep on a rolling rocky terrain.

If you take a dim view of a new site bulging with a rock outcropping, stubborn boulders and a tangle of underbrush, look at the garden on these pages to see what can be done. Mr. and Mrs. John D. Weiler acquired their Ossining, New York site nine years ago. Originally, the knoll on which the house rises was a barren, rocky terrain. Clumps of boulders jutted over the landscape. A small pond lay in an overgrown, swampy hollow. But a Briarcliff nurseryman, Percy Knight, Jr., saw in this unpromising situation a potential out of which to begin the lovely garden whose spring, summer and fall colors you see on the opposite page.

Topsoil was trucked in and redistributed among rocks and beds to set plants that require only moderate upkeep. Gardens were established in open, sunny areas, in soil pockets and crevices of stone. Brush was cleared; lawns seeded to contain the pond in a smooth green saucer. Mixed perennials were planted along the driveway and boundary walls for a progression of color. Flagstone paths were opened between rock gardens, one of which leads to a small rose garden of hybrid teas, Paul's Scarlet climber, and a planting of begonias.

Mrs. Weiler, working with gardener Anthony Carrozza (who built the walls and steps out of existing stones) has (Cont'd on page 91)
The idea of island living has captured the imagination of romantics since time began. Children conjure up their own islands to play on; grown-ups contemplate real islands to escape from it all. Majorca and Malta, Capri and Corsica, Bali and Tahiti, these are magic sea-linked names that dreams are fed on. Eleuthera, a name that sounds like a whisper of the sea, is a wisp of an island that in reality fulfills all of the promises. Ponce de Leon passed it by in search of the Fountain of Youth, but those who have discovered it since might take issue with him. Shaped like a beckoning finger 52 miles east of Nassau, capital of the Bahamas, Eleuthera lures you to 90 miles of pink, powdery sands and surf. Its pastel-colored houses pose beyond dazzling blue water. Vivid greenery, flowers, and coconut palms flourish where bush once rode rampant. Life on this island concentrates on the out-of-doors. Here you can enjoy swimming, reef and deep-sea fishing, and lazing in the sun free from the distractions of city lights. In Eleuthera, there is perpetual summer, the temperature drifting between 70 and 85 degrees freshed by breezes.

Half an hour by Bahamas Airways hydroplane from Nassau, Eleuthera has four landing ports. (You can reach Nassau in 4½ hours from New York, 1 hour from Miami by plane, see page 96.) Governor's Harbour is the capital of the island and the center of activity. From the new Clearside Inn you can see across the harbor to the arch of Cupid's Cay. On the beach is French Leave, a picturesque inn with cottages in a palm grove, and a quarter of a mile from the beach, the Buccaneer Club, popular with yachtsmen. Up a hill behind pink, yellow, and blue houses (some of which you can rent by the season) is the Belmont Guest House. The clubs and guest houses have their own boats to carry guests to and from Nassau.

At Rock Sound there is a handsome club with well-appointed cottages, its own swimming pool for fresh-water bathing, two private beaches, tennis courts and shuffleboard. The development is complete to an 18-hole golf course and yacht basin.

Another place you can land by hydroplane is Harbour Island, off the northern tip of Eleuthera. Pink Sands Lodge and the Pecaroon Club accommodate visitors. In addition to a string of beach cottages, Pink Sands has a native calypso band, the Percentie Brothers, whose inventiveness has prompted visitors to record their chants. The fourth landing port is Spanish Wells, the commercial fishing center of Eleuthera which supplies the markets of Nassau but has no facilities for guests.

Good modern highways which are shared by automobiles and bicycles join Rock Sound to the dairy farms of Hatchet Bay. An agricultural community, Hatchet Bay not only provides milk, eggs, butter, chicken and meat to Eleutherans, but also sends its dairy products by milk boat to Nassau.

Along this sheltered west coast you can pick your own little harbor and build a house of your own. The first people who couldn't bear to leave the island once they set foot on its coral-pink sands were the Eleuthera Adventurers, a group of British colonizers dedicated to settling the Bahamas in 1648. Here they formed the first republic in the New World, giving it their name, which meant freedom, and a constitution that remained law until 1670. Trading timber for Colonial products, they forged the first link with America. Today, American visitors are forming new, lasting attachments to the magic island of Eleuthera.
ANDROS, where fresh water meets the sea, is a sportsman's Eden

Andros, largest of the Bahama Islands and nearest of all to the glittering hub, Nassau, has a tradition and individuality all its own. Pink coral formations (second only to Australia's Great Barrier Reef) shelter this small paradise of flamingos and blue teal, white beaches and grassy creeks, buried treasure and barracuda, that is a sportsman's Eldorado.

Although Andros is only minutes by hydroplane from Nassau, it is not surprising that it is so little known. Traditionally, it has been a retreat, isolated and inaccessible, since the days when it was the headquarters of Caribbean buccaneers. Names like Blackbeard and Morgan, written into this predatory chapter of the island's story, still echo today when chance discoveries of long-buried treasure expose golden doubloons in a rusted, iron-bound sea chest.

Refugee Seminoles, fleeing Spanish domination and slavery, and Scotch merchants from Florida formed the early settlements in 1790. Seminole superstition gave rise to a unique folklore unlike any other in the Bahamas. The Chickcharneys and the Lusca, the Bosee-Amasee and the Yahoo are island spirits with potent powers for good or evil. Today's fisherman, disappointed in his luck, can always blame it on the Bosee-Amasee, a malicious merman who takes fish from hooks, cuts lines, fouls tackle, and has even been known to tip a boat over if it suits him.

Fresh Creek, a resort on the west coast of Andros where fresh water meets the sea, is fast becoming a sportsman's paradise. A passage blasted through the coral barrier opened a channel that can accommodate vessels drawing up to sixteen feet of water. Now the 400-foot concrete dock of the Andros Yacht Club is host to members of yacht clubs throughout the world. Plane port facilities near the yacht basin accommodate twice-daily flights of the Bahamas Airways.

Fresh Creek life revolves around the Lighthouse Club, to which all Andros residents belong. It has a private beach, a pool and cabanas, and the relaxed air of being open to the prevailing winds. A lanai outside the game room and bar, terraces for each of the guest suites, are a boon to those who like to combine indoor and outdoor living.

The club's emblem acknowledges that Columbus discovered the Bahamas. (Cont'd on page 102)
Mayan ombre-dyed linen is a shimmering lemon color.

Chess' interweaves indigo and Rio blues with black.

'Bolero' is lemon and lime with metallic sparkle.

'Sugar Cane' blends indigo, Yucatan, lemon.

'Bolero' is lemon and lime with metallic sparkle.

'Tamisco,' a woolly texture, has chartreuse Lurex highlights.

'Condado' is a nubby weave in indigo and Rio blues.

'Tweed' mixes Yucatan and olive greens.

'Tiko,' an indigo weave, has the good strong look of good blue serge.

'Merivan' is a glittering yellow rib texture.

'Calypso' linen alternates blue and green stripes, primitive motifs.

'Condado' is equally effective in lemon and Yucatan green.

'Tweed' reappears, this time in lime.

'Tamisco Stripe' combines ribbons of indigo blue and Yucatan green with bright green Lurex.

'Linen Tweed' is a smooth blend of the two blues.

'Tequila' toasts the name of plaid in gay Caribbean colors.

'Condado' woven with white.

...
Fabrics in Caribbean colors, designed by Boris Kroll, give a feeling of spaciousness to a small apartment.
This one-room attic apartment has furniture small enough in scale to serve the needs of two people. Bright paint makes a decorative asset of double-decker bed.

This bedroom is feminine and neat with wrought-iron headboard, chintz spread, trim night table-commode.

Counter which serves as snack bar separates cooking area from living area. High-legged chairs take up little space.

Study-guestroom has studio bed with upholstered back, wicker chairs and latticed wallpaper for look of space.
Here's how living in small space can be pretty, uncramped, and workable.

Two bench beds, lacquered black with sea-blue covers, are as good for day as for night use.

Today's young homemaker asks three questions of the furniture she buys: 'How does it look?' 'What does it do?' 'How will it fit?' That's why Altman's designed the seven rooms shown here with a working sense of what goes on today in small houses and city apartments. The furniture in these rooms is as chameleon in character as our reversible rooms. An upholstered backrest gives a studio bed a decided living-room look for, chances are, that's where it will be used. A desk and chest of identical height with black glass tops turn into night tables. A counter serves as a work surface and as assembly point for dishes, drinks, meals. Wisely, none of the furniture is tagged for a specific location. Witness the space-saving double-decker bed opposite which makes a point (it is lacquered bright red) of being on constant display in a one-room apartment. While most of the pieces are small-scaled, there isn't the slightest hint of a squeeze. In adapting to compact places, these scaled-down pieces keep the comfort of larger furniture. Take the one-room attic apartment opposite. It has two beds plus a sofa and armchair. It has twin chests and lamp tables with storage. It has a drop-leaf dining table and light Hitchcock chairs that move about easily to join any conversation group. You could adapt any of these ideas to your own rooms. At the top of this page is a solution to the bed-living room; two foam-rubber bench beds are set L-fashion as sofas; between them is a cocktail-lamp-night table. To the right of it is a revival of the Early American settle, here used as a dining seat for two people but equally handy as a bench. At the immediate right is another ingenious dining device: a flip-top table that folds down to cocktail size and two ottomans that can be tucked under it. Shopping information, page 28.
How to decorate with **Mirrors**

Like the looking glass that changed the world of Alice into a wonderland, mirrors can transform a small room and add a touch of fantasy to your life. They have the power to glorify anything from a bandbox hall to a garden room, a bay window to a fireplace. The French had a way with them. In Versailles, the *Galerie des Glaces* did for the palace of Louis XIV what fountains and basins of water did for the magnificent gardens. And when Louis XV succeeded to the throne on a wave of lightheartedness, mirrors were used everywhere to catch the dancing reflections of an elegant, brocaded society. The late Lady Mendll (Elsie de Wolfe) showed us how to take a lesson from the mirrored halls of Versailles. In her Paris apartment and in her Beverly Hills house, mirrors pointed up crystal and painted glass, *boiseries* and white flowers. Here we show you bright ideas for using mirrors to create a variety of impressions and an illusion of spaciousness.

In a hall, a framed mirror is hung on a mirrored wall for a light touch.

On the wall of a lanai, mirrors in panels reflect a garden, hold a mirror up to nature.
Mirror in window bay masks poor view, reflects plants

In a dark hall, mirrors brighten wall, light fixtures

Mirrored niche with glass shelves serves as a bar

In a bedroom out of the Arabian Nights, mattress rests on mirrored base which reflects carpet

In a living room, bricks of beveled mirrors face a fireplace

In a dressing room, mirrors turn a corner into useful storage space.

DESIGNER: EDMUND MOTYKA
DRAWINGS BY JEREMIAH GOODMAN
A cocktail buffet is the key to effortless entertaining
Here are 16 recipes for irresistible little breads that are easy and quick to make

Homemade miracles

by Marian Maeve O'Brien

On my table today, brimming with pink tulips and heavenly blue Mertensia virginica, is a long, low, old wooden bowl that brings to mind some of my dearest culinary memories. When I was a child it used to hang in the summer kitchen of my grandmother's house. Grandmère often told me it was carried in from the East by her grandmother. It is barely eighteen inches or so long and a foot wide, with a deep notch at the side where the dough spoon rested, and a worn place at the end where generations of patient fingers have held it steady while the batter was beaten. Grandmère had little use for it; she liked to cook in great majestic gestures, and anything that held less than dough for half a dozen loaves was beneath her notice. It was only when a letter arrived late, as it often did in those days, announcing the arrival of an important guest with no forewarning at all, that she took it down.

'We'll have to have a little bread for Madame Melba,' she would say. 'There is not time for anything really important.'

She meant little in size, you understand, not in deliciousness. Something easy and quick. Something risen, of course, since a baking-powder bread might imply that she hadn't been willing to go to the trouble of something better.

Today, I use that bowl constantly. You and I have neither the time nor the inclination to work with the quantities that Grandmère used and even if we had, there would be no necessity for it. There's a great stimulation, though, in getting to work on a small batch of dough that doesn't take the arm of a Spartan to beat it. The resultant bread or cake is light and delicate and the challenge to our creativeness is wonderful.

The little breads take no more than an hour or so of actual working time; batters may be set to rise while you go about your other kitchen affairs, and are obligingly ready for you when you are ready for them. They are so light that they may be mixed in your electric beater or, if you're in the notion, in a wooden bowl with a wide wooden spoon, so that you can grip the bowl gaily and beat away all of your neuroses. Recipes on page 100.

For your next cocktail party, set your table à la buffet. Gist of the idea: everything is set up on a console table; everyone serves himself. Here there are hot hors d'oeuvres and spreads in a three-compartment warmer, and platters of mixed breads. Butter knives are Gorham's 'Old French' pattern in sterling silver; plates are 'Conversation' pattern by Flintridge; glasses are by Heisey. Shopping information, page 28.
New products help you build a better small house

Houses, like humans, should have a personality all their own. Whereas this may have been difficult some years ago, due to a limited selection of materials, today's small-home owner has a wide choice of building materials that will enhance the beauty of his home, give years of service and often perform double-duty services. Some of the new plastics, for example, are no longer confined to the kitchen. Flooring material, plastic coatings and wall coverings are but a few of the interior applications—and this versatile material is equally at home on the exterior of your home. Acoustical tiles need no longer spell 'office ceiling.' There are a dozen home uses, and the modern builder can create a number of decorative effects to suit his own personal requirements. Pre-cut or prefabricated building products, too, not only cut the cost of construction but save many hours of labor. New, lightweight materials allow for simplified construction and many of these can be easily weather-proofed and used for exterior as well as interior finishes. New textures and new colors will add distinction to the small house, give it individuality. Let's investigate some of the new products shown on this page, study their qualities and do away with the peas-in-a-pod house look.

Warm-air heating system, completely packaged, for new and old houses, directs warm air over exterior walls. Slab floor is warmed by ducts creating radiant heat.

A heat-resistant glass absorbs sun's heat and lowers room temperature 10-20 degrees. Greenish tint lessens glare. Fading and bleaching of fabrics is diminished.

Sprayed-on plastic coatings for masonry surfaces come in many attractive colors and are both weather and moisture resistant.

A baseboard convector for hot-water heating systems distributes heat evenly along walls, under windows in new, old house.

Ceiling dome of clear plastic lights and ventilates inside areas, eliminates need for expensive, artificial, daytime lighting.

Plastic ceiling covering fluorescent lights diffuses illumination over large area. Easily removed for cleaning tubes.
Perforated hardboard panels with movable hangers hold many kitchen, garage, and home workshop utensils.

Plastic panels afford an infinite variety of fiber, fabric, and botanical patterns for architectural decoration.

Wallboard panels and planks with wood-like finishes are inexpensive, attractive, and easy to maintain.

Shellstone, a coral-like material of natural beauty provides a background of warm texture for interiors.

Acoustical ceiling tiles of minerals or glass or wood fibers are made in many designs and perforations.

Sheets of plastic, both structural and decorative, are translucent, shatterproof, and light in weight.

Slumped brick has a portland cement base and is made in many colors, sizes for varied wall patterns.

Asbestos-cement exterior siding in sheets is available in seven colors. Gives weather and fire protection.

Parquet blocks offer a limitless variety of floor patterns, as shown here with white contrasting divider strips.

Quarry tiles made in new light tones need little care. They transmit heat well in a radiant-heated floor slab.

Resilient flooring can be had in strips or tiles, is easy to maintain and has a variety of new patterns.

Wall tiles of aluminum, plastic and steel are economical and durable. Can be put in by homeowner.

New clay brick creates whole wall in one-story residence. Jamb slot fits stock windows and doors.

Storm and screen windows come packaged, ready to assemble; need no paint, won't rust.

Perlite concrete weighs one-third as much as ordinary concrete. It insulates and is fire resistant. Saws and nails like wood.

Window and louver units in stock dimensions can be combined in different ways for a variety of designs.
Houses deteriorate from the moment the owner moves in. The realistic homeowner understands this and is on constant watch for those little danger signals that may mean serious trouble ahead. Because 'the stitch in time' maxim is especially applicable to the care and maintenance of the home, every homeowner should, at the very start, own a basic hand-tool kit. This does not mean overshooting the budget and buying every tool in the shop. It is far better at the start to buy a few good tools. They will last a lifetime, if properly cared for, and will do the minor repair jobs that lie within the abilities of the amateur craftsman. House & Garden has selected just such a kit. Most of the tools will be recognizable at a glance; others may be strangers you should get to know. Each has its particular function. Find out about it, learn how to handle it and, above all, take good care of it. It will pay you back not only in years of service but in dollars saved on repairs.

For the basic hand-tool kit turn to page 98
agratrum, salpiglossis, snapdragon and larkspur. Merely sow the seed and press lightly into the vermiculite with a smooth piece of board. Large seeds, such as fujine, sabiosia, cosmos, calenda, and the ornamental grasses, should be covered lightly. To start cuttings in vermiculite, insert but do not firm them. Geraniums, begonia, lan- tana, ageratum, fuchsia and chrysanthemums will take root quickly.

With your seedlings sprouted, and cuttings rooted, apply a fertilizer of 5% nitrogen, 10% phosphoric acid, 5% potas- sium. Use one tablespoonful to the gallon, and apply weekly. When seedlings have developed true leaves, transplant them into pots, flats, or a cold- frame. Cuttings can be transplanted when their roots are 1/4 to 1/2" long.

To grow plants indoors, and indepen- dently of natural light, a device equipped with fluorescent lights can be operated in a basement or heated garage. The growing area measures 17" by 60". It is mounted on uprights, and can be moved at will. The equipment is self-irrigating. Lights are attached to the glass top, which can be lowered through the glass, and protected from first frost. This equipment dismantles and can be stored over winter.

A miniature, lean-to greenhouse which is shipped in sections is easy to assemble. It adapts to fitting over base- ment windows, with furnace heat to promote plant growth in cold weather. A small electric heater answers the same purpose. There is growing space in the lean-to for certain pot plants and hothouse blooms.

Plants can also be started earlier with an electric soil-heating cable. This comes in units to fit 3' by 6' glass cold- frame sash. The cable is generally cov- ered with 5" to 6" of soil. The heat it generates is usually sufficient to sprout seed and root cuttings. To make it self-regulating, you can install a ther- mostat to control the heat. If you start young plants very early in the season, the glass sash should be covered with that, the evening to conserve warmth. All of the heat from the cable is re- tained in the soil, leaving the air cold within the frame. Equalization of tem- perature is possible by keeping part of the cable exposed in the cold frame, or an additional cable unit around the interior of the frame will keep the air hot. Write to House & Garden for sources of new devices for growing plants.

ROCKY TERRACE PLANTS

kept the original design, but changed driveways at the north are granite yellow lock. Along the wall bordering the cherry, apple, shade maple, crabapple, shadbush, haw and dogwood leaves, dogwood berries, as well as some shrubs, red, blue and white, all of which grow well in this garden area.

Another bright introduction to American gardening under glass is the ingenuity of European horticulturists. It has been used for many years in Holland and England as a mild form of forcing. The cloche resembles a small, pitched glass roof set in frames, with a heavy wire ring attached to each frame, and can be used to straddle rows of young plants, allow- ing a much earlier starting of potential crops. They can also be used as an in- termediary between the house and the garden, for you can transplant seed-lings directly from flats and cover them with the cloches. Once the row of seeds has taken hold, remove the cloches to another row. Another cloche virtue is that it may be used as a greenhouse. As long as vegetables are being grown in cold frame, or raised. When closed the lights are at just the right distance from plants to stimulate growth.

Outdoor equipment

Improved outdoor equipment for early starting of plants paralled that for in- door gardening. The newest type of coldframe is made of aluminium. It is light in weight, and its metal construc- tion is impervious to the rots that at- tack lumber in contact with the soil. There are automatic devices to control ventilation, which is the most time-con- suming and exacting phase of cold- frame gardening. Since the glass sash is attached to the aluminium frame, and anchored against the wind, there is no chance that it will blow over when opened for ventilation.

Another bright introduction to American gardening under glass is the ingenuity of European horticulturists. It has been used for many years in Holland and England as a mild form of forcing. The cloche resembles a small, pitched glass roof set in frames, with a heavy wire ring attached to each frame, and can be used to straddle rows of young plants, allowing a much earlier starting of potential crops. They can also be used as an inter- mediary between the house and the garden, for you can transplant seed-lings directly from flats and cover them with the cloches. Once the row of seeds has taken hold, remove the cloches to another row. Another cloche virtue is that it may be used as a greenhouse. As long as vegetables are being grown in cold frame, or raised. When closed the lights are at just the right distance from plants to stimulate growth.

OUTDOOR EQUIPMENT

A miniature, lean-to greenhouse which is shipped in sections is easy to assemble. It adapts to fitting over base- ment windows, with furnace heat to promote plant growth in cold weather. A small electric heater answers the same purpose. There is growing space in the lean-to for certain pot plants and hothouse blooms.

Plants can also be started earlier with an electric soil-heating cable. This comes in units to fit 3' by 6' glass cold- frame sash. The cable is generally cov- ered with 5" to 6" of soil. The heat it generates is usually sufficient to sprout seed and root cuttings. To make it self-regulating, you can install a ther- mostat to control the heat. If you start young plants very early in the season, the glass sash should be covered with that, the evening to conserve warmth. All of the heat from the cable is re- tained in the soil, leaving the air cold within the frame. Equalization of tem- temperature is possible by keeping part of the cable exposed in the cold frame, or an additional cable unit around the interior of the frame will keep the air hot. Write to House & Garden for sources of new devices for growing plants.

New MAGNOLIA, Dr. Merrill

After years of tireless research, Dr. Merrill of Arnold Arboretum in Boston has suc- ceeded in developing a gorgeous, star-like Magnolia that grows rapidly and transplants without any difficulty. Early in spring, this lovely, flowering tree is a vision of sheer beauty. Branches are literally buried under drifts of radiant, white, star-like blossoms. Before flowering, luxuriant foliage makes this a perfect lawn specimen.

New LARGE FLOWEROED CHRYSANTHEMUMS

Exciting new "Mums" that produce enormous flowers, resembling the ones formerly grown only in greenhouses by professional florists. Lovely new varieties are absolutely hardy and very easy to grow in any garden. Among the many tested, Wayside has selected 10 of the finest in shades of yellow, bronze, dark purple, pink, rose and ruby red.

DWARF BARBERRY

Crimson Pygmy

HIBISCUS

Large Floweroed Chrysanthemums

For dramatic color, plant some of these spectacular new Giant Hibiscus that bloom abundantly all summer. Flowers of exotic beauty measure 10 to 12 inches in diam­ eter and are 50% larger than older varie­ ties. Vivid, bold colors range from white, pink, scarlet to dark, crimson-red.

New FORSYTHIA, Lynwood Gold

Glorious new gold Forsythia will soon re­ place all other deep yellows. Flowers of unusual substance are twice as large and have 6 petals. compact and glossy green leaves, add charm for years.

SEND FOR THE WORLD'S FINEST "HORTICULTURE FOR CATALOG"

The worthwhile new things shown above are but a mere handful of the magnificent new introductions you will see in Wayside's new Spring Catalog. Almost 200 pages, filled with hundreds of glorious natural color illustrations that cannot be reproduced here. These are "Pedigreed" root-strength plants. Many of the exciting new items are obtainable only from Wayside. Explicit cultural directions for every item and hint for better gardens. To get your copy, please enclose with your request 50c, coin or stamps, for postage and handling.
Luxurious Merion Blue Grass Lawn
Most Economical You Can Grow

Wherever blue grass grows, new Merion Blue Grass is acclaimed the finest lawn grass yet discovered, beautiful, hardy, and the most economical in the run.

Discovered by Supt. Joseph Valerian growing on the 11th tee of the Merion Golf Club, Ardmore, Pa., it was developed by the U. S. Golf Association Grounds Section, with co-operating experiment stations in some 20 states. Those who have grown it re-cite with enthusiasm these points of superiority: Spreads faster than Kentucky Blue Grass. Once established, needs no reseeding. Once established, needs no irrigation on the 17th tee of the Merion produces a luxury lawn, yet it to spread rapidly. Stands closer to mowing, makes better turf both in quality and appearance. Resists weeds better, eliminating 30 to 100% of crabgrass. Resists disease, especially leaf spot. Stands heat and drought, has darker green color and needs less water because of deeper root system.

Its roots go deep into the soil, and vigorous rhizomes spread underground to start new plants, making a thick turf like the cushion of a long-pile carpet. You can have a Merion lawn with little or no care, saving time, labor, and annual savings for years because of reduced upkeep. We offer seed grown from original stock, either straight or in formula mixtures.

NEW FASHION IN MARIGOLDS

Marigold Portionals. Hybrid. Whether in the garden or the flower box, the orange, red, or yellow marigolds make a display of color that is hard to top. These marigolds are much shorter and have a more compact habit.

SMALL FRUITS

that are 4" to 4½" apart. Remove all blossoms the first season and space the runners (or trailing stems), around the main plant until you obtain a full row.

Everbearing strawberries do best in a hill system, using a 4-row bed. Space your plants 12" apart. Leave a 2' pathway between beds. After plants are established, and hood once or twice, you can cut them down to a 4" stub, keep to down to own roots and retain moisture. Remove all blossoms until early July. Those coming after July produce the late August and September fruits. Remove all runners when they appear.

Brambles

Raspberries and blackberries are the two best bramble fruits for small gardens. You can grow red raspberries more easily than the purple or black varieties, and the hedgerow method, which has been growing in vogue for many years, has been shown to be the best way to grow raspberries.

Your best red raspberry variety is September, an everbearing type that produces a good crop in spring, and a good crop in August and September. Taylor is another fine, spring-bearing, red raspberry of good size and flavor. Latham is perhaps the hardest. Bristol, Cumberland, Logan and Dun- dee are good black raspberry varieties. Among the purple, Sedn and Marion are recommended. Recent blackberry varieties include Hedrick, Bailey, and Jerseyblack. The latter is a semi-trailing type, requiring a trellis for support.

To grow raspberries, set plants 30" apart in rows 6 or 8 feet apart. Brambles require annual pruning, fertilizing, and a small amount of insect and virus control. Since many amateur gardeners prune not wisely but too much, here is an easy guide to pruning: new canes grow either as suckers plants from the roots (in the case of red raspberries) or from root tips (as with blackberry, purple, and red raspberries). They grow for one year, produce fruit the next and die soon after fruiting. It is important to prune out these dead canes at ground level immediately after fruiting. With blackberry, purple and black raspberries, cut back new canes early in the growing season to force lateral roots. Late spring or summer pruning is not necessary for red raspberries. Their new canes need only spring pruning when dormant. Cut them back to about 3' in height. The red raspberry, bearing red raspberries, requires pruning identical to the spring-fruiting varieties.

Currants and gooseberries

One or two of the plants will supply all you need. If your garden is already crowded, currant and gooseberry plants can be grown as an ornamental accent by spacing them 8 to 10 feet apart. Lake and Perfection are two good currant varieties. Poorman is the best of the red gooseberries. Chautauqua and Downing produce green fruits. Grapes

Grapes grow well on a wide range of soils and tolerate dry spells better than most fruits. They offer a great variety of fruit flavors. The vines take up little space, and can be grown as a screen or shade covering. Several types of grapes are available that are hybrids of the American and European grapes, and resemble the so-called 'dessert' quality of the European varieties. A few are seedless. The following are well worth trying: Romulous—a very early seedless, less American and European hybrid of excellent quality and good yield; Schuy- ler—an early black, also American and European hybrid, with a distinctive, wine-like flavor; Niagara—a late ripening black with a spicy flavor; Seneca—an early ripening, white American-European hybrid of fine quality. Like years and a kale. the skin of Seneca is not separated from the pulp when eaten. Naples is a small-fruited, red grape of delicious flavor. For those who like the older American varieties, try the blue Frederica and Concord, or the red Delaware and Catawba, and the white Niagara.

Grape need a trellis or arbor support. Use a stake within 6 to 8 feet apart. Be sure to study grape pruning before reaching for the shears, for if you want high yields. Set out healthy, year-old plants, and by the third season you'll have some grapes.

Blueberries

Blueberries grow best in full sunlight, in a soil that is more acid than that recommended for other fruits. They thrive in soil composed chiefly of organic matter and sand, or sandy loam. Plant in the spring or fall in an area of 4 feet square and 8" deep. Use either year-old rooted cuttings, or two-year-old plants. Fertilize in late April and again in early June. Pruning is recommended. Prune out the shoots, or 

GRAPES

Continued from page 71

Tree fruits

Kentucky and Burbank. We recommend a dwarf pear—Winter Bartlett—the skin of which is very thin and tender. The fruit is sweet and juicy, and is often used for apple sauce. The following varieties are recommended: Blair, the original dwarf pear—Winter Bar-
MIDGET VEGETABLES  
continued from page 70  

flavor is Mignonette, of the bronze-tinted, crumpled leaf type. Tom Thumb is notable for crispness, and blanched centers. To withstand a considerable amount of summer heat and a touch of fall frost, there is Oak Leaf lettuce of medium-thick leaves and good quality.

A companion to small lettuces, with a dozen culinary uses, is the smallest of the onion family, the chive. Its leaves resemble green knitting needles, are edible, can be snipped or picked as wanted. The bulbs multiply and should be segregated in early spring. The chive’s blue flower adds a decorative touch to kitchen borders. Cress should be included in all salad gardening. It grows quickly, makes neat plants that recover well from cutting, and has a most refreshing flavor. Cress can be grown from seed in pots, and in your window box. A variety of pepper with small, sweet fruits is Sunnybrook. Miniature cucumbers are grown primarily for pickles, but they make a fresh salad garnish. One of the latest is the miniature Model. An old favorite among radishes for salads is Early Scarlet Globe. The Cherry Belle radish is an All America Bronze Medal winner, has slender tap roots, short tops and a crisp texture.

Corn, which is probably a favorite with everyone, requires a relatively large amount of space in proportion to the yield it gives. Modern hybrid plants bear 8 or 9 inches long. But if you want to find ‘riches in a little room,’ choose Golden Midget, which has ears 4 1/2” long, and grows no taller than 3’. A white companion to this is Early Pearl, also high in sugar content.

Fresh peas are one of the garments’ first and best contributions to the table. While the very smallest, the Petit Pois variety, is rarely to be found in our catalogues, the early and hardy Alaska does provide little peas. For low-growing plants that need not have brushwood to climb on, Little Marvel remains a strong favorite, as does the early dwarf pea Laxtonian. Dwarf Gray Sugar pea’s pods can be cooked and eaten like snap beans.

A few bushes of summer squash take up only moderate space, and can be wicked as small as you like. Early Prolific Straightneck is the best of the yellows, and makes a good color contrast with dark green Zucchini, an Italian marrow. Small Acorn, for winter use, and also known as Table Queen, is now available in a bush strain for economy in garden space.

Carrots, whatever variety you choose, can be pulled when smaller and more tender than those in conventional gardens. Nantes is an excellent variety for this purpose, while the popular Imperial grows longer and slimmer, Chantenay stouter and shorter.

Among the best of the newer beet varieties to grow in limited space is Fireball, producing beets uniform as golf balls in shape and size. Fireball is a dark, rich red, appetizing for cooking and in salads.

While large watermelons are not small gardens, miniature varieties have been developed to provide fruits small enough to fit into a refrigerator. One of the most promising of these is the New Hampshire Midget watermelon. In addition to bearing small melons, it has the advantage of being a small vine that matures early enough for growth in northern gardens.

and gold on the reverse, Lydia, as well as the yellow novelty, Sun Valley, has decorative uses for those who want un- fading yellow tones.

Lilikoi, the only 1954 All-America Selection in the floribunda group, pays tribute to a queen, England’s Elizabeth II. It is one of the few really fragrant floribundas and the fresh pink buds have a refreshing daintiness and charm. The 20-22 petals of the open flower vary from rose pink edged with carmine red, to dawn pink, Fuschia, a gay, vigorous floribunda with impressive sprays of bright pink blooms, grows to a height of three feet and stands up sturdy and full of vigorous summer flowers. Burning red Embossed flowers throughout the summer, and deepens in color with each day of its life. The miniature 12” plants of Pygmy Gold and Pygmy Red are most effective when planted in boxes, along the top of a wall, or as a border. Pygmy Gold has glossy leaves, small urn-shaped yellow buds; Pygmy Red has dull foliage, vivid red flowers. Long-lasting, velvety-textured red petals, and a plant of two feet make Red Favorite the perfect low border floribunda. Brilliant orange floribunda Siren is remarkable in its combination of vigor, continuous production, and large sprays. Cocorico, a semi-single, has a color range from blood red to vermilion. Like Siren, it leads itself to landscaping and borders, or can be massed for accent.

This year’s newcomer to the floribendas (roses that combine the bush form and color of the open flower than the shrub) is Siren, introducing a new type of double-flower. The color varies from delft rose to rose opal.

Among the climbers, Coral Dawn is the first hardy climber to combine a true, unchanging coral pink with ever-blooming behavior. The rose red Porcelain and Pink Cloud are other excellent hardy climbers for fences and trellises. Desicana Pillar has high-centered flowers that open to deep rose pink, large mid-season foliage. It is a popular background and accent shrub in the Pacific Coast and Southern States.

The climate in which you live is an important factor in selecting new roses. The eastern coastal area is kinder to the form and color of the open flower than the hotter and more humid eastern inland areas. In the tempered climate of the Great Lakes, roses often show more exquisite coloring. Roses with less than 10 petals have a lower yield in the northern climate than floribundas and the fresh pink buds of a floribunda to give gardeners the best of both worlds) is Dean Collins. The plant has the ease of culture of a floribunda rose, bears carmine buds that open slowly to an opulent type of double flower. The color varies from delft rose to rose opal. The color varies from delft rose to rose opal.

HELEN TRAUBEL  
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ROSES  
continued from page 74  

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NEW ROSES continued from page 93

25 petals will not bloom well under hot and humid weather conditions east of the Mississippi. They are most suited to the Pacific Northwest, where many-petaled varieties tend to open reluctantly. Northern Iowa, Minnesota, Wisconsin, and Michigan require winter-hardy roses, but this is not essential in the western areas, except for the Rocky Mountain states.

When you plant rose bushes, remember that they like company as well as rich, fertile soil. They look their best in groups or masses in flower beds and borders; lonesome when isolated in lawn areas. Remember, too, that irrigation is essential to successful rose growing, especially during dry spells, and plants need constant attention.

ANNUALS AND PERENNIALS continued from page 74

some of the new introductions, listed alphabetically, including one house plant and one shrub.

American violet Carolee, violet-blue; Pacific Shadows, bright blue; NELSSEN hybrid; New Dawn, reddish orange; Inamorata, white, Pink Adorable, rose; Bright Delight, Silver Moon, white, Esters Amanada, violet, Andromeda, peach pink; Atlantic, graminian blue. Astilbe Red Sentinel, Turkish red. Carnations Shadow Valley, crimson; Sunny Day, clear yellow. Chrysanthemums Aristocrat, cerise; Clark's Coral Spoon, apricot-coral; Flamboyant, bronzed orange-scarlet; Starlight, light yellow; Vision, pearl-dawn blend. Day-lilies (Dr. Stout's hybrids) Allan-a-Dale, dark red; Dolly Miller, yellow, New Yorker, russet and maroon harm polonoi; Poliostatia, scarlet. Heuchera Bressingham Hybrids, combinations of white, pink, coral, red, Lythrum Roberts, pink. Magnolia Cherokee, red; Red Sulphur, white; Peonies, white; Peonies, crimson, white, peonies in a shrub. Alice Fleming, rose; Shirley Temple, light rose changing to white. Phlox stolonifera Blue Ridge, blue. Shasta daisy Mount Hood, Tritonia Earest of All, coral rose.

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POWER TILLAGE continued from page 71

which speeds up the operations of nature many thousands of times.

Topsoil, we must remember, is nothing but subsoil mixed with abundant and rapidly decaying organic material. Humus is made from the organic element which creates topsoil out of subsoil and in doing so brings into productive soil an abundance of living things. These range all the way from the giant earthworm down to trillions of beneficent bacteria (without which we could not live) and the operations of a huge range of anti-biotics, some known and perhaps thousands unknown. A cubic foot of living productive soils is not merely an aggregate of certain elements, dead, inert, and unavailable to plants and eventually to animals and people; it is a living unit in all which the laws and balances of the universe are in operation. When there is organic material and human presence in sufficient quantity, and we are able to correct or make nearly perfect the balance of minerals through the use of highly available fertilizers, we begin to raise vegetables, flowers and other crops which are magnificent in size, color, flavor and nutrition. We begin to raise healthy plants that can resist countless plant diseases and even insect pests.

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As the organic content and texture (Continued on page 96)

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improved (very rapidly), all fertilizers have become more effective, quality has gone upward, disease has moved downward, much of it out of the picture altogether. One of the big factors in improving production and quality has undoubtedly been associated with the increased use of mulch, put on after the power tillage machinery has done its work. We have used everything from ordinary hardwood sawdust to the best allahay (itself a fertilizer) and the results have been effective in every case, some more so than others according to the material used.

At Malabar Farm we have everything from a giant power rotary tiller with a 125-horsepower motor to small rotary tillers which are used for fine work in flowers and the more delicate vegetables. We have not used an old-fashioned moldboard plow in eight years and will probably never use one again. Rarely do we use even a harrow draped. The lovely Colonial design (above) is just one of many easy-to-install Flexscreens you may choose... Prices begin as low as $15.75; so there’s no need to accept anything less than the true Flexscreen. Write for free catalog.

NASSAU AND THE BAHAMAS continued from page 33

charming cluster of Georgian buildings... around an impressive club house. Also managed by the club are several attractive cottages known collectively as the Hibiscus Beach Cottages and offering privacy and superior service.

Bahamian life was not always as serene as it is today. The relative prevalence of forts on the island as well as such items as Blackbeard’s Well and Tower bear witness to various attacks for possession of it.

Today Nassau and the Bahamas are suffering another invasion, but this is one the local citizenry welcomes and is encouraging. It is the invasion of the American vacationist. This winter more Americans are expected on the islands than ever before. They will arrive by plane, cruise ship and private yacht. The last group will discover, if they do not already know it, of its forms has made it easy to produce good soil quickly and easily and to make all your plants happy, healthy and handsome. It is the most natural possible method of creating good soil for it follows directly the results of nature herself, only speeding them up many thousands of times.

People are not only visiting them, they are buying property on them, and new resorts are rising up and down the archipelago. The principal attractions are quiet, picturesque seascapes and excellent opportunities for fishing. On Eleuthera, a long, narrow island east of Nassau, you will find three main centers: Rock Sound, Harbour Island and Governor’s Harbour, all of which have comfortable and attractive hotels.

On Andros there is a new yachting resort at Fresh Creek. Bimini is devoted exclusively to fish and even contains an aquarium. Abaco is dotted with picturesque villages with such picturesque names as Cherokee Sound, Hope Town, Marsh Harbour, Man O’ War Cay, and Guana Cay. You will find good fishing from Green Turtle Cay Fishing Camp. The island of Inagua is notable for its wild animals and birds and its great salt flats. Walker Cay, only 45 minutes by plane (Midjet Aviation Company) from West Palm Beach, is the site of the Walker Cay Club, also favored by fishermen.

Transportation

By air: from New York via BOAC, non-stop in 4½ hours. From Miami: via BOAC and Pan American World Airways in an hour or less. From West Palm Beach: via BOAC and Mackay Air Transport.

By sea: the Furness Line’s Queen of Bermuda and Ocean Monarch alternate cruises from New York to the West Indies, with Nassau as one of the ports of call. Cruises vary in length from 7 to 20 days. The Inerex Nassau Line offers direct service from New York on the transatlantic cruise liner S. S. Nassau.

Support your local Red Cross
WHAT MAKES A GOOD SMALL HOUSE

continued from page 39

if they lend themselves to comfortable arrangements of furniture, and if you feel free and unhampered in them, chances are that the space has been wisely appointed.

Third, a good small house has flexibility. Some rooms, certainly, must do double and even triple duty. Like the clothes in a limited wardrobe, you plan them to be un-specialized so they may change as your needs vary. If a room set aside for dining three hours a day can be used for work or play an additional six hours, it pays for itself in use.

A vital compensation of a good small house is convenience. This is not only the wizardry of push-button living in a mechanical age. It is the way the kitchen is placed, making it easy to answer the door or to keep an eye on the children. It is the convenience of having enough storage space precisely where you need it. Modern planning brings to the small house a priceless kind of convenience which is almost as good as a maid-in-residence. In short, the entire house should work for you instead of against you.

A good small house is a background for family living, suited to whatever phase the family has reached. It should include room for sociability and privacy, for the group and the individual. In most cases today, the small house is tailored for informality. From its soil-resistant floor to the child-proof walls, it is a place where everyone gets uninhibited fun out of family life. This does not mean that the small-house family must face a tribal existence in a single room. On the contrary, each person deserves his private kingdom, a place behind closed doors in which to read, to think, to be alone. And there should be, in practice, privacy for each generation to indulge in amusements without treading on the toes of the other. Although the solutions will be different with each family, a workable privacy and genuine sociability are achieved by wise division of space.

In addition to all these things a good small house, like any successful piece of architecture, has personality. It has a charm and individuality which expresses the owners’ likes and dislikes, personal habits and way of living. To achieve the house you want may demand the perseverance of Jason in search of the Golden Fleece. This is not to say that every family is so unique that no two houses can function in the same way, for all well-planned houses have in common the fundamentals discussed above. But the peas-in-a-pod house in the carbon-copy community—unattractive today and obsolete tomorrow—is not and should not be the only answer to the nation’s need—and your need—for a good small house.
During 1954, you will see House & Garden colors used in the exterior of individual homes and residential developments across the country. The builders of many of these homes will be competing in a Color Awards Competition sponsored by H&G in cooperation with the National Association of Home Builders.

Because House & Garden editors believe that taste in color adds originality to the exterior of homes, they have invited leading builders to compete in this pace-setting Competition. It will be based on the distinguished use of H&G colors in the exterior of homes built in 1954. Winners in regional areas of the U.S. will be chosen by a panel of House & Garden editors and will be given Award Certificates.

If you are building a new home, tell your builder about this Competition. Or, if you are a builder-member of the N. A. H. B. write to House & Garden for detailed information.

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Screwdrivers come in variety of sizes and lengths. For greatest accuracy, select longest one convenient for work. Spiral ratchet screwdriver, left, is best for rapid driving.

Hand drill, at left, brace and bit, right, are used for the rapid drilling of holes in wood or metal. Hand drills are used for small holes. Auger bits, used with brace, come in a wide variety of sizes and types. Holes in wood started with brad awl help locate the drill.

Nail set drives nail head below surface of wood and is used on all fine cabinet work. Nails should be set 1/2" below surface. Conceal indentations with plastic wood filler.

Ripping bar is gooseneck in shape, a tool for lifting heavy weights or removing stubborn nails with other end.

Monkey wrench is general all-purpose tool for loosening or tightening bolts and fittings. Has fixed and adjustable smooth-faced jaws.

The 6' folding rule is, perhaps, most frequently used tool. Latest models are plastic coated with square ends.

Push rules help get accurate dimensions inside as well as outside. View window in rule gives exact reading.

The level is used for gauging vertical or horizontal trueness. Telltale bubble shows levelness of a surface.

Combination squares are several tools in one, used to measure lines or angles and as markers or levels.

Other useful small tools—putty knife, razor cutter, brad awl for small holes, file and small pliers.

Wall-to-wall carpet is much more than just the best floor covering—it is the embodiment of all your patient planning and self-denial. It deserves proper installation to bring out its full beauty and achieve that smooth custom-cut look along moldings and against stairs, doorways and hearths.

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HOMEMADE MIRACLES continued from page 87

Grandmère’s quick brioche
Brioche, that darling of the French boulangerie, was Grandmère’s mainstay, too. She had a half-dozen of the conventional brioche molds, round boul­
des and bottoms and a variety of fluted designs on the sides, but this recipe, discovered quite by accident and baked in little muffin tins or custard cups, was far more satisfactory. The batter will seem quite thin to you, and that is as it should be. The little ball of dough which tradi­tionally is set in the top to rise and form the cap is omitted, otherwise, in this recipe, it will be one of the finest brioches you ever ate.

1 cake compressed yeast
1 1/4 cup lukewarm water
1 cup milk, scalded
1/2 cup butter or margarine
3/4 cups all-purpose flour
1/2 cup sugar
1 tsp. salt.
2 cups flour

The procedure in nearly all of the yeast mixtures is the same. Crumble the yeast into the lukewarm water. Merely scald the milk: never permit it to boil. When hot, pour it over the but­­­ter and the milk mixture. Here we depart from usual procedure to brioche procedure: stir the yeast mixture into the flour mixture until well blended, cover with a damp tea towel, and set in a warm place to rise for 1 hour. Then, using the electric mixer or your good arm, add the unbeaten eggs one at a time, beating thoroughly after each addition. Add the remainder of the flour to make a batter. Cover and store in the refrigerator for at least 3 hours. Five or 6 hours or overnight is even better.

Grease 8 large muffin tins or custard cups thoroughly. Stir the dough down, and spoon into the tin; ordinary­
sized custard cups will take half the batter for 8, and the remainder will keep in the refrigerator until wanted for another batch (not more than a day or so, though). Fill the cups or tins only half full; set in a warm place and let rise until nearly filled. Bake at 400° for 15 minutes, or until brown.

Filled Bröck: Cream 1/4 cup of pâte de foie gras (or any good grade of liver sausage, or the canned liver spreads) with 2 tablespoons good sherry. Place a spoonful of the brioche batter in the bottom of each cup, add a spoonful of the pâte, and cap with another spoonful of the brioche. Let rise and bake as directed.

Tea-time brioche: Mix together 1/2 cup sugar and a teaspoon of cinnamon. Place a little in the bottom of each custard cup, add a spoonful of the pâte, and shake the cup a bit so that the sugar will form a light coating on the bottom.

Turn the dough into the pan. Filling: In each custard cup, add 1/4 cup all-purpose flour
2 tbsp. salt.
1 tsp.

For real brioche, add 1/4 cup sugar and proceed as above.

Baba Mélot
This "soft baba" is Abatin in origin, and is one of the finest things ever added to a luncheon table. With a fine Baba Mélot, rich and brown and shining, as the backbone, a clear soup for a beginning, fruit salad and a sharp dressing for the main course, and a bit of choice cheese for a finish, you’ll have a meal fit for a queen. This must, however, be eaten the day as made; the dough is so delicate that it drains out as quickly as cake.

1/2 cup milk, scalded
1 pkg. dry yeast
1/2 cup butter or margarine
1 Egg, grated lemon
1/2 cup all-purpose flour
1 Tbsp. sugar.
1/2 tsp. salt
4 eggs

1/2 cups all-purpose flour
1 Tbsp. raisins
1 Tbsp. currants

Cool the scalded milk to lukewarm, sprinkle with the yeast and set aside for 10 minutes. Set out the shortening and soften. Grate the lemon rind. Sift the 1/2 cup of flour and the sugar into the softened yeast mixture and beat with the electric mixer until smooth. Cover with a tea towel and set aside to rise for 1 hour. Without washing the beaters, cream the shortening and the sugar and egg yolks, beating until light and fluffy. Add the salt and lemon rind, and then beat in the eggs one at a time. Beat 5 full minutes, timing the beating by the clock. Stir down the yeast mixture and add this, with the 1/2 cups flour and the raisins and currants, to the butter and egg batter. Stir until well blended. Turn the batter into the prepared pan, and let rise in a warm place until it reaches the top of the pan, then bake quickly at 425° for about 20 minutes, or until the bread springs back when pressed lightly with the finger. Serve fresh and warm, pulling apart at the table with forks.

Baba au rhum: Cream an additional 1/4 cup sugar with the shortening and eggs, when making the batter above. To one #2 can pineapple strips, syrup and all, add the sugar and 1 1/2 cups flour

2 tbsp. brown sugar.

Mix this and set aside. Fill the rest of the pan as above. Bake in a ring mold, and serve warm with the center filled with fresh fruit.

Wiener Kugelhupf: Use the baba recipe, substituting 2 tablespoons powdered sugar for the tablespoon of sugar, and increasing the raisins and currants to 1/4 cup each. Butter an 8- or 9-inch fluted pan thoroughly, and add 1/2 cup chopped almonds, and shake so that the almonds will cling over the surface. Turn the dough into the pan, filling it

(Continued on page 101)
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SALEM, MASS.
HOMEMADE MIRACLES continued from page 101

Swedish fruit bread

This was a favorite at our house with every child who came, and the grown-ups who accompanied them always ended by begging for the recipe, too.

4 cups all-purpose flour
3 tsp. salt
Mix this one, too, in your electric mixer. Sprinkle the yeast into the lukewarm water in a small bowl and allow it to soften for about 30 minutes. Measure the butter or margarine (1 stick is exactly 1/2 cup) into the mixer bowl and pour the scalded milk over it. Let it stand until the butter is melted and the milk is lukewarm. Add the softened yeast and mix well. Measure the flour after sifting, add the salt, and sift directly into the yeast and milk mixture.

It will be a very soft dough: one might almost call it a stiff batter. Beat thoroughly, cover with a towel and allow to stand until bubbles are formed on top—it will take about half an hour or a little more. Brush a heavy griddle with a little shortening, cover with a towel and allow to stand until the bottom is well risen and lightly browned on the bottom. Then, with the pancake turner, turn rings and all brown on the other side. Watch them carefully: if they’re browning too fast lower the heat. They should cook about 2½ minutes in all. Split, toast, and butter.

ANDROS continued from page 79

In its lobby, the Santa Maria rides proudly in a white terrazzo floor. The unique charm of Andros for the fisherman is the combination of fresh and salt-water fishing. In the rivers and lakes you can cast for bonefish, gray snapper, barracuda, tarpon, houndfish, and mutton snapper. Inside the reef and in the ocean beyond are cormorants, cormorants, and a selection of three which he released for $30 a week.)

Drain, remove the pits from the prunes and the cores (if any) from the pears, and put the fruit through the coarse knife of the food chopper. Mix the chopped fruit with the next 9 ingredients, down through the sherry. Set aside for the flavors to ripen. Crumble the yeast into the warm water, in a small bowl. In the large mixing bowl, combine the butter, sugar, salt and scalded milk, and allow to stand until the milk is lukewarm. Add about half of the sifted flour and beat to make the batter smooth. Stir the fruit mixture in. Then add the remaining flour to make a stiff dough; you will have to mix this last part by hand, unless you have a heavy-duty mixer. Turn out on a floured board and knead until the dough is smooth and doesn’t stick to the fingers. Return to the greased bowl, cover, and let rise for 1½ hours; it won’t quite double in bulk, because of the fruit. Punch down, knead a minute or so, then divide into 2 parts, shape into loaves, and place in greased bread pans. They will be about half full. Cover and let rise again until the loaves nearly fill the pans and are nicely rounded: about 45 minutes. Bake at 400° for 15 minutes, reducing to 375° for 40 minutes. A loaf of bread when fully cooked has a crisp brown crust and a hollow sound when tapped sharply with the knuckles. Turn out, and frost when cold with a plain confectioner’s sugar icing.

Fragrant, brown and luscious, and bursting with the very essence of what home means to all of us—that’s bread. And Grandmère’s easy, beaten breads bring this home-made miracle right up to the minute for all of us. Try them just for the fun of it.

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