An American Home of Bermuda Inspiration

Designed by Peabody, Wilson & Brown, architects. Page 202

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The American Home

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Texture of weathered hand-hewn shingles... soft, earthy colors, harmonizing with every architectural plan.

THOSE who have shared the common disappointment in a "new roof" will rejoice at the effects now obtainable. There is no obvious newness in a Salem Roof. Rather a feeling of tradition, age, substance, authenticity.

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Colors range from blue-black through grays, browns, greens, and reds—not only solid colors, but combinations in which shingles of related shades are intermingled, producing roofs with the richness and interest of moss-covered wood.

J-M Asbestos and Asphalt Shingles represent a wide range of prices

Prices of J-M Asbestos Shingles vary, depending on the size and thickness. The present low cost of a roof of this type—more satisfactory and beautiful than any other—will surprise you.

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Libbey-Owens-Ford
flat drawn clear SHEET GLASS
The Wedding Breakfast

188
Overture to
Lohengrin
Being the practical diary of a practical bride

PART II

by LOUISE GIBBONS GURNEE

MAY 21. It's a little past noon. I've just come home from my first pre-nuptial party and a pretty spiffy party it was, too, even though the girls did call it a kitchen shower. All the handkerchiefs and silly trinkets I've been casting into bridal showers for years have returned to me as perfectly grand kitchen things. More than a fair exchange, I call it.

When Lillian first told me that my party was a breakfast I asked brightly, "One o'clock?" And when she said matter-of-factly, "Nine o'clock," I groaned, actually groaned in my hostess' face. I've been worn to a frazzle for the past month getting the house settled and nine o'clock seems like the crack of dawn. Even when I drove up to Lillian's door I felt that the only thing lacking to make the party a success was a factory time clock in the hall. Base ingrate—two words that describe me perfectly. For nineteen other girls, some of them married with children to send off to school, were there ahead of me and quite happy about it.

Lillian's house is beautiful and the breakfast a triumph! I wonder if I ever will be able to entertain so nicely. Her dining room is at the end of the living room down three steps looking out over a garden. It's flooded with sunshine from long French windows and always makes me feel that I'm eating outdoors instead of in. Two long trestle tables, each seating ten, were spread there for breakfast. One table wore a long lavender runner and the other, a yellow. The yellow napkins belonging to the yellow runner were used at the lavender table and vice versa. Yellow daffodils in lavender bowls graced the yellow table and lavender tulips in yellow bowls gave a beautiful effect on the lavender table.

LAVENDER crystal cocktail glasses filled with grapefruit juice greeted us at the table. They were served in accompanying lavender glass bowls on glass plates and were imbedded in a sea of pale green ice. (Lillian told us that she'd merely added green vegetable coloring to the water in the ice pans of the automatic refrigerator.)

Flora, Lillian's colored maid and her sister, Dora, bustled around the serving table in starched lavender uniforms and green organdie aprons and presided over two waffle irons with the air of concert pianists at their Steinways. Rich creamed chicken in oceans of sauce bubbled away in a chafing dish. When a crisp, crunchy waffle was plopped on a lavender pottery plate, swish went the serving spoon, and the waffle was smothered in creamed chicken. A marvelous combination that!

Then coffee made before our eyes, tempting our appetite long before it touched our tongues, and fresh strawberries completed the meal. But when I say fresh strawberries, that doesn't really describe them. The plumpest, nicest strawberries had been dipped in unbeaten egg white and dredged in powdered sugar—frosted. They nestled in a bed of grape leaves on lavender glass plates—a delight to the eye and the palate. And best of all, they could be eaten with one's fingers, the way all strawberries should be.

WHAT a beautifully simple and simply beautiful breakfast! And the presents! Almost all of them were things I'll need but would forget, no doubt, to buy for myself. A box of ice box cookie molds, gay oilcloth pot holders in their own oilcloth envelope, a bread board with a tin cover, an aluminum roaster that serves also as an extra vegetable freshener for the refrigerator, a handled tray that holds a collection of spice boxes, a Japanese cookie jar lovely enough for a vase in case it runs out of cookies, a kitchen pottery set in pale green speckled with white polka dots (nested bowls and a pitcher), a wooden chopping bowl with a patented chopper, a set of tools that makes grapefruit serving a joy (a corer, a saw-edged knife, and a gadget that flutes the edges), three different sized muffin tins, a group of small pudding molds set into a larger mold, two ridged butter paddles to roll butter into those cute little balls, a can opener that fastens on a wall or table and whirls the top of the can off rather than gouging it out, a tricky array of simple, necessary things like a pancake turner, a spatula, a slotted beating spoon and a bread knife, a brush for greasing baking things, a fruit press and potato ricer, nested measuring cups, a
Gifts are coming in so fast I can hardly keep up with my gift book: two gorgeous sterling vegetable dishes with the new palladian finish from Ned Wainwright; additions to my flatware—a desk knife, cream soup spoons, butter knives, and salad forks—from Uncle Agnew; and an electric sandwich grill (Fig. I)

knife sharpener and an arsenal (maybe that isn’t the right word) of the sharpest paring knives that I’ve ever laid a finger to!

May 23. In my sixth grade reader there was a verse that went something like this: “In the darkest, meanest things there always something sings.” It may seem like desecration to say that now I know what it means since I’ve walked through the kitchen equipment section of a large department store. But actually beauty does bloom there, unexpectedly. I have never seen pots and pans and skillets and lids, such homely words in themselves, prepared for such a brilliant future. I had remembered pans of gray flecked enamel (like the markings on Plymouth Rock hens), enamel pans whose insides cracked off if you stirred fudge too hard trying to make it thicken when you hadn’t cooked it long enough, pans that had lips on the right-hand side so that you had to make a back-hand stroke if you wanted to get the fudge poured before it sugared or became grainy.

And here were pots and pans that had taken a course of beauty treatments! There were pots and pans in white or gay colored enamel, guaranteed not to chip off; pots and pans of heavy aluminum guaranteed not to dent; pots and pans in a metal alloy with the soft sheen of pewter; pots that had lips on both sides and tight fitting lids so that not a whiff of steam, not a bit of flavor escapes from the thing you’re cooking, even though it’s ham or cabbage or cauliflower; and pots that have flat bottoms so they never totter over the gas flame.

I saw baking dishes the color of rich, brown pastry with amusing handles of chicken’s heads; baking dishes in colored pottery; baking dishes of heat-proof transparent glass; baking dishes of translucent glass with rainbow tints; skillets that fitted inside of each other, the smallest no larger than a round, fried egg and the largest, commodious enough for fried chicken; roasters with covers that baste the roast; cookers on soapstone platforms that cook meat in the bottom compartment and steam three vegetables at a time in the upper compartment—all over one gas flame! There were sandwich cutters of all kinds, rolling pins, egg beaters, tea kettles—but why go on?

I had to choose from that vast array the things I needed most. I felt like the woman who was having her first meal in a hotel and when the waiter asked, “Tea or coffee, madam?” she replied, “A little bit of both, if you please.”

And that’s how I chose them. If there’s anything I missed it’s the salesman’s fault and not mine.

May 27. You take so many things for granted about a house you’ve lived in for years. Things sort of pop automatically out of their proper cupboards. I told mother to-day that my kitchen was done. And she said “Yes?” with a rising inflection. “Suppose,” said she, “that you pretend you’re cooking a meal in that kitchen—oh just a simple meal, and then you see what you’ve forgotten!”

So I said to myself, “First you set the table.”

Ye Gods, I’d forgotten kitchen tablecloths! Easily remedied, and cheaply, too. I found three breakfast sets, one of washable red and white rubberized fabric; another of heavy linen crash striped in green, blue, and gold and marked “Russia”; another green linen with four matching napkins cross-stitched in red—all for $10.

Then dishes! The five-and-ten cent store supplied me with enough imitation blue willow ware, including cereal bowl and service for

The names of the manufacturers of the articles shown on these pages will be found at the end of the article.

A few of my kitchen highlights include skillets, an electric waffle iron, pot holders, pudding molds, pottery set—green with white polka dots—a spatula, pancake turner, slotted beating spoon, potato ricer, and a bread board (Fig. II)

Ellen and John sent a Spode tea set in a chintz design. With the Wedgewood from Aunt Selina came a note, “It’s Queeneware—the pieces are part of the set I went to housekeeping with. You can fill out this set even to-day.” (Fig. III)
with pencil attached. Ruled spaces with such headings as Date received, Gift, Sent by, Address, Where purchased. Thanks sent, certainly simplify the first bookkeeping job I’ve ever had. And with the book came little stickers so that the sender’s name can be written and attached to the gift in some inconspicuous place if one decides not to display the cards with the gifts.

May 30. Spent the day with mother shopping for bedroom linen and I never saw anyone more childishly delighted than she at the lovely things. For once in my life it was I who had to restrain her from buying everything in sight and not the other way around! I think it’s probably all right to have closets and closets filled with sheets and pillow slips and tablecloths and towels, so many that you practically never get down to the bottom. But after all, linens, like everything else nowadays, change their patterns and their styles nearly every year and I’d much rather buy new when I see something I like than have enough to last me a lifetime. So I bought only three pairs of snow-white sheets for the double bed—hemstitched and to be monogrammed. One pair is real linen. The other two pairs are of such smooth, silky cotton that one can scarcely tell them from linen. The monograms will take only one week to have done. That’s speedy work.

Two cream-colored, soft woolly blankets, a down-filled comfortable of black satin, and six pillow slips to match the sheets finished the guest room.

For the single beds in our bedroom, I chose a pair of monogrammed white sheets for each bed and two pairs for each of rose-colored sheets. Likewise pillow slips. Two rose wool blankets and a down-filled blue satin comfortable apiece is an extensive enough wardrobe for any bed.

May 31. Dorothy’s friends have asked me to a party. They said in their young off-hand fashion that they needed some sort of an excuse to play bridge. There’s an air of deep

(Continued on page 220)
THAT NEVER EXPECTED EXTRA

An adventure in home building that points a moral

by JOHN R. ARMSTRONG

Architects and contractors are as anxious as home builders to drive the bogey of extras out of building operations. What one owner learned about extras, as told in this article, should guide others.

When the average man builds a house his friends, if he is given to burdening them with his troubles, will probably hear that his new home cost more than he thought it would.

My own experience is no exception. And yet, as I look back, I can see that many of the expenses which came as surprises to me could easily have been predicted in advance. Someday when my growing family needs more space and when I can afford a larger plot of ground I am going to build another house. It is really a fascinating experience, one that no one who loves a home should miss. But when I build another house I do not believe there will be many expenses I have not anticipated and allowed for. It is partly because most of us approach the purchase of land and the building of a home with no previous experience and partly because we have not asked enough questions or have not known what questions to ask, that we meet with these surprises.

I write this article, therefore, not with the thought that I have developed overnight into a full-fledged authority, but rather that my own experience may be some guide to others who contemplate building for the first time. If this experience helps anyone else to anticipate the expenses which are not included in the original contracts and thereby removes one of the bugaboos that make people hesitate to build their own homes, then this article will have served its purpose.

To begin with there were a number of expenses connected with acquiring the lot. I employed a lawyer to make a title search and examine the contract of purchase, a precaution any conservative person would take. When the transaction was completed he recorded the title to the property in my name. In connection with this I had a survey of the lot made by the county surveyor. Then I took out title insurance with a title and mortgage company. And then I found I had agreed to pay the current taxes on the property. Now I realized that most of these things would have to be done but I had not taken into consideration the amount of the fees involved. Here they are:

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lawyer's fees</td>
<td>$107.00</td>
</tr>
<tr>
<td>Title insurance policy</td>
<td>25.00</td>
</tr>
<tr>
<td>Surveyor's fee</td>
<td>55.00</td>
</tr>
<tr>
<td>Current taxes on the lot</td>
<td>32.00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$199.00</strong></td>
</tr>
</tbody>
</table>

Eight months later we were ready to start building. A series of conferences with our architect had resulted in plans for a house within the limits of what we felt we could afford to spend. Specifications had been written, bids were in and contracts let. When the house was staked out we found we would have to sacrifice one of the two important trees on the lot or move it. We decided to move it. This brought up the question of where to place it as it was a large tree and we could afford to move it only once.

It was at this point that we decided after a conference with our architect to employ a landscape architect, secure his advice as to the placing of the tree and at the same time turn over to him the responsibility for drawing a grading and planting plan and have him supervise this phase of the work. Now I had always been under the impression that the employment of a landscape architect was an indulgence in sheer luxury but experience has changed my mind. Those of us who have only a quarter of an acre of ground want that plot to be as artistically graded and planted as is possible within our means. Haphazard effort rarely accomplishes as desirable results as does the execution of a carefully prepared plan. In my own case I found the advice and direction provided by the landscape architect of inestimable value. A year or two will probably pass before we fulfill every detail of our program but everything we are doing is in accordance with a plan. From season to
Many of the additional expenses that come as a surprise to the home builder can be avoided if one but profit by the experiences of others. Al right is the author's house as it looked this spring just after completion. The landscaping will be continued later. Below are the floor plan.

season as we can afford to add various trees, shrubs and flowers, we shall approach more nearly the ideal that has been established.

The first step the landscape architect insisted upon was a topographical survey of the lot. This brought to light the fact that the lot sloped from rear to front and from one side to the other much more than was apparent to the naked eye when looking at it before underbrush had been cleared away. It became obvious at once that unless our front lawn was to slope precipitously from the front door to the street a retaining wall four and one half feet high would have to be built along most of the front of the lot, together with a smaller retaining wall jutting out from the house to keep from grading dirt too high around our best tree.

When we discovered how high the house would be above street level, the landscape architect recommended that the walk leading to the front door should approach the house in a gentle curve from a point about opposite one corner of the house. Because of the elevation an arrangement of flagstone steps partially hidden by an extension of the retaining wall was designed and then a walk of irregular flat stones laid out on a curve to the front door.

None of the things described in the preceding paragraphs except the walk which was included in the grading allowance, had been taken into our original calculations. As far as the actual grading was concerned, we overran our allowance only $18.00 but it included no retaining walls or steps. Our unanticipated expenses in landscaping and grading therefore included the following items:

<table>
<thead>
<tr>
<th>Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Topographical survey</td>
<td>$60.00</td>
</tr>
<tr>
<td>Landscape architect's fees</td>
<td></td>
</tr>
<tr>
<td>Moving tree</td>
<td>154.50</td>
</tr>
<tr>
<td>Retaining wall</td>
<td>308.15</td>
</tr>
<tr>
<td>Wall extension and steps</td>
<td>400.00</td>
</tr>
<tr>
<td>Total</td>
<td>$1,122.65</td>
</tr>
</tbody>
</table>

These expenses are abnormal but some consideration will have to be given this type of thing by anyone building on an irregular plot of ground.

Just before contracts for building the house were let I set out to borrow money. I discovered that it pays to shop around. Interest rates are about the same in several quarters but commissions or fees connected with securing the loan vary. I saved myself more than $100 by making inquiries and comparisons, and finally secured the $18,000 I wanted from a reliable suburban trust company. Even the most advantageous proposal involved heavier charges for securing the loan than I had anticipated. In fact, if I anticipated any charges at all I found I had not allowed for them in any written calculations. Yet they could have been determined definitely far in advance if I had taken the trouble to do so. Here are the charges I paid in securing a building loan:

<table>
<thead>
<tr>
<th>Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trust Company commission</td>
<td>$15.00</td>
</tr>
<tr>
<td>Lawyer's fees</td>
<td>80.00</td>
</tr>
<tr>
<td>Title &amp; Mortgage Company fees</td>
<td>261.54</td>
</tr>
<tr>
<td>Total</td>
<td>$626.54</td>
</tr>
</tbody>
</table>

Then here is a little item I overlooked. Shortly before the house was completed, I received a notice of interest due on sums advanced on the mortgage during construction. Now what amateur building a house for the first time would have anticipated that item? And yet the lenders were very clearly entitled to it and so I paid:

Interest on mortgage during construction: $120.33

Soon after construction of the house got under way, a number of little bills I had not considered in my calculations began popping up. They involved water, gas, and electric wiring connections and charges for (Continued on page 222)
George Hepplewhite's beautiful furniture was distinguished for its combination of strength and elegance. His graceful models were derived from the styles of both Louis XV and Louis XVI, as well as from the English Robert Adam. There was a great vogue for his furniture from 1785 to 1795, but he died before he had really tasted fame, and his reputation increased with the years till now he ranks as one of the great designers of all time. His favorite woods were mahogany and satinwood, carved, inlaid or painted, and he excelled in all three methods of workmanship. His most characteristic models have straight, tapering legs, square or round, which may be fluted, reeded, or plain, and may have straight, collared, or spade feet. For upholstering, Hepplewhite preferred silks and satins, and was fond of narrow stripes and French designs.
George Hepplewhite was a contemporary of Sheraton, but his personal history is vague, the date of his birth even being unknown. Like other cabinetmakers of the eighteenth century he gave his name to a style of furniture which was beautiful and popular, and which had an influence still felt in the furniture making world. When we speak of Hepplewhite furniture we mean the type to which his name has become attached much of which shows the influence of his predecessors, specially the Adam Brothers, and the products of the contemporary French school.

Hepplewhite carried on his business in the parish of St. Giles, Cripplegate, London, and when we state that and the fact that he died in 1786 we have said practically all that is known of him. His widow, Dame Alice Hepplewhite, brought out his volumes, The Cabinet Maker and Upholsterer's Guide, in the years 1788, 1789, and 1794, and these give us the most complete record of his genius. She also carried on his work under the name “A. Hepplewhite & Company” and did much to perpetuate his designs.

Delicately wrought mahogany was Hepplewhite’s most successful medium, and the pieces on which he used his exquisite low relief carving were usually of this wood. He also used as embellishment the charming inlays of his day in satinwood, tulipwood, amboyna, ivory, and other exotic materials. Among his favorite designs were the “Prince of Wales’ feathers,” wheat ears, honeysuckle, palmettes, urns, ferns, swags of drapery, and garlands of ribbons.

Hepplewhite gave much time to the designing of chairs, and his charming examples are still in high favor and are successfully reproduced today.

Many of his pieces were Anglicized versions of contemporary French styles, but his chairs were distinctly original and his own. The backs form the distinctive feature, and the typical forms are the shield, the hoop, the oval, the honeysuckle, and the interlacing heart, the other styles, with the exception of an occasional square back, are modifications of these. The legs are usually square and tapering, sometimes reeded, or fluted, and having a spade foot or collared toe. Tradition has it that the decorative wing chair with a back as high as the sides was one of Hepplewhite’s picturesque designs. He made many tables, card tables, serving tables, and Pembroke tables, as well as charming little work tables. His chests of drawers, writing furniture, and secretaries show great variety, and his sideboards (adapted from Shearer’s designs) have a characteristic serpentine front which is considered a mark of a Hepplewhite design. His brass mounts were oval, oblong, octagonal, and round, with classic details.

The whole Hepplewhite and Sheraton tradition was for lightness and grace, and beauty of detail and proportion.
The old-fashioned picnic was a devastating affair. Nevertheless it has endured for years because it answered a human need too imperious to be ignored. It withstood the gibes of the super-civilized. To-day the picnic is as popular as ever but it does not entail the drudgery of the old kind. It has been put on a more efficient basis in keeping with our times. The new picnic has all the charming naïveté of its old-time predecessor. It, too, clings to the simplicities—simple food, simple equipment, the same old glorious aroma of coffee over as primitive a fire as you choose to make. The new picnic has even more spontaneity than the old but the glad urge to seek out nature is not dissipated by a long, hot flurry of preparation beforehand. Nowadays we make adequate preparations ahead for the whole summer season. We assume that picnics are a quite natural and to-be-expected part of living. So equipment, however unpretentious, is gotten together and kept in readiness for instant use and food plans thought out well ahead of time. Then when the joyous inspiration rises to do a little intimate communing with nature, everything is all set, and off we pop.

Picnic cookery is an enormously fascinating subject. The very words conjure up a teasing aroma. The old-fashioned picnic was often an affair that required no cooking, but now we arrange for picnic cooking whenever possible for half the fun of eating outdoors is the appetizing smell of things broiling and steaming over an open fire. Cold roast chicken has yielded first place to hot broiled beefsteak as a favorite picnic pièce de résistance.

The keen delight of cooking over an open wood fire must be a heritage from our primitive forebears, and a new generation, trained in the simple essentials of woodcraft, is making it popular. A grate with folding legs is ideal for broiling meat and balancing saucepans. And we do not need to tell anybody how to cook bacon, sausages, marshmallows, and the like, on freshly cut, pointed sticks.

Potatoes bake chummily in the ashes; Idaho Russets are more expensive but bake to a delicious, mealy turn. All sorts of (Continued on page 235)
MODISTY is presented better or offers a greater variety of choice than vacation trips as described to us in travel catalogues but, whether we journey by car, train, bus, ocean, or air, we can be sure of complete comfort only if we are completely luggage-wise. Travel technique is a matter of study and education; with some families it really becomes a fine art, and one upon which much time, thought, and money have been spent.

Traveling by car is probably the most favored of the usual methods of travel, especially in summertime, when families crave a chance to get into the open, and to display their knowledge of picnic technique. This form of travel, if performed with skill and forethought, is an enticing sport. But do not make the mistake of cluttering up your outfit with too many elaborate accessories; rather select wisely a sufficient amount of equipment from the many excellent suggestions, and load your car with only those which will be used and are essential to your comfort.

The space within the car is really for the physical comfort of the passengers, and the luggage belongs in the trunk on the rear of the car or in a metal-grate luggage carrier to be attached to the running board. If suit-cases are to be carried in the luggage container they may be neatly covered and protected from the weather with a strip of automobile top material called "Spanish leather," which comes in all colors, at one dollar and seventy-five cents a yard, and may be purchased at automobile supply houses. The same strip may be spread on the ground when you reach your picnic destination, and will form a convenient tablecloth, or may be used as a waterproof cover to protect one from the damp earth.

The car interior may be made comfortable for everyone; we may have both air pillows and hard hair pillows, the former for luxury and the latter for convenience as a back rest or a head rest when attention to the under part of the car is demanded. Several of them may be piled up to make a higher seat for a traveling child.

The baby may be safe and happy if he is in one of the traveling hammocks that are attached by hooks and (Continued on page 254)
A Small Colonial House for $8,000

Stratton O. Hammond, of Louisville, Ky., who designed this house for us estimates the cubic contents at 16,700 cubic feet and says it could be built in his locality for $5,845 or less. The American Home bases its prices on the New York area, since costs are probably higher there and any differences will favor the builder. In this case, for instance, the average for this type of construction is 50 cents a cubic foot which means the house would cost $8,350 to build near New York. The only way to get an exact estimate of cost for any locality is to give the plans and specifications of a house to an architect or builder in your particular community.
Theodore Whitehead Davis has designed for us this charming little L-shaped house that would fit beautifully under the spreading branches of a big tree. The chimneys are of common brick laid up in buff mortar as is the wall at the fireplace end of the living room wing. The side walls of this wing are of vertical siding stained a light golden brown. Half timber, filled with brick nogging and a stained stave door make an interesting entrance feature. The little wing has shingle walls stained to match the siding. Dark bottle-green shutters contrast with a light gray-green shingle roof. The cubic contents of this house is estimated at 18,360 cubic feet and at 30 cents a cubic foot the house would cost $9,250 to build.
FRESHEN UP for summer

by MRS. FORBES McCREERY
Member of The Decorators' Club, Inc.

With the approach of warm weather our thoughts turn toward making our houses more appropriate for summer living. Just at this time, with brighter sunshine and longer days, we cannot avoid noticing that it has been a long, hard winter for the curtains, draperies, rugs, and furniture, so let us make a little tour of the house to see what can be done to make it appear cooler, fresher, and gayer, and yet keep it as simple and easy to care for as possible.

I do not mean necessarily to have you strip the rooms of all accessories and make them unattractively plain in order to be practical. Rather I mean to re-arrange the furniture, to change the color ideas, to substitute less heavy or transparent curtains, or to use a lighter type of floor covering where possible. Gay slip-covers give a needed rest to the wintry-looking upholstery on the heavier pieces of furniture, and by putting away most of the ornaments, and substituting parchment for the perishable lamp shades,
For use with French provincial furniture, a glazed chintz, showing flowers and foliage, laurel leaves with berries, ribbons, and musical instruments, is very appropriate.

For a more severe treatment tailored curtains, with a three-inch hem on one side and at the bottom, would be in better taste. If you have a brightly colored slip-cover material, of which there are many charming and inexpensive examples, and the view from the windows is over a garden ablaze with flowers, I should prefer to frame the windows with straight lengths of the soft plain linens, neither lined nor trimmed, in the new sophisticated drapery colors. These are sunfast and tubfast, and hang in soft, graceful folds.

A garden in close relation to the house gives us the opportunity of harmonizing the summer furnishings with the colors of the flowers which you will not only see from the windows, but will enjoy in your rooms as well. How delightful to arrange calendulas in a room with a northern exposure.
An American Home
of Bermuda inspiration

Another in our series of homes
designed by famous architects

Architects
PEABODY, WILSON & BROWN
Decorators
McMILLEN, INC.

Landscape Architect
ELLEN SHIPMAN

American Colonial we know. Spanish Colonial is familiar in the Southwest and Florida, which were originally Spanish colonies. British Colonial, however, is not commonly found in this country. This is the style of architecture one sees, with regional variations, in the tropical British colonies, in Bermuda, the West Indies, and the Far East. A few houses in this style have been built in Palm Beach.

Peabody, Wilson & Brown, one of the leading architectural firms of New York, designed a house in what one might call the Bermuda style some time ago near New York. It proved to be so attractive that they were asked to design others, and finally we came to them and said we should like to put before our readers one of these unusual and beautiful houses.

The result is amply pictured in the following four pages of this issue of the magazine and also, in color, on the cover. Those who have been to Bermuda will notice at once the projecting stepped chimneys so common in that lovely island, and also the stucco walls with simulated stone quoins at the corners. The other distinguishing mark of a Bermuda house, the dazzling roof of pure white, is not necessary nor desirable in an American house. In Bermuda the rain water is carefully conducted from the clean roofs to underground cisterns.

The architects suggest for The American Home house either a red tile roof, as is shown in the colored drawing on the cover, or a black slate roof as shown in the model on the following pages. The shutters are red, as on the cover. The house itself is built of stucco on frame walls. Water cured concrete blocks painted white may be used for the chimneys. These blocks, which resemble stone, are made by squirting water on the blocks while they are hardening after being taken from the molds.

The architects estimate the cubical contents at about 36,000 cubic feet. In the New York area this house would probably cost about 55 cents a cubic foot to build.

The house has been placed on a 100 x 125 ft. lot. The landscape plan, as devised by Ellen Shipman, has purposely been kept rather informal. The lot has been bordered with small trees and shrubs and a path of tanbark or plain dirt has been planned to run through and under this planting. The effect is that of a path through the edge of a woods.

Surrounding the rear of the property the landscape architect suggests a stucco wall, 6 ft. 6 in. high. An Arborvitae hedge about 5 ft. high borders the flower (Continued on page 232)
Above is shown the house as seen from the northwest, the street side. As described in the article on the facing page, the walls are of stucco with simulated stone quoins. The shutters are a deep red and the roof is either red tile, as pictured on the cover of the magazine, or black slate, as shown above. The landscape planting is described on page 202. The cubical contents is estimated at 36,000 cu. ft. and in those localities where stucco construction costs 55 cents a cubic foot, the house would cost $19,800 to build. In many sections it could be built for considerably less.

The plan for the basement is shown at the end of the article on the facing page. The first floor plan, at right, has a guest bedroom which could be used as a study. The dinette opens directly on the terrace. A passage from the front hall to the garage includes a lavatory and an open coat closet. Two bedrooms, two baths, and a linen closet are on the second floor.
The photographs on these pages are of models, both interior and exterior, made for us by Edward M. Ellis. At the left is an airplane view of the whole estate, which is 100' x 125', and the landscape planting as suggested by Ellen Shipman.

Below is the house as seen from the south-west. The flower garden is at the left in an angle of the house. The kitchen windows and a window in the maid's room may be seen at the extreme right.

Mrs. Shipman has kept her landscape plan as simple as possible, using shrubs and small trees in a rather informal way. The flagstoned terrace on the garden side of the house has two steps leading to the lawn.
THE living room of our Bermuda type house is shown on this page as decorated by McMillen, Inc. The Directoire style was chosen and the color scheme comprises rich green for the chairs, flat white walls decorated with a band of green laurel leaves and with strips of gray, the same color as the window curtains. The rug also is gray. The console tables which usually stand against the bookcases may be joined to form the dining table shown above.
Above is shown a detail of the flower garden in the house designed for us by Peabody, Wilson & Brown. This is situated in the western corner of the house and should be a lovely spot toward twilight time. At the right is the fireplace end of the living room. A modern painting hangs over the mantelpiece and adds considerable interest to the formal Directoire decoration. The furniture pieces were chosen for their comfort, good style, and reasonable cost. They are well suited to a $20,000 home.
On a side table in the hall or dining room should be a large bowl of some delicious frosty concoction and plenty of glasses. It is essential that the supply of punch never run dry or get unpleasantly weakened by the ice. (Lunne and Heisey glass courtesy of B. Altman & Co., silver courtesy of The Watson Silver Co.)

When

Wedding Bells ring out

by ELIZABETH H. RUSSELL

It is well to begin to plan weeks ahead for the wedding breakfast or reception that everything may go smoothly when the great day comes. The house and the family are pretty sure to be in a hectic condition by that time and the fact that the entertainment has been thought out in every detail and is fully organized will be a great relief. We shall assume that the house will have been made ready in the spring for a June wedding, and that such papering, painting, refurbishing, and cleaning as may be necessary have been attended to.

The linens have been ready for some time—the beautiful heavy white or ivory cloth that will adorn the bride's table, the long covers for the buffet, the piles of napkins, and such lace and doilies as may be necessary for the refreshment tables.

The silver should be considered next, and the proper array carefully planned. There must be plenty of salad forks, service forks and spoons, entrée forks, spoons and forks for ices, spoons for coffee cups—both large and small, and all
the necessary array of silver serving dishes, candelabra, waiters, coffee services, compotes, platters, and whatever else is needed by way of handsome equipment.

China is next, and be sure you have plates for entrees, salads, sandwiches, cups and saucers for coffee—both large cups and demi-tasses, and plenty of service dishes for whatever you intend to dispense, hot or cold. Weddings nowadays are usually held at high noon or in the late afternoon, so the entertainment will naturally be either a "breakfast" which is really a misnomer for a "luncheon" or a buffet luncheon or supper, with long tables spread with the various tempting foods that are to be served to the guests or to which they may help themselves. If a breakfast is decided upon it is customary to have a separate table for the bridal party which will have the wedding cake upon it to be cut by the bride herself. There will also be a pile of small, white ribbon tied and possibly monogrammed boxes on a table in the hall, filled with the wedding cake for guests to take home. The ceremony over at the church or in the living room, the bridal party stand ready to greet their friends before leading the way into the dining room for the breakfast or buffet.

The wedding breakfast should be gay and jolly with toasts, flowers, and merriment, and each bride should try to have something so individual about her breakfast that it will be remembered by her guests as different from all other wedding breakfasts. The use of family heirlooms in linen, silver, or china is very distinguished and will add a charming touch of individuality, but not all of us can attain this ideal, so the next best thing is to make the table such a picture of loveliness that it will never be forgotten.

The bride's table will be set in pure white or ivory with heavy, exquisite linen damask, or a delicate lace cloth with napkins to match. The wedding cake, with its white icing may be either in the center of the table or at one end in front of the bride. The flowers will be white and may be lilies-of-the-valley, sweet-peas, or, if from the June garden, fresh roses with their green leaves, or great, glorious white peonies, set off by wax tapers in silver or crystal candelabra. The china will be white or white and gold, or crystal may be used, if you prefer, and the compotes will hold white bonbons and salted nuts. White ribbons may run from the cake to each plate, but (Continued on page 230)
Now is the time to select your

PEONIES

FOR PLANTING LATER ON

WHEN it is time to plant Peonies in September, will you know just what varieties you want? Will you order a couple of reds, four whites, and a half dozen pink varieties and leave it to the dealer to send you what he wishes? Or will you make up an order for so many named varieties, knowing just what you will get and why you like that particular dozen rather than some other lot? The answer depends upon you, and during the coming few weeks there will be opportunities to choose the varieties you would like to have in your garden.

Many things should be taken into consideration in making up a Peony list. First of all, behavior in the garden is most important. How do the different varieties hold up their flowers? That is, do they have strong or weak stems? Weak stems mean their blooms will go down in the mud with the first rain storm after they open. Jubilee, a glorious white of the largest size, has such a weak stem that even without the added weight of rain it hangs its head clear to the ground. Le Cygne, on the other hand, has a strong, stiff stem that holds its immense blooms beautifully.

Another phase of garden behavior is the freedom with which the different varieties open their blooms. Some kinds, especially extra full double varieties that bloom late, are inclined to open poorly. They “ball” and open lopsided or not at all. This is especially so in seasons when the weather is extremely hot. Under these conditions the semidouble, the single, and Japanese types are the more satisfactory. The next phase of garden behavior would consider how they hold their color. Some of the more delicate colors fade quickly in full sun while most of the dark reds burn badly and turn black. For cutting and exhibition purposes this fading and burning makes little difference as most blooms are cut in the bud and opened indoors but for garden display these factors are important. Consider freedom of bloom. Some varieties grow vigorously but produce almost no blooms while others have blooms upon nearly every stem. Only by observing them in the garden or in the fields of the growers can you tell anything about traits in this respect. A flower may be perfectly exquisite in the show room but you have no way of knowing how many plants it was necessary to grow in order to cut enough for the display. For garden display the variety that blooms profusely is greatly to be desired.

Freedom from disease is important, though very few roots are likely to be diseased if purchased from the reliable dealers who are truly interested in the business. The Peony suffers from comparatively few diseases, most of which are the result of over-propagation or planting in soil which has previously contained Peonies. This last is most important; never plant a new Peony in the spot where one has been just before. If it is necessary to use the same location, change the soil for an area two feet in diameter and at least two feet deep. Clean cultivation, cutting off and burning of all foliage in the fall, and refraining from over-stimulation will do much toward keeping plants healthy.

In the actual selection of varieties (Continued on page 246)
Southland's Gifts
to the garden

by ETHEL HUTSON

PRONE as we all are to seek the exotic and to value the foreign, many of the loveliest flowers and shrubs and trees native to our own country are neglected in favor of plants from Africa, Asia, Brazil, Japan, or Spain. Yet these exotic plants are frequently killed by sudden cold or long-continued heat, by too much rain or a severe drought. At best they must be nursed and coddled. Not so with most of our native plant material, accustomed to the climate. Would we not enjoy more permanent gardens if we used more of the perennials native to this part of our own country?

True, some of our native plants are very fastidious as to soil and situation. One must supply Rhododendrons and Azaleas with the acid loam they demand, and most of the exquisite native Orchids and Ferns require moisture in continuous supply—but then, so do their foreign cousins; in fact, they are generally even more exacting! It is not difficult to grow Ladieslipper and Coral-root in the same shady moist corner where Maidenhair Ferns flourish; and if you have a bog-garden, Pogonias and Calopogons will blossom in it.
At any rate, "it is much easier to change the soil than to change the climate of one's garden," as Reginald Somers Cocks, late professor of botany at Tulane University of Louisiana, was in the habit of pointing out when he urged the planting in Southern gardens of Crabapples, Dogwood, Hawthorns, Redbud, Star Anise, and scores of other handsome wildwood shrubs.

"Many of these Southern plants, greatly neglected by American gardeners are grown in European gardens," he used to point out. "In England they know as garden material scores of plants which grow wild in our woods—plants which are in many cases disappearing rapidly as the woodlands are cleared by the lumbermen. These, if brought into our Southern gardens, could be preserved for the future."

Some native plants are too shy for cultivation. This is true of some of the loveliest such as the Gerardia with its golden trumpets! Others, though handsome, become nuisances in a garden: the Trumpetcreeper is a gorgeous vine, but he who introduces it into his grounds must expect to spend the rest of his life vainly trying to exterminate it!

But these are the exceptions. There are scores of desirable native plants that have already been added to our gardens, such as Phlox and Aster, Evening-primrose and Columbine, Azalea and Holly, Magnolia and Hydrangea, to select types from various groups at random.

Besides these familiar children of our soil, there are many more not so well known, which deserve just as well of us. Most of those I shall mention are easily obtainable, being listed by nurseriesmen, North or South, or else commonly found in Southern woods and fields. Some are equally common in the North or in the West. A few are rather rare, but so readily propagated that there is no reason why they should not soon become fairly plentiful in the gardens of those who like to have something different. All that is necessary is for them to be better known.

First of all, every garden should have a hedge, and there is no better hedge for the South than the native Yaupon—the small-leaved, evergreen spiny Holly, Ilex vomitoria. It is so used on the Texas coast, in Galveston, for example, where the salt spray is injurious to other hedge-plants. It is far more enduring than the small-leaved, evergreen spineless yaupon—Holly, Ilex virginica. —Ed.)

This native Holly is free from disease, and easy to transplant, blooms early, and with its graceful branches and pretty leaves, is attractive the year round. There is a variety, now frequently planted in some parts of the South, said to have originated in a Georgia nursery, which is much larger and handsomer than the ordinary wild Redbud; and there is also a sport with white blossoms—just as there is a pink Dogwood as well as the ordinary white one (and don't forget the double white, with flowers somewhat resembling Camellias.—Ed.)

Other handsome shrubs for Southern gardens are the Red Maple, the Star Anise (Illicium floridanum) which is a broad-leaved evergreen related to the Magnolia but with smaller flowers of a deep red, and fragrant foliage; the Shadbush (Amelanchier canadensis); and the Snowdrop Tree (Halesia carolina); not to mention the several native Azaleas and Rhododendrons, from Virginia to Florida and Louisiana.

None of the imported Hydrangeas is more comely than the Oak-leaved Hydrangea of our Southern woods; and the Coralbean of the Gulf states (Erythrina herbacea) is far more delicate in appearance than the richer and richer color than the California bushy Erythrina cristagalli of Brazil, known in New Orleans as the Cry-Baby Plant, from the rather shrill whistle-like sounds the small boys often delight in making of the blossoms.

Even the gorgeous Hibiscus of the tropics finds rivals in the several native Rose Mallows of our swamps. Among these North American Mallows the best known are Hibiscus Moscheutos, with large pink blossoms; H. grandiflorus, creamy white with crimson center; and H. coccineus, deep blood-red—a native of Georgia. All these, with the allied Kosteletzya virginica, which bears its smaller rosy-pink blossoms in great profusion in early summer, may be planted in the border with other shrubs, or used effectively against an ugly fence or garage, which they will soon hide with their rapid growth and abundant foliage.

Though their natural haunts are marshy, they will, like the native Swamp Iris, tolerate a certain amount of dryness; but of course the ideal place for all these, and other denizens of the marsh, the swamp, or the moist woods, is behind the pool or water garden. Here many rare woodland beauties will find a congenial home—from the little wild Violets and the sky-blue Camellina, to the tall Snowbell (Styrax grandiflora) or the Fringe Tree (Chionanthus virginica).

Among the desirable native vines are the Yellow or Carolina Jessamine (Gelsemium sempervirens) exquisitely fragrant, and at all seasons beautiful, for its evergreen leaves are almost as striking as its golden bells; the Scarlet Woodbine, our native Honeysuckle (Lonicera sempervirens and its yellow sister (L. flava); Virginia Creeper; and many species of Vitis or Wild Grape, and of Clematis.

These are grown in many gardens, but how much oftener does one find their far less desirable foreign counterparts? Then there are a number of Crinums grown in Southern gardens, but none has so distinguished a look, so exquisite a fragrance, as the native Crinum of the Southern swamps—Crinum americanum. No Southern garden should be without this noble bulb, with its crown of white blossoms with wine-red stamens, and a fragrance that throws Jasmines and Tuberoses into the background. All it asks is a damp spot—the corner where nothing else (Continued on page 247)
Realistic Rockwork

The material determines the construction

by R. MORGAN SMITH

One of the most delightful things about a rock garden is that you can build it in summer when the weather is fine and all the rush of other garden work is over.

Nature's rock gardens are to be found in high altitudes, on storm swept mountain sides, among glaciers and melting snows. There, in rocky ledges and crevices nestle the marvelous little plants known as alpines, thriving happily in their barren and barely accessible environment. We to some degree learn from all this and, in many a garden, slopes and gullies which seemed devoid of possibilities have been transformed into fascinating features, where species unsuited to the regular plant borders find favorable conditions.

No matter how limited your space or seemingly devoid of possibilities and regardless of the location, you can have an example of this "most different" type of garden. Some of the most attractive rock gardens have been made in small nooks and corners.

Whether you live in California, Florida, Maine, or Illinois, the general rules are the same, and it is not unusual to have a rock garden without the use of any true alpines at all!

Tufa was used in the small garden against a garage. Only weeks old when the picture was taken, yet it has an established look. The picture of the stratified rock garden (below) was taken but a few months after it was built.

The difficult problem to many is the acquisition of rock material. While stones of various kinds are found in nearly every part of the country, there are places where their absence may present a real obstacle.

The more porous the stone, the more moisture will be retained in reserve, during dry periods. Tufa, hard sandstone, and rock which has become honeycombed through weathering, are excellent types for our purpose. Granite serves very well in a partially shaded location. Some types, such as soft sandstone, are liable to crumble, and are not very good for rock work where permanency is desired. Oolitic (Bedford stone) limestone, while porous, is uninteresting.

Where rock is difficult to obtain, clinkers dipped in thin cement have been used very cleverly. They make an effect resembling tufa, and large ones are obtained by cementing together small pieces.

The most desirable material is stratified limestone. It can be obtained in varying thicknesses from an inch to several feet, thus filling every requirement. Stratified weathered limestone which has its edges grooved (Continued on page 244)
The original of this unusual drop leaf light stand or sewing table was made in the Eighteenth Century. It is Conant-Ball piece Number 368 LS.

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Today there is a great demand and appreciation for the true Early American design in furniture. Every home to be really correct should have at least one room reminiscent of America's early struggles. Colonial furniture built by Conant-Ball is authentic in every detail, being carefully reproduced from originals found in early New England homes, museums and private collections. In its beautiful finish and soft mellow color it adds a richness and charm to every setting. Illustrated above is a modern bedroom furnished with Conant-Ball Colonial pieces. Your dealer will be glad to show them to you.

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76 Sudbury St., Boston, Mass.
I wish everyone might plan a little garden like the one which has given me so much pleasure for several years. If an entire garden, such as my plot, could not be devoted to one season of the year, then just try one bed or border to combine the lovely things I shall name.

Late in May and early in June, before the great burst of summer bloom arrives, nearly always there are scattered diffusely here and there through the borders a number of nice flowering plants, singly or in groups. Now, if these are transplanted into masses a very effective display of flowers can easily be had. Such a spot in my place I call the Lupine garden, because there grow all the lovely shades of Lupines sending up from six to a dozen stalks of bloom from each plant. The tall spikes, blue, lavender, pink or creamy white add much beauty to any planting.

The Lupines are planted about four feet apart right down the center of the three-foot beds. Next we have a good group of Sweet Rocket in each section of the central beds. This adds an airy grace to the whole and has a long period of bloom. It is also excellent for cutting. It is usually white, but there is a pale pinkish lavender and also a deeper lavender, not objectionable though the white variety is best.

The yellow Daylilies (Hemerocallis flava) which bloom at this time are a delightful addition to this garden and give diversity of form so essential to a good planting. We have several groups of these, as may be seen (Continued on page 243)
before you decide the question of hardwood floors, write for your copy of this helpful brochure

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AND BRASS Can't Rust
You may think your soil is all wrong, but that's easy to alter

by THEODORE LINDQUIST

Why do we not have more of these cheering trees, large and small, about our homes? Likely enough that the average amateur says he finds them a little hard to grow. Not a few evergreens die soon after being planted while many of those that do grow linger along in a more or less sickly sort of fashion. That is not any inherent fault of the plants, but rather of the planter!

Let us begin this talk with the matter of soil. The native home of most evergreens is a light sandy soil. "But," says my amateur friend, "the soil around my home is heavy clay." "Well then, you have excellent soil for Roses, but not for evergreens. But this does not mean that you must exclude evergreens from your planting scheme. Far from it. It does mean, though, that you must mix sand or fine gravel with your heavy soil for quite a distance around your growing evergreens. This will be neither as expensive nor as bothersome as may at first be imagined. If the hole is dug twice the size that would otherwise be necessary, and the extra soil that is placed in the bottom and around the tree be a half and half mixture of the original soil and sand or fine gravel, you can get satisfactory results. A truck load of sand or fine gravel, about two and one half cubic yards, will be sufficient for planting five or six trees three feet tall; and for more of course if the plants are smaller. Any sand or fine gravel will do perfectly well—it is unnecessary to use expensive sharp builder's sand. While the usual good garden soil will give fair results the evergreens will be ever so much better if this soil is also made more friable by the addition of sand or fine gravel. It is only sense, is it not, to pay fifty cents to a dollar to provide proper growing conditions for a tree which has cost quite a few dollars? The old saying may be appreciated here: "It is better to plant a fifty cent bush in a five dollar hole than to plant a five dollar bush in a fifty cent hole."

An expert tree mover holds that there are four requirements for the successful transplanting of a tree: the tree, a place to plant the tree, the proper implements, and the inclination to carry out the job. That may be sufficient (Continued on page 245)
LONG ISLAND says
TUTTLE & BAILEY for smart RADIATOR CONCEALMENT

In fashionable suburban houses, radiators are never in fashion.

On Long Island and Lake Shore Drive... as on Park Avenue... they may be tolerated only in well fitting, tailor made cloaks.

Most often the tailoring firm is Tuttle & Bailey, as here in the Manhasset home of Mr. A. Kottmiller. How successfully the chosen design suits this fine interior!

With these smart cabinets your radiators sink into the decoration of the rooms in which they stand. Their heat-flow is directed scientifically—not upward to mar the walls. And a hidden humidifying pan provides the moisture necessary to human health, and to the life of fine furnishings.

They are formed in heavy, Super-forged furniture steel and finished in delicate colors, or hand-stained by a costly process to match exquisite natural woods.

2 standard variations... or special designs on order. Be assured that nothing but your complete satisfaction will be satisfying to Tuttle & Bailey.

ESTABLISHED 1846

TUTTLE & BAILEY MANUFACTURING CO., Inc.
135 East 46th St., New York City (Offices in Boston, Chicago, Kansas City, Los Angeles)

Please send booklet “New Artistry in Radiator Concealment”

NAME

ADDRESS

Smokeless, double-heating
HEATILATOR FIREPLACES
cost only $15 to $25 extra!

Sketch by Carl A. Ziegler, Philadelphia, member of A.I.A. One of a series by America’s foremost authorities.

Mr. Ziegler says:

“Everything good in architecture has a basis of utility. The Heatilator adds to the utility of a fireplace, by circulating that heat which is otherwise wasted and by assuring the proper proportions and construction which alone can eliminate the annoyance of smoke. Now that the Heatilator has established itself as a basic means of improvement in fireplace construction, I think it should be generally used.

“A fireplace always becomes the center of family life. It is more a factor of enjoyment than a mere piece of furniture. Regardless of cost, it should be good. One of the things I especially like about the Heatilator is that it adds very little to the cost because it replaces parts and construction that would be needed if the Heatilator were not used. In my Pennsylvania Dutch fireplace I have put the intakes and outlets at the sides, behind special grilles that accord with the design.”

The Heatilator is a novel term around which the fireplace masonry is built. Rims complete with doors are designed to fit in any range of sizes. Smokeless operation is guaranteed. The double-walled chamber which surrounds the fire takes the heat ordinarily wasted up the chimney and sends it back into the room. Arrows show openings for cold and warm air respectively which are connected with intake and outlet grilles placed to conform with any fireplace design.

When you buy, build or rent, be sure of having a Heatilator fireplace. Mail coupon for complete information.

The Heatilator Company
Syracuse, N.Y.
In period homes

PLANK FLOORS
Lend Authentic Charm
Combining Beauty, Durability and Economy

WHAT is more characteristic of Early American homes than their sturdy plank floors ... in uneven widths and lengths? Reminiscent of days when the size of a plank was determined by the tree from which it was hewn, random width floors lend authentic charm to period homes of today.

"UPLYCO" plank floors, of three ply hardwood construction, afford maximum beauty, durability and economy. Uniform in thickness ... accurately tongued and grooved on edges and ends, they effect an important saving in time and labor cost.

Ask your local dealer, or send direct, for full information on "UPLYCO" plank floors.

*PARQUET FLOORING: "UPLYCO" Parquet flooring is furnished in continuous six foot lengths, reducing installation cost 60%. We offer eight standard parquet designs. Send for complete information.

STRIIP PLANK FLOORS: New floors may be laid in one day with "UPLYCO" pre-finished Strip Plank flooring, in standard 8' lengths and 6" widths.

UNITED PLYWOOD SALES CORP.
Main Office ..., New Albany, Ind., Address inquiries to Flooring Division, Portsmouth, O.

* EIGHT STANDARD PARQUET DESIGNS *

Overture to Lohengrin
Continued from page 191

And then there are four tea cloths, beauties: a round one with filet lace around the edge and little round napkins; a square one of one ply grass cloth, beautifully embroidered, a third with checkerboard squares of beautiful lace set all over the face of the cloth; and a fourth, a French nus, with embroidered grapes and vines festooning the edges.

Besides these there are two Italian linen luncheon cloths in natural color; one an all-over cloth of Italian linen embroidered in the conventional style, and the other a narrow runner with accompanying place mats; one luncheon cloth of blue and white check, linen called "Alice in Wonderland" accompanied by small napkins called "luphies;" one handsome drawstring cloth in white; and the inevitable filet runner and place mats with the tiniest centers of linen surrounded with filet and napkins of linen with initialed filet corners.

Some tray cloths and a half dozen bridge sets of handkerchiefs amusingly appliquéd (they'll make dress-up breakfast cloths, too), some new small size linen handkerchiefs of "finger tip towels," and some linen guest towels completed my supply.

June 4. Jack is having more trouble, trying to figure out what to buy for his ubers and best man than I've buying furniture and things for the whole house. I settled that problem for myself long ago. Traveling beauty kits of half green leather are beautifully equipped with cold cream, tincture cream, astringents, powder, rouge, lipstick, and the like, by a famous beauty expert are something to make the girls' eyes pop out.

Jack just called me and said in the most relieved tone of voice that he'd bought cuff links! Now if that isn't the most unoriginal thought! And he's practically spruized a brain over it. June 5. It's like another Christmas. Better, though, for I don't have to wait to unwrap the packages that are coming in. Weddings, said the bride, simply gloating over the lot, are loads of fun. I couldn't tell without looking at the cards exactly the things of the things. For instance, I know Aunt Mary would send something useful. And she did—oven ware, but and a grand kind. Her letter tells all: "Alicia, the covers of these three different sized baking dishes are an inch deep (I could see that). You can use them as separate baking dishes or you can use them to set the baking dish on which you put on the table so it won't spoil the finish of your table."

And Ellen and John sent the loveliest Spode plate. I've loved theirs for ages. Rosebuds in an old-fashioned chintz design. Just the word Spode to me has always conjured up beauty and elegance and refinement. And this is one of the loveliest patterns I've ever seen.

Then Jim Weatherbee, the dashing old bachelor with gobs of money, sent stemmed crystal beverage glasses. Little hollow bubbles underneath the glass hold blown glass flowers in colors of one different. And he has attached cards to each glass with the names of the dogs in his kennels to the diamond shapes. Little figures are supposed to represent.
June 11. First rehearsal tonight. Dad was more nervous than any one else because I insisted on taking part in my own rehearsal. This idea of having an understudy perform for you never did seem right, even if one does laugh in superstition’s face.

June 18. The book is full. My wedding dress fits. The girls are satisfied with their organizes. My soft silk traveling suit hangs in the closet. My bags are packed. The car has undergone several minor operations. Thank-you notes are written. The wedding cake is being baked. The boxes ready to be filled. The caterer is beginning to put up the platform in the garden for reception refreshments. The weather man promises a fair day, day after tomorrow, Jack’s wedding gift, a diamond wristwatch, is running steadily in spite of the fact that I have dropped it twice in my excitement. Mom, the jigger and crying around in corners. The church is being decorated. The telephone rings constantly. Master John Holcomb, who was to have the ring bearer has succumbed to an attack of German measles and his deadly rival, James Herbert, will serve in his stead. To-day the luncheon for the bridesmaids. To-night Jack’s bachelor dinner. Tomorrow night the final rehearsal and the bridal dinner—and the next day at four o’clock will see the last of Alicia Ainsworth and the beginning of Mrs. John Edward Cunningham!

KEY TO ILLUSTRATIONS ON PAGES 190 AND 191

Fig. I—Flea ware and steak set; Hunt Club pattern (The Gorham Co.); Palladian double vegetable dishes; Orchid pattern (International Silver Co.); Universal electric sandwich grill (N. Y. Edison Co.).

Fig. II—Nest of Wagner Ware skillets; (Lewis & Conger); Electric waffle iron (Sunbeam Wallawich) (N. Y. Edison Co.); Pot holders, pudding molds, pottery set, spatula, pancake turner, slotted beater, pudding molds (R. H. Macy & Co.).

Fig. III—Spode tea set, Rosebud pattern (John Wannamaker); Wedgewood coffee service, Queensware (Orange Bros.).

Fig. IV—Topaz luncheon set (Forsoria Glass Co.); (R. H. Macy & Co.); Crystal glasses, Chintz pattern (A. H. Heisey & Co.) (R. H. Macy & Co.); Goblets with dog blown in bubble (Rose Cumming).

Fig. V—Comfortable (Palmer Bros. Co.); Bath towels, Backgammon and Canterbury bell patterns (Cannon Mills); Bath towels, Fleet pattern (Martex Towel Mills); Damask tablecloth, Snowflake and Sunshine pattern (Kean, Watson & Meder); Tablecloth and napkins, Alice in Wonderland pattern, and Italian napkins and five runners (R. H. Macy & Co.); Linen and filet patterns, and fingertip towels (James McCutcheon & Co.).

Fig. VI—Mary Ann measuring cups, spice box set, table can opener, knife sharpener, ice box cookie molds (R. H. Macy & Co.); Vegetable steamer, gravy ladle, crock, spittoon, cake pan, pie plate, pie plates, and table knives, and table knives in wicker boxes (R. H. Macy & Co.); Universal electric table stove (N. Y. Edison Co.).
Each Whittall Rug Completes a Picture

"If these rooms are examples of what you mean," answered Sally admiringly, "I quite agree with you. I'm beginning to believe... that you've turned into an interior decorator."

"Me?" laughed Margaret. "Don't be silly... why I don't know a thing about decorating."

"Then please explain," demanded Sally. "Of course I had seen your beautiful Sheraton desk and chair before you married, but whatever have you done to make this living room look so distinguished? Why... I've never seen a room with so much individuality... and the colors make a perfect background for you, too."

"That's due to the Whitall Anglo Persian Rug that Mother and Dad gave us for a wedding present," answered Margaret. "When we saw how its charming colors and antique Persian pattern brought out the beauty of our mahogany... we decided then and there to select the Whittall rug that would blend the best with our furniture in each and every room. Now look in the dining room. Doesn't that Whitall hstre rug which we chose especially, flatter the charms of our maple table and chairs?"

"I'm beginning to believe that you let Whitall rugs do your decorating for you," smiled Sally.

"You might better say... a careful selection of them," answered Margaret. "Of course I might have used an Anglo Persian for the dining room, too, but as an expression of individuality, I thought a hstre finished Whitall Anglo Rama- dan... in cheerful colors would be the best. Isn't it beautiful?"

"So beautiful... that I want to ask your advice," said Sally. "I have a Queen Anne table that needs a very colorful rug... also a few early American pieces that should have something just right too. I've been afraid to go out and buy just any rugs."

"You are quite right," replied Margaret. "Whittall rugs are made especially for cases such as yours. They come in such a wide range of patterns and textures that I can safely say you will find just the rugs to correctly harmonize and blend with any kind of wood... or period of furniture."

"I don't suppose there's any time like the present," mused Sally. "No! there isn't," continued Margaret. "And besides I can't attempt to tell you, here, what a variety of rugs Whitall really makes."

"If you could only go with me and give me the benefit of your expert advice," answered Sally invitingly. "Of course I'm going with you," said Margaret. "Do you think I'd miss the chance of seeing you buy your first Whitall rug?"

"Surely will soak those Whitall rugs are sturdily woven from the finest of imported wools... and are as nearly everlasting in beauty as mortal rugs can be. Offered for her selection will be Whitall rugs in the famous Anglo Persian quality and in Anglo Assyrian or Anglo Raman... line hstre finish Oriental reproductions. She will decide on Whitall rugs... because they can always be counted on to provide a perfect background for a favorite decorative scheme... and for any period or type of wood. A Whitall rug is more than an inspiration to the home decorator. It completes a picture that endures.

Note: This is the third story of a series about Margaret... her new home... and her rugs.

WHITTALL RUGS
M. J. WHITTALL ASSOCIATES, LTD., WORCESTER, MASS.
ORIGINATORS OF THE FAMOUS ANGLO PERSIAN QUALITY

That never expected extra
Continued from page 195
water used during construction. We decided we wanted the electric light and telephone wires brought in under ground to avoid unsightly wiring. Then the house had to be protected by an increasing amount of fire insurance as construction progressed. Fire insurance premiums were settled for a year or two in advance as each additional amount was added so that the next premiums will not come due for some time. Here is what these expenses amounted to:

Water connection and supply ........................................... $50.00
Gas and electric connections .......................... 17.50
Subsidiary electric and telephone wires .......... 90.00
Fire Insurance premiums ........................................... 72.49

Total $210.08

In justice to our architect I must say that he pointed out that with the exception of blasting rock out of the excavation, the exact cost of which could not be estimated, there were no extras in the actual construction of the house other than those which we knew to be necessary to ourselves. We had been warned of the possibility of striking rock and it was understood the contractor would be allowed a substantial extra charge per cubic yard for the excavation of rock. However, the amount of rock was a surprise to all of us. Only about two feet below an innocent looking layer of top soil the contractors recovered a solid bed of rock covering practically the entire area to be excavated. Blasting and drilling operations reverberated in the vicinity of our future home for three or four weeks. When all was finished and we could look down in an excavation that resembled a quarry, the contractor presented a bill for our handsomest single extra.

Then during construction the landscape architect convinced us of the advisability of enlarging the flagstone terrace off the living room with rock covering about two feet below an innocent looking layer of top soil.

Note: This is the third story of a series about

The American Home

(Continued on page 202)
Where Do Your Kitchen Odors Go?

OCTAS fumes, smoke and disagreeable odors are enemies of health and happiness. Banish them with the Victor Clean-Air Ventilator—a convenience that every modern home should have. Moves over 800 cu. ft. of air a minute—its any ordinary window—no radio interference from motor. Pays for itself in savings on cleaning bills alone. Ask your electric dealer for a free trial demonstration in your own home or write for our free booklet, "Home Ventilation,"—mail a postcard today!

THE CINCINNATI VICTOR CO.
725 Reading Road Cincinnati, Ohio

You Need
This Protection

If your home is located in a suburban or rural community, the safe disposal of sewage is a most important problem. You cannot afford to endanger your family's health or to risk the expensive repairs caused by inadequate disposal. A septic tank alone is not a sewage disposal system. Only by combining an approved septic tank with correct drainage will you get the protection you need. Be safe. Insist on San-Equip—the complete 'Certified Sewage Disposal System.'

It costs no more than you may pay for cheaply-built equipment.
Send the coupon today for complete information.

San-Equip Inc. 716 East Brighton Ave., Syracuse, N. Y.

A Cool Haven
at Little Cost

At small expense you can convert your porch into a haven of summer comfort. On living, sleeping and sun porches, Aerolux Ventilating Shades shut out sun-glare and heat, prevent against wind and rain yet permit perfect ventilation. They admit soft, cool light, promoting rest and relaxation in pleasant privacy—providing a safe, healthful place for children to play or baby to sleep. Weatherproofed in solid tones or colored stripes. Standard sizes fit most porches. Sold by better department and furniture stores.

Send for "Better Porch" look of attractive useful porches.

THE AERO SHADE COMPANY
3116 Oakland Ave., Waukesha, Wis.

One-Piece Water Closet

T/N proves toilets don't need to be ugly! Comes in white or color in one piece of vitreous china, tank and bowl combined. Unusually quiet and compact, T/N is also non-over-flowing. Ask your plumber or mail coupon today!
We consider each one of these new devices both practical and of good value. When ordering, please send check or money order direct to the firm mentioned below. For any information on other devices, write Diana North.

A WATERPROOF shield for milk made of especially prepared paper containing asbestos. Will keep milk from souring from the summer sun, and in winter from freezing. Easily washed. For use on doorsteps or where there is no built-in container. A sanitary protector against dust, flies, and stray animals. 10 cents prepaid. Kurtz Brothers, 1369 North Branch Street, Chicago.

The green enameled tin box with the slit in bottom keeps waxed paper and can be fastened to the under ledge of the kitchen table for convenience. Price $1.00 for cabinet and roll of paper. Refills 25 cents. Lewis & Conger, 78 West 45th Street, New York.

THE CASCO Portable Vacuum Freezer (left) will make two quarts of delicious ice cream in one hour, without turning or cranking. Ideal for picnics, motor trips, etc. Also useful as portable refrigerator. Comes enameled in three shades of green. Prices $4.00 in the Eastern states; $5.50 Chicago to the Rockies; $6.00 west of the Rockies. S. M. Schrieber, 200 West 34th Street, New York.

THE Garden Incinerator illustrated is particularly ideal for those who have no incinerator built in their houses. It is made of heavy rustproof aluminum fused metal and will last many years. It lights at the top, burns downward, and requires no fuel. The family size holds 1s bushels and weighs 60 pounds. It will solve the garbage problem for you, as it is a thoroughly practical device and priced at only $12.50 F.O.B. factory. A larger size which holds six bushels and weighs 175 pounds costs $18.00. The Malleable Steel Range Company, South Bend, Indiana.

THE new Duette dry cleaning machine (right) holds five gallons, a larger capacity than the older model and is obtainable at a cheaper price. A locking device holds the machine upright for putting in or removing articles. Dry cleans dresses, gloves, felt hats, etc., in from three to five minutes. Cleaner with one gallon of fluid costs $9.45 prepaid within 100 miles. Lewis & Conger, 78 West 45th Street, New York City, New York.
Keep Cool This Summer

Enclose your porch with COOLMOR Porch Shades and you will have an ideal out-of-door living room secluded and comfortable, with every breeze circulating through the COOLMOR alternate wide and narrow slat weave. Though moderate in price, COOLMOR Porch Shades are made to last and retain their appearance for years. Write us for the name of store selling them in your city.

RAYMOND PORCH SHADE CO.
1041 McKey Blvd., Janesville, Wisconsin

COOLMOR PORCH SHADES

D O N ' T W A I T 1 0 0 Y E A R S

Now you can have that charming weathered effect of old wood shingles on the very day your roof goes up. You have your choice of practically any shade from a delightful mossy green-black to the beautiful colors of autumn leaves. And Ambler Asbestos Shingles are most economical, — they never require painting, staining or even repairs. Their specially developed asbestos-cement construction actually makes them grow harder and tougher with the passing years, — in fact they will outlast your house itself.

AMBLER ASBESTOS SHINGLE & SHEATHING CO.
AMBLER, PENNA.

F I R E P R O O F

AMBLER
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BELIEVE IT OR NOT ———— By Ripley

HARVEY D. GEYER
of Dayton, Ohio
REMOVES FROZEN ICE CUBES FROM A TRAY INSTANTLY
WITHOUT MELTING OR POUNDING USING HIS FINGERS ONLY!

EXPLANATION OF RIPLEY'S CARTOON BELOW

ICE TRAYS GO MODERN

Removing ice cubes is no longer a fussy, messy job. A slight pressure "pops" them out of the new flexible rubber freezing trays—one, two, or a trayful,—instantly from tray to glass.

AS CONVENIENT AS A SELF STARTER

Finger tip pressure ejects the cubes—no longer is it necessary to melt cubes into the sink—no need to pound them out and ruin trays and temper.

THEY'RE ECONOMICAL, TOO

Take out only what you need...save the rest. The cubes are not partially melted...they are colder, larger, dry, clean and sharp-edged. You actually use fewer cubes.

NOW USED BY ALL LEADING MANUFACTURERS

Flexible rubber ice trays are now supplied by all leading automatic refrigerator makers—and these trays are enthusiastically endorsed by household economists.

MAKE YOUR REFRIGERATOR MODERN

An inexpensive flexible rubber ice tray is made to fit every automatic refrigerator—the Quickube Tray for Frigidaire—the DuFlex for General Electric—and the Flexotray for Westinghouse, Kelvinator, Leonard, Electrolux, Servel, Copeland, Universal and others. See your refrigerator dealer or write us direct.

THE INLAND MANUFACTURING COMPANY
Department O, DAYTON, OHIO

FLEXO TRAY
ICE CUBES THE MODERN WAY
Millionaires can afford to skip this page

But... all of us who are less fortunate should be glad to learn from the letter below how the modern housewife can save money and yet have just as beautiful and lasting wall coverings as are found in her town's most costly mansion.

"After our wedding John and I resolved to keep a record of household expenses and the other evening we were going over our expenditures. We were horrified to find so much under 'Repairs.' After recalling the particulars about the various items, we came to the logical conclusion that if we were to save money, from now on, we had better get only materials which were going to last. It happened that the first example of our money-saving campaign involved your product, Waltile,—recommended by one of our neighbors. I enclose a photograph of our first room in Waltile,—our laundry (we have since used it in other rooms). We're simply delighted with it, and wear and tear get only materials which were going to last. It happened that the first example of our money-saving campaign involved your product, Waltile,—recommended by one of our neighbors. I enclose a photograph of our first room in Waltile,—our laundry (we have since used it in other rooms). 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You will experience the same satisfaction and the same saving with Waltile. Waltile comes in sheets 32" x 48", is fireproof, with a surface as smooth and hard as marble, ideally sanitary and easy to clean. All of the charming colors are fadeproof and stainproof. No painting, no repairs, and the whole job as shown above for about $75. Send the coupon below to get the whole story!

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Capezio Cast Iron Concealed Radiators
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Cawdell Radiator Air Valves
The Bohart Radiator Co. 513
Radiator Heat
American Radiator Co. 617
ComforTron & Cleanness of Ideal Gas Boilers
Crawford Radiator Co. 618
The Dorothy-Brown HUDS 

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Blue Square Cased Boilers for Steam
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Hot Water & Vapor Systems
Richardson of Baytown Co. 159
House Ventilation
Cincinnati Victor Co. 704
Mr. Edmond Ports an Oil Burner
Electric Co. (Mail Burners) 105

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Beauty in Brick
Fischer Bros. Clay Co. 681
Log Cabins Up to Days
Pickering, Carpenter & Clark 612
Picking Ambler Asbestos Shirings
Western Pine Mfg. Co. 533
Moderate Cost for the Reasonable Southern Cypress Mfg. Co. 551

House Wiring Installation

Home of a Hundred Compliments General Electric Co. 300

Installing Materials

The Building Book
Samuel Cabot, Inc. 415
The Quilt Book
Samuel Cabot, Inc. 397

HELPFUL BOOKLETS

ARE YOU faced with some problem in constructing, remodeling, furnishing, or equipping your home? There are many helpful ideas and suggestions contained in the literature of reputable manufacturers.

Read the advertisements in this issue carefully and request literature direct from the advertiser wherever possible. Then, if you do not find what you are looking for, scan this list.

The American Home acts as a clearing house between reader and manufacturer. You can order the booklets you wish on the coupon at the bottom of page 229. We will forward your name and address to the manufacturers involved, and they will send their literature direct to you.

—HEARTHTONE EDITOR.

AMERICAN HOME—The Ultimate House Magazine.
Mt. Vernon Goes Abroad

"Here I am, folks, 3000 miles from home and my twin on the Potomac. At the Palace of Versailles!"

"Everyone says I'm one of the most interesting exhibits here— and a pure example of American Architecture. But I take their admiration as a real compliment because some of these exhibition buildings must have cost millions."

"Part of my appeal is probably due to the fact that I'm the "twin brother" of George Washington's home and also that one of my bedrooms was occupied more than 150 years ago by that great French soldier, the Marquis de Lafayette."

"That was completed, inside and out, a reproduction of our historic home Mt. Vernon. At the Paris World's Fair—or as they say over here, "Coloniale Internationale Exposition de Paris."

"I beg your pardon. I meant to say that one of the bedrooms in Mt. Vernon on the Potomac was occupied by him. This being a twin is very confusing."

"But what has really set tongues to wagging about me was the amazing speed of my construction. Believe it or not, but in less than 10 days from the time the United States Government awarded the building contract to Sears-Roebuck, most of my materials were on their way to France and just 73 days later I was completed, inside and out, a reproduction of our historic American shrine. A monument to the French, who take many of our ideas and make them their own."

"I had no idea Sears built such fine homes!"

"He nev'rais aucune idée Sears construit des si belles maisons, which is the French way of saying."

"I had no idea Sears built such fine homes!"

Read this illustrated story of how families in every walk of life have discovered a better and simpler way to own their ideal homes.

For my information only, will you please state briefly, the plans you have in mind which lead to your request for booklets.

Be sure that you have first looked through the advertising pages and requested booklets direct from the advertiser wherever possible.

HEARTSTONE EDITOR

HEARTSTONE EDITOR, THE AMERICAN HOME, GARDEN CITY, N. Y.

1. I am planning to

2. Please send (at no expense to me) the following booklets.

   Insert numbers from list.

Name:

P. O. Address:

City: State: JUNE 1

Sears, Roebuck and Co., Home Construction Division

Dept. 864A, Chicago, Ill.

At no cost or obligation, send me a copy of your new booklet. I can use a copy of which I paid  for and want a home with rooms and baths that I can own for 

Name:

Address:

City:

State:

Telephone:

This beautful booklet contains photographic illustrations of many of America's best designed homes built during the past year. It is brim full of alluring ideas and suggestions, with pictures of simple cottages, two story English, Norman and Colonial designs, and many other types. It explains all details of Sears remarkable home building and financing offer.

If you own a well located home site, or can buy one, and can make a reasonable down payment, Sears will plan your home (or take your architect's plans), build it complete, and assure your satisfaction with a 200 million dollar guarantee of serviceability and quality on all materials, equipment and workmanship.

If you live east of the Mississippi and north of the Ohio mail the coupon and learn how you may own your ideal home on monthly payments regulated to fit your income.
When wedding bells ring out

Continued from page 208

over-elaborate arrangements are not considered smart nowadays, and beautiful simplicity should reign.

If the bridal reception is too large for a "sitting" breakfast or supper, the usual buffet is served with larger amounts of food, and with plenty of both hot and cold dishes, as well as sandwiches, soups, salads, cold meats, vegetables, fruit, and desserts. Fiction the following menus would be plentiful and appetizing:

Canapés of various sorts—caviar, lobster, crabmeat, shrimp, cheese, olives, and boiled bollouf if the day is hot, or clear hot consommé if you prefer. Platters of cold sliced chicken, ham, bacon, and turkey, served with French dressings, and jellied tongue, with vegetable salads to accompany them, and plenty of small hot, buttered rolls always at hand. There should be a great variety and a never-ending supply of dainty sandwiches since they are usually the most acceptable form of food at a reception, and many people will prefer them to rolls. The sandwiches may include pâté de foie gras, lobster and celery with mayonnaise, cream cheese and anchovy, cream cheese and nuts, cucumber, ham, puree, watercress, caviar, olive and nut, sardine, smoked salmon, and, if you wish still heartier fillings, sliced chicken, ham, turkey, capon, etc.

There will be great bowls of crisp, chilled salads which may include chicken, lobster, crabmeat, and a delicate vegetable salad, mixed with French dressing, and served with the cold meats. There are also fruit salads which are delicious and specially appetizing on a hot day. For hot dishes croquettes and lobster or crabmeat Newburg hold first place, followed by chicken à la king, and sweet potato soufflé, served with thin slices of melt-in-your-mouth Southern ham.

A punch bowl may stand in the hall, and another in the dining room, each under the special care of a waitress who will see that ice cubes keep chilled some delicious frothy concoction which will disappear with astonishing rapidity, and must constantly be replaced. It is essential to the success of the party to be sure that the supply never runs dry or gets temporarily weakened by the melting of the ice. Glasses, too, must be constantly replaced with fresh ones.

For a wedding breakfast where the guests are seated, the following menu may be suggestive:

Canapés canapés, served on strips of hot toast.

Hot chicken bouillon, or clear con-
When wedding bells ring out

wiped dry on a towel, and cut into small pieces. The salad may then be dressed with curled stalks of celery and watercress, with olives arranged in it.

* Crab Meat Salad

2 teaspoonfuls granulated gelatine
1 cupful chicken stock
1 tablespoonful tarragon vinegar
1 cupful grapefruit pulp
1 cupful canned pineapple cut into small cubes
1 cupful crab meat

Soak gelatine in chicken stock five minutes, dissolve over hot water, and add vinegar. Add slowly to mayonnaise dressing, beating thoroughly. Mix fruit and crab meat and add to first mixture. Pack in oiled timbale moulds and chill. Remove from moulds and arrange in nests of lettuce leaves. Grapefruit juice may be used in place of chicken stock.

* Chicken Salad

Cut cold boiled fowl into one half inch cubes, and marinate with French dressing. Add an equal quantity of cucumber, season with tarragon vinegar and watercress, with olives arranged in it. (Courtesy, The Reid Ice Cream Co.)

...and cucumber, season with tarragon vinegar and watercress, with olives arranged in it. (Courtesy, The Reid Ice Cream Co.)

The Best Possible House

For the Money

The houses shown above are a part of the new Rockefeller development in East Cleveland, where every effort was made to build the best possible houses for $20,000 apiece. They were designed and constructed by experts whose job it was to find the most economical first class materials. On a large number of these houses, where wood siding was used, Cabot's Creosote Shingle and Wood Stains were specified.

Cabot's Stains are 50% cheaper than good paint, yet their colors are deeper, richer and more lasting than paint, they are a thorough wood preservative, and extremely wholesome and sanitary.

Cabot's Stains are made by the patented Collopaking Process, which reduces the colors to such fineness that they act like dyes, becoming a part of the wood itself. Use them on all exterior wood surfaces—roof, clapboards, rough or smooth boarding. There is a range of twenty-three beautiful standard shades.

For quick action use the coupon below. It will bring you our Stain Booklet with Color Card and any special information you ask for under your name.

Cabot's
Creosote Shingle and Wood Stains

Use this Coupon

Gentlemen: Please send me Stain Literature and Color Card

Andrew J. Thomas, New York City. Cabot's Creosote Shingle and Wood Stains were used on the sidings of many of the eighty-one houses.
An American home of Bermuda inspiration

Continued from page 202

The basement plan of the Peabody, in Boston, shows two typical water systems above all other modern conveniences.

A complete line in the world. Send to any jobber for samples. A well lighted, well equipped, handy for papers and magazines as well as ornamental. Equipped with Dutch. This is a spacious artistic letter box that is truly distinctive. The design a Tudor.

Mail Coupon


Mail to PATENT NOVELTY Co., Inc., 215 8th Ave., Fulton, N. Y.

GET RID OF SPARROWS

Here is a spacious artistic letter box that is truly distinctive. The design a Tudor. Wrought iron scroll work is handy for papers and magazines as well as ornamental. Equipped with Dutch. This is a spacious artistic letter box that is truly distinctive. The design a Tudor.

TUDOR

Mailtainer

Here is a spacious artistic letter box that is truly distinctive. The design a Tudor. Wrought iron scroll work is handy for papers and magazines as well as ornamental. Equipped with Dutch. This is a spacious artistic letter box that is truly distinctive. The design a Tudor.

MAIL COUPON

Enclosed find $1.50 for which please send me postpaid one TUDOR Mailtainer. Finish.

NAME.

Address.

City.

Mail to PATENT NOVELTY CO., Inc., 215 8th Ave., Fulton, N. Y.

GET RID OF SPARROWS

Write Doubleday, Doran & Company, Inc., Garden City, Long Island, for a list of their

NATURE BOOKS

Modern Home a wonderful book. its list of choice Animals and Chap books. Also books and photos with all dimensions and prices. This book is a wonderful book. It has a map of the world's forests, a map of the world's forests, and a map of the world's forests.

FREDERICK H. GOWING

Architect

101 Tremont St., Boston, Mass.
Can we control the Sex of our babies?

What would not kings have given for the secret? What would not a mother give for the power to determine the sex of her future child? When did Man learn to walk upright? Why may the mysterious "X body" determine a baby's sex before birth? How may a moth locate his mate a mile away? Where is the "private secretary" of the brain? When is the eagle a reptile? Where does the female skeleton threaten to stop all further human evolution?

In Four Epoch-Making Volumes

Over Wells' pages walk lizard-like, forty-ton monsters. Dodging fearfully beneath their feet run tiny creatures destined to outlive the freak monsters they fear and to become the ancestors of nearly all modern animals, including man himself.

Today Science is discovering laws that may decide (while the human cell is still a pinhead in size) whether it is to produce a boy or a girl. How this power is at last yielding some of its secrets to the probing searchlight of modern science has just been told by H. G. Wells, in his new companion-work to the "Outline of History,"—THE SCIENCE OF LIFE!

First Edition Has Just Been Released

Intro "The Science of Life" Wells has put the romantic story of all things living. Here, in unforgettable chapters are the riddles of life that have puzzled most of the world's peoples—solved in a way that all people will enjoy and understand.

Some of these amazing findings of Science may startle—outrage long-cherished ideas. But you will be enlightened and stimulated. For you will learn, as only Wells can tell you, on, how and why the story of Man in the "Outline of History," now forms the story of Life itself in "The Science of Life!"

At last the fates of scientists, discoverers, and producers have been brought together. For the first time ever, in one magnificent volume, H. G. Wells has brought together the entire course of history as it relates to the story of the development of the human race.

In Four Epoch-Making Volumes

The First Edition of "The Science of Life" has just been released. Prompt action is necessary to obtain a copy of this Edition for a five days' free examination.

In Ex-King Alfred's Chair 500 Years Old?

This beautiful chair has been preserved in its family since the days when Alfred was king. It is a double throne with a back and a footstool. The design is in the round, with a large eagle and other figures. The chair is in excellent condition and is a valuable possession.

H. G. Wells (who has always been interested in biology) studied at Royal College of Science under the great Thomas Huxley—took his degree of Bachelor of Science at London University—taught biology for five years. His two collaborators were Julian Huxley, grandson of Thomas Huxley, and G. P. Wells, his own son. Mr. Huxley occupied the Chair of Zoology, King's College, and holds the Fullersian Chair of Physiology at The Royal Institution. G. P. Wells took First Honors in Natural Science at Cambridge and is a research worker at University College, London.

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The First "Homo" and his Fathers

On History's first pages, the first "Homo" is described as a small, short-legged creature. He is a living fossil, a link in the chain of evolution. His remains have been discovered in Africa, Europe, and Asia. He lived about 2,000,000 years ago.

A Complete Record of the Story of Life

The entire course of history has often been a record of the struggle between the "fittest" and the "less fit." But today Science is discovering laws that may decide (while the human cell is still a pinhead in size) whether it is to produce a boy or a girl.
When we go traveling
Continued from page 197

springs to the top of the car or he may play with his toys and have a nap in one of the cribs that fit into one side of the rear seat.

For your new picnic hamper consider one fitted out with the new beeswax, a hard, rubber-like china with brilliant colors add variety and charm to the meal and whose texture is so resilient that the pieces may be dropped even on hard surfaces without breaking.

Best of all, there has appeared on the market recently quite an assortment of traveling refrigerators, making ice cold lunches and cool drinks possible.

A handy vacuum food jar has two or three aluminum pans tiered in its container for keeping separate dishes hot or cold. The simplest and least expensive picnic arrangement comes in the form of a four-person special camp cooking outfit, all supplies of cups, cutlery, and food fitting into a large aluminum cooking vessel which acts as carrier, cooker, water-jug, and, on occasion, a dishwasher.

There is no end to the list of vacation commodities that fold; there are folding wash basins, folding water buckets, folding washstands, folding bathtub tubs, folding toast racks, folding ovens and stoves, and even folding medicine spoons which should accompany your first-aid kit. The folding stoves may be set up quickly, and their fires kept Aglow with charcoal briquettes over which you may broil a steak on both sides at once.

Fire hazard is another factor to be watched in the picnic set. A few experts advise the largest suitcase of all, a hard, rubber-like china sot sweater, a soft sweater, three pairs of shoes, sandal rubbers, silk mules folded into a flat case, twelve pairs of stockings, negligees, four pairs of silk pajamas, three hats (being sure that one is brimmed to shade the eyes) six sets of silk underwear, three slips, toilet equipment, a small sewing kit, sports gloves, evening gloves, day gloves, such glasses as are necessary to your comfort (and do not forget your prescriptive) handkerchiefs, scarves. If fewer dresses will do for your needs there will be room left for a coat, small umbrella, writing folio, and diary.

For a man we suggest:

Dark, medium-weight suit, summer suit, evening clothes, top coat, rain coat, light sweater, extra shoes, pumps, six sets of underwear, four pairs of pajamas, bathrobe (light weight), pullman slippers in a case, twelve pairs of socks, twelve handkerchiefs, eight set of ties, a felt hat, a cap, a straw hat, toilet articles, a small medicine kit, a clothes brush, a field glass, gloves, visiting cards in a case, a fountain pen.

For the hand-bag to accompany the Wardrolette, and travel outfitters say most of these are planned for gifts and warn against too decorative a set-up, let us buy the less pretentious kind which is more sensible for travel. The best buy for a woman is a combination vanity and over-night kit, one which is more sensible for travel. The best buy for a woman is a combination vanity and over-night kit, one which is more sensible for travel. The best buy for a woman is a combination vanity and over-night kit, one which is more sensible for travel. The best buy for a woman is a combination vanity and over-night kit, one which is more sensible for travel. The best buy for a woman is a combination vanity and over-night kit, one which is more sensible for travel. The best buy for a woman is a combination vanity and over-night kit, one which is more sensible for travel. The best buy for a woman is a combination vanity and over-night kit, one which is more sensible for travel. The best buy for a woman is a combination vanity and over-night kit, one which is more sensible for travel. The best buy for a woman is a combination vanity and over-night kit, one which is more sensible for travel. The best buy for a woman is a combination vanity and over-night kit, one which is more sensible for travel. The best buy for a woman is a combination vanity and over-night kit, one which is more sensible for travel. The best buy for a woman is a combination vanity and over-night kit, one which
When we go traveling

When we go picnicking

Under leather straps. For a man a pullman bag with a side which drops down to display a complete toilet array in popular.

An old suitcase may be cleverly fitted out, or a brief case turned into a compact kit, so many trick contrivances are now available. These include a zipper manicure case, a flat leather case for folded hangers, a new combination folding coat-hanger that has brushes at both its ends, a mirror in a case, a leather kit lined with oilskin pockets for shaving things, brushes, manicure set, sponges, necktie, shirt, and handkerchief cases, a first-aid kit, a folding alarm clock, and a camera.

If you prefer a trunk for travel after all, be sure to choose one which

is as light in weight as is consistent with good construction, and have it given an individual mark so that you may distinguish it at a glance, even in a large pile of luggage. If you are a golfer you may buy a wardrobe trunk with compartment for s. golf bag.

Articles shown in photograph on page 197: Ostrich covered case, toilet set in case, pet carrier, Fit-all Roll (Sacks & Co.); fitted case with drop leaf (Lord & Taylor); Wardrobelet, folding mirror, umbrella, snuggle rug, clock, telescope handkerchief case, air pillow in case, coat hanger (Abercrombie & Fitch); shoe protectors (all department stores); book, The Making of a Lady by Sara Haardt (Doubleday, Doran & Co.)

Sometimes WE are surprised

BUT we try not to show it... This time a husband said his wife was arriving in 10 minutes, and could we help him arrange a surprise dinner party for her? Here was a list of 12 guests... would we telephone them and "fix things up" while he dashed to meet his wife at the station? There were 14 at that dinner... and his wife was really surprised!

It's our belief that a hotel should do more than have large, airy rooms, comfortable beds, spacious closets, Beyond that, we daily try to meet the surprise situation (without surprise), no matter what the guest wants.

Extra service at these 25 UNIFIED HOTELS

NEW YORK CITY's only United... The Roosevelt

PHILADELPHIA, PA. . . . . . . . . . . . . . . . . The Benjamin Franklin

SEATTLE, WASH. . . . . . . . . . . . . . . . . . . . . The Olympic

WINDSOR, ONT. . . . . . . . . . . . . . . . . The Prince Edward

KINGSTON, JAMAICA, B.W.I. . . The Constant Spring

TORONTO, ONT. . . . . . . . . . . . . . . . . The King Edward

SHREVEPORT, LA. . . . . . . . . . . . . . . . The Washington Youree

ROCHESTER, N.Y. . . . . . . . . . . . . . The Seneca

SYRACUSE, N. Y. . . . . . . . . . . . . . . . The Onondaga

PHILADELPHIA, PA. . . . . . . . . . . . . . . . The Benjamin Franklin

SPRINGFIELD, ILL. . . . . . . . . . . . . . . . The Springfield

WINDSOR, ONT. . . . . . . . . . . . . . . . The Victoria

BIRMINGHAM, AL. . . . . . . . . . . . . . . The Regency Club

NASHVILLE, TENN. . . . . . . . . . . . . The Lexington

DALLAS, TEX. . . . . . . . . . . . . . . . . The Statler

KANSAS CITY, MO. . . . . . . . . . . . . The Stouffer

KANSAS CITY, MO. . . . . . . . . . . . . . . The Continental

SAN FRANCISCO, CAL. . . . . . . . . . . . . . . The St. Francis

SIOUX FALLS, S.D. . . . . . . . . . . . . . The Washington

NEW ORLEANS, LA. . . . . . . . . . . . . . The Roosevelt

NEW ORLEANS, LA. . . . . . . . . . . . . . The Roosevelt

TORONTO, ONT. . . . . . . . . . . . . . . . The Clifton

THE EBCO DISHWASHING SINK

"The Pride of the Home"

Features: BUILT-IN DISHPAN

... Drying compartment equipped with wire drain basket, pop-up waste, hose spray, drain board, acid resisting enamel in white or colors, with or without adjustable legs. Sizes and models for large and small kitchen in homes and apartments. Moderately priced.

WRITE FOR FULL DETAILS

Please mention your plumber's name

The D. A. Ebinger Sanitary Mfg. Co.,

609 West Town Street

Columbus, Ohio

The EBCO makes dish washing a pleasure. Change your old sink to an EBCO this spring.

When we go traveling

When we go picnicking

Continued from page 196

Sani-Flush

CLEANS CLOSET BOWLS WITHOUT SCOURING

Do you know how to blend the old with the new furnishings? The American Home will help you do it successfully! $1 a year. Address, Garden City, N.Y.

140 STARTLING NEW HOUSE PLANS

Don't Build Until You See This Book!

THE EBCO DISHWASHING SINK

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609 West Town Street

Columbus, Ohio

The EBCO makes dish washing a pleasure. Change your old sink to an EBCO this spring.
YOU will want this Russian copper jug to hold your flowers gracefully, or it will make a charming decoration all by itself. It is a hand-made reproduction of an original shape, and would make a delightful wedding present for the June bride. It stands 9" high and costs $5.75 express collect from B. Palessuck, 22 Allen Street, New York.

A dainty flower etched here and there on these glass goblets makes an altogether different and refreshing pattern for summer luncheons. The design is modern but restrained and is exclusive with Stern Brothers. They come in three sizes and can be had in any quantity. The large goblet costs 75¢, the middle size 65¢, and small size 50¢ each prepaid within 100 miles; from Stern Brothers, 41 West 42nd Street, New York.

The Windsor Magazine Rack shown here has such a smart air that it will add definite style to your room besides being very useful. It holds an amazing amount of papers, periodicals, books, etc., and you will be surprised to hear that though it is made of solid maple and can be had in Colonial maple, walnut, or mahogany finishes, it is priced at only $8.95 prepaid.

From THE BOULEVARD SHOP, 220 North Boulevard, Flushing, N.Y. Both these linen runners are exquisitely embroidered. The smaller one (at top) is made of écru Irish linen, measures 35 x 28 and is embroidered at each end with a conventionalized design in bright red, blue, yellow, and green. Price $3.50 prepaid. The larger runner, of raw silk, which has a lovely texture, is...

FOR STRIKING EFFECTS IN FLOWER ARRANGEMENT
Admirers of the unusual will delight in these hand blown vases from Tuscany. In color, a delicate, transparent green. Choice of style, $2, or $5.50 for the three, delivered. If interested in the decorative arts, write for a copy of "THE SHARD."

Carbone
342 Boylston Street, Boston

MAGNIFICENT TABLE SERVICE OF CARR CRAFT PEWTER... so inexpensive

How stunning a table set with these beautiful pewter goblets, sherbets or cocktails! And how surprisingly low priced they are! Of course they never break and they keep their soft rich glow indefinitely. A gorgeous present for anyone. A treasured possession for yourself. Left to right: Cocktail No. 3529, 4½ high, 3½ a dozen; No. 3527 Goblet, 5½ high, 2½ a dozen; No. 3528 Sherbet 4½ high, 3½ a dozen. Ask at your favorite shop or send check or money order direct to M. W. CARR & COMPANY Dept. A-8 West Somerville, Mass.

* Carr Craft *
GIFTS OF CHARACTER IN METAL

ON SHOES... That Go Places — TECS

TECS will solve your shoe packing problem. Just pull these snug-fitting little knitted jackets over your shoes, closing them tightly with the drawstring. Then pack your clothes anywhere — you need have no fear that they will be soiled by dirty footwear on route.

Intriguing color combinations: black and silver, beige and orange, blue and gold. Size A for women — B for men. Two pairs in gift box — $1.50.

At all the better shops or direct from Knit Goods Specialty Co., Dept. AH-6, Chicopee Falls, Mass.

TECS SMART NEW JACKETS FOR SHOES

INTERIOR DECORATION
SIX WEEKS PRACTICAL TRAINING COURSE

Authoritative training in selecting and assembling period and modern furniture, color schemes, draperies, lamp shades, wall treatments, etc.

Faculty of leading decorators. Personal assistance throughout. Cultural or Professional Courses.

Resident Day Classes start July 6th · Send for Catalog 12R

Home Study Course starts at once · Send for Catalog 12K

NEW YORK SCHOOL OF INTERIOR DECORATION
578 Madison Avenue, New York City

Your Back Yard turned into a Garden with the "Duplex"

Garbage and Trash Burner

"It Dries as it Burns."

Low In Price—Built to Last

Quickly installed in Old or New house. Models for kitchen, basement or yard.

Prices $29.75 to $75.00

Write for free literature and complete details.

DUPLEX INCINERATOR SALES CO.
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Books are of no use if we cannot have them ready at hand so I suggest the charming French Provincial bookshelf pictured below which will hold a goodly number. It is finished in Provincial walnut and would be very decorative against a wall with its curvilinear design. It measures 27 x 28 and is 6" in depth. It is priced at only $15.00 express collect from ARTCRAFT FURNITURE COMPANY, 215 East 58th Street, New York.

The ice pail (next page) is ideal for summer and it would make a handsome wedding gift as well. Made of etched glass and with nickel plated rim and handle it costs but $3.75 prepaid. The silver-plated ice tongs cost $2.00 prepaid. HEATHER-MATHews, 411 Fifth Avenue, New York.

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The Sea Chest pictured below is reproduced from an original one found in Boothbay Harbor, Maine. Made of pine with dovetailed corners and tarred beech sticks at the ends and stained in a weather-beaten aged effect. Ship and background are painted attractively in bright colors. Splendid to use as a porch box, or for firewood. Measures 45" long and 17" both high and wide. $16.00 express collect. Madolin Maple Edition, 625 Lexington Avenue, New York.

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One thing the present fancy for rock gardens has accomplished—it has turned attention to alpine plants, meaning by that, plants that grow at high altitudes. The realization that all alpines are not naturally European has stimulated the inquisitive gardener to ask, "What about the plants of our own high altitudes, particularly in the western part of the country?" It is from these regions that we may surely look with confidence to a great enrichment of garden material, particularly for rock gardens. It is encouraging indeed that Anderson McCully, a name quite familiar to readers of contemporary magazines, has had the courage to present to us a handbook American Alpines in the Garden (The Macmillan Co., 251 pages, price $2.50). It covers the material from a culturist's point of view which makes it all the more interesting to the majority of people.

Just what the future will develop in bringing delightful flowers from the mountains of the West into the gardens of the East time alone can tell, but the prospect looks more and more promising as we look into the subject. Mrs. McCully devotes two thirds of the book to a discussion of "The Plants Themselves," and talks about them from practical experience. The text fairly bristles with intimate cultural hints. I have hoped against hope for a long time that someone would give us just such a work, revealing to us the possibility and at the same time the allure of a multitude of plants that are surely worth bringing into acquaintance. The gardener in general knows all too little about the plants to be found at home. We are just about beginning to understand the facts about Penstemon [yes, that's the latest approved spelling of the botanists], Mimulus, Lilies, Erythroniums, to mention just a few, a very few. But at last the door has been opened and we can all stand on the threshold looking for these gems which should make the American alpine garden something distinctive and real.

Plants of this western region may require a little nursing or perhaps hardly nursing but attention that is a little different. One group of Western plants already winning recognition is the Bitterroot, cultural puzzles to some where others succeed. In a communication recently about these very things, Mrs. McCully had some interesting words to say about these very things, as given below.

A FRIENDLY LEWISIA

Our own country has given us many beautiful plants, and for the rock garden it is difficult to find a more lovely and more interesting family than the Lewisias. They have a name for being a little difficult, but this should in reality be changed to much misunderstood. The Lewisias are quite a little family from the mountains and high desert plateaus of the West. All of them can be grown in Eastern gardens, but some of them are much more readily pleased than others. Of them all, the Bitterroot (L. rediviva) the state flower of Montana has the most tenacious hold upon life, and is the best member to introduce us to the family.

It is found on the desert wastes of the high plateaus, and in sunny sandy barrens of Washington and Oregon mountains. The very plants themselves are typical of the elusive charm of the desert, with their satiny rose to pink to white cups of blossom rising from the tuft before the leaves have fully revivied from their winter disappearance.

This is a low-growing ground-hugging plant, rising only from one to three inches above the soil. The narrow leaves somewhat resemble those of the Iceplant. A little before the beauty of the bloom appears, these curl away and die. Then the waxy flowers seem to burst from the ground itself. They last well from June to August.

If I explain how they received both their common and their Latin names, perhaps it will help you a little in their cultivation. The common name is a rendering of the Indian one, for the Indians use the long fleshy roots as a food. The bark is extremely bitter, and it is only during flowering time, when this slips readily off, that the root is really palatable. If you recall this about them, you will remember that the main part of the plant is underground, and consequently must have a deep bed of soil in proportion to the size of the plant—twelve inches at least.

The source of the Latin name seems rather astounding; but the claim is made that after a specimen plant was subjected to boiling water in preparation, and then kept for several years in an herbarium, it revived and continued to live on.

Now the point I wish to make is that whatever else happened to the plant in its herbarium life, it certainly met with a dry existence. Drainage! Drainage is the law of life of the Lewisias—all of them. The Bitterroot, being a hot land desert species, needs in addition a place in the sun. These, however, are northern deserts that know a bitter winter cold, and so fortunately you need not dread the rigid winters that descend upon so many American gardens.

The thing you will need to watch, however, will be moisture. Along the North Pacific Slope we have to shelter them with a pane of glass from winter rains. British Columbia has no difficulty with them if this is done; and even those from California mountains seem to grow happily in Montreal, Boston, and North Scotland.

In choosing the soil, you will find a sand base the best to work with, though almost any loose porous mixture will do. Some leafmold or humus needs to be mixed with this, and then about one third of its bulk made up of grit, or finely crushed rock. Surface it with stone chips. A raised pocket in the rock garden is often a good place for them as the drainage is so all important. During the time of flowering, they will need considerable careful watering, but should be allowed to dry out afterwards.
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Roses by Bobbink & Atkins

is a reference and guide for American Rose amateurs and gardeners who appreciate late introductions which offer new surprises, and includes many favorites of old days. Correct de-
scriptions are given with comments on their merits and demerits, pen and ink sketches show how to plant, how to prune, and how to secure the most perfect flowers. All are classified and arranged to make ordering easy. A copy will be mailed on request to those who intend to plant Roses.

Ask for Catalog

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A professional green-keeper for one of the beautiful golf courses is among the first to write of the advantages of DRICOUNRE over other fertilizers. "Top dressing with DRICOUNRE gave us wonderful results," he writes. "Did not burn. . . . gave us the best lawns we ever had." You too can use DRICOUNRE with safety and satisfaction. It is economical and will prove to be the finest lawn and top dressing you have ever used. No matter how you use it, DRICOUNRE will not burn. It will help keep a luxurious lawn all summer long. It will add to the humus supply and build up soil reserve and a strong root system.

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Wherever you live, Cyclone is ready to help you plan your fence and install it complete. Write for literature.

Garden reminders

North

The Flower Garden—Roses must be kept free from insect and disease troubles. Good sprays are: Mealy Bug—Aphine or Nicotine. Mildew—Fungine or Flowers of sulphur. Green Aphis—Aphine or Nicotine. Rose Bugs—Fungine, Nicotine. Ameante of lead. Scale—Aphine or Kerosene Miscible Oil. Bad Rot—Bordeaux mixture. Black Spot—Bordeaux mixture. Finish planting seeds of annuals. All bedding plants may be put into the garden. Last of the spring bulbs will be ready soon for digging up. Pinch out tops of bedding plants to prevent their getting straggly. Stake perennials. Transplant some. Make late sowings of Sweet Alyssum. Don't let Sweet-pens go to seed. Get in the last of the summer bulbs. Pinch back the tops of Chrysanthemums to make them bushy. Remove all but terminal buds to make rose blooms large. Watch for suckers. Keep bushes watered. Take seedlings out of coldframe as soon as large enough and put them into the open ground.

Plant Dahlias.

Give ground near Iris an application of a plant food relatively low in nitrogen. Start Chrysanthemums for autumn bloom. Take cuttings of Sedum, Iberis. Creeping Phlox, and Arenaria.

The Vegetable Garden—Continue to sow tender vegetables. Tie up tall plants.

Layer Squash and Melon vines. Bordeaux mixture will prevent blight. Sew Lettuce, Radishes, and Carrots.

Let Asparagus shoots grow. Transplant late Cabbage, Kale, Cauliflower, and Broccoli to their permanent places.

Transplant Beets to rows two feet apart. Sow Wax Beans for succession. Sow main Celery crop. Plant some Cucumbers. Remove early sproutings from weeds. Turn over the earth after rain.

Sow early fall Turnips.

Pinch off side shoots of Tomatoes. Spray with Bordeaux mixture. Transplant tall varieties to poles or trellis.


Bone meal, formerly the stand-by, is one sided and is not recommended for general use to-day.

Prune spring flowering shrubs after blooming.


Give newly planted trees, shrubs and perennials plenty of water. Deuce plants with water to get rid of red spider. Put Vinca and Tradescantia into window boxes.

South

The Flower Garden—Keep the faith flowers off if you want new blossoms.

Plant Montbretia, Hemerocallis, and Nerine for late summer and early fall bloom. Dahlias may still be planted.

Many shrubs may be set out, from pots, or transplanted to make available places, by filling the hole with water, and covering with a patent to protect from the hot sun.

Annuals which may be sown now include Cosmos, Gleomes, Engle- bia, Impatiens, Tagetes, Guillaum, Torenia, Browallia, Salvia, Sue flowers, Zinnias, Portulaca, Petunia.

Vines which may be planted all are Morning Glories, Cypnias Visc Cardinal Climbers, Fuchsia, Thunbergia, Mazarndia, Balsam Vine, Balsam Apple, Gourds.

If the summer is very wet, all plants may be used instead of flowers to make the garden gay.

The Vegetable Garden—When your tables begin to ripen, gather 'em in. Sow seeds of all tender plants. Transplant late Cauliflower, Cabbage, etc.

Miscellaneous—Weed regularly, be steady, water abundantly or at all.

Prune spring-blooming shrubs if dry weather need it. Set out Melons, Squash, Cucumbers, Onions, Pumpkins, Cashews.

Corn for the last crop of "roast's ears" may be sown this month. Transplant late Cauliflower, Cabbage, etc.

The Flower Garden—Continue autumn pruning of perennials plenty or water.

Cuttings now of Carnations, Solarias, Amaryllis for fall bloom. Dahlias may still be planted.

The Vegetable Garden—When your tables begin to ripen, gather 'em in. Sow seeds of all tender plants. Transplant late Cauliflower, Cabbage, etc.

Miscellaneous—Use strong sprays of Bordeaux mixture, oil emulsion, arsenate of lead and nicotine sulphate to fight pests.

The Flower Garden—Keep the faded blossoms cut off if you want more bloom. Prune Wisteria now, unless rapid growth is wanted; also root cuttings and set out those already rooted. Separate Eu- phorbia, Scarlet Pimpernel, and Dianthus, and put away in dry sand or charcoal.

The West Coast

Prune Wisteria now, unless rapid growth is wanted; also root cuttings of Balsam, Salvia, etc, in a second blooming. Ficus and potted plants need it.

After blooming cut down Lupine, Convolvulus, and Althea. All plants should be cut down, dug up, mulched centrally and transplanted to more suitable and mulch continuously:

The Vegetable Garden—When your tables begin to ripen, gather 'em in. Sow seeds of all tender plants. Transplant late Cauliflower, Cabbage, etc.

Miscellaneous—Use strong sprays of Bordeaux mixture, oil emulsion, arsenate of lead and nicotine sulphate to fight pests.

Continue making Chrysanthemums, and start autumn-flowering ones. Continue styling plants. Cover with a light mulch and keep beds flooded during hot spells. Sow spring-blooming plants with a complete preparation.
by a plan herewith. These clumps must be divided every year. Big groups of Pyrethrum, or Daisies as they are so-called, are planted in shades of pink and red only. The Pyrethrum blooms in late summer and bloom all year. To me, way of thinking the single form is much prettier than the double.

At the eight corners of the central plot are strong clumps of Iris of a very good clear lavender (name unknown), rather a deep shade of Pale Dalmatia which lifts stalks crowned with many blossoms.

We have here a few plants of Anemone droop Variety, but too much of this cannot be used as the plants are too coarse and take up too much space in such narrow borders. The color of the blossoms is of such an intense and delightful shade of blue, the blossoms so graceful and pretty, that a few of these must be included.

In the small spaces left in this border, along the sides, we tucked Columbines in shades of yellow, blue, and pink, and the lovely Trollius. Why is the Trollius not better known? Or is it just a stranger in my part of the world? It seems to me an especially fine addition to our list of really hardy perennials. Trollius europaeus is low growing with lemon-yellow globular blossoms resembling a huge glorified Buttercup. I have also the variety Orange Prince, a fine shade of glowing orange-yellow, very large, and blooming profusely, attaining a height of about three feet. It starts blooming a little earlier than the other plants in this section but has a long period of bloom. It started last year in bloom with the Tulips and made a charming combination. I picked a bouquet of these and bronze and yellow Tulips, added some sprays of Dorsicum excelsum, a tiny clump of small yellow daisies; some Sutton's Royal Blue Forget-me-not, with double flowering Buttercups completed the group—and a more beautiful combination could rarely be found. So many of the subjects were unusual and the colors delightful together.

These borders may be made with very little expense if the gardener is willing to wait a year for his plants to grow from seed. All the plants except the Trollius, Iris, and Daylilies may be easily raised and will make fine strong plants for the following year if started as early in the spring as the ground can be prepared. Do not wait until July and August as many authorities advise, as plants started then do not germinate as well and do not have time enough to develop into big plants for the following year. I soak the seeds of all perennials in lukewarm water overnight before planting. Do not get packets of mixed Lupines but get the colors desired and keep them separate.

Early in the spring, before the main display, we have bulbs in these sections—Early Tulips and several varieties of Narcissus along the edges with tall Late Tulips in groups of about eighteen of one variety. The colors of the Tulips grown here are the lovely browns and yellows furnished by Avis Kennicott, Bronze Queen, Golden Bronze, General Ney, and Chanticleer.

Eight of the small beds in this plot are used for Roses, one variety in a bed. The four other small beds are used for Annual Lupines. The outer borders are planted as may be seen by the plan and can be changed to suit one's fancy.

To be sure, this would not be a complete garden if no other space was available. But for the time of year of late May and early June it is especially good and the other plants used in this plot create some interest at all times of the growing season. The Roses, for instance, are very easy to care for in these narrow beds, bloom exceptionally well, and may be planted quite closely.

Do you know a sucking bug from a chewing bug?

1. Rosebug, flea beetle, potato bug, celery caterpillar, cabbage worm—these are some of the common insects that chew foliage, causing large losses annually.

2. These aphids (greatly magnified here) suck vital juices from leaves. Other sucking insects are thrips and leaf-hoppers.

The only spray that means sure death to every garden bug

**Nicotine Pyrox**

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with water and spray

Just mix

**Nicotine Pyrox**

in 50¢ and $1.75 sizes. Get a jar today!

Realistic rockwork
Continued from page 212 from constant water action is especially desirable.

In constructing a rock garden of boulders, or similar material which is non-straftacted, select pieces in various sizes; it is important that some large ones be used in the composition. This will tend to give character to a garden of this type.

As soil is important, you must determine the kind you have available. Rock plants have considerable preferences. Some thrive in your condition. These are called acid loving. Many mountain plants prefer an acid soil in some degree, others like an alkaline condition, but fortunately the greatest number of rock plants thrive in a neutral environment.

Some nursery catalogues list plants according to soil requisites so it is not difficult to make selections suitable to your soil conditions.

Rock plants generally prefer a light porous soil, which is not too rich. They seem to bloom better when they are starved somewhat. If your soil is heavy with clay, use some sand, gravel, or cinders to lighten it, also mix in humus. Stable manure is not safe to use unless it is thoroughly rotted and then only for its humus. Be careful, however, that the ingredients you add will make the desirable reaction. Rotted wood, leaf mould, and granulated peat tend to make acid. Granite chips also have an acid reaction, and tannic acid is sometimes used for acidity.

You can make an alkaline soil from old mortar, that found in old foundation walls, also from limestone quarry dust. If limestone is used for rock material it will be found to have a sweetening tendency and in a garden of this kind not only neutral but alkaline plants can be made to thrive.

To start your rock garden, excavate to a depth of two feet and put in six inches of cinders. A tile drain can lead off from this if necessary. If the subsoil is a heavy clay twelve inches of drainage material should be used.

After drainage has been installed, fill in the remaining depth with soil. You are now on the level with the natural grade, and you can start your rock construction. Put in place the first or bottom layer of rocks and tamp thoroughly around them to prevent air pockets and settling and be sure that they tilt backward slightly and not forward. Keep rough and weathered edges to the front to simulate naturalness and age. Use broken rock mixed with soil back of rocks.

Be sure that sufficient good soil is placed under the stones, for the plants to grow in. Build up with sufficient layers, until you have reached the desired height. When planting, place the roots deeply into the recesses.

For the maintenance of a rock garden, water frequently in summer.

In the fall you can protect the plants with a mulch of coarse litter like excelsior or clean straw. Do not use manure or leaves as they mat down and often cause the crowns of the plants to rot. Remove this covering in early spring when the plants are starting to show activity.

 Outstanding QUALITY

For the second time in two consecutive years, Zandbergen Tulips won that most coveted prize, the Gold Shield of The Dutch Bulb-growers' Association. They won Gold Medals and Blue Ribbons wherever shown, thus proving the quality which causes them to be known as "Bulbs in a Class All Their Own".

Grown in our own nursery in Holland, cultivated, harvested and cured by master craftsmen, packed with the skill demanded by these De Luxe bulbs, they are bound to blossom forth the following spring, if planted as per directions given in "Greetings from Tulipdom".

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Nurseries at Valley Forge, near Leiden, Holland and at Babylon, Long Island, N. Y.
Everywhere an evergreen
Continued from page 218

for the expert tree mover but the amateur should take the season into account. Deciduous trees, for instance, can be transplanted most successfully while they are dormant; that is, between late fall and early spring. Unfortunately for the amateur, evergreens have no really dormant season.

There is a time during August and the late summer when evergreen plants are as nearly dormant as they ever become, and many evergreens are transplanted successfully in this time of the year. In the case of a newly built home, or where extensive remodeling has been carried out, it may be very much worth while to plant evergreens in the late summer to remove some of the bleakness which would otherwise have to be endured throughout the ensuing winter. Evergreens planted in the late summer when conditions are otherwise ready to receive them add about six months to their growth. Early spring, after the ground has begun to thaw but before new growth starts, is another excellent time to transplant evergreens. Good results can be expected from evergreens transplanted during either of these two times. Never transplant during the hot days of mid-summer nor late in the fall.

The root system of an evergreen must be re-established as soon as possible after transplanting. Never expose the roots to the air.

An evergreen can be sent a long distance and can be out of the ground for a long time provided only that it is treated properly. In the nursery the growing plants are partially upright from time to time, so that they get sort of habituated to having their root systems disturbed. The uprooting machine used in lifting evergreens for shipment takes up the tree with a large ball of earth which is held firmly about the roots by burlap.

When the tree is in final position and some time has been taken about it to hold it firmly, the strings holding the burlap about the trunk are unbraided, the top part of the burlap is cut away, and any ragged edges are turned down so as to be completely buried when the tree has been finally set. Do not remove the burlap if doing so will disturb the root system or break the ball! The burlap will in no wise hinder the growth of the roots and will soon rot away. Some more earth is now filled in around the ball and then all is soaked thoroughly. Then fill in more earth to about come even with the surrounding ground. After a wait of a few minutes, until the water has taken effect, firm down well by tramping. Watering and firming helps the little rootlets into close contact with the soil, a necessary condition for growth. A top dressing of loose soil to preserve the moisture completes the transplanting.

Success with evergreens means the use of lots of water. Before the ground freezes in the fall it is well to give evergreens a final thorough soaking. We must never lose sight of the fact that they need a lot of moisture throughout the entire year.

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Now is the time to select your Peonies
Continued from page 209

one really needs the advice of a Peony expert. The novice cannot expect to be a good judge of varieties because it requires years of experience to say which seem to be most satisfactory.

The selection of Peonies you make for your garden will depend upon how many plants your purse will allow. With limited space be even more particular in choosing varieties because you cannot afford to devote space to undesirable kinds. An adequate planting should include at least a dozen varieties. Several lists are suggested here.

The first list is a dozen, good, all-round varieties that should succeed almost everywhere and give a long season of bloom. Early, mid-season, and late kinds are included in a good range of color. They are selected with garden behavior particularly in mind. If you can plant but one dozen varieties at reasonable cost, these will be ideal: Adolph Rousseau, Alma, Avalanche, Baroneess Schroeder, Crouse, Marie Jacquin, Marie Lemoine, Mme. Calot, Octavie Demay, Venass. These will average less than a dollar each.

The next dozen suggested will average about a dollar and a half each. These, too, have been chosen for their all-round good behavior and superior quality in the garden. They would be worth adding to a garden which already contains the lot previously listed. A good diversity of color and long season of bloom are found in the following: Francis Willard, La France, La Ronière, Lady Alice, Lilyflower Duff, Longfellow, Mme. Emile Galle, Mme. Emile Lemoine, Mme. Jules Dessert, Mons. Dupont, Reine Hortense, Rosa Bonheur, William F. Turner.

The cost of the entire twenty-four varieties, one plant each, would not exceed thirty dollars.

Looking over the above lists you may say, "Why doesn't he include Festiva Maxima, or Mons. Jules Elie, or Mons. Martin Cahuzac—and a host of others?" They are good Peonies too, but as additional to those above named they have faults. Festiva Maxima is very beautiful but in the average garden the bloom is too large and too heavy for the strength of the stem; the same for Mons. Jules Elie though, in spite of its stem, almost no variety is more popular throughout the country. Many admire Mons. Martin Cahuzac because it is so very desirable. The garden hot sun will burn the petals black frequently within a day after they have taken their color. And take care! You will probably the finest shade of pink in the whole Peony scale, still in the garden when a few hours later, quickly, lack vitality, and moreover seldom produces good blooms oftener than once in three years. When all the fan will want it because of its vivid color.

A third dozen might include some of the higher priced ones, higher in most cases because of quality and scarcity. They range in price up to five dollars each though in current price lists the lot may be had for less than thirty dollars. Some of them are not common and not everyone will be found in every catalog and price list but by shopping around a bit among the different growers all of them may be had. You will probably find a few lots of a dozen more satisfactory in the garden and show room than the following: Chercher Philippe, Fuyajo, June Day, Kelways Glorious, Le Cygne, Le Jour, Martha Bulloch, Philippe Rivoire, Prince Carey, Sarah Holland, Souv. de Louveciennes, Tete D'Or.

An additional dozen could include several which while they are outstanding fine Peonies, have some defects. The following five are extra fine and generally faultless in every respect: Mrs. Edward Harding, Georgiana Shaylor, Tamate-Boku, Raul Dessert, and Isanis Gidui. Of the rest of the dozen, I have previously mentioned the faults of Mons. Jules Elie, Walter Faxon, and Mons. Marianne. Jolly, La France, La Rosière, Mme. Calot, Octavie Demay, Venass. These will average less than a dollar each.

When you have your Peonies and would like to have them early in bloom you may select the following: Blanche Dupont, La France, La Rosière, Mme. Calot, Octavie Demay, Venass. These will average less than a dollar each.

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The gateway to your garden
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Now is the time to select your Peonies.

That makes forty-eight recommended varieties, which you might add to other fine ones, La Fox and Ivan not, making it an even fifty and you would have a Peony garden that would give you joy and satisfaction. Autumns flowers are ready for three to six weeks, depending upon the season. The true Peony fan will become interested in the very new and extra choice origins recently introduced. They are very scarce and high priced yet.

Among the very finest of the new things are: Myrtle Gerten, Edwin C. Shaw, Victory Chateau Thierry, Mrs. A. V. Brand President Wilson, Alice Harding, Kukuni Jishi, Hansa Brand, Frankis Kuris, Florence Macbeth, Daphne, and Denise. Each year there are a few choice new varieties introduced but it is generally from ten to fifteen years before sufficient stocks can be propagated to keep the prices down to a practical level for the public.

Since 1902 when the American Peony Society was organized, many velous strides have been made in raising the standards of Peonies as offered to the public by growers. Hundreds of inferior varieties have been discarded and to-day by following the unbiased ratings of the American Peony Society you may buy with assurance. Every good Peony to-day has a rating ranging up to 10.0 as perfect. Varieties rated less than 8.0 are of questionable value and any varieties which are offered upon which the dealer cannot show a rating as published by the American Peony Society, should be looked upon with question.

Southland's gifts to the garden

Continued from page 211

will thrive it quite well—and it may be relegated to the narrow strip between the runway and the house, where its deep green foliage, as handsomely as the more exotically, but much neater in its growth, makes an ornamental border for eleven months of the year, while in July it will send up its glorious flower-crown.

Another denizen of the swamps which tolerates city conditions quite well is the Southern or Bald Cypress (Taxodium distichum). As a street tree it is rare, but its feathery foliage contrasts with the heavier leafage of Oak, Hackberry, and Mulberry trees.

Almost as rare in city planting is the Southern, or Longleaf, Pine, but that, too, is a beautiful tree.

The oyster-white flowers of the Amanthus tabernaemontana—which looks like a more starchy sort of Plum-bago, or a Perennial Phlox with a bluish tone—may be cut off after the first blooming in April, and the plants cut back to the roots. If cultivated, fertilized, and watered, it will bloom again in July.

The Cornflower Aster (Stokesia laevis) is ideal, consorting with the native Pricklypear; while the Spanish Bayo net (Y. gloriosa) makes an effective hedge where there is room for it.

Finally, in the water garden it is wise to select the native white Waterlilies (Callatasia odorata and others), the yellow Cowlly (Nymphaea advena), and the Yonquapin (Nelumbo nucifera var. lutea) rather than the tenderer Exotic Crinums, but they do not, making it an even fifty and you would have a Peony garden that would give you joy and satisfaction. Autumn's flowers are ready for three to six weeks, depending upon the season. The true Peony fan will become interested in the very new and extra choice origins recently introduced. They are very scarce and high priced yet.

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