

### The Home Gardener

By MARIE FLETCHER

It jogged along to my young... I have been able to... the problems of life. In... the green, gray-bouldered slopes... the wooded ledges, the singing... the great wilderness... I found the... of beauty. The mother... seems to give to men and... strength to... with the winds."

Irving Bacheller. Blooming time for vetch is... but these liting lines... recall its graceful loops and... along the roadside: There was once a nest in a hole... Down in the mosses and knot... grass pressed. Soft and warm, and full to the... Vetches hung over it purple and... With buttercup buds to follow."

Haskin—Wild Flowers of the Pacific Coast.

The Oregon Grape, member of the Barberry family, Oregon's State flower, is full of ripe berries now. Those who delight in... for making jelly will have informed themselves of its conditions for that by this time. It was called a grape by early settlers on the Mississippi valley.

Long before pioneer days in Oregon, the Indians used the root of the plant for medicine, the twigs and bark for yellow dye, the fruit for food. Today, the white man markets the roots for medicine and for the fact that it multiplies rapidly, the plant would be exterminated.

The yellow blossoms, heavily laden with pollen, furnish supplies for bees, as early as the latter days of March. The stamens have a rather human re-action, for at the lower part of the style a knobbed against, they snap shut suddenly like a mouse-trap. Thirty years ago, this column's

family was greeted, upon arrival in Eugene, with a mass of Oregon Grape and Wild Currant bloom. It is still one of the pleasant memories of those who were strangers in a strange land. Strangers today find themselves at home as quickly. "Eugene is such a friendly town."

Japanese iris should be replanted after it has bloomed and August is a good month in which to do this. If the plants have not been divided and replanted in the past three or five years, it should be done now. See that the knife is sharp and that the divisions are not too small. This iris likes soil similar to that used for azaleas, with plenty of peat moss. If the soil needs to be acidified, put a small handful of aluminum sulphate in each hole.

A French marigold, new this year, is Flaming Fire. It is an early bloomer and a free bloomer, growing about two feet tall. It is brilliant maroon color at first and changes to orange as it ages. Especially suited to this section.

New seedling Shasta Daisies grown in some Eugene gardens this summer have made plain the great advance in size and in doubleness attained by this plant in recent years. Next spring a new variety, G. Marconi, will be available. It is much frilled and extremely double, with large sized blossoms. Stems are two and three feet tall. The Chiffon daisies are a low growing type, have a frilled edge and a bright yellow center. They bloom earlier in the season than do the true Shasta daisies.

Early dwarf Chrysanthemums—Azaleumums—are making a wonderful display at present in the garden. Low growing enough for the rock garden or as border plants, they find a warm welcome in the summer garden. Such varieties as Queen Cushion—flesh pink with cream center—and King Cushion—a yellow bronze—are fine examples of this useful flower. For several weeks these plants have been in full bloom. They make a compact bush not more than ten or twelve inches

high and are simply smothered with blossoms. Slugs probably disappeared from the garden with the coming of the warmer weather but the numerous army of the spring have left behind unpleasant memories. Tests made in the late spring with a new slug control discovered by accident, in France, offer much hope for the future gardener who may be troubled by this pest.

The climate of the Northwest is especially favorable for slugs and a sure-fire remedy would be a real help to every gardener. This new discovery has various trade names. In Europe it is named Meta and it is offered on the Pacific coast as Meta, also as Bug-geta.

The home place, at Santa Clara, of Miss Virginia Welch, her sister and their ninety-six year old mother, is a beautifully landscaped six acre plot where one finds masses of hydrangeas, bronze marigolds, brilliant zinnias and dainty pink gladioli. A Catalpa Bungii makes a trellis entrance to the terrace where tea is served and where one watches humming birds gather nectar and gold finches dart here and there. The house finch calls from a near by tree and hears his answer from another not far away.

A fine Magnolia with waxy blossoms is in the foreground. There are cedars, firs, cypresses that "lift their arms to pray"; an oddly leaved smoke tree; birches with lacey leaves; horse chestnuts; hawthornes, maples—still others. This is a vegetable garden prolific and abundant; fruit and nut orchards.

For twenty-four years Miss Welch has spent her summers at this lovely Country Place. In earlier years she came out to it from the east when that section was interested in Oregon's Apple Venture. For some years she has been a teacher in one of Seattle's schools where 2,000 pupils and eighty-five teachers work together.

Practically every one is acquainted with the hummingbird though every one may not be aware of some of its anatomical peculiarities. The make up of its tongue, which is "extremely long, slender, capable of extension, split at the tip—each division with the outward edge curled up and outward for part of its length—forming the effect of two parallel tubes."

The Hummer's nest is open above, usually it is cupshaped, and attached to a twig. It is composed of soft, downy plant material. The outside is a patchwork of bits of moss, lichen, bits of bark, and spider webs. Hummingbirds belong to America exclusively. "No other class of birds has such brilliant, metallic colored plumage, none differ so much in manner of flight and of feeding."

Hummingbirds cannot make their way on the ground or on any flat surface by means of their feet and legs alone. They perch upon trees and bushes and their nest building proceeds along the same methods as does that of the other birds. They gather their food differently, however. Their methods here resemble those of certain insects, the hawk-moth especially. Some species gather insects

### Herb Gardening

By MARIE FLETCHER (Garden Editor of the Register-Guard)

There may be some new gourd gardeners this year who will be watching the fruit as it changes day by day while blossoms still continue to appear. It may be well to remind ourselves once more that gourds fall into two classes, the Lagenarias or hard shells and the Cucurbits or ornamentals.

The Lagenarias are the ones grown in earlier times by our forebears. The gourd slipper that hung by the pump or by the old oaken bucket is a common memento to one of the older generation, so is the gourd that found use as a sewing basket, possibly as a container for the soft soap, or as a receptacle for odds and ends. Today the bottle necks are used for bird homes, for mail boxes, for pen and pencil holders, or they hang as ornaments in the gateway or from the trellis. They are used for craft work, for lamp bases, for sandie holders and for containers of various kinds—they take color beautifully.

These gourds are night bloomers and have white blossoms. They stay true to type since there is no cross pollination likely. The blossom lasts a few hours only. They must be left on the vines until they are thoroughly dry if one is not to be disappointed in their keeping qualities. This state will probably be reached in October unless they were planted too late. When they are ripe, the gourds turn brown, become lighter in weight and the tendrils nearest the fruit shivel up. The gourd will have a look of ripeness. While they are immature, designs may be cut into them—not too deeply—or the gourd can be put under pressure or it can be malded day by day into any shape one cares to make it assume.

If a tan shade is desired, the gourd should be cut when ripe, with a long stem, hung in an airy, dry place and turned frequently. A richer color will develop if it is left on the vine longer. All gourds should be wiped carefully with a soft cloth and are better for being dipped into a disinfectant that will not affect their color.

The Cucurbits can be cut when ripe. At that time the stem is brown and hard. If the gourd does not yield to thumb pressure, try indenting it with the finger nail near the stem end. If no mark is left, it will be safe to gather them. This must be done before frost. No assurance can be given as to the keeping qualities of the Cucurbits—some have lasted a year, some longer, some much less, but that depends upon ripeness and upon care in gathering. Like squash and cucumbers, they may have developed a bad spot. Lagenarias last for centuries.

Gather carefully. Do not pour from one container into another. If the Cucurbits were sown early, they may be approaching maturity now—the sun fades them if they are left on the vines too long after ripening. But they must be ripe if they are to last.

from the bark of trees; others sip the nectar from the flowers with their semi-tubular tongue extended into the neck of the blossom. They do considerable cross-pollination in this way. Their tiny size makes them interesting, so does their gorgeous metallic coloring—emerald, sapphire, ruby, orange, sometimes velvety black. Some species have a luminous spot of color at the base of the bill surrounded by a black velvety band—Nature showing the Jeweler's art.

W. L. Finley says the male hummer is an enthusiastic lover but that the cares of home life pall on him. He disappears entirely when the nest building is finished and incubation begins. He surmises, however, that this may be his instinct for protection of his family; his brilliant coloring might invite enemies.

The Book of American Birds lists eight species of hummingbirds. Rufous is the one we know best.

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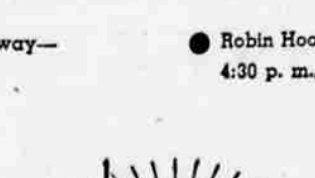
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### Lumber Orders Show Big Gains

The Department of Commerce has received a report from the Lumber Survey Committee on Consumption, Stocks, and anticipated Consumption of Lumber during the third quarter of 1938. This is the 29th quarterly report of the committee.

The committee finds the substantial upturn in new orders booked at the mills since late June is due to:

1. Increased residential building, especially of small homes, encouraged by government expenditures and facilitated by Federal Housing Administration insured mortgage loans.
2. Replacements by distributors and industrial consumers of depleted local inventories, in anticipation of continued upward building trend.
3. Anticipation of probable higher production costs and higher lumber prices, especially in the South.

The committee reports national lumber stocks at the mills July 1, 1938 as "in general not excessive." They were approximately 8.7 billion feet, or 3.2 per cent below January 1. National lumber consumption in 1938 is now estimated at 20 billion feet, compared with 24 billion in 1937.

The upturn anticipated for the remainder of 1938 and into 1939, the committee believes, will be for the lumber industry largely along the lines of increased consumption in residential building, especially in small homes, and in public construction, with expected accompanying gains in demand in the furniture, millwork and flooring industries. The decline in average mill prices of lumber during the past year has ranged in major species of softwoods and hardwoods from 10 per cent to more than 30 per cent. Due to higher costs of production, both present and prospective, and to delayed re-stocking by retailers and industrial consumers, a continued gradual general lumber price advance is to be anticipated; but abrupt changes are not expected.

The committee again calls attention to the important pending negotiations of trade agreements with Great Britain and Canada and to the belief by the industry that the outcome will likely largely determine the future pattern of the American lumber export trade.

The Lumber Survey Committee consists of Thomas S. Holden, vice-president, F. W. Dodge Corporation, New York; M. W. Stark, economist, Columbus, Ohio; Calvin Fentress, chairman of the board, Baker Fentress & Co., Chicago, Illinois; Phillips A. Hayward, chief, forest products division, department of commerce; and Wilson Compton, secretary and manager, National Lumber Manufacturers association.

### Adequate Baths Aid To Sale Of House

A large number of families who are in the market today to purchase a home require more than one bathroom. Houses that have only one such room, or one without modern equipment, often can be modernized easily. An architect can usually find space suitable for the installation of an additional bathroom.

A house with adequate bathrooms for the number of bedrooms it contains will be found to command a better price than the home with only one bath.

### Clear Title For FHA Insurance

When a mortgage is insured by the Federal Housing Administration the mortgagor must establish that the property will be free and clear of all liens other than the insured mortgage and that there is no other unpaid obligation contracted in connection with the mortgage transaction or the purchase of the property.

Approximately 120,000 known comets are included in the solar system.

### Home Designed for Incomes Between \$1,000 and \$1,500

Again Western Homes Foundation presents a small home plan for families with incomes of from \$1,000 to \$1,500 per year, in a form that is adaptable to many tastes and requirements. This is another of the five "Certigrade Cottages," which were created by national architectural authorities in cooperation with FHA and were built for demonstration in a Washington, D. C., suburb. It is called the Baldwin.

The heart of the Baldwin cottage design is a carefully planned hallway. The conventional plan for a small, two bedroom home commonly provides for a bathroom between the two bedrooms, with a hall fronting the bathroom and connecting the two sleeping units. In the Baldwin hall space is confined to the center of the home, with the bathroom conveniently placed between one bedroom and the kitchen. The latter feature allows for great economy in plumbing installation by centering kitchen and bath units together.

Locating the heater in the center hall space is another provision for economy and efficiency in the Baldwin Certigrade plan. Note the position of room entrances in relation to the heater. They provide for complete circulation of heat with a minimum use of fuel. A passage to the living room on either side of the heating unit is particularly effective in the heating layout.

With a modern compact automatic heating unit, a niche on either side of the hall will hold the unit and clear the hall space completely.

Continuation of hall space on the kitchen side is cleverly utilized for a dining nook.

With a twenty-year FHA insured loan, the monthly price tag on the Baldwin ranges from \$13.60 to \$19.04, this including mortgage principal, interest, and mortgage insurance. Working plans and specifications may be obtained from retail lumber dealers or from Western Homes Foundation, 364 Stuart Building, Seattle.

Lumber Mills Cut Far Under Average

A total of 151 down and operating mills in Washington and Oregon, which reported to the West Coast Lumbermen's Association for the week ending August 13, 1938, produced 89,335,516 board feet of lumber. At the rate of cutting at the reporting mills, the entire industry produced 58.0 per cent of its average weekly cut during 1926-1929.

The new business reported taken last week by the 151 mills was 92,483,420 board feet. Shipments were 96,331,521.

Details of orders and shipments as reported by the 151 mills are: Domestic 37,224,509 40,866,341 Cargo 39,877,873 42,707,796 Export 5,772,765 2,920,111 Local 9,803,273 9,808,273

92,483,420 96,331,521 The unfilled order file at these mills stood at 337,663,352.

### Cove Lighting System Aids Illumination

Cove lighting derives its name from the curved molding near the ceiling line in which the lamps are concealed. It reflects light toward the ceiling, which results in an even illumination when properly designed.

In modernization of a household lighting system, cove lighting may be substituted for the old type of central lighting fixture. Funds for such work are available from private lending institutions operating under the Property Improvement credit plan for the FHA.

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### Outlook Bright For Building

NEW YORK, Aug. 20.—(U.S.)—The outlook for the building and construction industry, a primary economic barometer, appears brighter today than at any time since 1929.

Although actual contracts in the first six months of this year were slightly below the same period of 1937, contemplated construction aggregated \$3,750,000,000 July 1 compared with \$2,440,000,000 on July 1, 1937.

National Industrial Conference board statistics show that the building and construction industry normally gives direct or indirect employment to more than 5,000,000 persons—more than 10 per cent of the persons employed. It is estimated that 55 per cent of the increase in unemployment between 1929 and 1938 was because of the depressed state of this industry. This explains why economists believe there can be no lasting recovery without "normal" building, and why government economists are so anxious that congress enact legislation to facilitate building.

Total construction aggregated \$1,294,272,000 for the first six months of this year, according to figures prepared from the F. W. Dodge reports. That compared with \$1,493,230,000 in the corresponding period of last year and with \$2,913,000,000 for all of 1937.

Authorities in the building field believe that this year's total will top \$3,000,000,000 which would be the best year since 1931.

### FHA Standards Cover Needs Of Community

The National Housing Act is restrictive only in that it sets up standards and conditions for loans acceptable for insurance. Operation of the plan has shown that the limits established by the Act leave a field of operation broad enough to cover conditions in every community.

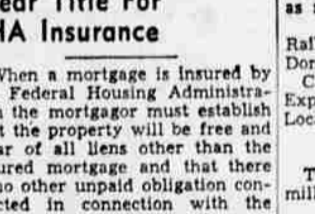
### SOUND TECHNIQUE

The Federal Housing Administration, in establishing the Insured Mortgage System, has created mortgage-lending technique sound enough to assure the making of sound loans, yet flexible enough to be adapted easily to conditions existing in individual communities.

Building Permits

Type of construction	Cost
Residence	185
Store remodeling	125
Duplex residence	50
New residence	10,000
Reshingle residence	50
Office repairs	25
Frame residence	500
Reshingle woodshed	25
Garage and woodshed	200
Repair residence	50
Warehouse alterations	370
Repair residence	20
Reshingle residence	75
Enlarge woodshed	25
New residence	4,000
Reshingle woodshed	12
Reshingle residence	25
Reshingle garage	20
New garage	200
Repair residence	150
New garage	130
Residence alterations	50
Rebuild woodshed	75
New residence	3,000
Woodshed addition	15
Repair residence	200
Reroof residence	50
Repair residence	30
Reshingle garage	35

Total building permits Aug. 13 to Aug. 20, inclusive \$10,692



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