The Valley of the Giants

By PETER B. KYNE, Author of "Cappy Ricks." Copyright, by Peter B. Kyne

CHAPTER XIV.

"You're Not in Police for Your Health."

"Mayor Poundstone and Mrs. Poundstone."

STANDARDIZATION IS ESSENTIAL FOR ECONOMICAL MARKET SYSTEM

The basket on the right may appear to hold more potatoes, but in fact it contains fewer potatoes than the one on the left.

It is generally agreed that if food costs are to be lowered a more economical system of distribution of farm products must be perfected and placed in practical use.

Standardization, say experts of the bureau of markets, United States department of agriculture, is the essential basis for such a system. This means not only standard grades for fruits and vegetables, but standards for the containers in which they are packed.

Should Sell by Weight.

The bureau of markets is charged with the enforcement of the United States standard container act which provides only for standard capacities for grape and berry baskets used in interstate commerce. The application of this law has resulted in the widespread use of these containers in intrastate commerce also, for shippers have come to appreciate the benefits derived from the use of uniform methods of marketing such fruits.

Standardization of larger shipping containers, such as hampers and round-stave baskets, is equally desirable, say the bureau's experts. Of course the best method is to sell produce by the pound, but where it is impracticable to sell by weight uniform containers should be used. Bushel baskets of peaches from Georgia and ...

... lower per pound than that commanded by potatoes packed in the customary manner.

At present there are about fifty types of hampers and over twenty sizes of round-stave baskets in use. Many of these sizes are simply the outgrowth of custom in various shipping localities; others are used for the express purpose of deception. And aside from the confusion and uncertainty that result from the use of dozens of different kinds of containers millions of dollars are annually lost through destruction of produce in transit on account of the weak construction of the containers used.

Would Reduce Number of Containers.

Many large growers, shippers and basket manufacturers appreciate the desirability of reducing the number of these containers, and a nation-wide movement is on foot to eliminate many of them. Co-operative selling organizations are already doing much to promote uniformity and standardization. It means money to them not only because of the familiarity of the trade with the containers used but in permitting methods of loading into cars that reduce the likelihood of breakage to a minimum.

After a careful canvass of the situation the bureau of markets believes and in this those who have studied the ...

THE KITCHEN CABINET

HOME-MADE CANDIES.

MOSAIC DISEASE OF POTATOES PREVENTED

VISIONS NOT ALL REALIZED

WEIGHT OF SILAGE

THICKEN STAND OF ALFALFA

INCREASED NUMBER OF EGGS

RIDDING LAND OF THISTLES

DESTROY LICE IN BROODERS

ENRICHED BY DEED OF 1848

Pacific Coast Forests Last Big Supply

YELLOW PINE — RAVAGES OF FIRE — ENGELMANN SPRUCE — CALIFORNIA REDWOODS

THE forests of the Pacific coast states comprise ... great body of coniferous timber and contain practically half of the remaining saw timber in the United States, according to a report on timber depletion made to the United States senate by the forest service of the United States department of agriculture. The development of the lumber industry of the region, however, has already progressed far. Within the last year shipments to eastern markets have largely increased, and points formerly supplied by yellow pine have been invaded up to the very boundaries of the yellow-pine-producing territory. Approximately three and one-half times as much timber is being taken from the Pacific coast forests as is produced by growth, while for timber of saw timber size the depletion is nine times the growth.

Large Virgin Stands.

The commercial forest area of the Pacific coast states, the report says, has been reduced to approximately 57,566,000 acres. "A large percentage of this, about 39,370,000 acres, is in virgin stands." Not all of this, however, is accessible high-grade timber, for there is a large percentage of relatively inferior and inaccessible areas. "This is an important factor which is usually overlooked in the consideration of the western timber supply." Second growth of saw timber size covers about 5,292,000 acres, and smaller second growth of 6,425,000 acres, while non-restocking forests cover 6,500,000 acres.

The present stand of timber is estimated to contain about 1,141,000,000 board feet. Of this amount, Oregon has a total stand of nearly 494,000,000,000 feet, Washington has 334,000,000,000 feet, and California over 313,000,000,000 feet. More than one-half of the total, or about 696,000,000,000 board feet, occurs in the Douglas fir belt of western Oregon and Washington. Douglas fir comprises approximately 558,000,000,000 feet, and of this 505,000,000,000 feet, or nearly one-fourth of the remaining saw timber in the United States, is in Washington and Oregon.

Cut-Over Area Large.

Already there is a cut-over area of approximately 6,125,000 acres, the report states. Of this amount about two-thirds is in Washington and Oregon, and a very large percentage is west of the Cascades in the Douglas fir belt. The area burned over annually in the three Pacific coast states is found by the forest service to amount to 450,000 acres, and the loss in timber to about 600,000,000 board feet.

The annual drain on the forests of the Pacific coast states is estimated to be about 11,330,000,000 feet, according to the report. The total annual growth of the forests is equivalent to about 2,100,000,000 board feet. Depletion of the forests, therefore, approximates three and one-half times the growth, while depletion of saw timber is approximately nine times the growth of the same class of material. One reason for the comparatively small amount of growth is, of course, the fact that very much of the territory is occupied by virgin stands.

In spite of the tremendous supplies of timber, in certain localities a large proportion of local timber has been ...

... provements, rapid depreciation of investments, and other losses which the industry, the community, and the consumer must shoulder."

Being Cut Rapidly.

The timber stand in California is being cut at the rate of about 1,500,000,000 feet annually. "Practically all of the cut, up to the present time, has been in the most accessible stands, whereas a considerable part of the remaining timber is comparatively inaccessible," the report says. "Logging operations are removing annually a little less than 2 per cent of western Washington's and less than 1 per cent of western Oregon's timber. Yet the reasonably accessible timber and that in private ownership is going very much faster; and, with decreasing southern pine production, enormous pressure to increase the cut may be expected."

As an example, the situation in Gray's Harbor county is cited: "About 20 years ago there were in this county 750,000 acres of timber and only about 75,000 acres of cuttings. Now there are 355,000 acres of stumps. One-sixteenth of the county's private timber land is being cut over annually. In 25 years the supply of privately owned virgin timber will be gone."

It has been found that in western Washington about 85,000 acres annually, and in eastern Washington 39,000 acres annually were cut over from 1909 to 1919. All things considered, it is expected by an authority on the lumber supplies of Washington that the privately-owned virgin timber supply of the state will be virtually gone in 20 years unless forest policies are changed.

Local Consumption a Factor.

Forest depletion in Washington has proceeded much further than in Oregon, the report says; and while an expansion of the industry in Washington under the increased demands from eastern markets may reasonably be expected, by far the greater part of the expansion may be looked for in Oregon. "The reason for the slower development in Oregon lies in the ...

... southern California alone used the equivalent of about one-half the total cut of the state, a per capita consumption of at least twice that of the whole United States."

Big Increase in Cut.

It can be expected, according to the report, that the lumber cut for the Pacific coast states as a whole will increase very materially during the next ten years. It says: "A gradual rise in logging costs is inevitable as the more accessible stands are cut, and it becomes necessary to extend operations to the more mountainous logging chances. The timber resources of the Pacific coast states are very large, but it would be very unwise to overestimate them, for much less than the total stand is readily available. Existing transportation facilities to the east are already overburdened with present traffic, and they will have to be very materially increased to meet the probable reduction in eastern and southern lumber cut during the next ten years."

Although the Pacific coast states have large amounts of timber, the report points out that they will be called on to supply increasing amounts of lumber for the whole country. The danger is that, like other forested regions, they will be considered "inexhaustible" until it is too late. While the government has established a number of national forests in these states which are devoted to growing timber, other measures are necessary to prevent depletion of the Pacific coast forests.

Relieves Bees of Labor

... bees being quite content to build upon it. One advantage of the aluminum sheets is that they are not fragile.

Safety First.

Preparatory to showing Charlie his new sister, his father said, "What do you say to getting a new baby at our house, sonny?" Charlie thought a moment and then said, "We'd better be careful, daddy; let's just rent one till we see how we like it, for Billy (Charlie's chum) says he is tired of ...

HER DAD

By LILLIAN M. RICHARDS

... Mrs. Newcomb had married some millionaire, and now her chances with Ted would be slim, indeed.

One Sunday about two weeks later, while Mrs. Newcomb was away for the day, in rushed her son, prepared to take his mother for a ride. As Effie explained the situation, he looked disappointed.

"Very well, then, we'll go," he declared, pinching the girl's cheeks.

"Really?" cried Effie, delighted at having him to herself for the day.

"Wouldn't you like to ride out to your home?" he asked, as they started toward the country. "I'd like to meet your family."

"Why—why yes—of course," stammered the girl, trying to look pleased.

"Fine," he replied, with a sly look in his eyes. "You know, I want particularly to meet your father. Now direct the way."

"Oh, dear," thought Effie, "I just know dad'll be sitting on the front porch, with his feet on the rail and his sleeves rolled up."

"Is this beautiful place your home?" asked Ted, turning into the driveway.

"Y—yes," admitted Effie, wondering if he were serious. Just then a white-haired, red-cheeked man came out on the porch.

"Well, well, well!" exclaimed her father. "My little girl at last." And as his great arms enfolded her slender body, she felt as a child again and her daddy was his old wonderful self. It seemed as if a veil had suddenly been torn from before her eyes. How could she ever have been ashamed of such a dad?

"I have some news for my little girl," said he, leading her into the old, square living room, where braided rugs covered the floor in front of the brick fireplace. "I—I want you to meet your new mother," he explained, as a kindly-faced woman came forward.

"Why, Mrs. Newcomb!" cried the girl, not grasping the situation, as Ted looked on with a grin.

"No, dear," she replied sweetly, "it's Mrs. Saunders now. I bought your beautiful home and then married your ...

HOT CROSS BUNS.

His First Client

Shouldn't Be Old at 70

STRIPES AGAIN TO THE FORE

Hats That Paris Presents

Julia Bottomley

WHY DRUGGISTS RECOMMEND SWAMP-ROOT

Sure Relief — BELL-ANS FOR INDIGESTION

BETTER DEAD — GOLD MEDAL HAARLEM OIL

ABSORBINE

For The Best Shine Ask For The Big Can — E-Z Liquid Stove Polish

Clear Baby's Skin With Cuticura Soap and Talcum

"One Oil Crop" Is All

Stock Raising In WESTERN CANADA

The next time you buy calomel ask for Calotabs

FRECKLES

Comes already sweetened — Grape-Nuts

WILLING TO PAY THE PRICE

THAT SMALL BROTHER AGAIN