

### Vast Treasure Is Stored Within the Confines of Crater National Forest

There stands today, in the Crater national forest in southern Oregon and northern California, awaiting the lumberman's ax, approximately 10,197,000,000 board feet of merchantable timber, made up largely of Douglas fir, yellow, white and sugar pine. But the inaccessibility of most of this timber at present, and the large private holdings in the same general locality, are likely to prevent the cutting of this vast lumber supply for some time to come. The foregoing statements are taken from a report, just issued by the department of agriculture, on the Crater national forest, the data for which was compiled under the direction of Martin L. Erickson, supervisor of the forest.

#### Whole Area Timbered.

This national forest, it is reported, is capable of yielding annually 90,000,000 board feet of lumber. Some of it is tributary to the Sacramento valley and to San Francisco, while other parts, at present inaccessible, will, with the completion of railroads now building or planned, become available for supplying several outside markets, particularly in the Rogue River valley and the Klamath region. The Crater national forest lies west and south of Crater Lake park.

The investigation made last summer in the Crater national forest showed that virtually the whole area is timbered; 70 per cent is covered with merchantable trees, 20 per cent bears stands of unmerchantable timber, largely young growth, and 10 per cent only is brush land or barren. Four-fifths of the entire drainage area goes to the Rogue River valley.

Concerning water power possibilities in the forest, the report says:

"Practically the entire lengths of Rogue river and its tributaries offer sites for power development. On the Rogue river the chief power sites are at Rogue River canyon, Rogue River falls, Mill Creek falls, Red Blanket falls and at the Gorge and Natural Bridge, all in the vicinity of Prospect, Ore. The Siskiyou Electric Power & Light company, successor to the Rogue River Electric company, already has a large plant on Rogue river at Gold Ray, and is constructing another on the Upper Rogue, near Prospect. This company, which furnishes most of the Rogue River valley with light and power, plans to establish an electric tramway from the valley to Prospect, a distance of 50 miles, for which the Rogue river will furnish power. Power sites are also found on Butte creek, on the

Middle Fork of Rogue river and on Whiskey creek.

#### 10,197,000,000 Board Feet.

"According to the best available estimates, the 10,197,000,000 feet of timber on the forest is made up of yellow pine, 1,767,000,000 board feet; Douglas fir, 3,234,000,000 board feet; sugar pine, 193,000 board feet; white fir, 2,204,000,000 board feet, and other species, 2,797,000,000 board feet. Of the trees included under 'other species,' noble fir, lodgepole pine, Engelmann spruce, incense cedar and western white pine are the most important."

After describing the localities where the various species most abound the report says:

"Over the whole forest about 60 per cent of the timber is mature, white much is fire scarred and dying. Barkbeetles are at work in the yellow pine throughout the forest, and in the past 25 years have done much damage to the standing timber of that species. On the area now included within the forest boundaries the insects have, in that time, killed approximately 48,880,000 feet board measure of timber. Many of the older Douglas firs are affected by a dry rot, which appears as white flakes or short streaks throughout the grain. As a rule this starts from the roots or a wound at the base of the tree, and extends upwards, so that while the first two or three logs may be affected, the remainder of the tree is sound. This rot is especially common in the Klamath lake region. White fir is especially susceptible to decay, and many trees above 40 inches in diameter on the forest are so rotten as to be valueless even for cordwood. In the cedar a fungus disease known as pencil rot is very common. Sugar pine on the forest is peculiarly free from insects, though it is often injured by windshake.

#### Lakes Are Used.

"The largest body of timber on the forest at present accessible is that growing on the Klamath lake watershed on the east slope of the Cascades. Here are arms of the lake in which logs can be rafted and taken to the railway at Klamath Falls, a branch to the railway at Klamath Falls, a branch line of the Southern Pacific, which furnishes an outlet for lumber not needed for local use. Logs for local consumption are rafted to other points on the lake.

"Much of the timber in the east slope of the Cascades and in the Siskiyou is at present largely inaccessible,

ble. The streams are not drivable without rather expensive improvement work, and to reach the only railroad, the Southern Pacific, means a haul of from 10 to 50 miles. Large private holdings, more accessible than the forest timber, will soon be logged by the lumber companies in the valleys and supply practically all the present local demand. The new line of the Pacific & Eastern railway from Medford to Butte Falls, already in operation, will, however, make accessible a considerable amount of the forest timber. It is planned further to extend the road up Willow creek over the Fish Lake divide to Pelican bay, which will take it directly through the forest and will make possible the logging of a great area. Butte Falls, which lies but a mile from the forest boundary, is even now a lumber camp of some importance with a well equipped sawmill.

#### Needs Cutting.

"From a silvicultural standpoint it would be desirable to get rid of the mature timber on the Crater forest, as fast as it could be cut. The present inaccessibility of most of it, however, would preclude the possibility of this, even were there not other factors to be taken into account. Of these factors, the large amount of privately owned timber in the region is one of the most important. The lumberman cannot be expected to hold his timber for any great length of time. He must pay taxes on it, must get some return for his investment within a reasonable period, and the longer he holds the timber the greater is the chance that it will be destroyed by fire. He has timber enough to meet a large part of the present demand, and will do so. But because in most cases he must market his timber now, he will not be able to supply the future demand, which, in the Pacific northwest at least bids fair to be much greater than the present. If the development of the country is to go forward with the same strides as in the past, there must be a permanent source of supply available when the timber from the private lands has been disposed of. National forests such as the Crater were created for just this purpose. Even if it were possible to throw all of its merchantable timber on the market now, no good and much harm would result, since the market would be overstocked without reason, the lumber trade demoralized and the amount of standing timber available in the

future, when the need for it will be real, greatly lessened.

#### Big Sale in Progress.

"It should not be implied from this that the timber on the Crater forest will not be disposed of, even at present, where there is need for it. One large sale for 100,000,000 feet is now in progress in the yellow pine type on the east side of the forest in the Klamath lake country. An informal application for another sale of approximately 100,000,000 feet on the west side of the Cascades, contingent upon the extension of the Medford-Butte Falls railroad, has been received, and the sale will probably be made when the road is opened.

"In the management of the timber on the forest, manifestly the first step will be to remove as much as possible of the dead, diseased and overmature timber which forms a considerable portion of the stand. All timber sales, for the present at least, will have this end in view."

The report shows that 30 per cent of the area of the forest has been burned over at one time or another, prospectors being responsible for most of the fires. In 1910 there were 37 severe fires in this national forest that killed 250,000,000 feet b. m. of merchantable timber.

#### Reforestation to Be Policy.

It is to be the policy to reforest the burned areas, and aid in the reforestation of such areas as may be cut over, giving preference to yellow pine, sugar pine and Douglas fir, which are the most valuable species native to this region.

The character of the country in this forest is said to be unsuitable to farming, but 35 homesteads, covering 3325 acres, have been established, principally in the lower valley. Hay is the principal crop. Last season, 4133 head of cattle and 9525 head of sheep were grazed in the reserve.

There is some prospecting for copper and gold in the Cascade part of the forest, but no mines, other than that at Elk creek, in operation. The Siskiyou portion, on the other hand, is described as a typical mining country. The report says:

"In the '60s and '70s much placer mining was done, and even today there is good placer mining along Sterling creek and Little Applegate river, but as a rule it has given way to quartz mining. Just south of this portion of the forest, in California, are the famous Blue Ledge copper mines, which, though yielding only a moderate amount of ore at present, promise to become among the richest copper mines in the west."

A timid or reluctant use of want advertising does not make a work-hunt prosper.

## Our Correspondents

### JACKSONVILLE

Neil Hanna of Seattle has been in town several days this week, making his old home a visit.

Attorneys W. E. Phipps and G. W. Cherry of Medford transacted business at the court house this week.

Mrs. M. H. Roundtree left for Pacific Beach, Wash., this week, where she will visit her daughter, Mrs. Ethel Christie.

W. A. Elliott of Foots Creek tarried in town a few hours Thursday.

W. H. Johnson is employed in the clerk's office now, working on the tax rolls.

District Attorney R. F. Mulkey was in town Thursday on business in the juvenile court.

Mrs. Bert Orr of Medford visited friends living here this week.

W. E. Parker, representing the Portland Realty association, was a business caller during the week.

Miss Fay Sears and O. Murray were the guests of Mr. and Mrs. Louis Ulrich last Sunday.

Judge Neil committed Effleta and Minnie Fredenburg of Medford to the Boys and Girls' Aid society one day this week, where they were immediately taken.

P. H. Daley of Eagle Point was shaking hands with old acquaintances the fore part of this week.

Misses Mary and Ambrosine Murphy and Miss Marie Lancing of Medford spent Sunday with friends living here.

Attorneys J. T. Wilson and Fred W. Mears were among the Medford attorneys in town this week.

Mr. and Mrs. B. Powers of the Willamette valley visited relatives living here this week. Mrs. Powers was formerly Miss Mary Pogue.

Superintendent Vance of the Pacific Telephone company was a business caller during the week.

The Native Daughters' society is meeting every Wednesday now preparing for the bazaar to be held some time in March. Everything to be used at housecleaning time will be sold, such as rag rugs, curtains, laundry bags, sofa cushions, etc.

#### NOTICE TO MINE OWNERS.

All persons who are desirous of securing space in the Medford Mining Jubilee Book on the mineral resources of southern Oregon and northern California, to be issued Feb. 1, 1912, should immediately call upon or address C. W. Patterson or Guy T. Thrasher, Nash hotel, Medford, Ore.

### BUTTE FALLS ITEMS.

Mrs. Cross of the Butte Falls hotel went to Medford Wednesday to buy supplies for her increasing patronage.

J. T. Bradley of Kent, Wash., with Mrs. Hittson of Medford, came on a visit to Mr. Peeler of Butte Falls Wednesday. The three are cousins and had not met for many years.

The Commercial club is in constant communication with persons who are looking to Butte Falls for their future home.

Rev. J. E. Day and wife are occupying the new bungalow near the depot, lately erected by M. P. Baker.

A large force of railroad men is expected here this week to do necessary work on the road.

A 12-mile extension is expected to be built next summer which will extend the Pacific & Eastern to near Mount Pitt.

Since the snow left us new sidewalks are being built.

A Dr. Fields was here on Monday looking for a suitable location for his practice, but Butte Falls is so healthy it could offer no inducements. No one is sick or diseased, the Pacific & Eastern railroad men are so sober and cautious that we have no accidents and we know nothing of the hurly-burly of more strenuous towns, for as O. Adams says the people here do not have to work so hard, for Butte Falls is the Garden of Eden.

Seating room for 50 more has been provided in the Assembly hall to accommodate the increased attendance.

The young people manifest a great deal of interest in music and singing. A school orchestra is just beginning to practice.

#### Haskins for health.

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It Means Original and Genuine **MALTED MILK**  
The Food-drink for All Ages.

More healthful than Tea or Coffee. Agrees with the weakest digestion. Delicious, invigorating and nutritious. Rich milk, malted grain, powder form.

A quick lunch prepared in a minute. Take no substitute. Ask for HORLICK'S. Others are imitations.

### Attention Dairymen and Stockmen

Just received a car of registered and grade Holstein cattle. They were the mortgage lifters of the Ohio Western Reserve and can do it here. All from the noted DeKola strain, imported from Holland. Best herd west of the Cascades. Prices are right. Phone 733; party R-4 or visit our ranch on Rosa Lane. **TICKNOR & DOOLITTLE**

### Children's Eyes



require careful watching, especially in the case of studious scholars. At the first sign of weakness they should have their eyes examined, and, if necessary, glasses should be worn. But any kind of glasses will not do. Bring the child to me and I will guarantee to fit the right lenses so as to improve the vision and remove any headaches that may result from eye-strain.

### Dr. Rickert

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that grow **TREES**  
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The teeth are of vital importance to good health and if you wish to enjoy your meals and thus keep yourself in perfect health you must give your teeth the proper attention necessary to keep them in good condition,



otherwise a bad stomach will invariably be the result, and from a bad stomach will develop a perpetual frown, which will cause you to be shunned and avoided by other people on account of your disposition. Do not delay any longer if you feel that you are in need of Dental work, come in for free examination and estimate on your work. You get only the best treatment in this office and all work done here is guaranteed. We use only the best materials money can buy.

## LADY ATTENDANT

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|-----------------------------------|--------|
| 22 Karat Gold Crowns . . . . .    | \$5.00 |
| Porcelain Crowns . . . . .        | 5.00   |
| Bridge Work (per tooth) . . . . . | 5.00   |
| Silver Fillings . . . . .         | 1.00   |
- AND UP.

- |                                   |        |
|-----------------------------------|--------|
| Gold Fillings . . . . .           | \$1.50 |
| Full Set of Teeth on Rubber Plate | 7.50   |
| Best Set of Teeth on Rubber Plate | 10.00  |
| Painless Extraction . . . . .     | .50    |
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