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Columbia County BANK

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All Work Guaranteed. Estimates Furnished.

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Plumbing and Heating Sheet Metal Work

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Watchmaker and Jeweler. All Work Guaranteed.

Optical Goods St. Helens Or.

White Clothes for Clean People

ST. HELENS LAUNDRY

Under new management Watch for the Wagon Monday

G. F. ROBERTSON

ANTHRACNOSE MENACE TREES

Apple tree Anthracnose is one of the most destructive diseases the orchardist will have to combat in Columbia County. The disease is confined almost entirely to the coast counties of Oregon and Washington. It is commonly called "Dead Spot," "Black Foot," or "Apple Canker."

The disease is easily recognized in mid-summer by the presence of elongated cankers or sunken areas in the bark of the smaller branches of old trees, and on the trunks and branches of young trees. In the fall or early winter they appear as round, sunken, dark-colored spots, which slowly enlarge and elongate making little visible growth during the dormant season. But on the advent of Spring they continue to grow rapidly. The cankers are mature in mid-summer when the active spread ceases. At this time the cankers are deeply sunken and dark in color, with a limited crack around the edge.

Apple tree Anthracnose is caused by a parasitic fungus; this fungus lives at the expense of the tree, the host plant, absorbing the juices.

The presence of little elevations in the bark of the cankers is observed in mid-summer, these are at first more or less conical in shape and thickly scattered in the sunken area. They gradually enlarge and finally burst the outer of the bark and expose the cream colored mass of fungus tissue, these are the ascocelli or fruiting bodies and bear the reproductive cells of the fungus which are very minute, invisible to the naked eye except in mass and are produced in countless thousands in the pustules already described.

They are held together during the dry weather by a sticky substance and are liberated by the first fall rains, when they are broadly distributed by wind and rain, often being carried for long distances. Moisture is necessary for the growth of these spores, which under proper conditions grow out into slender tubes, which penetrate the bark of the apple tree, ramifying in the tissues, killing them and producing the typical cankers.

Infection takes place any time after the fall rains begin, the majority of infections occurring during November and December.

In treating a fungus disease of this nature it is important that the tree be covered with some fungicidal substance that will prevent the germination of its spores and so keep the fungus from entering the tissues. After the fungus once enters the bark, no treatment can be applied that will kill the fungus and not kill the tissues as well, the treatment must be preventive and not curative.

It has been found by investigators as well as by growers that the only satisfactory method of controlling the disease is by spraying before infection takes place with the Bordeaux or lime and sulphur. I feel safe in advising growers who are bothered with Anthracnose to spray with lime and sulphur, summer strength, before the fall rains begin, which in many cases is before the fruit is picked, this will not discolor the fruit. While it is desirable to get ahead of the fall rains the application may be made any time that the weather permits. In serious cases a second spraying should be given about two weeks later than the first. Spraying after the middle of December is not recommended.

Badly infected branches should be pruned out preceding the fall spraying. In young orchards where not too large, it might be profitable to pare off the outer bark of the brownish diseased spots which exposes the disease to heat, which in many instances kills it, permitting the wounds to heal over, this can be practised only in the early stages of the infection perhaps not later than the last of December.

The treatment recommended will entirely control the disease, and should be practised every year as a matter of insurance, beginning when the orchard is young. If this is done no opportunity will be offered for the disease to become serious.

J. W. POMROY County Fruit Inspector.

THE RAILROAD LANDS

A copy of the speech made by Congressman Lafferty on House Joint Resolution No. 121, directing the Attorney General to employ at least one resident attorney of the State of Oregon as associate counsel in behalf of the Government to aid in the further prosecution of the suit against the Oregon and California Railroad, has reached the Mist office, and from it anyone can learn a lot of this case, which Mr. Lafferty describes as the biggest real estate suit ever filed. All told there are 2,300,000 acres of land involved, and some of it is among the finest in the state.

This land was granted under an act of April 20th, 1860, which read in part as follows: "And provided further the lands granted by the act aforesaid shall be sold to actual settlers only, in quantities not greater than one quarter section only, and for a price not exceeding \$2.50 per acre. It is a big suit, and the outcome of it is hard to foresee. Of course the railroads will fight it to the finish. Their claim is that the terms of the grant are so indefinite that the provisions cannot be enforced. The present suit seems to be for a forfeiture of the land,

and this Mr. Lafferty does not approve of, as he thinks that the present holders should merely be forced to comply with the provisions under which the land was taken and sold to actual settlers.

Sixty five settlers went upon the land in 1907. After building their homes and moving in they applied to the company's secretary at Portland to buy their claims in accordance with the acts of Congress. The company refused to sell. Thereupon the settlers brought suit in the Federal Court at Portland in the fall of 1907, to compel the company to sell them at \$2.50 per acre. April 30th, 1908, Congress, by joint resolution, authorized and directed the Attorney General to institute a suit in behalf of the Government.

In its bill of complaint the Government asked that the 2,300,000 acres of unsold lands revert back, or that receivers be appointed to sell the lands in compliance with the terms of the grant.

If the lands are forfeited to the Government, there is little doubt but that the people who have settled upon them in good faith would be allowed to remain and would be given a patent for the lands. There are many settlers on the railroad lands in this county, but what few there are have some mighty fine claims and would like to see the case settled. Also, if this land is thrown open it will bring a large number of new people into the county.

Adjudged Insane—

Joseph Welch, aged 56 and a newcomer from Friend, Nebraska, was committed to the state insane asylum from this county on Wednesday last. Welch is a man who was absolutely harmless, but required constant watching. He wandered away from his home at Deer Island, where he was living with his son, a week ago Tuesday and came to Houlton. He had taken a gun with him and his folk thought he was lost in the woods, and so notified the authorities here. When he arrived in Houlton he started out to make his presence in town known. Going to the barber shop he got a shave, and asked Mr. Gerdes if there was any property in that neighborhood for sale. Mr. Gerdes is in the real estate business, and has lots all over this section, and he thought that Welch was a newcomer who was looking for a nice place to make a home. He showed him two bunches of lots, one worth \$400 and the other \$450, making in all \$850, and Welch agreed to take them but thought that the price was too low and said he would make it \$900. Money was absolutely no object to him and according to himself he had more of it put away in a bank in Friend than all of the banks in the State of Oregon contain. By evening he was so well known at Houlton that Marshal Long was taking care of him, and he soon graduated from the little jail at Houlton to the strong box in the basement of the court house. Before being picked up he had passed several small checks on different people, but in the aggregate they will not amount to more than a few dollars. Welch, his wife, daughter and grand daughter are but newcomers here, and his folks are the complainants in the matter, as he is undoubtedly insane. The attendants of the O. S. I. A. came down and took him away Wednesday evening.

LIVE WIRES CAMP

Last week was a red letter week in the lives of the members of Mr. Rutherford's Sunday School class. Accompanied by Rev. A. A. Heist the boys started for Camp Live Wire on the headwaters of the Clatskanie, Wednesday morning. The thirteen miles from St. Helens to the camp were covered before noon and in a remarkably short time after arrival all hands were full of "ham and." After dinner tents were pitched, cedar bough beds built, wood gathered, etc. In the evening after dishes had been washed (and wiped!) and a camp fire started, the boys organized themselves into a city government. The dignity of mayor was thrust upon Cecil Ross. Mat McKie and Roy Laws became apt imitators of the best of our city fathers in the capacity of councilmen. Charles Smith assumed the role of marshal while James Adams became the dispenser of justice by virtue of his office as recorder. To say that all had a good time doesn't begin to convey the thought of the boys. They were true to their class name in every sense of the word. From reveille at 5:30 in the morning to retreat at 9:00 in the evening, there was something doing every minute. Of course most of the big fish got away but the smaller ones tasted quite as good.

The climax of fun came with the session of the recorders court, Friday evening. It was a day of judgment to not a few who were guilty of violating the unwritten laws of the camp. Judge Adams meted out justice with an iron hand and more than one had occasion to remember other hands for some time.

At eight o'clock Saturday morning the company began the return march for home but each with the firm resolve to go again next year. It has now been definitely determined that the regular attendants of the class will camp at the coast next year. Hurrah for the Live Wires.

WANTED—Man to cut wood on shares Location one mile N. W. of St. Helens, Address C. S. RUHL, St. Helens Ore.

CRESCENT

Raises the Dough

Chemists and Authorities state that Crescent is pure and wholesome. Sold by Grocers



FULL POUND 25c

CRESCENT MFG. COMPANY, SEATTLE

EXCURSION FARES EAST 1911

From All Points on

Oregon-Washington Railroad & Navigation Company

TO	FARES
Chicago	\$72 00
Council Bluffs	60 00
Omaha	90 00
Kansas City	60 00
St. Joseph	60 00
St. Paul	60 00
St. Paul, via Council Bluffs	63 00
St. Louis	70 00

SALE DATES

May 16, 17, 18, 19, 22, 23, 24, 25, 27, 28 and 29

June 5, 7, 9, 10, 12, 16, 17, 21, 22, 28, 29 and 30

July 1, 2, 3, 4, 5, 6, 19, 20, 26, 27 and 28

August 3, 4, 5, 14, 15, 16, 17, 21, 22, 23, 28, 29 and 30

September 1, 2, 4, 5, 6 and 7

Inquire of any O.-W. R. & N. Agent for more complete information, or

WM. McMURRAY

General Passenger Agent, Portland, Or.

Excursions East: Low Round Trip Fares



May 16 to 19, 22 to 25, 27 to 29

June 5, 7, 9, 10, 12, 16, 17, 21, 22, 28, 29, 30

July 1 to 6, 19, 20, 26, 27, 28

August 3, 4, 5, 14 to 17, 21 to 23, 28 to 30

September 1, 2, 4 to 7

St. Paul.....\$60 00

Minneapolis.....60 00

Kansas City.....60 00

Omaha.....60 00

Duluth.....60 00

Winnipeg.....60 00

Chicago.....\$72 50

Milwaukee.....72 50

St. Louis.....\$70 00

Denver.....\$55 00

Colorado Springs.....55 00

New York.....\$108 50

Philadelphia.....108 50

Washington.....\$107 50

Baltimore.....107 50

Boston.....\$110 00

May 12, 13—Minneapolis and St. Paul, \$60 00.

A variety of routes going and returning is open for selection. Return limit October 31st. Stopovers are allowed in each direction.

J. O. DIVENS, Agent, Houlton, Oregon.

W. E. COMAN, Gen. Freight and Passenger Agt.

FOR SALE—Six head of good grade jersey cows and sixty head of Angora goats.

J. W. VAN NATTA

FOR PORTLAND DAILY

STEAMER

AMERICA

Leaves St. Helens 6:00 A. M.

Arrives at Portland 10:30 A. M.

Leaves Portland at 2:30 P. M.

Arrives St. Helens at 6:30 P. M.

WHY—Buy inferior flour when you can get the famous White River Flour at Harrison's Pure Food Grocery?

ORRIN BACKUS

CIVIL ENGINEER

RAINIER, OREGON

DR. H. R. CLIFF, Physician and Surgeon

Announces the removal of his office to 912-14 Selling Building, Portland, Oregon.

Phones Main 3392; A-3226; Res. E. 4657

Claude M. Johns

Attorney and Counsellor at Law

Practice in all Courts

Clatskanie Oregon

Summons.

In the Circuit Court of the State of Oregon for Columbia County, Florida Dorral, Plaintiff, vs. Eli Dorral, Defendant. In the name of the State of Oregon, you are hereby required to appear and answer the complaint filed against you in the above entitled court and cause on or before the date of the expiration of the time prescribed in the order for the publication of this summons, said date being the 29th day of September 1911, and if you fail to so appear and answer, judgement and decree will be taken against you for want thereof as specified in the said complaint, to-wit: For a decree dissolving the bonds of matrimony now existing between the plaintiff and defendant, and for such other and further relief as to this Court may seem meet and equitable.

This summons is served by publication thereof in The Oregon Mist, a newspaper printed and published at St. Helens, Oregon, by order of the above entitled Court, made, dated and filed therein on the 24th day of August, 1911, which said order requires that summons in this suit be published once a week for six consecutive weeks.

Date of first publication thereof August 18, 1911.

Date of last publication September 29, 1911.

Sweek and Fouts, Attorneys for Plaintiff.

Notice of Final Account

Notice is hereby given that the undersigned as guardian of the person and estate of Donald Keith Carr, a minor, has filed her final account in the County Court of Columbia County, Oregon, and that said Court has set Tuesday the 5th day of September, 1911, at 10 o'clock A. M. as the time for hearing of objections to said final account and the settlement of said guardianship matter. All persons interested are hereby notified to appear on or before the time above mentioned and show cause, if any they have, why said account should not be approved and said estate settled.

Mrs. E. B. Carr, Guardian of the person and estate of Donald Keith Carr, Minor.

Date of first publication August 4th 1911.

Date of second publication September 1st 1911.

MMONS

In the Circuit Court of the State of Oregon, for Columbia County, Luvena Saling, Plaintiff, vs. Oliver P. Saling, Defendant. In the name of the State of Oregon, you are hereby required to appear and answer the complaint filed against you in the above entitled suit on or before the 22nd day of September A. D. 1911, the same being the last day of the time prescribed in the order for the publication of this summons, and the said period of time being six weeks from the day of the first publication of the summons, and if you fail to so appear and answer said complaint, the plaintiff will cause your default to be entered and apply to the Court above named for the relief demanded in said complaint, to-wit:—for a decree dissolving the bonds of matrimony now existing between the plaintiff and the defendant, and awarding to the plaintiff herein the exclusive custody and control of plaintiff and defendant's minor child, Opal M. Saling, and for such other and further relief as to the Court seems meet and equitable.

This summons is published by order of the Honorable James Hart, Judge of the County Court of the State of Oregon, for Columbia County, the same being the County where said suit is pending, made and dated August 10 A. D. 1911, which order provided that service of summons in this suit be made upon you by publication once a week for six consecutive weeks, which time will begin to run from the day of the first publication hereof, and the time within which you are required to answer said complaint is on or before the last day of the time prescribed in said order for publication, to-wit, September 22nd 1911.

The date of the first publication of this summons is Friday August 11th 1911.

Chas. M. Johns, Attorney for Plaintiff.

THE WHITE



If you want a high grade sewing machine which is a

World's Standard of Excellence

buy the WHITE. The machine is unsurpassed for simplicity, durability and the character of the work it will do. It is made in two styles, the Vibrator Shuttle and the Improved Rotary Shuttle. The latter machine sews either a lock or a chain stitch. There are a number of styles to choose from and the wood work is the handiest possible.

LOCAL DEALER

J. Muckle & Son

Notice

I will not be responsible for any debts contracted by the Columbia Packing Co. Horace Allen. July 10—1911. J. B. HOWELL.

NOTICE

Having been told that certain peddlers have represented that they are selling my products, I wish to state that I have no connection whatever with any such parties. L. ROSASCO.

GEORGE H. SHINN

ATTORNEY-AT-LAW

OFFICE: BANK BUILDING

ST. HELENS, OREGON

DISSOLUTION NOTICE

June 23 1911

Struts & Fortney cedar Company have this day dissolved Partnership agreement, all collections will be made, and all debts paid by H. E. Fortney. H. E. FORTNEY.

FOR SALE—

New 8 room house, 6 choice lots for garden, bearing fruit trees, fenced, improved with electric lights and sidewalk, three blocks from Columbia River, one block City park, St. Helens. Price \$2300.00, a fine home. John Rubens