

Wood River Glacier.

FRIDAY, MARCH 10, 1899.

The Farmers' Institute.

The farmers' institute held here last Friday and Saturday was the most successful in point of numbers and interest taken of any ever held in Hood River. R. C. Judson, industrial agent of the O. R. & N., gave his whole attention towards making the institute successful. Among those from the agricultural college in attendance were Dr. Jas. Withycombe, Professors A. B. Cordley, E. R. Lake, G. W. Shaw, and A. B. Leckenby. Deep interest was taken by our farmers and fruit growers, and their questions and experience given added greatly to the interest of the occasion. The professors were eager to have questions propounded and cheerfully gave the results of their experience or the knowledge gained by others.

The institute was called to order Friday afternoon, at 2 o'clock, by Hon. E. L. Smith, who presided till his final adjournment Saturday night. The chairman first introduced Dr. James Withycombe, who addressed the institute on the theme, "Tillage a Factor in the Conservation of Moisture." The discussion that ensued was participated in by W. W. Phillips, W. A. Slingerland, G. R. Castner, C. E. Markham and C. G. Roberts.

Prof. Cordley was next introduced and talked upon the subject of the codlin moth and the time to spray. He had had experience in Vermont, Michigan and Oregon, and showed by his talk that he thoroughly understands his work. He said he could not recommend the arsenite of soda as a spray, as it sometimes burned the foliage. The time to spray was, first, when the work of the codlin moth first appeared on the apples, about July 1st; again, August 1st, and then September 1st, and if the weather kept warm, another spraying should be given about September 20th. It might be well to spray first when the blossoms fall, but he didn't think it necessary. Questions were asked and the subject was discussed by E. L. Smith, L. Henry, W. A. Slingerland, Prof. Shaw and others. Mr. Smith stated that the arsenite of soda had proven a safe and effective spray with himself and neighbors last season and that they would use it again.

Saturday was an ideal spring day and the attendance and interest in the institute increased. The morning session opened by Chairman Smith introducing T. S. Townsend of Portland, whose lecture on "Dairying and Cattle Feeding" was interesting to its close. He said dairying and fruit growing should go together and thought Hood River valley admirably adapted to dairying. He showed the necessity of breeding up and keeping only good stock by comparing results from common stock and thoroughbred. Common cows were too often boarders that did not pay board. Gentleness in handling cows always gave good returns. In the discussion that followed H. M. Williamson gave his ideas of fertilizing orchards by keeping cows. He thought the time would come when Hood River would be noted for dairy products as it is now for fruit.

Prof. Lake read an excellent paper from Hon. Emil Schramm on fruit growing which referred particularly to Hood River. The GLACIER intended to publish Mr. Schramm's paper, and also part of Mr. Townsend's, but the copies of both were given to the Oregonian reporter with the expectation that they would be published in that paper and thereby given wider circulation than could have been obtained by publishing them in the GLACIER.

H. M. Williamson addressed the institute upon the subject of agricultural and class papers in general, and showed that farmers were slower in patronizing their papers than any other class. One excuse for this is that the farmer is too often the best able to subscribe for a paper. He deprecated this fact and hoped to see the day when farmers would be better situated, as a class, than they are today. The better class of farmers were those who kept abreast of the times and aimed to be among the first to learn of anything that would help them in their line of work.

Saturday evening, Prof. Leckenby talked on the subject of grasses. A large audience, with music by local talent, closed the institute. Miss Sary Tracy, the expert cook, gave a lecture in the ladies' hall at 7 o'clock on Saturday, which lasted till 10 o'clock. Her lecture celebrated for its many good cooks, and it seemed as if the hall would be turned out to meet Miss Tracy with a determination to learn from her more of the secrets of the culinary art. Through the kindness of Messrs. Dallas & Spangler, a cook stove was set up in the hall, and the ladies had provided the necessary utensils and materials for the lecturer's practical illustrations. Among the delicacies dished up in the short time she had to prepare them were prune pudding, orange pudding, potato salad, mayonnaise dressing and gold sauce.

The audience was delighted with the lecture and many got new ideas in cooking that will be useful. Mrs. W. A. Slingerland assisted Miss Tracy in preparing the articles and ingredients used in cooking the different dishes. Mrs. E. L. Smith and Mrs. Geo. P.

Crowell were among those who provided the materials. Prof. Leckenby kindly assisted to be fireman.

Mrs. John Parker presented the institute with a big basket of Yellow Newtown Pippin apples, grown in her orchards, which were admired by all present. Chairman Smith distributed them to all strangers in attendance.

Miss Wethered of Portland reported the proceedings of the Associated Press.

S. J. Lasher represented and reported for the Pacific Farmer.

J. W. Redington, better known as J. Watermelon Redington, was the reporter for the Oregonian. That quiet, unassuming gentleman who sat at the right of Chairman Smith, looking as if he might be secretary of the meeting, was Mr. J. W. Redington. Nothing escaped his observation while he gathered material for a report that would have filled more than two pages of the Oregonian had not the frost cut it down to a column to fit the space. Mr. Redington is a writer of considerable note and acknowledges being the author of "Beautiful Snow" and other campaign lines. It was him that brought the Nez Percés war to a finish and followed the red warriors from his ranch in the Heppner Hills to the Bad Lands of Montana, where Chief Joseph was glad to see for peace and help to make heavier the white man's burden. Mr. Redington is a retired newspaper publisher. It was his long suit to start a newspaper in a town and neighborhood that was on the decline, when the mortgage always gave him a chance to move before the community took active measures to accelerate his departure.

At the close of the institute the following resolutions were adopted:

The people of Hood River valley, recognizing the benefit conferred upon this community by the state agricultural college and the Oregon experiment station in holding institutes and imparting valuable information acquired from the work and study of these institutions, hereby acknowledge our appreciation of the efforts made to advance the interests of horticulture and agriculture in this locality, and offer the following resolutions:

That our thanks are due in a large measure to Professors Shaw, Leckenby, Lake and Cordley, and Dr. Withycombe and Messrs. Phillips, Townsend and Williamson, for the able papers, addresses and talks on the various subjects presented for the consideration of their auditors. We feel the seed has not all fallen on stony ground, and assure them a hearty reception at any future time they may visit us on similar errands.

That we thank the transportation companies for their efforts to further the success of the institutes by giving reduced rates of fare, and for the development of new lines of product and industry in our state.

Signed by E. E. Savage, J. P. Watt and R. R. Allard, committee.

Land of the Apple.

Special correspondence of the Oregonian, HOOD RIVER, Or., March 5.—Hood River valley has acquired a well deserved reputation for producing superior fruit, although its location on the map, in the heart of the Cascade mountain range, would not indicate that it was a fruit producing region. Just now many of the apple growers of Hood River valley are selling their winter apples, getting \$1.25 net per box of 50 pounds of the best kinds. Freight on apples to Portland is only 5 cents per box. A good Hood River apple tree will yield 10 to 15 boxes a year.

The traveler by train passes Hood River without seeing much of it, or getting an idea of the size of the town, which is picturesquely located on a gentle slope above the railroad, among oak openings, and contains many tasteful homes.

After the streets shall have been graded and sidewalked, it will cause the houses to be terraced, and much more attractive appearance. The town's population is 500, with a tributary trading population of 2500. The benches and valley are settled up for a length of 20 miles, and apple orchards and strawberry patches predominate. Wheat and corn for home use is raised, and there is a grist mill six miles up the river. Last season Hood River raised and shipped 37,000 crates of strawberries, which netted \$1.25 a crate. They were shipped early to Montana, mining camps, and later on to Denver and Chicago. The Hood River strawberry is justly famous. This valley raised 20,000 boxes of apples last season, of which 3,000 are still held.

Hood River is blessed with pure mountain water piped over the town. During eight months the climate is delightful and winter lasts about four months. Although generally quite open, one of the past winter's storms deposited two feet of snow, and the thermometer registered 4 degrees below zero. The annual rainfall here is 35 inches, and 120 inches at the Dalles. The town is 35 miles east of Portland, and 25 west of the Dalles. Hood River is a temperance town—never had any saloons. The town's streets are dark except on moonlight nights, but the river has a standing proposition to furnish electric illumination whenever the head of man will lend a hand with fixtures.

For 10 miles up Hood River the average fall is 50 feet per mile, according to careful computations made, and this will afford available water power of 10,000 horse power to the mile. The immense water power will not always be allowed to run to waste, and there is a present prospect that in the near future some of it will be used to run the second largest flouring mill in the state. Hood river is 25 miles long, and at its source has made arrangements for an inexhaustible supply of ice and snow, so there is no trouble about the stream making power while the sun shines.

It would seem that in the due course of a progression many manufacturing enterprises will flourish on the banks of Hood River. There is the natural water power, the raw material, and the transportation facilities. The Portland market is reached by daily boat, and

markets east and west are reached by O. R. & N. trains, and people here say that they have the best railroad line on earth to do business with. It fosters and encourages their home industries and seeks a long line of development, and its industrial agent, R. C. Judson, is ever active in locating new industries along the line and explaining conditions to people who want to leave frozen localities and locate more pleasantly and profitably.

On the south bank of the Columbia, just above the mouth of Hood river, the new Davidson sawmill is now being constructed, and its owners expect to have it cutting by the middle of April. They have let logging contracts for 5,000,000 feet to be delivered by June 1st, the logs to come from up Hood river, and from White Salmon, on the Washington side of the Columbia. It will be a modern mill, with all up-to-date appliances, and can ship its products both by rail and boat, and its capacity will be 20,000 feet per hour. It will employ 300 men, most of whom will be men of families, who will come with the mill from Ladross, Wis., where Mr. Davidson has operated one of the largest sawmills for many years, and now that the timber of that locality is about exhausted, he comes to new forests to establish his sons in a region where logs will be lasting for long years to come. Sixty acres of land and Columbia river front will be acquired, comprising part of the Button ranch, and the spreading mouth of Hood river will be touched so as to shoot logs right into the mill boom in an eddy of the Columbia. Last lake, 18 miles up Hood river, will be used as a natural reservoir.

A large building is being built to accommodate the fruit canning here, which has outgrown its old quarters. It makes a specialty of putting up strawberries and apple jam, and in its new quarters will employ 75 people. There is also a box factory which seems to have its hands full of business, and Robert Rand is about to start a brickyard.

Residents of Hood River claim that they have one of the most healthful localities in the world, and their claims seem to be well borne out by the appearance of the people. The children you see on their way to school are perfect pictures of health, and the dear little 2-year-old babies seem to be forgetting their clothing with general plumpness.

Judging from experiences told here, fruit raising would be an ideal pursuit were it not for the bugs lying in wait at the first end of the crop, and the bugaboo commission man waiting at the other end. A man can rise at early dawn with a clear conscience, start the fire in the kitchen stove, and forgetting to fill the teakettle, call his family to step out on the porch and inhale the splendid, life-giving ozone and see streaks of sunshine begin to chase each other along the grand sentinel peaks surrounding his home.

Then, while the teakettle is burning its bottom out, he can take a stroll through his orchard and maybe he will find the glorious morning sun warming into new life a new brand of bug. Then he has to go to his library and read up on bugs to find out if it is best to take a fine-tooth comb and catch all these new bugs and donate them with open arms to hospitable graves, or would better invite them in to breakfast, and encourage them to stay, for they may be a bug that will eat up other bugs. And if he finds a half circle on a tree to show that a cut worm has been operating in the dark with his little hatchet, he has to go and get an old cavalry saber, order the grub to come out of the ground, and cut off his cutter. The cut worm then dies, of course, but all his relatives come to the funeral, and continue the good work of cutting, and the saber gets dull chopping off their heads. If stout soldering irons, heated to about 400 degrees, were tamped to the tails of all codlin moths, they would refuse to stay where they are not wanted. They have brains enough to take such hints, and if the town marshal would serve a vag notice on every bug as he steps off the baggage car at Hood River, all pests might be kept from getting up to the valley orchards, and raising fruit would be a delightful dream. At the new orchard about to be started for raising brick, no arrangements are as yet being made to fight codlin moths, and perhaps this persistent pest will not bore into brick-bats, as it might induce too profuse perspiration. How to raise eggs without chickens and mortgages without money may not be easy, but it may be possible to cross a locust with an apple and raise a fruit that a codlin moth or anything else will not dare to tackle.

J. W. REDINGTON.

Letter from Howard Isenberg. MANILA, P. I., Jan. 1, 1899. Happy New Year! Dear Folks at Home:—This is the first day of the new year and I am in hopes that before another year rolls around I will be at home. It does not seem like a New Year's day for it is about as warm a day as we have had, but for all of that, everybody is happy and in good spirits. We had a fine dinner at my mess, and among other things plenty of Hood River fruit, for which we thank the folks at home and especially Agnes Dukes. She sent me several cans of fruit which I enjoyed very much, not only myself, but all the members of my mess. They join me in sending sincere thanks. I do not know whether I have ever told you where I mess. There are ten clerks here at headquarters. All of us receive commutation of rations, which amounts to 75 cents (gold) per day. We have a quartermaster sergeant that looks after everything. He is an Oregonian. We have bought dishes, cooking utensils and have a nice table to sit down to. We pay our cook \$16 (dix) per month and \$15. Our writer also tends to our rooms and personal effects. Do you see I am not suffering very much from hardships of war, but nevertheless I would like to be at home with my ma. I am very sorry to see so many of our boys writing home condemning their officers. I will say this, many of the letters that have been published in the Oregonian, from certain boys here, are simply misstatements and should never have been printed. I feel confident that those same writers will see the day when they will be ashamed of their actions in this matter. Certainly we all had to put up with many hardships, but I am not expected as much before starting, and the only thing that has surprised me is that we have gotten off as easy as we have. On the best we had poor food for a while, but it was

Continued on third page.

Bean Spray

PUMP. Best in Use. This pump can be seen at the store of A. S. BLOWERS & SON, W. M. TILLET, Agent.

Throw Away

Your old clothes, Boots and Shoes, Hats and Caps, or anything else not first class, and come in and get new goods of us at one-half former prices.

A. S. BLOWERS & SON.

All Teams stop at Reciprocity Corner.



Hood River's Leading Business House. COMBINATION MEAT MARKET

AND

Grocery Store.

The Best Dressed Meats, wholesale or retail, at prices lower than Portland prices. No contract too large for us. Logging camps and railroad camps, take notice.

Finest Line of Cured Meats in the city. We guarantee our sugar-cured Hams and Breakfast Bacon. If not absolutely first class we will take them back and refund the money. Breakfast Bacon is simply out of sight. If not as represented it costs you nothing.

The Purest Open Kettle Rendered Lard, put up by us. We guarantee it also.

Fresh Creamery Butter at 45c per roll. We receive it twice a week, so it is always fresh. Our trade in this, as well as in other lines, has increased greatly, because we keep a first-class article.

Fine Lot Fresh Staple Groceries just received, which we will sell at prices to meet any competition.

Flour and Feed. We handle two grades of Flour.

Our Stock of Canned Goods, Extracts, etc., is constantly kept up to date.

Seeds. Choice Flower and Vegetable seeds, government tested and Northern grown! We guarantee them. If they don't come up, bring them back.

Onion Sets, two pounds for 25c.

Do not forget to call on us Saturday, as we shall have special sales on many articles on that day of each week.

We are not in business for our health, but we believe in making honest prices on all articles which we handle, and we expect to make a profit on everything we buy or sell; and we accord the same privilege to our customers, as we expect them to make on what they sell us and also on what they buy of us. If this maxim does not govern there could be no permanent success. We sell at honest and fair prices, and we buy in the same way. That the public appreciates our way of doing business is shown from the fact that our business has quadrupled in the last six months, and during that period we have been compelled to trouble our fore in order to give the public the accommodation necessary.

Store opens at 8:30 A. M. and closes at 7:30 P. M. every day except Sunday. Sunday, store open from 8 A. M. to 2:30 A. M.

CLYDE T. BONNEY, Proprietor.

Not All Birds

Can sing, but this SINGER is a bird. We are selling Singer Sewing Machines for \$25 cash, or \$90 on the installment plan; \$10 down, balance in monthly payments of \$5 each. These are high-arm, five-drawer machines, finished in oak, with all modern improvements. No one need be without a sewing machine at these prices and on these easy terms. Come and see them.

G. D. WOODWORTH. Dealer in General Merchandise, Farm Implements, Lumber, etc. Hood River, Oregon.

Portland Price.

Yarn You women wire Mattress	22 50
Common woven wire Mattress	1 50
Wool Mattress	2 50
Excelsior wool Mattress	2 25
Bedsprings	1 50

I challenge any one to get lower prices in Portland on these goods or any others that I have to sell.

S. E. BARTMESS.

GEO. T. PRATHER,

Justice of the Peace, Notary Public for Hood River District, Oregon.

I am prepared at all times to draw and execute Deeds and Mortgages, and all kinds of legal papers carefully prepared.

I am also prepared on short notice to furnish correct Abstracts. Also represent the oldest and strongest insurance companies, so if you want your property insured don't fail to call on me and read policy in a reliable insurance company.

And when it comes to Real Estate, I am the one you want to see. If you want to buy, sell or rent any land in Hood River valley or White Salmon, don't fail to call on or write to me. I also negotiate loans on real estate. I have been a resident of Hood River valley for 18 years, therefore am thoroughly acquainted with the valley. GEO. T. PRATHER, Hood River.

Cash,

AND CASH ONLY, is what makes prices so low on Hardware, Harness, Doors, Sash, Paints, Oils, Guns and Ammunition, Stoves, Shoe Findings and Bike Supplies, AT DENZER'S NEW STORE.

THE KLONDIKE CONFECTIONERY

Is the place to get the latest and best in confectioneries, candies, nuts, tobacco, cigars, etc. Ice Cream and Soda in Season. W. B. COLE, Proprietor.

Wagon Repairing.

All kinds of wagon repairing done on short notice and at reasonable prices, at the old Rogers mill in Frankton. C. H. ROGERSON.

A Desirable Home.

For sale—Four acres, one in strawberries, bearing fruit trees, plenty of water for irrigation. Located near Frankton graded school. Price reasonable for cash. F. CORDELL.

Fresh Milk.

Aerated and deodorized, 5 cents a quart. F. H. BUTLER.

Strayed.

Three head of cattle, coming two years old. Earmarked and branded in right hip. Will pay a reward for any information concerning them. S. W. CURRY, Viento.

FOR SALE.

Leveler Wagon, 2 1/2 inch wheels. \$50.00 Will sell part of all of my ranch. E. H. SAVAAGE.

120 Acres for Sale or Rent.

With good improvements, 2 1/2 miles southwest of town. Good school near by, good roads, plenty of fruit and the best soil. Call on JOHN SHIMA.

Do You Want

To buy land in Hood River Valley. If so, don't fail to See Tucker!

Fruit Land, Berry Land, Grain Land or Hay land, at prices you can equal in the valley. B. R. TUCKER, Tucker, Or.

20 Acres.

I will sell 20 acres, improved or unimproved land, within one mile of Hood River school, prettiest building site in the valley. W. J. BAKER.

Save Your Soles!

By going to the Pioneer Shoe Shop, where you can get good work done; also, all kinds of shoe supplies. C. WELLS, Proprietor.

That 50c Shirt.

We have a fine laundered White Shirt for half a dollar. Come and lay in a supply while you can get them at this figure. We have ten dozen of them, but they will not last long at this price. Ask for

That 50c Shirt.

G. D. WOODWORTH.

Carpet Weaving.

We have purchased the celebrated Newcomb Fly-Shuttle Loom and are prepared to do all kinds of carpet and rug weaving, in various widths and weaves for 15 and 25 cents per yard. Call at Bone & McDonald's store and examine our work. W. VICKRELL.

Land for Sale.

In 3 tracts, varying in size, from 40 to 50 acres. Highly improved, partly improved and unimproved. Abundant supply of irrigating water on most of the land. No trouble to show property. East side 4 1/2 miles out. Some good school. HARRISON BLISS.

Wanted.

To do harness work for dry oak wood; also, produce taken for part pay for all harness work. E. D. CALKINS.

Poland China Boar.

A thoroughbred Poland China boar for service; also, young pigs for sale. W. A. SLINGERLAND.

Fresh Cow

For Sale. Apply to T. R. COON.

Horses for Sale.

Four head of work horses, 1200 to 1400 weight. Also, wagon and harness. Will trade for cord-wood. Inquire of J. T. MERRILL.

For Sale.

Horse, harness and cart, or will trade for a yaller dog. RALPH SAVAGE.

Eggs for Hatching.

Buff Wyandottes, \$1 for 15. E. E. SAVAAGE.

At a Bargain.

Some fine fruit land near town, including spring of 60 gallons per minute, and other water rights. T. R. COON.

Plymouth Rock Eggs.

Thoroughbred Barred Plymouth Rock eggs for sale at 50c for 15. Come and see the hens, or leave orders at the post office. MRS. A. J. RAND.

For Sale

One of the best paying small fruit farms in Hood River. Good location, well watered. Good buildings and a pleasant home. This is a bargain. Call at this office.

Wanted.

To trade a two-horse spring wagon for a light one-horse rig. CHAS. W. REED, Crapper District.

To Exchange.

For a small ranch, a six-room house, hard finished, and 50 by 100 foot lot. Also, a vacant lot. Address APPENING & CO., 124 1/2 Adams Ave., Portland.

NOTICE FOR PUBLICATION.

LAND OFFICE AT THE DALLES, OREGON, JAN. 31, 1899.—Notice is hereby given that the following-named settler has filed notice of his intention to make final proof in support of his claim, and that said proof will be made before Register and Receiver at the Dalles, Oregon, on Saturday, March 11, 1899, viz:

CHARLES PRATHER, Of Mosier, Homestead Application No. 467, for the northeast 1/4, northeast 1/4 section 12, and north 1/4, northwest 1/4, and northwest 1/4 northeast 1/4 section 22, township 2 north, range 11 east, W. B.

He names the following witnesses to prove his continuous residence upon and cultivation of said land, viz: W. E. Huskey, A. T. Prather, George Huskey and William Stephenson, all of Mosier, Or. Signed JAY P. LUTAS, Register.

NOTICE FOR PUBLICATION.

LAND OFFICE AT VANCOUVER, WASH., Feb. 14, 1899.—Notice is hereby given that the following named settler has filed notice of his intention to make final proof in support of his claim, and that said proof will be made before the Register and Receiver U. S. Land Office at Vancouver, Wash., on Tuesday, March 28, 1899, viz:

JAMES BROWN, H. E. No. 928, for the northwest quarter section 13, township 4 north, range 10 east, W. M. He names the following witnesses to prove his continuous residence upon and cultivation of said land, viz: Matt Wilken, William Olson, Fred Wilken and Charles But, all of White Salmon P. O., Washington.

W. R. DUNBAR, Register.