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During the Season 1909

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Southern Pacific

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GRANTS PASS

To OMAHA and Return..... \$68.95
To KANSAS CITY and Return \$68.95
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and to other principal cities in the East, Middle West and South. Correspondingly low fares.

On Sale June 2, 3; July 2, 3; August 11, 12

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These tickets present some very attractive features in the way of stopover privileges, and choice of routes; thereby enabling passengers to make side trips to many interesting points en route.

Routing on the return trip through California may be had at a slight advance over the rates quoted.

Full particulars, sleeping car reservations and tickets will be furnished by any Southern Pacific local agent, or

WM. McMURRAY

General Passenger Agent, Portland, Oregon

Big Lot of New Ranges

To Be

Closed Out Cheap

I was able to secure a big lot of Made Ranges from a firm which was closing out, and I am going to sell them as long as they last for a price less than ranges have ever been sold on the coast from Portland to San Francisco.

The goods are high grade, heavily nickel-plated and are a bargain. DON'T MISS THIS OPPORTUNITY.

Ike M. Davis

304 South 6th St.

E-RU-SA—The Only Lawful Pile Cure.

Because E-RU-SA CURES PILES, and DOES NOT contain narcotics, mercury, cocaine, lead or any poisonous drug. U. S. Dispensary recommends every ingredient of E-RU-SA. Drug laws make "false and misleading statements" a crime. Therefore, the sale of all other or narcotic pile medicines is illegal because they affect the brain and spinal marrow, produce constipation and never cure. E-RU-SA is not for sale at opium joints. Only druggists of highest standing sell and endorse E-RU-SA. National Drug Store, Clemens, Sabin's Drug Stores, Grants Pass, Ore.

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BUY YOUR TREES FROM

"Old Reliable Albany Nurseries"

and you are sure of getting just what you order. We grow our trees for quality not cheap prices.

CEO. H. PARKER.

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VALUABLE INFORMATION

for the Buyers of
SEWING MACHINES
QUALITIES TO CONSIDER IN
MAKING A PURCHASE

Does it run easy.
Does it look good.
Does it make a good stitch.
Does it sew fast.
Is it well made.
Is it easy to operate.
Is it simple in construction.
Does the manufacturer put his name on it.

THE FREE

sewing machine recently placed on the market by the Free Sewing Machine Co. combines the best qualities of all other machines. It is the latest, best and most complete achievement in building of a sewing machine. Compare it with all other machines in anything in which they claim to excel and you will find it FREE easily the best.

FREE SEWING MACHINE CO.
CHICAGO, ILL.

For Sale By

Ike M. Davis

MINING INDUSTRY OF SOUTHERN OREGON

U. S. Geological Survey Issues Advance Chapter from Bulletin No. 380.

The U. S. Geological Survey has issued another publication covering an important industry of Jackson and Josephine counties. The following are excerpts from the same:

"The most productive gold quartz mines which were in operation in this area during the summer of 1908 were the Braden and the Opp. The Granite Hill and Mountain Lion mines, although not now being worked, have also been fairly important producers within the last few years. There are many mines and prospects on which work is now being done, some of which have never produced, some of which have produced values of a few hundred dollars, and a few of which have produced values of several thousand dollars. At present some development is in progress on new prospects and on mines which were until recently closed. The total gold production of the gold quartz mines of the area in 1907 was about \$70,000.

Many of the veins and veinlets have never produced important bodies of ore, but only "pockets," some of which, although filling but small spaces, were remarkably rich, the gold usually having been coarse. In general the main part of the gold in these pockets has been taken from depths less than 25 feet from the surface.

"The veins and veinlets run in all directions. However, a comparison of the more persistent of them showed that more lie in an east-west direction than in a north-south direction. The dips of the veins vary greatly; most of them have fairly high dips, but some are nearly flat and some are vertical. The width of the veins are usually less than one foot; a great many are considerably less and in some places they form an intricate network of stringers. On the other hand, there are veins with widths of more than 10 feet; in such veins either 'horses' are present, separating the vein into several parts, and there is a decided brecciation of the materials."

Following this introduction is a description of the Braden, Granite Hill, Mountain Lion and other mines. In regard to the placer mines, the pamphlet says:

"The placer mines of Jackson and Josephine counties produced in 1907 gold to the value of \$229,575, of which \$107,722 came from Jackson county and \$121,853 from Josephine county. More than 75 per cent of the production of Jackson county and more than 30 per cent of that of Josephine county came from the area described in this report. The brief districts contributing to this production are the Gold Hill, the Foothills Creek, the Applegate and the Jacksonville districts, in Jackson county; and the Althouse and Sucker Creek, the Williams Creek, the Waldo and the Kerby districts in Josephine county.

"The gravel deposits that are being mined in these districts vary in thickness from a few feet to more than 50 feet. The average thickness of the gravels of all the important mines is more than 20 feet. The material of the deposits range from fine clay with but few boulders to gravels that contain boulders weighing several tons. The boulders are, as a rule, fairly well rounded where the gradients of the stream are steep, but where the gradients are flatter, they are subangular and even angular. The predominating boulders in the gravels are greenstones, but the kind of boulders vary in the different stream beds in accordance with the various kinds of rock in which the valleys have been cut. In many of the deposits the coarsest material is at or near the bedrock, but in some the boulders are somewhat uniformly distributed throughout the section of the gravels.

"The gold contents of the gravels varies greatly. In some of the best mines the average value is from 20 to 40 cents a cubic yard. The best values have usually been found at or near the base of the deposit. Much of the gold is fine but nuggets are frequently found.

"Placer mining is carried on chiefly during the first half of the year when the supply of water is most abundant. A few mines are so equipped that there is sufficient water to operate them for a greater part of the year. Only one mine, the Champion, on Foothills Creek, is equipped for dredging; the other important mines are equipped for hydraulicking. The ground sluicing method is used only in the small mines.

"In many of the mines from three to five men are employed, but as many as fifteen are employed in some of the larger mines during the mining season."

Among other mines described is the Champion mine on Foothills Creek, about 2 miles from its junction with Rogue river. It is owned by the Champion Dredging company, of Chicago, which bought the property in 1903 from Mr. Lance, of Gold Hill. In the same year the company constructed a bucket dredge equipped with steam power. In November, 1905, electric power was installed, the cost of mining thereby being reduced about one-half. Thirty-six buckets are used, each of which holds eight cubic feet of material.

The average depth of pay gravel is about 33 feet, but deposits of 46 feet have been mined without reaching bedrock. Much of the material is less than five inches in diameter, but boulders of large size are numerous. The best values are to be found in a bluish gravel, which is generally reached at a depth of about 12 feet. This gravel is from 8 to 12 feet in thickness. Below it is a fine, plastic clay, which is difficult to handle and which carries practically no gold. In the present workings this clay is not being mined. The property contains more than 1200 acres of placer ground, much of which has been thoroughly prospected, and found to carry gold.

The Sterling mine is also described, though since the pamphlet was prepared J. D. Heard has severed his connection with the company. It says:

"The Sterling mine is on Sterling creek, a branch of Little Applegate river and is about eight miles from Jacksonville. It is owned by the Sterling Mining company, of which J. D. Heard is manager. The property includes about 2000 acres, extending from a point below the mouth of Sterling creek and over the divide to Griffin creek. The gravelbank on the west side of the present workings is more than 40 feet thick. The section consists of gravel and boulders, the latter being rather uniformly distributed throughout the section. Many of the boulders are small, but some are more than two feet in diameter and few exceed eight feet. They are mainly of greenstone.

"Much mining has been done on Sterling creek by the present company. The main stream was mined up from its mouth for more than three miles, then a channel to the east of this stream was followed for about half a mile. Here a channel, which is now Boulder channel, was struck, and this has been followed for about a quarter of a mile to the present workings. The bed rock of these workings is a little higher than the present stream bed and is about 100 yards east of it. The values are found across a width of nearly 200 feet. The gold is medium coarseness and is usually well rounded, although angular nuggets are also present. The average thickness of the gravels in the Boulder channel is about 40 feet. It is of interest to note that in these gravels the tunks of a mammoth, as well as other mammalian bones have been found. The bedrock of the mine is greenstone, in which are patches of slaty stuffs. These rocks have been considerably sheared and veinlets of quartz are present. The strike of the slaty rocks is north 8 degrees east, the dip about 60 degrees west. In the present workings is a dike running north 20 degrees east, containing cross veins which do not extend beyond the dike. The slope of the bedrock is about 2 feet in 100 feet. In 1908 mining was in progress from March until August, during which time about one acre was mined. The value of the gravels was about 40 cents to the cubic yard.

"The mine is well equipped with giants, ditches and flumes. The longest ditch is about 27 miles in length. The water enters the ditch from Little Applegate river about 12 miles above the mouth of Sterling creek. At the mine the head of water is now only about 80 feet. A pipe line is being planned to carry water from Squaw lake to the mine, a distance of 17 miles. The mine has been equipped for hydraulicking for about 30 years. There were issued only 40 shares of stock, which have been held by a very few shareholders. The total production of the mine is said to exceed \$3,000,000."

A Golden Wedding.

means that man and wife have lived to a good old age and consequently have kept healthy. The best way to keep healthy is to see that your liver does its duty 365 days out of 365. The only way to do this is to keep Ballard's Herbine in the house and take it whenever your liver gets inactive. 50 cents per bottle.

No Burglar Found.

A most amusing incident occurred at the boarding house of Mrs. Sadie Hyde on H street last week. In the evening after supper all the boarders had gone to town and Mrs. Hyde was alone in the front yard, watering the lawn. On leaving the house she had locked the back door as was her custom when she was in the front yard, and on trying to go into the house by the front door she found the screen of this door also tightly latched on the inside. She then went to the back door, thinking that possibly she had locked the wrong door, but to her consternation, found this door also securely fastened from the inside. When Mrs. Hyde found that she was locked out of her house, she became somewhat alarmed, and the fact that a horse had been stolen from August Petsch, living just back of her but a short time before, did not tend to lessen her fears, but on the whole, added to them. Finding her attempts to gain admittance all in vain, she at last called in the neighbors and told them her troubles. As is usual in such cases, the yard was soon full of sympathizing friends and an entrance was forced through the back door and preparations made to capture the burglar red handed. Guards were stationed at all the windows and doors, and Grant Orme gallantly offered his services in searching the house. This brave gentleman armed himself with a hatchet in case the offender should show fight and accompanied by Mrs. Hyde, started on his dangerous quest of the "bad man." Every room was searched, under the beds, behind the doors, in the closets, behind the pictures, and even the rugs taken up and shaken out, but no deep-dyed villain appeared to beg on his knees a stay of execution from that murderous looking hatchet. After every available place in which a man or a mouse could hide himself had been searched on the first and second floors a ladder was produced and a cautious peep was taken into the garret, with the same disappointing result. In the meantime, Little Vernon Coburn had gone to town and summoned the marshal. No burglar was found in the house or on the premises, and the only way in which the locked doors can be accounted for is that in closing the front screen Mrs. Hyde must have let it slam harder than she intended, and the hook, in just the right position, fell to its place, thereby securely fastening the door on the inside. This would probably not happen more than once in a life time, but the fact that it did happen this time has caused much amusement among the boarders and neighbors who participated in the search. Mrs. Hyde was perfectly justifiable in the action she took in the case, as petty thieving has been carried on to some extent the last few weeks, and this case certainly looked suspicious. In the meantime everyone is smiling.

Of Interest to Farmers and Mechanics.

Farmers and mechanics frequently meet with slight accidents and injuries which cause them much annoyance and loss of time. A cut or bruise may be cured in about one-third the time usually required by applying Chamberlain's Liniment as soon as the injury is received. This liniment is also valuable for sprains, soreness of the muscles and rheumatic pains. There is no danger of blood poisoning resulting from an injury when Chamberlain's Liniment is applied before the parts become inflamed and swollen. For sale by M. Clemens.

Bowel Complaint in Children.

When six months old the little daughter of E. N. Dewey, a well known merchant of Agnewville, Va., had an attack of cholera infantum. Chamberlain's Colic, Cholera and Diarrhoea Remedy was given and effected a complete cure. This remedy has proven very successful in cases of bowel complaint in children and when given according to the plain printed directions can be relied upon with perfect confidence. When reduced with water and sweetened it is pleasant to take, which is of great importance when a medicine must be given to young children. For sale by M. Clemens.

The Census Bill Passed.

The bill providing the necessary machinery for the taking of the next census was finally agreed to by both House and Senate Monday, and went to the president and has been signed. The bill providing \$10,000,000 to pay for part of the work had already passed both branches. The salary of the director is reduced from \$7500 to \$7000, and that of his assistant was fixed at \$5000. The pay of his clerks was finally fixed at \$600. No provision is made for a new building.

The Courier supplies many merchants with their sales books and we would like to supply you.

NOTICE FOR PUBLICATION.

Department of the Interior.

U. S. Land Office at Roseburg, Ore., May 26, 1909.

Notice is hereby given that Edgar M. Cockerline, whose postoffice address is Murphy, Oregon, did, on the 27th day of January, 1909, file in this office Sworn Statement and Application, No. 02851, to purchase the NW 1/4 of SE 1/4 Section 30, Township 37 South, Range 5 West, Willamette Meridian, and the timber thereon, under the provisions of the act of June 3, 1878, and acts amendatory, known as the "Timber and Stone Law," at such value as might be fixed by appraisal, and that, pursuant to such application, the land and timber thereon have been appraised, \$115.00; the timber estimated 75,000 board feet at \$1.00 per M, and the land \$40.00; that said applicant will offer final proof in support of his application and sworn statement on the 14th day of August, 1909, before the county Clerk of Josephine County, at Grants Pass, Oregon.

Any person is at liberty to protest this purchase before entry, or initiate a contest at any time before patent issues, by filing a corroborated affidavit in this office, alleging facts which would defeat the entry. BENJAMIN L. EDDY, Register.

NOTICE FOR PUBLICATION.

Department of the Interior.

U. S. Land Office at Roseburg, Ore., June 17, 1909.

Notice is hereby given that Della R. Goldman whose postoffice address is Tangent, Oregon, did on the 12th day of March, 1909, file in this office Sworn Statement and Application, No. 04752, to purchase the NW 1/4 of SE 1/4, SW 1/4 of NE 1/4 Section 18, Township 36 South, Range 4 West, Willamette Meridian, and the timber thereon, under the provisions of the act of June 3, 1878, and acts amendatory, known as the "Timber and Stone Law," at such value as might be fixed by appraisal, and that, pursuant to such application, the land and timber thereon have been appraised \$200.00, the timber estimated 210,000 board feet at \$0.70 per M, and the land nothing; that said applicant will offer final proof in support of her application and sworn statement on the 31st day of August, 1909, before the Register and Receiver at Roseburg, Oregon.

Any person is at liberty to protest this purchase before entry, or initiate a contest at any time before patent issues, by filing a corroborated affidavit in this office, alleging facts which would defeat the entry. BENJAMIN L. EDDY, Register.

Notice of Sheriff's Sale.

Notice is hereby given that by virtue of an execution duly issued out of and under the seal of the Circuit Court for Josephine County, Oregon, upon a judgment rendered on the 16th day of May, A. D. 1891, in favor of Charles Nickell and against H. S. Wynant and to me directed, dated the 19th day of June, 1909, in the sum of \$22.45 and interest thereon at the rate of 10 per cent per annum from May 16, 1891, and costs on execution, commanding me to levy upon the real property of the said H. S. Wynant situated in Josephine County, Oregon; and pursuant to which execution I levied upon the Northwest 1/4 of the Northeast 1/4, and the East 1/2 of the Northwest 1/4 of Section 12, and the Northwest 1/4 of the Northwest 1/4 of Section 13, Township 37 South, Range 6 West of Willamette Meridian.

Now therefore, in compliance with the commands of said writ of execution, I will on July 26, A. D. 1909, at the hour of ten o'clock a. m. of said day, at the front door of the court house at Grants Pass in Josephine County, Oregon, sell, at public auction to the highest bidder, for terms cash in hand, all the right, title and interest of the said H. S. Wynant in and to the above described real property to satisfy the demands of said writ of execution.

Dated at Grants Pass, Josephine County, Oregon, June 25, 1909.

W. J. RUSSELL, Sheriff.

Railroad Turns Gardener.

The Canadian Pacific Railway has gone into gardening. It has established on land it owns near Winnipeg a model garden of twenty acres and has started in to raise flowers and vegetables.

The railroad is not going into the business for profit, except indirectly. It has been in the hotel business for years, owning and operating many hotels on its line across Canada. This garden at Winnipeg will supply flowers and vegetables for the hotel at Winnipeg and probably for other hotels to which quick shipments are possible.

Green houses are to be erected before next winter, so that vegetables and flowers may be raised the year round. Bulbs and plants will be propagated for the beautification of the grounds.

Get DeWitt's Carbolic Witch Hazel Salve when you ask for it. There are a great many imitations, but there is just one original. This salve is good for anything where a salve is needed to be used, but it is especially good for Piles. Sold by all druggists.

Treasury Calls for Money.

Secretary of the Treasury MacVeach issued Tuesday a call upon the national depository banks for a return of the government funds amounting to about \$25,000,000, practically all of the money out and subject to call. This is expected to tide the treasury over for several months, but as the government bonds later in August and September