

ALMANAC IS A MINE OF FACTS

CENTRAL OREGON GETS ATTENTION

Data Concerning State Compiled Under Chapman Makes a Valuable Publication of Universal Interest Some Extracts of Local Import

The "Oregon Almanac," just issued by the State Immigration Commission, contains a vast lot of valuable and interesting data regarding the state. Those who desire copies or wish to have copies sent to friends in the East, should address C. C. Chapman, at the Commercial Club, Portland.

Below are some abstracts from the Almanac, of special local interest.

Transportation.

Oregon Trunk Railroad (Hill system) and Deschutes Railroad (Harriman system) enter the country from the north and traverse the central portion to Bend (150 miles from the Columbia river and their connections with two great transcontinental railroad systems), and afford the products of the Central Oregon Empire an outlet to the markets of the world. Auto stage lines from Bend and other important trade centers in the county radiate in all directions. Extension of railroads from Bend to south, east and west, and construction of other railroad lines into this region is in immediate prospect, and, in some instances, actual construction work is under way.

Water.

Deschutes river, Crooked river, Metolius river and numerous other smaller but important streams, tributary to the Deschutes, the main drainage artery, afford an abundance of pure mountain water for domestic, irrigation and power purposes. The maximum discharge of the Deschutes river is only about four times the minimum. This river and its tributaries are capable of developing over 421,000 horsepower.

Lands.

Surface: In the main it consists of fertile valleys, broad plains, and easy slopes to the mountains. Soils: Volcanic ash and silt (mud or fine earth deposited from running streams or standing water) of excellent texture, light gray in color; greatly improved by use of green fertilizers. Highly productive of small fruits, hemp, hops and other agricultural crops when irrigated. Approximately 260,000 acres of arid land now in process of irrigation under the Carey Act provisions. Immense area of public lands, susceptible of cultivation under dry farming methods, open to entry under provisions of enlarged homestead act allowing 320 acres to the person eligible to entry under the homestead laws. Average value of farm lands \$17.54, an acre cultivated and uncultivated (U. S. census 1910).

Industries.

Lumbering, livestock, (sheep and wool) and agriculture. Principal crops are hay (both grain and grass) rye, barley and oats. Cattle, sheep, horses and swine are raised extensively and profitably. Crook county is the home of the largest blooded-sheep ranch in the world. Highest awards for dry-farming products at National Dry Farm Congress at Spokane, Washington, 1910, and Colorado Springs, Colorado, 1911, and at International Dry Farming Congress at Lethbridge, Alta., 1912.

Bend.

Altitude 2,600 feet. Southern terminus of the Oregon Trunk and Deschutes Railway lines. On the Deschutes river, which affords a plentiful supply of water for domestic use, irrigation and power purposes. Located in timber belt; two sawmills in vicinity. Principal industries: Farming, lumbering, livestock. Surrounded by many large Carey Act irrigation projects. Alfalfa, clover, wheat, root crops and small fruits are the chief products. Large area of arid lands in vicinity subject to entry under the Enlarged Homestead (320-acre) Act. Irrigated area adapted to dairying, hog raising and all kinds of hay crops. Water and electric lighting plants are under private ownership. Has high and graded public schools and churches, Woman's Club, Grange and numerous fraternal organizations.

Among the 34 Oregon counties Crook ranks 4 in area, 20 in population, 16 in wheat production, 14 in oats, 11 in barley, 2 in rye, 10 in potatoes, 8 in hay, 5 in alfalfa, 21 in clover.

In the amount of timber Crook ranks third among all Oregon counties, with 2,024,231 acres.

In Crook county the number of school children between the ages of 4 and 20 years is placed at 2,424, with a total enrollment of 1,664.

The number of acre feet of water in the Deschutes river at Benham Falls capable of irrigation is placed at 1,100,000. Crooked river is credited with 250,000, Tumalo creek with 80,000 and Squaw creek with 50,000, making Crook County's total 1,480,000 acre feet, that of the entire state being 4,990,000. With its meagre population Crook county has

116 teachers, 27 male and 89 female. According to the tabulations Crook county has an area of 7,778 square miles and a population of 9,315, giving an average population of 1.2 persons to a square mile. However, as there are now actually about 1400 residents in the county, this last figure should be increased to 1.4—and even at that there can be no complaint of crowding!

The Almanac classifications show the following apportionment of Crook county acreage not patented: Indian reserves, 208,362 acres; forest reserves, 1,215,635; public lands, 1,502,061; state school lands, 40,200. Privately owned: Cities and towns, 1,950; cultivated, 70,986; uncultivated, 67,358; not improved, 1,871,388. Total number of acres 4,977,920. In other words, Crook county is almost exactly the size of Connecticut, and is larger than New Jersey and Rhode Island combined.

SCHOOL NOTES

A new class will be organized in the first grade next Monday. Children who are now six years old, or will be six before March 1, will be received at this time. This will be the last opportunity for beginners to enter school this year.

As opening exercises in the High School, Professor Shouse has been reading various articles on English government and about experiments in surgery made by Dr. Carroll.

A large number of boys from the lower grades have been enjoying the rare treat of good coasting on the hill near the school buildings.

This is examination week in the High School.

The fuel supply was exhausted Monday, but more arrived that evening in the form of cordwood. As the saw did not arrive early enough Tuesday morning the janitor was seen chopping the wood into more convenient lengths.

TERREBONNE GOES "DRY"

(Terrebonne Oregonian.)

For three days past the people of Terrebonne have been up against a water famine owing to the fact that Jack Frost got busy with the engine in the pump house and inserted a small piece of ice at the end of the piston rod. When Fred Taylor attempted to start the engine Tuesday morning the bit of ice objected so effectively as to cause some of the essential parts of the engine to part company, rendering it useless until new parts could be obtained. A telegram was immediately dispatched to the supply house at Portland but the parts are slow about putting in an appearance and yesterday Messrs. Wilder and Neeley went into the blacksmith shop and repaired the broken part so as to be of service for a time.

SAWMILL IS SOLD.

(Sisters Herald)

A deal has been pending for some time and was closed a few days ago whereby J. P. Duckett purchased the interests of E. M. Ashmore in the Duckett and Ashmore sawmill. The title of the new firm will be the J. P. Duckett Lumber Co. This mill was established in Sisters last March and has run almost continuously since that time. Much of the lumber has been marketed at Redmond, Terrebonne and other points on the railroad. Mr. Ashmore is attending business college in Portland.

SISTERS MAN IS INVENTOR

(Sisters Herald.)

Samuel Wiehl, who lives about three miles south of Sisters, has obtained patents on several inventions that should make him all the money he ever needs. A snare trap made to set on a log that lies across a stream or canyon and is used as a bridge by wild animals; also a dead fall trap for use of trappers or any one troubled with wild animals, either small or large, are two inventions of Mr. Wiehl's that will make quite a difference in the trials of trapping. Mr. Wiehl has also secured a patent on a sheep apron which will be found very useful for use of sheepmen.

CHURCH NOTICES

Methodist Episcopal.

Rev. E. C. Newham, pastor. Services every Sunday at 11 a. m. and at 7:30 p. m. Sunday school at 10 a. m. Epworth League at 6:45 p. m. on Sunday. Choir practice Thursday at 7:30 p. m.

There will be special Presbyterian services at the Star Theatre Sunday conducted by the pastor. Preaching at 11 a. m., subject, "Jesus and His Enemies." There will be special music, the Misses Black and Miss Bridges will sing a trio and the choir and orchestra will render a special number. The Sunday school will meet at 10 o'clock. Ross Farnham, Superintendent.

WATER WAGON FOR DAIRY.

Thursday George Jones went on the water wagon. The water supply at his Pilot Butte dairy ranch gave out, the cistern going dry, and as the irrigation company could not get water through the canal for some days he came to town and borrowed the watering cart from the city, with which he took a load of water to the dairy.

THE BEST BARBER SERVICE.

The reputation of Innes & Davidson's barber shop has been gained by the best of service in their line. Satisfied customers are constantly being added to their list of patrons. Are you one of these? If not, it will be to your advantage to join the crowd that is served by this popular shop, located on Oregon street across from Lara's store.—Adv.

FOUNDATION RECIPE FOR DIFFERENT CAKES

A recipe for cakes which may be used as a foundation for all kinds is given in Domestic Science Circular No. 2 just issued by the Oregon Agricultural College. It is as follows:

- Butter 1/4 cup or 6 tablespoons of other fats.
- Sugar 1 1/2 cups granulated or 2 cups powdered.
- Eggs, four whole.
- Milk 1/2 cup or 1/4 cup water.
- Salt 1/2 teaspoon.
- Four level teaspoons baking powder.

Flavoring, 1 teaspoon. Use the butter or fat firm, and add the sugar to it and mix well. To this the yolks of the eggs are added after beating them until creamy. The baking powder and salt are sifted into the flour and this and the milk are added alternately to the first mixture and beaten to a smooth consistency. The egg whites beaten stiff are folded in then, the flavoring added and thoroughly mixed.

A moderate oven should be used in baking cakes. The addition of spice will make this a spice cake, of fruit a fruit cake.

GOOD ROADS TOUR.

Texans Make Auto Trip From Dallas to San Antonio.

A good roads automobile tour was participated in by about a hundred farmers and ranchers of Texas. It started at Dallas and ended at San Antonio a week later. The trip was promoted by the Farm and Ranch Journal of Dallas, and the purpose was to impress upon the farmers the importance and value to them of properly constructed highways.

The trip was routed with a view to showing by contrast the difference between a good road and a bad one. It ran through central Texas and through places where good roads are unknown.

Prizes were offered to the amount of \$1,000, which was divided into purses of \$500, \$250 and \$100 for touring cars, \$50 for runabouts. A trophy cup was also awarded to the car coming in first regardless of class.

Boxers to Help Build Roads.

It is reported that a legislative measure has recently been enacted in New Mexico which provides that any promoter who stages a prizefight shall pay into the county treasury a license fee to be turned over to the state road fund if the fight is less than twenty rounds the promoters must pay 5 per cent of the gross receipts with a minimum of \$25. If the fight is more than twenty rounds the promoters are required to pay a fee of \$1,000.

PLEAS FOR THE SCHOOL CHILDREN.

A steam boiler has its safety valve and a boy has his. You can sit on the safety valve of a steam boiler if you choose, but you are an awful fool if you do. But what else is it we have been doing until quite recently but sitting on the safety valve of the boy? The boy's safety valve is his play. Sit on that, hold it down hard and you will have trouble. Give him the gutter for a playground and nothing else and you will have crime as a matter of course.—Jacob Riis.

Where is there an acre given to childhood that it may glory in sport and grow into physical and moral manhood? * * * It is for lack of fresh air gardens in our cities for the little ones that we have so many small headstones.—Samuel Browne Duryea.

The universal impulse to play is a divinely ordered thing. If God gives the instinct, man ought to provide the playground.—Jehish Strong.

The control in a well managed playground is largely of the mutual consent kind. It is that control which obtains throughout well regulated society—the control of public opinion rather than the control of either force or fear.—Dr. Luther Halsey Gulick.

THE NECESSITY OF SCHOOL DISINFECTION.

Medical Expert Gives Rules For Health Safeguards.

Having regard to the constant recurrence of epidemics among school children and to the failure of all existing preventive measures, routine disinfection of schoolrooms should be given a thorough trial, says Dr. J. T. A. Walter in the American City. In the absence of this precautionary measure the infective material diffused by children in the unrecognized stages of certain infectious diseases must accumulate on the schoolroom floors and constitute a standing menace to the health of pupils and teachers alike. Conceding that the major part of school infection is due to direct contact, a certain proportion is also due to the inhalation of bacilliferous dust.

Routine disinfection was introduced into the elementary schools of Great Britain in 1907. An experiment extending over a year was carried out by the Buckinghamshire education committee with the view to obtaining reliable data as to the effects of routine disinfection. This consisted in comparing the attendance at two groups each consisting of twenty-four schools, of which one group had been disinfected and the other not. The result showed an appreciable superiority in the attendance at the disinfected schools over those at the non-disinfected schools.

For school disinfection the liquid spray method is preferable to that of fumigation, for three reasons. It costs less, it insures actual contact between the disinfectant and the infected material, and it prevents dust from rising. At the close of each day the classroom floors should be thoroughly moistened with an efficient germicidal solution and the desks and seats wiped with a cloth wrung out of the same preparation. Once a week the process should be extended to include the walls to a height of six or seven feet above the ground, and once a quarter the classrooms should be thoroughly sprayed from floor to ceiling.

OUTLINES CITY'S NEEDS.

Spokane Chamber of Commerce Prepares a Working Schedule.

The Municipal Journal reports that the Spokane chamber of commerce has outlined the following topics for discussion at public meetings:

The placing of shade trees on residence streets and their maintenance, adoption of artistic styles of bridges and approaches, artistic and practical schemes for river bank improvement, selection and supervision of stationary, fountains and other ornamental works in parks and at intersections of boulevards and thoroughfares, consideration of a uniform method for cleaning and sprinkling streets, abolition and removal of all obstructions to streets and sidewalks, more artistic gas and electric light posts and other public utilities situated in or encroaching upon streets and public places, regulation of billboards for the purpose of their gradual elimination, especially in the residence districts and more effective arrangements of street lighting.

This is a very comprehensive review of improvement needs.

Preservation of Aged Trees.

At a meeting in Massachusetts one of the speakers was Christopher Clark, for a quarter of a century tree warden of Northampton. Mr. Clark has lived there for eighty-one years. He told the audience how much the people prized the aged trees planted by the first settlers. He stated that over twenty barrels of cement had been used to stop the decay and fill the cavities of a single large tree. Will other towns please sit up and take notice? In years to come they should have streets lined with giant trees, each one valued at at least \$1,000. Future residents will then gladly spend a hundred or two dollars to arrest decay in one. Better plant your street a full this season.

The Bulletin has for sale a new swinging typewriter stand. Can be attached to any desk and is a handy and convenient office fixture.

to be used in making applications will be furnished upon request. M. L. Merritt, Supervisor. 45, 48, 49

Application For Grazing Permits. Notice is hereby given that all applications for permits to graze cattle, horses and sheep within the DESCHUTES NATIONAL FOREST during the season of 1913, must be filed in my office at Bend, Oregon, on or before February 20, 1913. Full information in regard to the grazing fees to be charged and blank forms

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Use a mild soothing wash that instantly stops the itch.

We have sold many other remedies for skin trouble but none that we could personally guarantee as we do the D. D. Prescription. If I had Eczema I'd use

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The best grocery business, in the best location in Bend. Stock, fixtures etc. for sale, store for rent on a 2 1-2 year lease. An exceptional opportunity for some one to step into a thoroughly established business doing about \$3000 a month.

Everything complete in every way. Up-to-date fixtures throughout.

For full particulars address the owner P. O. Box 50, Bend, Ore.

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placed with us will always be written so that your protection will be complete. There will be no expiring of policies without your knowledge.

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There's a world of satisfaction in the possession of a perfect range—one in which you may repose every confidence and absolutely know that your cooking and baking will be done just as you wish. You may depend upon the

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