

LIMESTONE DEPOSITS
IN DOUGLAS COUNTY.

A bulletin issued by the United States Geological Survey says:

In the sandstones and shales of the Shasta series ("Myrtle formation") south and southeast of Roseburg are a number of lens-shaped masses of limestone, which J. S. Diller has designated the Whitsett limestone lentils. They occur at intervals along the ridge and slopes extending northeast from Umpqua river nearly to the head of the north fork of Deer Creek. The limestone is a massive gray rock, and as it has yielded satisfactory lime at several localities it is probably of good quality. The southernmost occurrence is in sec. 30, T. 28 N., R. 5 W., near the top of a prominent ridge; the rock is traceable for only about 100 yards, with a width of 30 to 40 feet, so the supply is not great. The next exposure, a mile northeast, in secs. 29 and 28, shows a much larger body of the limestone rising in prominent ledges with the beds dipping northwest at an angle of 10 degrees. The next body, which is mostly in sec. 14, of the same township, is somewhat smaller, but shows a thickness of 60 feet. Two small bodies occur on the south and north forks of Deer Creek in the next township northeast (T. 29 N., R. 4 W.); they are so compact that they are regarded as marble and have been quarried to some extent for that material. The last mass to the northeast is only 15 feet thick.

Near Oakland there are three small masses of impure limestone which have been regarded as cement rock. One is by the road nearly a mile northeast of Oakland, another at the head of Green Valley, 6 miles northwest of Oakland, and the third on Starr's ranch about 4 miles northeast of Umpqua Ferry. The areas are less than an acre in extent. Near Oakland the rock is a bluish shaly limestone that falls to pieces rather readily on exposure. It contains, besides a few fossils, brownish veins and nodules of various sizes up to 4 feet in diameter. At Starr's ranch the limestone is full of broken shells and the beds dip gently to the northwest. Some of the limestone from this region was quarried several years ago and taken to Oregon City to be tested as a cement material, but the results were not reported.

Some deposits of tuff a few miles northeast of Willbur have been claimed to be a natural cement rock, but no authentic tests are known. The material occurs in bodies of considerable size, but not well exposed.

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\$2,250,000 FOR BUILDING
MATERIALS IN MEDFORD

MEDFORD, Ore., Sept. 19.—Estimates made by leading dealers in building materials in Medford indicate that nearly \$2,250,000 has been expended in building operation in this city and vicinity during the past year.

The expenditure is three times or more greater than it was in the previous year, and it is still increasing every month.

This is not inclusive of the miles of cement sidewalks which have been constructed nor the paving of the streets.

Thirty years ago Medford was a chaparral patch, and its first postoffice was kept in a soapbox, and even 10 years ago it was a country town with two blocks of brick buildings.

A peculiarity of the Ben Davis as grown in the mountain states of the west seems to be a susceptibility to collar rot, a fungous disease which is killing out a great majority of the trees in many orchards.

A shallow cultivation of the field of corn during a dry spell with single horse and five shovel plow after it is head high has often resulted in an increased yield of from six to ten bushels per acre. With corn at from 60 to 70 cents per bushel it is an easy matter to figure out whether this extra tilling pays.

An instance has lately been cited in which an insane patient in a western hospital was cured by caring for the hospital poultry flock. He was not so deranged but that he was able to look after them, and in some way the interest he took in his charges and the diverting of his attention from his own condition had the desired curative effect.

In fighting pocket gophers, as in coping with many another rodent, insect or weed pest, the best results can only be obtained when there is co-operative effort among the neighbors of the infested locality. It is a discouraging proposition, this trying to clean up a fellow's place of gophers or other noxious things, when the man across the fence doesn't manifest a like interest in doing the same good work on his own place.

Along with the preaching of a gospel for better seed should go an even more emphatic teaching of the necessity of so rotating crops and handling the land that the use of better seed will not ultimately mean a more complete exhaustion of the soil, as a bumper crop takes just so much more fertility from the soil than a poor one. Scrub seed is plenty good enough for the chap who would only provide scrub soil conditions for that which was thoroughbred.

It is during the dry spell of the latter part of the summer, when the blue or lawn grass is at low ebb, that other grasses, chiefly crab grass, are likely to come in. The matter of eradicating this pest is not simple, but much can be done by adopting a course with the lawn which will keep the blue grass growing at full vigor. This will include frequent waterings and, if the soil is poor, the scattering of a light top dressing of fertilizer. This, together with frequent clipping, will keep the lawn thrifty and will do much toward smothering the crab grass out.

The Kansas City Stockyards company has inaugurated a plan of giving public demonstration of the use of antitoxin as a cure for hog cholera. The work is to be under the supervision of the city veterinarian in co-operation with an animal husbandry expert from the Missouri State Agricultural college. Since about 4,000,000 hogs pass through the stockyards at Kansas City annually and a good many of these are infected with cholera a fine chance will be afforded to test the efficiency of the new remedy, the work done being informational and helpful to hog raisers everywhere.

WIRE FENCE JUST RECEIVED.

All persons who have ordered woven wire fence or wish to place orders for the same are notified herewith that a carload of the wire has just been received at Roseburg and is ready for delivery upon application. S. B. CROUCH, Roseburg.

For good printing of all kinds The Review always leads.

The Electrical Review suggests that "trackless trolleys," such as are successfully used in Austria and elsewhere in Europe, that is to say, electric vehicles running on ordinary roads, but taking power from overhead wires, might be advantageously used to take the place of horse-drawn stage coaches, which still connect with the railroads numerous villages having no other means of transportation, even in the most populous parts of the country. It is pointed out that such stage lines rarely have a traffic which would encourage the projection of electric railroads to take their place as a profitable venture;

but figures are quoted to show that of the cost of roadbed, track, and electric-line construction in electric railroads, only 15 per cent or less is for overhead conductors and poles; considering therefore that electric road vehicles are obtainable for a much lower cost than railway cars, and that the power-generating plant would be so much less for a little line operating only three or four stages back and forth per day, it is obvious that such a trackless trolley system could be undertaken for a tenth of the cost of an electric railway, and with a much better chance of profitable operation.

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