

Madras and Agency Plains MUST BE Represented at the Land Shows

YOU RANCHERS MUST FURNISH THE EXHIBITS

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\$5000.00

IN CASH FOR 5 BUSHELS OF WHEAT AT ST. PAUL—RUMELY TRACTOR TO BE GIVEN AT LETHBRIDGE—VALUABLE PRIZES AT ALL THE SHOWS

ATTEND TO THIS MATTER PROMPTLY AND HELP YOURSELF AND THE COMMUNITY

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BETWEEN

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Leaves Madras, 8:40 A.M. Arriving Portland, Union Depot, 7:50 P.M. Returning, leaves Portland 7:50 A.M., or 10:00 A.M., arriving Madras 5:45 P.M. For particulars apply to

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WHILE IN PORTLAND

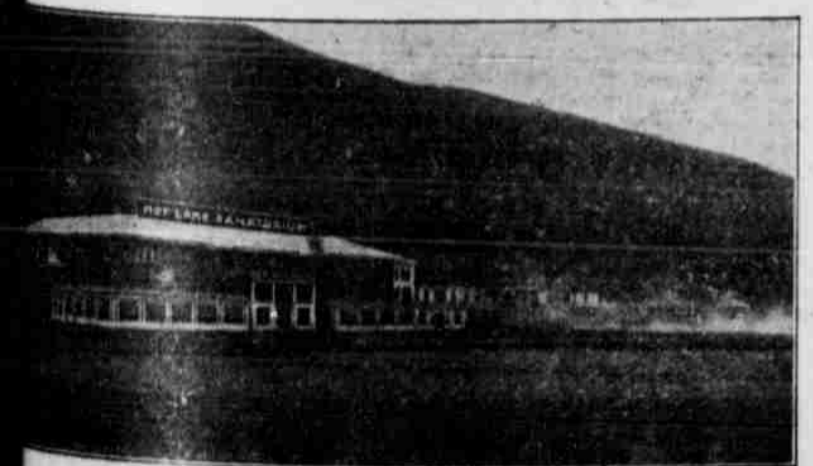
VISIT NORTH BEACH

Cool, delightful summer resort on the shores of the Pacific ocean. A few pleasant hours down the Columbia from Portland. Reached

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HOT LAKE SANATORIUM



Hot Lake Sanatorium offers much to health and rest seekers. The great mineral spring provides naturally medicated water and mud containing properties of great value. The three hundred room Hotel Sanatorium is a complete accommodation. Use of the water is prescribed according to the patient, determined by skillful diagnosis. The result is, the Hot Lake Sanatorium is really a cure place. Thousands who have suffered from rheumatism, blood, skin stomach and kidney disorders have found relief and cure there. The rates are made to conform to the requirements of the season. Open the year round.

Hot Lake Sanatorium is located in Union County, Eastern Oregon, in the heart of the Blue Mountains, directly on the main line of the Oregonian Railroad & Navigation Co., and can be conveniently reached from any point in the Northwest. Special reduced round trip fares are made for the O-W. R. & N. Write for free booklet to

HOT LAKE SANATORIUM

WALTER M. PIERCE, Pres. and Mgr.

has called Wilbur and Orville of an eagle bird. That's

Commander Scott is lingering at the south pole to

one of the leader of the Chitapettes is Yik Yik Ying. It

one of her cylinders were

Pity the new stepless car cannot be also strapless.—New York American.

The stepless street car has arrived, but the strapless car is still deep in the bosom of the future.—New York World.

A Chicago physician says street car straps are covered with every germ known to science. Boil your hands after strap hanging.—Baltimore Star.

ALFALFA WEEVIL IS CAUSE OF TROUBLE

Insect has Ability to Ali but Destroy Crop — Best Method for Fighting

By Prof. Thos. Shaw.

In the State of Utah an insect pest has appeared which is doing much harm to the alfalfa crop. This insect (Phytonomus posticus) has been known for a long time in the old world. For many decades if not indeed centuries, it has preyed upon the alfalfa of Southern Europe, Western Asia and Northern Africa. In this country it was first noticed on the outskirts of Salt Lake City, Utah, in 1904. Its ravages had become so extended by 1907 that the attention of the Utah Experiment Station was called to it. By 1911 it had reached parts of Wyoming and Idaho adjacent to Utah. In 1909 the Governor of Utah appealed to the United States Department of Agriculture to aid in fighting the pest. Since that time the Department has employed scientists to try and find some effective means of combating the pest.

The Alfalfa Weevil is thus described in Bulletin No. 112, Department of Entomology, U. S. Department of Agriculture, by Prof. F. M. Webster. "It is a small, rather insignificant appearing beetle, slightly under one fourth of an inch long, of a brown color, mixed with gray and black hairs arranged in indistinct spots and stripes on the back." The eggs are laid in the spring and early summer within the stems or on the buds and leaves, and they hatch within about ten days. The larvae are small greenish worms with a black head. When full grown they are about one fourth of an inch long. They prey upon the crop buds, the leaves and even the stalks. The damage result-

ing may vary with the conditions from very slight to almost complete destruction of the cutting. The hay obtained from infested fields is very woody because of the absence of leaves and it is much liable to induce coughing when fed to horses.

Various methods of fighting have been tried. These have only been partially successful. They include: discing to stimulate growth, grazing with sheep, drawing a street sweeper or wire brush over the field, and burning the stubbles. Attempts are also being made to introduce parasites from the Eastern Hemisphere which will prey upon the weevils. It is also considered important to destroy all trash such as grows along the borders of irrigating canals, and in waste places generally. The insects hide in these and also under clods and about the crowns of alfalfa plants where they hibernates.

The bulletin referred to does not say anything as to the measures that should be adopted in manifest areas to prevent the introduction of the weevils. Of course in areas near to infested territory, the invasion will occur through the migration of the weevils in the spring of the year. But the fact that the beetles came to Utah from the old world, makes it clear that invasion may come in other ways. It may be that it may come in poorly cleaned seed. It may certainly come in alfalfa hay.

It would be nothing short of a calamity to have this insect introduced into Oregon where the future promises so much in regard to the growing of alfalfa and also alfalfa seed. It would seem to be eminently wise to make sure in all areas where alfalfa is imported that it does not come from an infested region. Whether the insect can live in an area with winters like Montana and the Dakotas has not been ascertained. It is to be devoutly hoped that this will never have to be proved in any northern state by actual test.

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New Model 27. Marlin REPEATING RIFLE

The only gun that fills the demand for a trombone ("pump") action repeater in .25-20 and .32-20 calibres.

Shoots high velocity smokeless cartridges, also black and low pressure smokeless. Powerful enough for deer, safe to use in settled districts, excellent for target work, for foxes, geese, woodchucks, etc.

Its exclusive features: the quick, smooth working "pump" action; the west-rising Eberhard-Schmidt bolt; the magazine roller; top and side ejector for rapid, accurate firing, increased safety and convenience. It has take-down construction and heavy Eberhard front sight, these give you the most reliable of rifles.

Our 198 page catalog describes the full Marlin line. Sent for three stamps postpaid. Write for it.

The Marlin Firearms Co. New Haven, Conn.

How the Salmon Leaps.

Scientists as well as laymen tell extraordinary stories of the wonderful leaps whereby salmon ascend waterfalls. One investigator who has studied the salmon of southeastern Alaska asserts that these fish do not select a particular point of attack in endeavoring to surmount a fall. They show a remarkable lack of accuracy as well as of definiteness in their movement. When trying to ascend a fall they sail through the air, with the body rigid and the fins spread and held tense, and at the instant when the momentum of the jump is lost they impart a rapid and powerful vibration to the tail. This occurs whether the jump is successful or not. Should the fish reach water at the top of the fall this motion insures the maintenance of its position. In open water they jump sideways instead of lengthwise, and there is no movement of the tail.—Harper's.

Circles of Latitude.

Each circle of latitude keeps at the same distance from the equator as the other circles. Suppose that the arctic circle should be laid with a band of bright metal so that it could be seen for fifty miles each way from a peak. Then, to the eye, the curvature would be a matter of individual judgment. Face the west, then some would say the line is straight; others, curved to the right. The curvature could be detected on that circle of latitude with instruments. As one approached the pole the curvature would rapidly become more and more apparent. As to within one-half a mile of the poles, then a circle of latitude would be like a race track one mile in diameter. When the sea is still I cannot detect the curvature of the surface of the water, but persons have told me that they can.—Edgar Lucien Larkin in New York American.

Keeping Up Steam.

An Irishman just landed secured a position as fireman in a large factory. The chief engineer instructed him in his new duties, saying, "To run our engine we require 100 pounds of steam. You can always tell how much steam you have by looking at this gauge." Shortly afterward the engineer noticed that the engine was slowing up. Calling to the boiler room, he inquired of Pat how much steam he had on. "O! have a hundred and forty-four pounds, sor," answered the new fireman. "Why, man, I told you we had to have 100 pounds to run." "Niver mind that," was the cheerful answer. "Use what ye have got, so' while that's gone, O! have more for ye."—Everybody's.

Doomed the Colonel.

Emperor William I. of Germany was a strict disciplinarian. One day during the maneuvers of the army a cavalry regiment charged at a strongly entrenched and embattled village, of which the garden walls were lined with machine-guns. "Look! look!" exclaimed the Russian representative. "That regiment is lost." "No," was the emperor's calm reply, "this regiment isn't, but the colonel certainly is." And, sure enough, at the close of the maneuvers he was placed on the retired list.

The Effect of Discipline.

"Just see how the chickens mind the old hen, Robby," said Mrs. Norris to her son. "Watch them run to her when she calls them." "I suppose she sat on them when they were little," remarked the infant phenomenon reflectively.

Somewhat Dubious.

"I wonder would the Judge consider a plea of insanity?" "Doubtless he would." "Who do you hesitate?" "Hesitating about that?" "Well, my client only stole twenty-five plunks."—Louisville Courier-Journal.

ITEMS OF INTEREST

Money to Loan, on good approved farm security. Inquire of Howard W. Turner.

For Sale. One first-class Violin in good condition. Including good wood box and bow. Price \$14.00 Call at post-office.

To Trade — Will trade wood \$5.00 fob. Opal City, for a span of horses, mares preferred. Good heavy animals wanted. If you mean business address, D. E. White, Opal City Ore.

Notice. During my absence of a month's vacation in the mountains, my patients will be looked after by Dr J. R. Pemberton of Metolius.

Dr H. B. Haile.

For Sale or Trade. — Second hand threshing outfit, including a 20 H. P. traction engine, 32 inch separator, No. 8 Jackson feeder and elevator, derrick table, cook house etc.

For all or any part of this outfit see Ginn & Coleman or W. H. Moore, Moro, Oregon.

For Sale. — Separator and engine at a bargain. Pride of Washington separator, practically new, having been run only thirty days, wind stacker and self feeder. Advance engine. For further information write Cooke Bros., Condon, Oregon.

For good residence and business lots in Madras, call on O. A. Pearce, selling agent for the holdings of the Inland Empire Company. Over 300 lots to choose from. Prices very low. tf

For residence and business lots see O. A. Pierce. tf

FARM LOANS!! Madras State Bank

TO LOAN—\$50,000.00 on farm lands. See Brenton Jones, Metolius, Ore.

MONEY TO LOAN ON FARMS. See Madras State Bank.

FOR SALE—At the Pioneer Office Local Blanks of all kinds; Carbon and Type-written paper, Installation Sale contracts, Notes and Receipts.

Seemed to Give Him a New Stomach

"I suffered intensely after eating and no medicine or treatment I tried seemed to do any good," writes H. M. Youngpetters, Editor of The Sun, Lake View, Ohio. "The first few doses of Chamberlain's Stomach and Liver Tablets gave me surprising relief and the second bottle seemed to give me a new stomach and perfectly good health." For sale by M. E. Snook.