RESEEDING

account one of the greatest natural nine months of the year, and the resources of the west-the forage grass that grows must grow

an astonishingly large proportion fairly good, but there is room for of the area is grazing land. It is improvement. The native blue- Princoille. estimated that this region con- grass does not produce a sod, but tains over 400,000,000 acres which grows in bunches. A sod or turf are useful at present only for pas- is wanted, and some of the meaturing stock. A map printed in dows will be seeded with wellcolors to bring out the main areas known species to test whether they Princette, of agricultural, grazing, and desert will grow and bring the desired lands was published not long ago. result. Timothy, redtop, blue-It showed the grazing-land color grass, and a clover called alsike, spread like a sheet over nearly all originally brought from Sweden, this vast domain, which comprises will be tried. Eight or more patsomething like one-third of the ches of from 3 to 20 acres each will entire United States, with rela- be seeded. tively minor patches of the other It is a wild and rugged monnable.

nutshell, the problems are, first, used. how to grow, and second, how to The meadows selected for sowforage. The conclusions reached sheep can crop the native grass. are likely to have an important Since the ground is wet, it will be bearing on improved use of the much cut up by the sheep. open range generally. The econo- Clover, timothy, redtop, or blue-

public lands has simply taken is beaten well into the soil. This greatly reduced through the pre- been solved, for a much larger the number of stock to the capac- native growths supply.

These investigations are to be sibilities presented. carried out along three distinct lines-studies of what can be done in the way of introducing cultitivated grasses, studies of range improvement through better spector, returned from Morrow knowledge of how wild grasses county where he was called by the propogate, and studies of how to very serious condition of a numhandle both cattle and sheep so as ber of herds of sheep in that to reduce the waste due to herding county. He found that the herds and trampling. The present ac- were suffering from the dry feed count deals with the first, the introduction of cultivated grass.

The man in charge of these studies is Mr. Frederick V. Coville, of the bureau of plant industry, remedy, more succulent pasturage, ary, 1908, 11.28-5w who is an expert in matters con- green feed, alfalfa pasturage or nected with the use of the range. juicy feed of any nature and also Mr. Coville made a careful study urges sheepmen to permit their of grazing problems in the Cas- sucking lambs to run with their cade Mountains of Oregon for the mothers for several weeks yet, be-Interior Department ten years ago, fore being weaned. This, in a and contributed to the discussion general way, will tend to reduce of grazing questions which formed the disease and render it less part of the Public Lands Commis- fatal. sion report made in 1905. It was on his recommendation that the vidual sheep suffering from the search was established by the Car treated as follows: Raw linseed negie Institution of Washington at oil, six ounces; also one-half ounce,

Wallowa county, in northeastern given early. Oregon, in the Impaha national forest. Here, at different altitudes, a number of moist natural meadows have been picked out. Those having the greatest altitude are 10,000 feet or more above the sea, where in early July the snow still covers the ground, although rapidly melting under the summer sun. The lowest meaning the past summer and then lack of rain has kept the foothill pasturage dry, so the berds have had nothing but dry feed all summer and fall and the condition is becoming serious.

The specific name of the disease the summer sun. The lowest meaning the past summer and then lack of rain has kept the foothill pasturage and the foothill pasturage dry, so the berds have had nothing but dry feed all summer and fall and the condition is becoming serious.

The specific name of the disease is vete, or grass staggers and it is sea level.

The purpose of these wet-meadow experiments is improvement The Key that Unlocks the Door to Long of the summer range. Stock do not winter in the mountains, but are driven gradually higher and higher as the advancing seasons a siender diet. Be as careful as he calls forth the vegetation on which will, however, a man past middle they feed. The winter ranges on or of some article of food not suited the plains, supplemented largely to his constitution, and will need a dose of Chamberlain's Stomach and by the hay, alfalfa, and other feed crops which the ranches produce, liver Tablets to cleanse and invigorate his stomach and regulate his liver and bowels. When this is done depend for their utilization upon there is no reason why the average this summer pasturage, to which the stock can be driven when the dry season sets in. If means can

ico, so that the experiments are of broad importance.

THE RANGE In the bigher parts of the Imnaha national forest good late summer pasture for sheep is valu-The livestock industry turns to able. Snow covers the ground quickly. The natural pasture on From the plains to the Pacific these high mountain meadows is

colors. In arid regions the range tain region with few trails, and is comparatively poor, but almost those very difficult. Harrews or everywhere enough forage plants other agricultural machinery could can grow to make grazing profit- not be taken in, except on the Calls answered promptly day or night backs of pack animals. Plainly, The forest service, in cooperation any method of seeding which could with the bureau of plant industry, have any practical value must find has begun a series of experiments other instruments than the tools Princoille, to find out how the carrying power upon which the farmer ordinarily of grazing lands within national relies. The sharp cutting hoofs of forests can be increased. In a sheep will be the only harrow

utilize, the largest amount of ing will first be grazed as short as mic possibilities of these experi- grass seed will then be sown broad. Prince cast, and the sheep will be driven In the past the stockman on the to and fro across it until the seed what nature offered him. But will be done late in the season, so grazing tends to put nature at a that the seed will lie dormant un- Poland China Hogs and Black disadvantage. Plants which propatil next summer's sun melts the gate by seed, for example, have no snow and warms the ground. chance when the seed stalks are Whether it will grow, and mature being eaten off all the time. In a crop in three months, remains to many grazing regions the carrying be seen. If it will, one problem of power of the range has been very mountain pasturage will have sent methods of use. Within na- quantity of forage will be furtional forests the restriction of nished by these plants than the

ity of the range has already If this grass sowing on the high checked the worst evils which re- Oregon mountains is successful, it sult from over grazing. But the will open the way for similar new investigations promise much range development elsewhere. There is hardly a limit to the pos-

Dying From Grass Staggers

and that nearly every owner in Morrow county had suffered more or less from the trouble.

He recommends as a general

As a specific remedy for indilaboratory for desert botanical re- disease he directs that they be Tucson, Ariz. He is, therefore, to be given at a dose to each sheep. very well prepared for this work, The fatal aspect of the disease is

which, to be successful, must be that the extremely dry feed causes run on thoroughly practical lines. an impaction in the stomach and The experiments will begin in this remedy will cure where it is

The ranges in forest reserves forest. Here, at different alti have been very dry during the

the summer sun. The lowest mea- is vete, or grass staggers and it is dows are about 5,000 feet above caused by an impaction of the third stomach.

Living.

The men of eighty-five and ninety years of age are not the rotund well fed, but thin, spare men who live on man should not live to old age. For sale by D. P. Adamson.

For Sale

Professional Cards.

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Lawyer A street Prineville,

Office with Geo. W. Barnes

R. Elliott,

o Oregon.

Chas. S. Edwards H. P. Belknap

Belknap & Edwards Physicians and Surgeons.

Oregon.

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Ist and Main Streets.

O. Hyde

Physician and Surgeon ANSWERED PROMPTLY DAY OR NO OFFICE ONE DOOR SOUTH OF ADAMSON'S DAYS STORE. Both office an resj-dence telephones.

M. R. Biggs

E. C. PARK

Importer and breeder of pure-bred Langshan Chickens

Young stock for sale. Address Redmond, Oregon.

Timber Land, Act June 3, 1878.

Notice for Publication

United States Land Office,
The Dalles, Oregon, November 12, 1997.
Notice is hereby given that in compliance with the provisions of the act of Congress of June 3, 1878, entitled "An act for the sale of timber lands in the States of California, Oregon, Nevada, and Washington Territory," as extended to all the Public Land States by act of August 4, 1892,

of Princeille, county of Crook, State of Oregon, has on Oct. 5, 1906, filed in this office her sworn statement, No. 3673, for the purchase of the Lots 2 and 3, 824, NW4, and 8W4, NE% OSC, 4, in Tp. 13 south, range 16 E, W. M., and will offer proof to show that the land sought is more valuable for its timber or stone thanfor agricultural purposes, and to establish her claim to said hand before the county clerk at Princeille, Oregon, on the 30th day of Janary, 1998.

She names as witnesses:
W. H. Huston, John W. Coilins, L. B. Lafollette, and Walter O'Neil all of Princeille, Oregon.

Any and all persons claiming adversely.

Dying From Grass Staggers

Oregon.

Any and all persons claiming adversely the above described lands are requested to file their claims in this office on or before the said 30th day of January, 1908.

12-50 C. W. MOORE, Begister.

State Selection

State Selection

Notice for Publication.
U. S. Land Office, The Balles, Oregon,
November 20, 1907.

Notice is hereby given that under the provisions of the act of Congress of August 14,
1848, and the acts supplementary and amendatory thereto, the State of Oregon has this day
filed in this office its application, No. 691, to
select the SE24 of the SW34 of Sec. 31, T. 17
south, range 17 E., W. M.

Any and all persons claiming adversely any
of the above-described lands, or destring for
any reason to object to the final allowance of
the same, should file their claims or objections
in this office on or before the 18th of January, 1908.

C. W. MOORE, Register.

For Sale

320 acres 10 miles below Prineville on Crooked river; three-fourths of a mile from school; all kinds of farm implements; 150 head of hogs, 4 milch cows, one span of horses, 2 wagons and harness all to go with the place; 200 tons of hay; 120 acres in alfalfa; good house and barn and all other out buildings; all under good fence. This is all good alfalfa 'and and will be sold at a bargain on easy terms.

Also 320 acres one mile from Culver in the Haystack country; 250 acres in cultivation, balance pasture; lots of water on the place; 12 acres in alfalfa; good buildings. All on easy terms. T. F. McCALLISTER,

Prineville, Oregon.

Notice for Publication Department of the Interior, Land Office at The Dalles, Oregon, December 7, 1907.

Notice is hereby given that
Charley Edward Parrish,
of Crook, Oregon, has filed notice of his
intention to make final five-year proof in

Notice for Publication Department of the Interior, Land Office at The Dalles, Oregon, December 7, 1907.

Land Office at The Dailes, Oregon,
December 7, 1907.

Notice is hereby given that
Mary E. Vanderpool, Guardian of John
B. Vanderpool, Insane,
of Prineville, Oregon, has filed notice of
her intention to make final live-year proof
in support of his claim, viz: Homestead
Entry No. 11924 made Dec. 19, 1902, for the
Lot I, NE% NW% and N% NE% of Sec.
30, Tp. 14 south, range 16 east, W. M., and
that said proof will be made before the
County Clerk, at Prineville, Oregon, on
January 23, 1908.

She names the following witnesses to
prove his continuous residence upon, and
cultivation of, the land, viz: J. W.
Elliott, Samuel J. Newsom, and Julia
McDaniels, all of Prineville, Oregon, and
George S. Miller, of Lamonta, Oregon,
12-17

C. W. MOORE, Register.

Hay Ranch for Sale

be found to improve the summer ange the benefit will be telt from stack. Inquire of Omar Claypool, at C. W. Elkins' store.

Grain, alfalfa and baled hay for chooce at \$10 per acre. 120 acres of land well watered; quite a lot of good timber on place. Inquire of Stewart.

House Canada to Arizona and New Mex-Good hay ranch for sale on upper

HORIGAN & STILL

FOR THE

Choicest Meats in the Market.

We are prepared to serve our many patrons better than ever. We have always on hand a select stock of

BEEF, MUTTON, PORK, VEAL.

Fish, Game and Vegetables in Season

If you want to buy in quantity call on us. We handle all kinds of country produce.

Contest Notice

Department of the Interior, United States Land Office, The Dalles, Ore., October 22, 1907. A sufficient contest affidavit having been filed in this office by

John O. Powell,
contestant, against homestead entry No.
14382, made April 19, 1905, for SE½
SE½, Sec. 4, SW¼ SW¼, Sec. 3, NW½
NW¼ Sec. 10, NE¾ NE¾ See. 9, Tp.
13 south, range 16 east, W. M. by
Alexander W. Ramsey, Contestee, in
which it is alleged that said Alexander
W. Ramsey has wholly abandoned said
tract for more than six months last
past; that he has not resided upon or
cultivated said tract as required by
law; that said alleged absence was not
due to his employment in the army,
navy or marine corps of the United
States in time of war. Said parties are
hereby notified to appear, respond and
offer evidence touching said allegation
at 10 o'clock a. m. on December 10,
1907, before Warren Brown, county
clerk, at his office in Prineville, Oregon,
and that final hearing will be held at
10 oclock a. m. on December 17,
before the Register and Receiver at the
United States Land Office in The
Dalles, Oregon.

The said contestant having, in a pro-

diligence personal service of this notice can not be made, it is hereby ordered and directed that such notice be given by due and proper publication. 11-7p C. W. MOORE, Register.

Timber Land, Act June 3, 1878. Notice for Publication.

United States Land Office, The Dalles, Oregon, August 30, 1907. Notice is hereby given that in comliance with the provisions of the act of ress of June 3, 1878, entitled act for the sale of timber lands in the States of California, Oregon, Nevada, and Washington Territory," as extended to all the Public Land States by act

of August 4, 1892,

John B. Shipp,

of Prineville, county of Crook, state of Oregon, has this day filed in this office. his sworn statement, No. 4294, for the purchase of the N½ SE¼ and E½ SW¾ of Sec. 26, in Tp. 15 south, range 18 e, W. M. and will offer proof to show that the land sought is more valuable for its the land sought is more valuable for its timber or stone than for agricultural purposes, and to establish his claim to said land before the county clerk at b Prineville, Oregon, on the 8th day of January, 1908.

He names as witnesses: Charles M. Charlton, C. A. Graves, Robert G. Smith, and Robert L. Kitching all of Prineville, Oregon.

Any and all persons claiming adversely the above-described lands are requested to file their claims in this office on or before said 8th day of January, 1908. C. W. MOORE, Register.

Timber Land, Act June 3, 1878.

Notite for Publication United States Land Office The Dalles, Oregon, September 17, 1907.
Notice is hereby given that in compliance with the provisions of the act of Congress of June 37 1878, entitled "An act for the sale of timber lands in the States of California, Oceans, Navada

the States of California, Oregon, Nevada, and Washington Territory," as ex-tended to all the Public Land States by act of August 4, 1892, Mary M. Hansen, of Redmond, county of Crook state of Oregon, has this day filed in this office

her sworn statement, No. 4322, for the purchase of the SE¼ SE¼ of Sec. 10, NE¼ NE¼ and S½ NE¾ of Sec. 15, in Tp. 13 south, range 15 east, W. M. and will offer proof to show that the land sought is more valuable for its timber or stone than for agricultural purposes, and to establish her claim to said land before the county clerk, at Prineville, Oregon, on the 13th day of December,

She names as witnesses: Fines Woods, Walter Gillespie, John O. Han-sen and Burt A. Kendall, all of Red-Any and all persons claiming adversel the above-described lands are requested to file their claims in this office on or before said 13th day of December, 1907. 10-10 C. W. MOORE, Register.

> Notice For Publication. Department of the Interior, Land Office at The Dalles, Ore., October 30, 1907.

October 30, 1907.

Notice is hereby given that
Anna Adams formerly Anna Marks
of Prineville, Oregon, has filed notice of
her intention to make final five-year proof
in support of her claim, viz: Homestead
entry No. 11446 made September 8, 1902, for
the El-2 NE4, SW14 NE54 and NE34 sec. 8,
tp. 15 South, range 17 east, W. M. and that
said proof will be made before the county
cierk at Prineville, Oregon on January
3, 1908. 3, 1908, names the following witnesses to

She names the following witnesses to prove her continuous residence upon, and cultivation of, the land, viz:

Alma Morris, Stephen W. Yancey, Charles Feuerhelm, and Abel W. Morford all of Prineville, Oregon.

11-7pd C. W. MOORE, Register.

House and lot for sale cheap. Call on J. W. Horigan or D. F.

HORIGAN & STILL

Timber Land, Act June 3, 1878

Notice for Publication. United States Land Office,

The Dalles, Occ., September 21st, 1907 Notice is hereby given that in compli ance with the provisions of the act Congress of June 3, 1878, entitled "

United States Land Office in The Dalles, Oregon.

The said contestant having, in a proper affidavit, filed October 7, 1907, set forth facts which show that after due diligence personal service of this notice 10-31p C. W. MOORE, Register.

> Contest Notice Department of the Interior,
> United States Land Office
> The Dalles, Oregon, October 23, 1907.
> A sufficient contest affidavit having been filed in this office by
> Bert E. Nichols.

Beri E. Nichols, contestant, Sainst homestand entry No. 14779 made November 5, 1895, for 85, 889, W. M., 888, 88c. 20, tp. 14 south, range 13 east, W. M., by Julius B. Ellinger, Contestee, in which it is alleged that said Julius B. Ellinger has wholly abandoned said truct; that said tract is no descriptions of the said tract in the said tract is not said truct. aleged that said tract; that said tract is not settled upon and cultivated by said party as required by law; that no residence has been established on said claim by him since his application was made and that no improvements of any description are on said tract; that said alleged alseence was not due to his employment in the army, navy or marine corps of the United States in time of war. Said parties are hereby notified to appear, respond and offer evidence touching said allegation at 16 o'clock a. no. December 18, 1807, before Warren Brown, county elerk, at his office in Princeville, or good, and that final hearing will be held at 19 o'clock a. m. on December 18, 1907, before the Register and Receiver at the United States Land office in The Dalles, Oregon.

The said contestant having, in a proper affidavit, filed October 21, 1907, sot forth facts which show that after due diligence personal service of this notice can not be made, it is notice that such notice be given by due and proper publication.

end proper publication. C. W. MOORE, Register. Contest Notice Department of the Interior

United States Land Office The Dalles, Oregon, October 22, 1907. A sufficient contest affidavit having been filed in this office by

been filed in this office by
Joseph H. Crooks,
contestant, against homestead entry No.
11377, made August 20, 1902, for N½
SW½, SW½ SW½, SW½, NW½, Sec. 12,
Tp 14 south, range, 18 east, W. M. by
Pearl Chamberlain Contestee, in which
it is alleged that said Pearl Chamberlain has wholly abandoned said tract
for more than six months last past;
that said tract is not settled upon and that said tract is not settled upon cultivated by said party as required by law; that said alleged absence was not due to her employment in the army, navy or marine corps of the United States in time of war. Said parties are hereby notified to appear, respond and offer evidence touching said allegation at 10 o'clock a. m. on December 10, 1907, before Warren Brown, county clerk, at his office in Prineville, Oregon, and that final hearing will be held at 10 o'clock a. m. on December 17, 1907, before the Register and Receiver at the United States Land. Office in The

Dalles, Oregon The said contestant having, in a proper affidavit, filed October 10, 1907, set forth facts which show that after due diligence personal service of this notice can not be made, it is hereby ordered and directed that such notice be given by due and proper publication.

10-31 C. W. MOORE, Register.

Descri Land, Final Proof, Notice for Publication.

United States Land Office,
The Dalles, Ore., Oct. 30, 1907.

Notice is hereby given that
Walter E, Ruble, Guardian of Martha A. Ruble
of Culver, Crook County, Oregon, has filed
notice of intention to make proof on his
desert-land claim No. 420, for the W14 SE4;
Sec. 18, Tp. 14 south, range 12 cast, W. M.,
hefore County Clerk at Prineville, Oregon on
January 4, 1908.

He names the following witnesses to prove
the complete irrigation and reclamation of
said land:
James A. West, Sidney E. West, James Notice for Publication.

said land:
James A. West, Sidney E. West, James
Fox, all of O'Nell, Oregon, and John C.
Donaldson of Cline Falls, Oregon.
11-28p
C. W. MOORE, Register.

Notice to Creditors.

Notice is horeby given, by the undersigned the administrator of the estate of Fred P. Anderson, deceased, to all persons having claims against the estate of the said Fred P. Anderson to present the same with the proper vouchers to the undersigned at his office in Princylle, Oregon, within six months of the first publication of this notice.

Dated this 19th/day of Sept., 1907.

Administrator of the estate of Fred P. Anderson, deceased.

Rolled barley, lowest cash price at J. E. Stewart & Co.



Hats, Shoes and Clothing

A complete line of Gent's Furnishings at Prices that you can afford to pay. Call in and let us show you the goods and quote you our prices.

A Choice Line of Cigars & Tobaccos

THE OWL CASH STORE

R. B. ADAMS, Proprietor

13 (2) (2) (2) (2) (2) (2) (2) (2) (2)

PERRY LONG Long & Snoderly

Dealers in Fine Wines, Liquors and We handle the celebrated Sedgwick Whisky, noted for its rich, mellow flavor. Sole agents for Hop Gold Beer and the famous Napa Soda.

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First Class Meals 25c and Up Fresh Oysters and Fish in Season

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Seneral Blacksmithing

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Robert Moore

PRINEVILLE,

Satisfaction Will

Shingles, Mouldings, Windows, Doors, Glasses, Etc. Etc., Etc.

Be

Guaranteed

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OREGON

* * *

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Fine Livery Rigs For Rent