

"EXPERT" SANDERS HEARD FROM AGAIN.

Oregon Agricultural College, Corvallis, Ore., May 23—Several fakery in different parts of the state are perpetrating frauds upon the farmers and orchardmen, giving as recommendation for their spurious wares the names of professors at the Oregon Agricultural College who never heard of them.

Dean Arthur B. Cordley of the agricultural college has just received a letter from a farmer near Tualatin, asking his opinion of a new treatment of orchards to render them immune from all kinds of pests for six years, to which the agent claims to have Dean Cordley's indorsement.

"A man named Saunder," the letter says, "claims to have a treatment whereby he renders trees immune from diseases by the application of some chemicals to the roots, especially apple trees. He claims that they will be cured of anthracnose, and that the codling moth will not bother such treated trees for six years, and that no spraying is required on treated trees, other than a light spray of concentrated lye once every two or three years, to keep moss off the trees. Mr. Saunder gave me the name of Prof. Cordley as reference, so I ask the college to give me its opinion. I regard this fellow as a fraud, pure and simple, and in order to protect my neighbors from his operations I have written to the college."

Dean Cordley replied: "I know nothing whatever of him, and if I should give my testimony in the case, it would be to the effect that any man who claims to be able to render trees immune from the attacks of the codling moth, anthracnose, and other fungous diseases by an application of certain chemicals to the roots of trees, is a fraud."

Sanders operated in and around Cottage Grove for two seasons and most of his great pest destroying discoveries were looked upon as simply hallucinations here. However, he possessed considerable knowledge of fruit pests and treatment for them, especially the San Jose scale and did some good work for local orchardists. He is very eccentric and visionary, however, said to be the result of serious injury sustained in a dynamite explosion in California a few years ago. He left Cottage Grove a year ago ostensibly for Honolulu.

Patronize Leader advertisers.

EXCURSION FARE EAST

During the months of May, June, July August and September, 1911, on dates shown below, the

Southern Pacific

will sell round trip tickets from Cottage Grove via Portland as follows:

TO—	FARES
Chicago	\$76.85
Council Bluffs	
Omaha	
Kansas City	64.35
St. Joseph	
St. Paul	
St. Paul via Council Bluffs	68.25
Minneapolis, direct	64.35
Minneapolis via Council Bluffs	68.25
Boston	114.35
New York	112.85
St. Louis	74.35
Washington, D. C.	111.85
Atlantic City, N. J.	106.75

SALE DATES

May 24, 25, 27, 28 and 29.
June 5, 7, 9, 10, 12, 16, 17, 21, 22, 28, 29 and 30.
July 1, 2, 3, 4, 5, 6, 19, 20, 26, 27 and 28.
August 3, 4, 5, 14, 15, 16, 17, 21, 22, 23, 28, 29 and 30.
September 1, 2, 4, 5, 6 and 7.
Stop-overs within limits in either direction. Final return limit October 31.

For fares one way through California inquire of any Southern Pacific agent, or write to
WM. McMURRAY
General Passenger Agent
Portland, Oregon

A FINE ARTICLE ON SMALL FARMS

Dr. James Withycombe, who has made the agricultural possibilities of Oregon his life study and has devoted special attention to the small farm, recently delivered a lecture at the Portland Y. M. C. A., on the "possibilities of a small farm," in which he predicted that Oregon agriculture will be ultimately characterized by its small farms intensively cultivated.

In this lecture Dr. Withycombe said that a good living can be made on 10 acres and suggested the following rules for handling such a farm.

In a general way one acre should be utilized for the buildings, lawn and home garden; four acres should be devoted to the growing of hay for the livestock. For western Oregon conditions this hay should be mainly clover. Four acres of good clover should yield 15 tons of hay and furnish one month's pasture. One acre of tree fruits, comprising early fall and winter varieties of apples, Bartlett and winter pears. If the land is sandy, peaches may also be included. One acre of small fruits and vegetables; one acre of potatoes; two acres for growing summer foliage and winter succulent feed for the cows. One acre of this should be planted to corn to be fed green after the clover pasture is done. The remaining acre should be planted one-half to kale and a fourth to mangels and a fourth to winter rye and vetch for early spring cutting. This series of crops should furnish, under good cultural methods, sufficient green feed and hay for four cows and one horse for one year.

The gross returns from this system of farming should be approximately as follows:

Butter fat, 1100 pounds at 32 cents per pound, \$352; 24,000 pounds of skim milk at 30 cents per hundredweight, \$72. This is estimating the food value for poultry, hogs or calves. Eggs from 200 hens, 2000 dozen at 28c per dozen, \$560; potatoes, \$100; fruit, \$250; vegetables, \$75; total gross income, \$1409.

Expenditures—Feed for poultry \$200; five and one-half tons of grain and mill feed for horse and cows at \$28 per ton, \$154; four tons of straw, at \$5 per ton, \$20. Total cost of feed and bedding, \$374, thus leaving a balance on the right side of the ledger of \$1035.

Notice of Filing of Plat of Survey.

Notice is hereby given that the following lands have been surveyed, to-wit:

All of township 16, south range 3 East of Willamette Meridian, except part of sections 30, 31, 32 and 36, and that plat of survey will be filed in this office on Thursday, June 29, 1911, at 9 o'clock a. m., and on and after such day we will be prepared to receive applications for the entry of the unserved and unappropriated lands therein.

BENJAMIN F. JONES,
Register.
GEORGE W. RIDDLE,
Receiver.

Guardian's Sale.

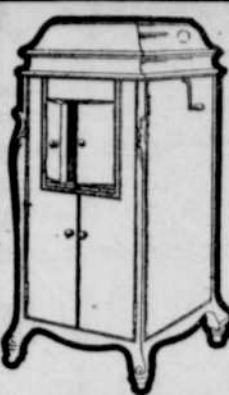
Notice is hereby given that I, Eva L. Hickey, the duly appointed qualified and acting guardian of the person and estate of Veta May Hickey and Norman Gleu Hickey, minors, by virtue of an order of the County Court, of Lane county, Oregon, made on the 23rd day of January, 1911, will sell at private sale for cash in hand, the following real property belonging to said minors, to-wit:

NW 1/4 of SE 1/4 and E 1/2 of SW 1/4 of NE 1/4 of Section 7, Tp. 21 S. R. 2, West, in Lane County, Oregon. Said sale will commence on Saturday, the 24th day of June, 1911, at Cottage Grove, Lane County, Oregon, and continue until said land is sold.

Eva L. Hickey, Guardian.

Sick headache results from a disordered condition of the stomach, and can be cured by the use of Chamberlain's Stomach and Liver Tablets. Try it. For sale by Benson's Pharmacy.

Victor-Victrola



The gradual development of music through the centuries has reached its height in this superb instrument.

Victor-Victrola XVI
\$200 and \$250
Other styles of the Victor-Victrola \$75, \$100, \$150
Victrola \$10 to \$100

Come in and hear it. The desire to own one can easily be fulfilled on our easy terms.

THE WAVE

COTTAGE GROVE Hospital and Sanitarium

Right Here at Your Home

Surgical Cases Especial Attention

X-RAY LABORATORY

For Further Particulars Address

DR. H. C. SCHLEEF

Cash Paid

...For...
POULTRY

VEAL HIDES

EGGS

...Apply To...

THOS. PEARCE

WEST SIDE

Barrels 14 to 35 Gallons Carpets and Rugs

Made to order and Satisfaction guaranteed both as to workmanship and prices. Apply to

J. M. Comer Phone 106 L
Wall St.,
near Adventist Church

KODAKS

and all supplies for all kodaks

Schwarzschild's Book Store EUGENE, OREGON

PORTLAND Rose Festival

to be held in
Portland, Oregon

June 5 to 10, 1911

Will be a
Most Brilliant
Event

Floral Fiesta and Civic Jubilee

Portland, "The Rose City," will be a scene of splendor and the center of world-wide interest for one week

One and One Third Fare

To Portland
From All Points
ON THE SOUTHERN PACIFIC
LINES IN OREGON

To keep perfectly posted on all matters relating to this great event, call on local agents for circulars and printed matter, or write to
WM. McMURRAY, Gen. Passenger Agt.,
Portland, Oregon

Music Lessons.

Stringed and Band Instruments.
Leave orders at The Wave.

MIL O. ROACH.

For Trade

Double Disc plow, used one season. Will trade for Jersey cows or heifers. Phone 2x2, farmers, W. A. Hemenway.

Notice

The party who took the music rack from the Methodist church a few weeks ago will greatly oblige the owner by returning it to this office.

Good Business Proposition.

For sale—a good well drilling rig on trucks, in good condition, gasoline power, 300-foot capacity, drills 3 and 4 inch holes. All tools necessary. Inquire of the Co-operative Realty Co.

For sale—480 acres of land suitable for stock, sawmill, farming and fruit. It joins the Milwaukee Orchard Co. A trout stream and a lot of springs on the place. Would make a fine home. 80 acres fenced, log house, barn, grainery, wagon shed, chicken house. \$16 per acre. \$2000. Terms on balance. S. F. Jackson, Loran, Oregon.

ANNOUNCEMENT.

To my large stock of phonograph good, I have added a line of Victor Talking Machines and records. You are cordially invited to call at my store and hear records made by the world's greatest artists, played on the Victrola, the king of entertainers.
MARION VEATCH.

O. & S. E. R. R. Company

TIME TABLE NO. 5

To Take Effect June 19 1909

E. BOUND No. 1.	STATIONS	W. BOUND No. 2.
7:30	J.V. COTTAGE GROVE AR.	12:00
7:50	WALDEN	11:25
7:59	CHERO GOOD	11:16
8:14	DORNA	11:08
8:30	STAR	10:40
8:50	WICKER	10:33
9:05	RED BRIDGE	10:28
9:15	WILWOOD	10:15
9:45	AR. DISTON LV.	10:09

Subject to change without notice.

All outward freight shipped only at the joint risk of shippers and consignee. Stage leaves Diston after arrival of train on Monday, Wednesday and Friday for Orasco, returning on Tuesday, Thursday and Saturday.

Freight will not be received at the O. & S. E. R. R. Depot after 5 p. m. To insure forwarding on next train freight must be delivered in ample time to permit of its being billed.

A. B. WOOD, Manager

S. P. Ry. Time Table

NORTH BOUND.

No. 16.....1:48 a. m.
No. 20.....3:56 p. m.
No. 18.....11:02 a. m.

SOUTH BOUND.

No. 15.....1:26 a. m.
No. 17.....10:27 p. m.
No. 13.....6:42 a. m.
No. 19.....3:02 p. m.

G. F. King, Agent,
Cottage Grove, Oregon.

Can a Projected Route to The South Pole Be Stolen?



expeditions will be striving for the southern honors, and one of them may be accused of stealing the route of another.

This brings an interesting question into the field of debate. Can a projected route to the south pole be stolen? Heretofore there never has been a large enough field of contestants in a polar dash to arouse any such contention as to routes. Now it is different, and the American expedition is practically accused of seizing a German route, the accuser being an Englishman at present foremost among antarctic explorers.

Apparently the field for the antarctic Derby has slimmered down to three ac-



© 1910, by American Press Association.

HARRY WHITNEY

tive contestants—Captain Robert Falcon Scott for England, Captain Robert A. Bartlett and Harry Whitney for America and a German expedition commanded by Lieutenant Filchner. There is a Japanese party talked of, but as the mikado's representatives have not yet started and the equipment is likely to be insufficient it is not reckoned as dangerous by scientists.

At present the situation is like this: Captain Scott has started, leaving New Zealand and following Lieutenant Ernest H. Shackleton's route. The Germans will start during the summer and the Americans about fall and both the same starting point on antarctic shores. Lieutenant Shackleton on hearing the American plans criticised them for adopting the same route as Lieutenant Filchner had selected, and if international courtesy is really respected in such matters and the laws of sportsmanship demand such action Bartlett and Whitney are likely to change their tentative itinerary.

The Americans have a number of plans in mind for their trip which will embrace some features not used by Shackleton when he came within 111 miles of the south pole, but which were found invaluable in Peary's conquest of the northern goal.

Both Whitney and Bartlett are known not only to the world of ex-



MOTOR SLEDGE IN ANTARCTIC TRAVEL.

ploration, but to the world in general, because of their prominence in polar work for many years. Whitney is now about thirty-eight years of age and, although wealthy in his own right, has devoted most of his life to big game shooting and such adventurous experiences. He lives in New Haven when at home, which is seldom, and has engaged in copper manufacturing, sheep

raising in Australia and ranching in Arizona. He accompanied the successful Peary expedition to the frozen north, but did not continue on the polar quest, as he desired to do some game shooting. It was on this expedition that he became mixed up in the Peary-Cook controversy by meeting the Brooklyn explorer at Etah, Greenland. Cook, it will be remembered, claimed he had left his records in charge of Whitney, who was to bring them to America.

Whitney has visited the arctic four times, his most recent call being a hunting trip during the summer of 1910 in company with Paul J. Halsey, the young Cleveland millionaire, and Captain Bartlett.

Bartlett, who is thirty-five, comes of a family of seafarers. He is a native of Newfoundland and is a college man destined for business, but who could not get the smell of salt out of his nostrils. He shipped before the mast and rose until he got his captain's certificate. He first went north with Peary in 1898, again in 1905 and then on the famous trip when the pole was found.

These two have already picked out their ship—an old Newfoundland whaler—and have laid out their route. Because of Scott having selected the Shackleton route from New Zealand they decided to try for the pole from the other side. So if they have crossed the German plans it is likely they will map another assault.

They expect to sail from New York in September, 1911, for Punta Arenas, Chile, the southernmost port in South America. From there they will try to reach Coats Land, in the antarctic, before navigation closes in February. This land was discovered in 1904 by the Scotch expedition under Bruce, but no landing was made, so it is still terra incognita. If possible, a landing will be made and the polar dash begun. This will be a distance of 800 miles, a longer distance than Shackleton had to sledge. If a suitable anchorage is found the ship will be there all winter; otherwise it will return to South America and then pick up the explorers the following year.

The relaying system of sledging—such as used by Peary in his successful quest—will be used, and arctic dogs will draw the sledges and not ponies, as in Shackleton's case. Both Whitney and Bartlett consider ponies too heavy, often breaking through crust. The explorers in the south pole region have one advantage over those



© Clinedinst, Washington.

CAPTAIN R. A. BARTLETT.

who frequent the other end of the earth—they do not face the treacherous leads of floating ice which appear solid. In the south every step that is advanced really counts.

The British expedition has a long lead over its competitors. Captain Scott left Cardiff, Wales, June 15, 1910, in an old Dundee whaler, the Terra Nova. He expects to start his dash from antarctic land early in 1911 and hopes to reach the pole by Christmas, returning to civilization the following spring.

He expects to have a series of depots erected south of the great ice barriers, as they have supplies sufficient for three years. It is on this expedition that the motor sledge will be tried. Scott was with Shackleton and saw the possibilities of the automobile mounted on runners, which was good, but not enough for all needs.

The German expedition under Lieutenant Filchner has been thoroughly financed and outfitted and expects to leave for the southern seas in the summer of 1911. They will seek a landing on the Weddell sea, the point aimed at by Whitney and Bartlett.

The Japanese ship, the starting of which appears dubious, according to advices from Tokyo, is only about 150 tons burden, and the food supplies are to be limited to rice and dried cuttlefish. Then there is a Norwegian expedition projected, so if all start there will be five in the race.