



Our Showing of Fine Groceries

is surprisingly attractive to women who like to set a good table. There is every table dainty you can think of and then some. A stock of them in the house means the ability to prepare a dainty lunch or refreshment at the shortest notice. Have you such a stock?

KERR & SILSBY

ALFALFA GROWS ON COAST SOILS

Dr. James Withycombe of O. A. C. Speaks on Forage Crops.

"Alfalfa will grow well on most of the well-drained soils along the coast, particularly the sandy-loam soils," says Dr. James Withycombe, director of the experiment station of the Oregon Agricultural college, in replying to a recent inquiry from Eugene asking whether alfalfa will grow on the bottom ground along streams of the coast range mountains where soil conditions are the same as on Lower Siuslaw river, Lake Creek, Dead Wood, Ten Nile and Yaquina.

"The great trouble is that it comes at a time when it is ready for hay before the season is favorable for cutting," Dr. Withycombe continued. "Again, in the coast region it is somewhat dangerous to feed alfalfa green on account of so much moisture. I think clover would be the better forage crop, for pasture and hay, in this section. Alfalfa would be excellent in this section for a soiling crop, cutting it and, after it has slightly wilted, feeding it to the cows. It will furnish green succulent feed from May until November."

In response to further query as to

the advisability of keeping the cows in a lot and feeding them kale and mangles when there is plenty of good pasture, Mr. Withycombe says "where one has plenty of available pasture, soiling would not pay; but where the pasture is limited and land values high, soiling certainly pays. Even where the pasture is fairly good it will pay to establish a partial soiling system, feeding some green cut clover or alfalfa night and morning as a supplement to the pasture."

Being asked if it would pay to put a shovelful of manure in each hill in the corn field at seeding time when the land is run down, he replies, "the better plan in growing corn is to put on ten or twenty loads of barnyard manure to the acre and plow it under. It is not a good plan to apply the fertilizer directly to the hill, as the roots of the plant occupy the whole surface of the ground."

Water Power Sites Withdrawn.

Waterpower site reserves were created in Arizona, California, Idaho, Oregon and Utah during January by presidential proclamation on recommendation of the United States Geological Survey, covering 9,311 acres. This action was taken in furtherance

of the policy of withdrawing all public lands found on examination to possess value as power sites, pending legislation by Congress to allow development by leasing or otherwise. The total withdrawals outstanding on January 31, 1912, embraced 1,726,375 acres, including thousands of power sites.

During January 7,275 acres previously withdrawn were, on further examination, restored to entry as having no value for the development of power. The original withdrawals of power-site lands, as recommended by the engineers of the Survey, are invariably made as small as possible, but where more detailed field examination shows that they can be further cut down without endangering the interests of the public such excess areas are immediately restored to the public domain. Thus, of the nearly 2,000,000 acres which have been withdrawn during the last four years for power sites, 184,383 acres have been so restored.

CLUB PLANS TO MAKE SCHOOL SOCIAL CENTER

The committing of the Progressive Business Men's club of Portland to the promotion of the public schools of Portland as social centers was the feature of a luncheon recently held by the club.

After addresses by Thomas Hawkes and Ernest Kroner—the former touching on the value of the school as a people's forum and center of advancing thinking and the latter dwelling on the necessity of vocational education to reduce the army of the jobless—a resolution introduced by Walter S. Asher and argued for by George M. Hyland and others was unanimously adopted. The club will adopt a program of social center promotion that shall have the definite objective of getting the people together frequently.

Mr. Kroner said that more time was wasted in America by men looking for work than is wasted either in time or

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money in any other activity, governmental and private. He added that if the schools would turn out annually a million boys with hands and heads trained for usefulness in some definite life occupation the job hunting might nearly cease.

Mr. Hawkes told how social centers have been developed in other cities to the social and moral and intellectual uplift of the people and urged strongly that the movement in Portland should be enthusiastically and vigorously supported.

TO CONTROL TREE ENEMIES.

Mountain Pine Beetle Must Be Fought Vigorously.

Throughout the Pacific slope and Rocky mountain regions grow the largest and most valuable coniferous tree species of the world; the pines, the spruce, the Douglas fir, the balsam fir, the cedars and the Sequoias (redwoods.) Each one of these has at least one insect enemy which has killed trees in the past and is actually doing so today.

"Insect damage to standing timber in the national parks, is the title of a paper read by an expert of the bureau of entomology, U. S. department of agriculture, before the conference of national park superintendents, held under the auspices of the secretary of the interior on September 11, 12, 1911, and issued as circular 145 of the bureau of entomology. In the circular a summary is given of the damage caused by a little group of "tree-destroyers" beetles, and of the practical methods of controlling them, resulting from the investigations of the bureau of entomology.

In the national forests where there was no evidence of destructive fires for the last 20 years, it was found that the standing and fallen dead yellow pine that had died within that period and which had heretofore been considered as a natural and inevitable forest condition, represented in board feet, nearly half as much timber as was then living. The sugar pine and Douglas fir represented one-fourth as much dead as was living. Every dead tree examined in this estimate showed evidence that it had been killed by insects.

An irreparable loss was caused from an aesthetic point of view in 1904 and '05 by the death, through the attack of the mountain pine beetle, of the three giant sugar pines on the trail from Wawona to Glacier Point and the Yosemite valley. The veteran sugar pine known as "Uncle Tom" along the road entering the park, was also killed by the beetle.

The fact that it is plainly shown that this waste of natural resources can be prevented must interest not only the officials of our national and state parks and forest, but every owner of timber large and small.

If it's a rush job of printing, the Sentinel will get it out for you on time.

SNAPSHOTS AT CELEBRITIES

John Grier Hibben, Princeton's New President.



Professor John Grier Hibben, who has just been elected president of Princeton university, has been professor of logic at Princeton for nearly twenty years. He succeeds Woodrow Wilson, who resigned the presidency in October, 1910, just before he was elected governor of New Jersey. Since that time until now Princeton has been without a head. Recently Dr. J. M. T. Finney of the Johns Hopkins medical faculty had the offer of the presidency, but he declined.

Princeton's new head is a native of Peoria, Ill., and will be fifty years old next April. He was graduated from Princeton in the class of 1882. He studied at the Princeton Theological seminary and subsequently at the University of Berlin. In 1887 he was ordained to the Presbyterian ministry. From that time until 1891 he was pastor of the Chambersburg (Pa.) Presbyterian church, when he returned to Princeton as an instructor in logic.

Professor Hibben is recognized as one of the influential members of the faculty, on which he has served since 1893. He has published half a dozen books on the subject of logic.

Prudential's New President.

Forrest F. Dryden of Newark, N. J., the new president of the Prudential Insurance Company of America, is the only son of the late Senator John F. Dryden, whom he succeeds as head of the institution. He also took his father's place in the executive committee of the Life Insurance Presidents' association.



FORREST F. DRYDEN.

ther's place in the executive committee of the Life Insurance Presidents' association.

President F. F. Dryden is a native of Ohio, forty-seven years old, and entered the service of the company at the age of eighteen after a course at Phillips academy, Andover, Mass. He began as a clerk, then entered field work, and under the tutelage of his father gained an intimate knowledge of industrial insurance. He became secretary in 1900, third vice president three years later and last year was elected vice president.

The Horse Trader's Profit.

Judge A. A. Adams of the Indiana appellate court tells a story of a man who was a good horse trader, but through lack of mathematical education was unable to determine his per cent of profits.

"This man," relates Judge Adams, "made a good trade and he was anxious to know his real per cent of profit, so he consulted a schoolteacher.

"I bought a horse the other day for \$25 and sold it for \$175. Now, what was my per cent of profit?" he asked the teacher.

"That," replied the teacher, "was not profit. It was larceny."—Indianapolis Star.

Spray's Column

Spray's Platform.

This column stands for good roads, good homes, better markets and the cash system of buying and selling. I don't believe in one man paying the other man's debts.

I have rented this column to advertise the business of J. F. Spray, phone 162, located at the big hole in the wall near the depot; also to advertise anything other people may have to sell. I will give one-half of one column in this paper every week to the people in and near Cottage Grove for their advertising. If you have goats, sheep, horses, cows, chickens, pigs or grain to sell, phone 162 or come in the big hole in the wall and tell me about it. I will try to find you a buyer and it won't cost you anything unless you buy something of me.

If you take The Sentinel, look for the Spray column and see what your neighbors have to sell. If you don't read The Sentinel, go and subscribe for it right away, as this column will be worth the price of the paper. You can see what your neighbors have to sell, you can advertise what you have to sell; and if you have nothing to sell and do not want to buy anything, come right into the big hole in the wall. I would like to buy the recipe of how you live.

This is a square deal proposition. I want people to read about what I have to sell. I expect every reader to get well paid for reading what I have to say, and if anyone is dissatisfied, I invite him to come right down to the big hole in the wall, and I will sell him a sack of Cupid or Waldo Hill flour at cost. Then we will call it square and he can read this column next week for nothing.

J. H. Chambers has slab wood for sale. The reason he can give you good measure is because he bought two new wagons of Spray. Then he buys Waldo Hill flour and loads going and coming.

Eggs for hatching from a splendid winter-laying strain of Buff Orpingtons, \$1.50 per setting of 15 eggs. Mrs. Kate Sears, box 99, Cottage Grove, Oregon.

Buy a fanning mill. I have the best seed cleaner on the market. Come in and see it when you come to town. Remember Spray at the big hole in the wall.

Ask your neighbor what he saves by using a seed drill. Then come in and I will sell you a drill at prices and terms whereby it will not cost you a dollar. It pays to farm right.

G. H. Tyson has a good, second hand buggy for sale cheap; nearly new; reason for selling, it doesn't fit his small horse, but I think he is stuck on one of my high grade, low bike wheel Studebaker wheel buggies.

Hood River Niagara Sprays, the best by every test at Spray's.

W. A. Hemenway has Brown Leghorn roosters for sale. Also one two-year-old Jersey heifer. Will be fresh in a few days.

Mrs. S. E. McFarland has Buff Orpington eggs for sale at \$1.00 per setting.

J. V. Thornton has pigs for sale. Gentle pony for sale. Frank Fulton. Driving team for sale. Joe Burnett.

A pair of coach colts for sale; three years old, gentle and well-mannered. J. F. Spray, phone 62.

Second hand wagon for sale. Phone 162.

Eugene Miller has a mare for sale. Weight about 1,300 lbs.

R. H. Kennedy has two Jersey cows for sale.

Buy your feed and flour of Spray. Phone 162.

Shingles and posts. Phone 162.

I deliver free to all parts of town. Spray, phone 162.

Order a trial sack of Cupid flour. A No. 1 hard wheat only \$1.25. I guarantee every sack to be as good as there is in town. Phone 162.

Harry Mitchell has a White Minorca cock for sale.

I have a few more of those 10-acre tracts that mean a happy home and a good living. J. F. Spray, phone 162.

FOR SALE AT KNOWLES & GRABER'S

- 1 Spaulding Carriage—2 seat; almost new.
- 1 Buggy—1 seat; almost new.
- 1 Buggy—old but still in the ring.
- 2 Wagons—1 Better and 1 worn.
- 3 Horses—9 and 10 years old.
- 1 Piano—Ivers & Pond, old style.
- 1 Organ—Mason & Hamlin, old style.
- 1 House and two large lots. 40 acres timber.

Knowles & Graber

IN THE WORLD OF SPORT

Hatch Sure of a Place on the Olympic Team.



Sidney Hatch, the Chicago Marathon runner, who won the Yonkers (N. Y.) run Thanksgiving day, is one of the veterans of the game. He has won five or six Marathons and besides holds a record of running a hundred miles in 16 hours 7 minutes 42 seconds.

It was his fifth attempt to win the Yonkers run, and he was always in the first ten. Hatch will undoubtedly represent the United States in the next Olympic games at Stockholm.

American Yachts Abroad.

British yachtsmen and yachtsmen of the continent of Europe have had many opportunities in past years to see the best of the American built vessels, and the visitors from this country to the other side of the Atlantic have always attracted much attention and the models of the yachts have caused favorable comment. Long ago such craft as the Henrietta, Vesta, Fleetwing, Sappho, Dauntless, Coronet and in more recent years the Vigilant, Eudymion, Ingomar, Atlantic, Hildegarde and Westward crossed the Atlantic, and some of these made remarkably fast passages. Several of them, notably the Vigilant, Atlantic, Ingomar and Westward, participated in the regattas, and all were successful. The Westward captured every race except one in which it sailed, and that one was a handicap, and the yacht had little chance of success.

New York's Baseball Plants.

More than \$2,500,000 is being spent on new baseball plants for the fans of Greater New York. New stadiums are either under way or under contemplation for the Giants, the Yankees and the Brooklyn Superbas. These and their cost are: Giants' stadium, \$1,000,000; Yankees' new park, \$850,000; Brooklyn's new park, \$750,000. Within a year the three fields in Greater New York will be able to seat 110,000 fans in one afternoon. The Polo grounds will seat 50,000, the Yankees' new park will seat 30,000, and the stadium to be erected in Brooklyn will accommodate 30,000.

Would Head Off Our Athletes.

The foresightedness of the governing athletic powers in the United States in taking advantage of their knowledge as regards preparations for the Olympic games in Stockholm this year apparently has many of the enthusiasts of other countries busy devising ways and means for putting a stop to the winning career of Uncle Sam in these world's championship events, which have since the arrival of a new epoch along such lines in 1896 gone to the credit of the track and field men coached along systematic lines, which obtain in the United States.

English Oarsman Gets Jewel.

Ernest Barry, the English professional sculling champion, was recently the recipient of a handsome silver cup and a diamond ring in recognition of his three victories for the English sculling championship, which were gained over G. Towns of New South Wales, W. Albany of Lea Bridge, England, and W. H. Fogwell of Australia. The first success was on Oct. 12, 1908, when Barry established a record for the Putney to Mortlake course, and the last on Sept. 11, 1911.

A Bred in the Bone Tiger.

Princeton university's football captain for next fall's eleven, Talbot Taylor Pendleton, is surely a born "tiger." His great grandfather was a member of the class of 1796, his grandfather was graduated in 1835, and he had uncles in the classes of '33 and '34. Pendleton's father went to West Point, but prepared at Lawrenceville, the Princeton prep school.

South Africans Take Up Hockey.

An artificial ice rink has been opened in Johannesburg, the ceremony connected therewith being performed by Lord Methuen. The structure covers an area of 40,000 square feet, the ice surface being 180 feet long and 80 feet wide. The club has a membership of 500. Hockey is to be played there this winter.

Go Way Back and Sit Down

That advice is all right if you've got something to sit on

But then you can easily rectify any deficiency of that kind. We can supply you with most anything that was ever meant to be sat on—Rockers, some comfortable ones, Chairs, both cheap and expensive kinds, Lounges, the kind you liked before you were married, and also larger ones, Baby Chairs of all kinds.

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H. Spoelstra chased Perry H. barber shop on hard will remain awhile. Mr. Sp. E. B. Minor col family in a few

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METHOD

Sunday evening SUBJECT OF "DEAD" Duet by Miss Selections by the

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