

O.A.C. SHORT COURSES

BEGIN JANUARY 3. CONTINUE FOUR WEEKS.

**YOU
ARE
INVITED**

Every citizen of Oregon is cordially invited to attend the short courses of the Oregon Agricultural College, beginning Jan. 3. Eleven distinctive courses will be offered in Agriculture, Mechanic Arts, Domestic Science and Art, Commerce, Forestry and Music. Every course is designed to HELP the student in his daily work. Make this a pleasant and profitable winter outing. No tuition. Reasonable accommodations. For beautiful illustrated bulletin address H. M. TENNANT, Registrar, Corvallis, Ore.

FARMER'S BUSINESS COURSE BY CORRESPONDENCE

Bend Machine Shop

All Kinds of Saw Mill and Farming
R-E-P-A-I-R-S

We Carry a Large Stock of
Auto Repairs and Supplies

Wall St., next to Opera House

THE "HORSE COMFORTABLE."



is the animal whose Harness is bought here, because it will fit him easily and afford him protection. Equine outfits complete, well made in every particular by the most expert makers, and in the best materials. Horse Blankets made to order. Everything the animal wants in the way of clothing and at most reasonable figures.

H. J. EGGLESTON

Manufacturer of Harness and Saddles
Dealer in Wagons, Buggies and Farm Implements
Hay and Grain for sale.

LUMBER

OF ALL KINDS

Irrigating Lath and House Lath
A Specialty

The timber we cut from is the best in the country, mill 4 1/2 miles southeast of Bend.

Pine Forest Lumber Com'y
BEND, OREGON



Bargain Period

November 8 to December 20, 1911
THE BEND BULLETIN
and
PORTLAND DAILY TELEGRAM
Entire Year of 1912

\$4.50

Rest of 1911 Free.
Regular Rates \$6.50 for Both Papers.



RUMORS FLY FAST

RAILROAD TALK GOING THE ROUNDS

Harriman Interests Said to Be Busy Surveying in Eastern Oregon for East and West Line—Bend Given as the Eventual Terminus of the Road

Rumors of railroad building still excite Bend people although they have heard countless stories of this kind. This was shown by the excitement last Thursday evening when the report got started from some source that the Hill people had let the contract for a line from Bend to Burns. It developed that there was absolutely no truth to it.

The report gained credence probably on account of the activity of the Harriman interests in Eastern Oregon. The Oregonian carried long stories Thursday and Friday of what is going on around Vale. According to these reports, Burns will be the western terminus of the extension the Short Line is now building from Vale towards the Malheur canyon. More than 100 civil engineers have gone into the field, it is said, since Judge Lovett visited Vale several weeks ago and construction of 140 miles west of Vale has been authorized, it is reported. The Oregonian says:

"Plans of the Harriman system provide for extension of the new road to Burns, which at present is the proposed terminus. However, the line will extend eventually to Bend, and may possibly penetrate the Cascades and find an outlet in the Willamette Valley.

"As soon as the road is completed to Bend, less than 50 miles will remain to connect it with the main line of the Southern Pacific at Crescent, which will be one of the principal points on the Natron-Klamath cut-off, work upon which now is under way.

"It is probable that the extension from Bend to Crescent will be made even before the cut-off is finished. Steady construction from Burns westward, therefore, is expected so that the Eastern Oregon country will have direct connection with the Willamette Valley, and that the heavy traffic of the valley, which constantly is growing heavier, may be handled eastward without the circuitous haul through Portland and over the main line of the O.-W. R. & N. Co.

"The Harriman system will complete the work planned for Eastern Oregon without delay, is the information coming from the general offices of the Oregon Short Line at Salt Lake City. W. H. Bancroft, general manager of the Short Line, will have charge of construction work, while Carl Stradley, chief engineer, will direct the field forces."

A Blind Painter.

The wonderful sixth sense supposed to be possessed by the blind is not a fable. I know a blind musician. He is a genius.

"That's not so remarkable. I know a blind painter."

"Impossible."

"Not at all. His work is perfect."

"A blind painter? His work is perfect? Why, what does he paint?"

"He paints blinds, you know."—Cleveland Plain Dealer.

London and New York.

New York will never give in the same degree as London the impression of being a real city. It is on too big of too small a scale for that; its rivers are too wide—they break the sense of continuity. At Charing Cross, with eleven miles of London in every direction, one gets a feeling of mass of immensity that is lacking in little old New York, as Manhattan is properly described.—Springfield Republican.

Not to His Liking.

"How did you enjoy your visit to your grandfather in the country, Rob?"

"Oh, it was fine, 'cept I had to wash my face and hands in raw water at the pump. I like it cooked best, like we have it at home."—Judge.

Continental Currency.

Continental currency notes were in July, 1780, worth 2 cents on the dollar and it took a "wagon load of currency" to buy a wagon load of provisions."

Wedding Venice to the Sea.

By dropping a ring into the ocean at Venice in 1177 the doge "wedded the city to the sea." The ceremony is repeated annually.

We ought to avoid the friendship of the bad and the enmity of the good.—Epictetus.

Masses of Mussels.

The mussel's natural home is at the bottom of the sea, never in very deep water and yet deep enough to be nearly always covered at any state of the tide. For preference it likes a bed of sand or smooth, fine gravel. To this bed it attaches itself by the ligature-like growth on the shell known as the byssus, and thus, standing on end with its point to the bottom of the sea, it forms itself in a dense mass so closely packed together that not an inch of the sea floor is visible. As new ones come they do not extend the ground space occupied, but range themselves one on top of another in layers, all firmly fixed together by a living cord of connection. In this position they are exposed to many dangers. A heavy storm may break the mass to pieces and disperse its constituents far and wide. An alteration of the tidal current may sweep a sand avalanche upon them and bring about their end by suffocation. Even if they escape these dangers it is certain that bottom layers will be crushed out of existence.

The Vegetable Lamb.

One of the most remarkable natural fetichs in the world is the Chinese kouchi, called by some people "the vegetable lamb." It is regarded by the natives of China as something supernatural. They believe it to be part vegetable and part animal. The plant certainly bears a resemblance to an animal, although it might be taken for a pig as readily as a lamb. Kouchi is composed principally of the plant known as rhizome and springs from seed. After attaining its full height roots and tendrils spring from the fiber and grow downward until they enter the earth. It is this peculiar formation which has caused it to be regarded with so much awe. The Chinese claim that after it has reached its full size it ceases to be vegetable and turns animal, feeding upon the tender shoots of plants which grow near it.—Wairarapa Times.

A Submerged Crater.

During the explosion of the volcano of Krakatoa, in the strait of Sunda, in 1883, a large part of the island of Krakatoa was blown away, and the sea took its place. Not long afterward measurements were made of the shape and depth of the cavity left covered with water at the northern end of the disrupted island. The results were published by Dr. Verbeek in 1885. Later Dr. Von Heintzen has remeasured the submerged basin formed by the explosion, and he finds that within the partial ring formed by the three remaining islands of the Krakatoa group there is a central basin, oval in shape and with a fairly level floor, having a depth over a considerable area of 820 feet. Comparison with the former measures indicates that there has been no change in the sea floor during the intervening years. There is no sign of volcanic activity.

Preserving Spiders' Webs.

Naturalists employ an ingenious method of preserving all kinds of spiders' webs. The webs are first sprayed with an atomizer with a thin solution of artists' shellac, and then, should they be of the ordinary geometric form, they are pressed carefully against a glass plate, the supporting strands at the same time being severed. After the shellac solution has dried the plates carrying the webs can be stored away in a cabinet. Even dome shaped webs may be preserved in their original form by spraying them with shellac and then allowing them to dry before removal from their supports. Many spiders' webs are very beautiful, and all are characteristic of the species to which they belong, so that from a scientific standpoint their permanent preservation is very desirable.

How Flying Fish Fly.

The popular notion that flying fish beat their "wings" is a mistake. If we are to rely upon the results of studies of these fish made by no less an authority than Captain Barrett Hamilton, it appears that the wings are not true organs of flight, but rather play the part of a parachute or an aeroplane. The whole motive power is supplied by the tail, which acts as a propeller, and the vibration or quivering of the wings in the air currents and their occasional shift of inclination are not phenomena connected with the propulsion of the fish in its aerial flight.

Deer in Scotland.

The deer are probably the safest crop in Scotland. Gats may perish and never ripen by reason of too early frosts and long continued wet. Grouse may have disease and cease to count on any moor for several years. Sheep are generally voted of less value than grouse. But deer are very rarely affected by the seasons in such a way as to touch the sport and the letting value of forests.—Illustrated Sporting News.

Where Now!

The Family Friend—My dear, I dare say you find comfort in the thought that you made your husband happy while he lived. The Widow, not realizing the double meaning of her words—Yes, indeed. Poor Jack was in heaven until he died.—London Sketch.

Tact.

"How shall I close this letter to Slow-pay—'yours truly' or 'respectfully'?"
"Say 'respectfully,' but add, in parentheses, 'for the last time.'"—Fleegende Blätter.

Great men should think of opportunity and not of time. Time is the excuse of feeble minded and puzzled spirits.—Disraeli.

Longfellow's Incomplete Library.

I remember there was one little boy of whom Longfellow was very fond and who came often to see him. One day the child looked earnestly at the long rows of books in the library and at length said, "Have you got 'Jack the Giant Killer'?"
Longfellow was obliged to confess that his library did not contain that venerable volume. The little boy looked very sorry and presently slipped down from his knee and went away but early next morning Longfellow saw him coming up the walk with something tightly crumpled in his little fists. The child had brought him 2 cents with which he was to buy a "Jack the Giant Killer," to be his own—Annie Field, "Authors and Friends."

Insect Tones.

An investigator given to the collection of curious data has observed that there are at least three different tones emitted by insects—a low one during flight, a higher one when the wings are held in such manner that they do not vibrate and a yet higher tone when the insect is held so that none of its limbs can be moved. This last, it is pointed out, is the "voice proper" of the insect. In some cases it is produced by the stridulation of the thorax.

THE BULLETIN'S classified ads bring results. If you have anything for sale or want to buy, use a Bulletin classified ad. It costs but little.



Holiday Goods

that will appeal to the discriminating man are found at

The Men's Toggery

Fancy Ties, Gloves, Suspenders, Collar Bags and in fact anything that will make an appropriate gift.

A. L. FRENCH

Special Inducement in Prices.
Lots in Riverdale and Lytle Additions \$10 cash and \$10 a month.
Eastes & Bean Realty Co.

HOTEL SEWARD

ALDER AND TENTH STREET
PORTLAND, OREGON



One of the Most Artistic and Elegantly Appointed Hotels in the Northwest, Embodying Every Modern Convenience. Inventor of retail and theater district.
EUROPEAN PLAN
Rates: \$1.00 and up. With Bath, \$1.50 and up.
Has rooms all styles. Artistic decoration.
W. M. SEWARD, Proprietor.

Palace Restaurant

Rooms for Rent
Confectionery, Fruit
Picnic Supplies, Cigars
J. F. Taggart & Co.

New PALACE MARKET

Charles Boyd, Prop.
MEATS
Vegetables, etc.

60 YEARS' EXPERIENCE
PATENTS
TRADE MARKS
DESIGNS
COPYRIGHTS & C.
A simple sketch and description may quickly ascertain our opinion free whether an invention is patentable. Communications strictly confidential. HANDBOOK on Patents sent free. Write for agency for securing patents. Patents taken through Munz & Co. receive special notice, without charge, in the
Scientific American.
A leading weekly illustrated weekly. Largest circulation of any scientific journal. Largest circulation of any scientific journal. Largest circulation of any scientific journal. Largest circulation of any scientific journal.
MUNZ & Co., 361 Broadway, New York

A Bargain in Lumber!

OUR FIRST ANNUAL CLEARANCE SALE

For thirty days we will sell our rough lumber at \$10 per thousand. We have contracted to move a million feet of timber by Nov. 1st and must have room. Not the only lumber yard, just a first class place to obtain a bill of lumber. Our motto holds good: "A little better lumber for a little less money."

BEND LUMBER CO.

STAR RESTAURANT

Short Orders

Served at all hours at our new Lunch Counter.
Regular Meals 35c.

Newly Furnished Rooms, Eat and Room Here and Get the Best Value for Your Money. Our

BAKERY GOODS

THE BEST AND CHEAPEST IN BEND.

MRS. NELLIE WRIGHT
BOND STREET, BEND, OREGON