

## TRANSFORMER ADDS TO PHYSICS APPARATUS

Experiments in Frequency Testing and Wireless Sending Now Possible.

During the last week Professor W. P. Boynton, of the Physics department, has installed a 10,000 volt transformer of 1/4 kilowatt capacity, which he intends to use for experimenting in high frequency testing and which he may use in connection with a wireless outfit.

At present he is making a series of insulators out of large window glasses, 16x12 inches. As soon as these are finished, any one of his students may erect an aerial, thereby completely finishing a wireless outfit which may be used in sending messages.

From his previous experiments with this transformer, the professor now states that the spark gap resistance is no more than one ohm.

With the installing of this machine there are now three currents from the general switch board in the electrical laboratory in the basement of Deady Hall. These are accessible from all parts of the laboratory and classroom so that now the current may be utilized at any point. This increases greatly the number of experiments that may be carried on before his classes.

## TO SEPARATE SODIUM

Harlan Pefley, '15, Constructs Apparatus for Separation of Chemicals by Electrodes.

Harlan Pefley, '15, has undertaken the construction of a full set of apparatus for the separation of metallic sodium from its chloride (common salt) by the electrolytic process. He is working in collaboration with and under the direction of Professor O. F. Stafford, head of the department of chemistry.

The apparatus consists of a glass-lined tank containing a strong solution of sodium chloride, into which are inserted carbon electrodes, upon which the metal collects. The vessel is tightly covered, with drain pipes for the chlorine gas which is given off. As both the constituents of the salt are highly dangerous—chlorine being poisonous and sodium having strong caustic properties—stringent precautions are necessary for the operation of the apparatus.

The experiment has never been attempted before in the local laboratories. A successful result is anticipated, although great care will be necessary both in the construction and operation of the apparatus.

Harlan Pefley is registered in Electrical Engineering, and is making extra research work in the field of electro-chemistry.

DEAN SANDERSON WILL SPEAK AT Y. M. C. A. MEETING

Dean E. C. Sanderson, of the Eugene Bible University, will speak before the regular Y. M. C. A. meeting Thursday evening, on the subject, "The Victory and Supremacy of the Bible."

Besides this address two musical features have been arranged. A piano solo by Lloyd Casebeer, '15, will open the meeting at 7 o'clock sharp. A vocal duet by Miss Imogene McKown and John Black, the new president of the association will close the meeting.

Dean Sanderson is known as an exceptionally strong speaker, and a strong organizer, the growth of the local Bible University being largely attributed to him.

A Freshman at the University of Idaho, while lecturing on slides of pictures taken during the recent class fight, won by the Freshmen, aroused the Sophomores to action. It resulted in a bath in the nearest creek. The advertisement at the theatre, thereafter read, "A lecture by a mud duck," instead of "A lecture by one of the victors."

Graham J. Michael, '12, has been appointed Professor of Geology at Williams College. Mr. Michael has been doing post-graduate work at Columbia University since his graduation at Oregon last year.

## PLANS BEING MADE TO START WOMAN'S LEAGUE

Miss Guppy and Mrs. Parsons Heartily in Favor of Scheme to Organize Women.

"I am very enthusiastic," said Miss Ruth Guppy yesterday, "about the plans drawn up for a Woman's League at the University. Such an organization, enlisting all the young women, will lead to better fellowship on their part and will add a new phase to the social life of the institution."

According to the plans now made, the membership roll will be open to all girls wishing to join. The scheme as worked out in many Eastern colleges has been a great success. One started at the University of Washington a few years ago by Miss Austin, Dean of Women, now includes several hundred young women. Mrs. M. H. Parsons was a student at the University of Michigan and was instrumental in founding the first League there.

In speaking of it, she said, "Michigan owes much to the Women's League. It was due to their efforts that the money was raised for Barbour Gymnasium, the women's building. Also they furnished the funds for the women's outdoor athletic field, a stadium in a natural amphitheatre where, in the Spring, a great many contests are held."

The method as worked out at Michigan and which will be used here, is that of dividing the league into circles of ten members for entertainment purposes. Committees are subordinate branches of the organization. Some attend to events like the April Frolic, the Y. W. C. A., gymnasium exhibitions, and all are under the supervision of an executive board.

"There are many girls," said Miss Guppy, "who miss a great deal of the social side of college life, but with such a league they would be brought into contact with other students, which would result in mutual benefits for all concerned. Also the girls then could work toward a Woman's Building. Should such a building be secured here, the women graduates of the University would be eligible to membership in the Association of Collegiate Alumnae, a branch of which has just been installed in Eugene during the last month."

## STUDENTS SAVE MONEY

Members of Irrigation Class Copy Book Instead of Buying It at \$2.25.

The purchase of a text-book at three dollars and a half per, at the beginning of the semester, was considered a reasonable requirement by members of the class in Irrigation. But when they were later asked to buy supplementary notes which would cost them two dollars and twenty-five each, they considered it more seriously, and finally decided they could more cheaply copy the notes themselves.

After borrowing a full copy of the notes—one hundred pages of typewritten instructions, data, and plans—they set to work with pen and typewriter to accomplish the task. They are now working at spare moments, intermittently pounding the keys of a typewriter by the "Stop! Look! and Listen!" system, and copying and drawing plans from the original text of notes. Their time they value at fifty-two cents an hour; fifty cents for the time they are not spending at the club, and two cents for their progress with the reproduction of the notes.

Those in the class are Allyn Roberts, Abe Blackman, James Ryder, Edgar Martin, and Otto Stoehr.

Beloit University is deteriorating in scholarship, according to the reports of Professor H. D. Densmore, registrar of the college. Out of 356 students enrolled, 131 are deficient in their studies. Fifty per cent of these were of the upper classes. Twenty-four were dismissed from college.

Washington is taking steps to limit the expensive program followed by the student body. Several minor sports, which have been only a source of expense, are scheduled to be dropped.

The home economics department of the University of Wisconsin recently demonstrated that meals can be served at a cost of \$2.50 per week. According to the menu selected by this department, many appetizing dishes could be included.

The Eastern track championship is doped to lie between the University of Pennsylvania and Harvard.

Pennsylvania wrestlers recently succeeded in defeating Columbia's team by a score of 5 to 2.

Cornell won the special two-mile relay race from Pennsylvania in the indoor southern championships held under the auspices of the Missouri Athletic Club at St. Louis a few days ago. The two mile event was covered by Coach Moakley's men in 8 minutes 10 2-5 seconds.

## An Apology



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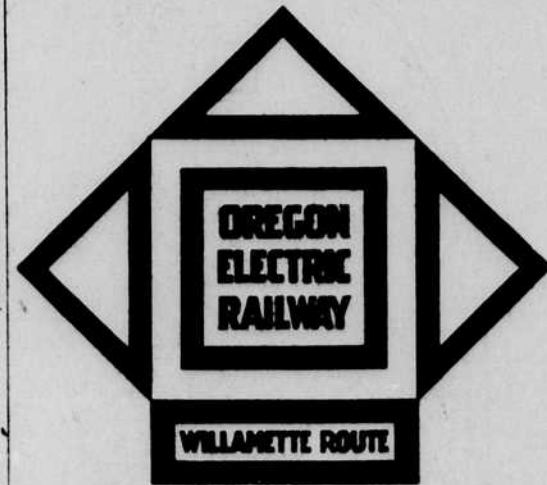
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Arrive Corvallis...	9:00 a. m.	12:50 a. m.	3:05 p. m.	7:55 p. m.	
Arrive Albany...	9:00 a. m.	12:45 a. m.	3:00 a. m.	7:45 a. m.	2:00 a. m.
Arrive Salem...	10:00 a. m.	2:00 a. m.	4:00 p. m.	9:00 p. m.	3:30 a. m.
Arrive Portland...	11:35 a. m.	4:00 a. m.	5:35 p. m.	11:00 p. m.	6:50 a. m.

Through tickets are sold, baggage checked, and sleeping car accommodations made to Eastern destinations.

Thought tickets are sold to points east and north of Portland. Fares, schedules, and other details will be furnished on request.  
**W. D. SKINNER,** Traffic Manager, Portland, Ore.  
**H. R. KNIGHT,** Agent, Eugene, Ore.



## Have You Seen Our Big Wooltex Ad in the Saturday Evening Post?

Don't you think they are charming styles. Yet the pictures do not tell the whole story. After all, it's the way these garments look on YOU that counts.

It's easy to find out how you will look in these attractive styles. Come to our shop and try them on. See them for yourself. You'll be pleased with them.

They're wonderful values at the price asked—\$25.00 for Suits, \$15.00 and \$20.00 for the Coats.

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