



ANSWER TO POWER PROBLEM SOUGHT

School of Commerce to Prepare Standard Exploitation and Development Bulletin.

4 U. S. DEPARTMENTS AIDING

Hydro-Electric Association with H. B. Miller as Head, Starts Activities.

The three northwestern states of Oregon, Washington and Idaho possess one-third of the water-power possibilities in the United States. Can they "cash in" on this tremendous natural resource? Must all the water continue to run into the sea as waste, while New England, Norway, and the other water-power countries are able to coin their similar resources into gold?

Great forces have mobilized in behalf of Oregon in the last two years to find the answer to this problem, if there is any, and the first report is announced as nearly ready for the press. The United States department of state has for more than a year had a score of consuls and consular generals in all parts of the world studying possible world markets for northwest hydro-electric industrial products, provided the northwest should begin production on a large scale and could ship from Portland or Seattle. These same consuls have been instructed to report all the facts concerning hydro-electric industries and processes in the countries to which they are assigned, which might be of use under the conditions that prevail in the northwest. The department of the interior, also through its agents, has been doing for the northwest the same service within the borders of the United States that the department of state has been performing in foreign lands.

The department of commerce and the department of agriculture have performed services almost equally valuable and extensive in analyzing various outlets for products and possible uses for surplus power.

All this activity in behalf of the future development of the northwest was stirred up in the first place by the Oregon Hydro-Electric association, which was formed by a large number of business men who attended the annual "commonwealth conferences" at the University of Oregon at Eugene two years ago. It is the first instance of a single section of the country enlisting the government's powerful help in this way. The executive of the movement has been H. B. Miller, director of the University school of commerce, who serves also as head of the Hydro-Electric association.

The government's work has now been embodied in a series of reports and charts which have been sent for inspection to the big chambers of commerce in the east, and have been taken for a few days each before the chambers of commerce of San Francisco, Los Angeles, Seattle and Portland. They are now in Portland for study there, preparatory to being sent to the University of Oregon. The University school of commerce has been charged with the duty of putting this information into permanent form, bringing together all facts gathered from all sources into a bulletin which will serve as the standard for development and exploitation work throughout the northwest.

"There is nothing spasmodic about all this effort," declares Mr. Miller. "All these engineers, commercial clubs and chambers of commerce, of-

(Continued on page four)

Frosh Keep Vigil Over 'O' on Mount

Rosy Dawn Sees End of Chilled and Lonesome Watch. Yea, Verily.

And lo, they watched by night lest the Oacites come with pigments and deface the symbol of their tribe, which stands on Skinner's mount, even as the ark stood on Arat.

They are many in number and their tents obscure the hill, even as a greencap obscures the head of a frosh.

They heap their blaze high with wood of cedar and the neighbor's fence posts, lest the Assyrian creep upon them unawares and place a David's coat of noxious colors upon the yellow ring that crowns the mount.

Yea, these Froshmites watch diligently and their maidens bring great bulk of precious things to eat that make the heart of the hero as steel and his mouth set up a might cry of joy.

And bleak Boreas bloweth chill across the valley where the brook Willamette floweth among the olive trees.

And the grim watchers pull their helmets of green far down upon their ears, and stand with feet far apart, lest their knees smite together as if with weakness.

And the frost fethmeth upon their faces and they think of the Soph who snoreth loud afar off beneath his blankets warm.

And the night passeth chill and morning grey looks out upon the hill of the "O" where the shepherds of the yellow paint nurse the complexion of their charge through the long hours of darkness.

Know ye that while ye sleep, this ceaseless vigil goeth on and that, while darkness crowns our lives, the Froshmites watch in silent gloom on yonder spectral hill?

500 ALUMNI SHOW PEP

'Portland 'Has-Beens' Prepare to Be Seen and Heard; Song, Yells and Band'—Michael

"We are arranging for '500 strong' and intend to leave here about 8:30 a. m. Saturday, the 20th, and to arrive there about noon," says a letter received here yesterday from Sam Michael, '15, concerning the return of the Portland Alumni to the campus for home coming day.

"If possible, we will work up some yells and songs, and we are also trying to work up a fife and drum band, or a band of some sort," Mr. Michael continues. "Many of the high school students will join our excursion. As a matter of fact, the alumni are inviting all of Portland's 'preppers'."

"If the S. P. and O. E. meet us half way, with a \$3.60 rate (and return), there may be a bigger delegation to the game.

"Don Orput, of course, will be our yell-leader, and we hope to occupy the bleachers adjoining the Oregon rooters, so that we 'has-beens' may be seen and heard."

Friday night, November 12, a meeting of the Portland University of Oregon alumni will be held at the Central library, to complete arrangements for the trip.

University of California, Oct. 28.—That the University of California will probably have a school for coaches next season is the statement made yesterday by Graduate Manager J. A. Stroud. Last season schools were held at Chicago, Illinois, and a number of other eastern universities.

HOCKEY GAME ADDED TO HOMECOMING PLANS

Local Alumni Are Soliciting Aid to Make Affair Notable.

A hockey game between the O. A. C. and University of Oregon girls is the latest addition to the home coming day program. The game will be called at 9 a. m. No admission will be charged.

"The Eugene alumni are very enthusiastic," says Max Sommer, head of the home coming committee. "They are levying a tax of 50 cents each to help defray the expenses—three or four times as much money as we originally asked them for. They will also attend to receiving and entertaining the visiting alumni to a great extent.

"The Eugene Automobile club has offered its services, and promises 100 autos if we need them.

"The executive committee of the Commercial club has agreed to cooperate in the matter of decorations, and has offered the use of the club rooms.

"It has been arranged to tag the alumni in order to show who they are. They also will be tagged, either here or on the train en route.

"The Emerald will be printed early and will be distributed free on the alumni special trains, and sold on the O. A. C. train.

"Further committees have been appointed. Wallace Eakin is a committee of one to cooperate with the private individuals who are getting out the programs. These will be printed Thursday.

"Fred Dunbar has been empowered to choose a band of huskies, who will act under his direction as student police, attending to the parking of automobiles, and so forth.

"In order that the alumni may inspect the work of the University, the Friday classes will be opened to them. The campus buildings may be looked over Sunday morning—this will be early enough that all who wish may go to church. Guides will be provided for those desiring them. We also plan to have a short concert by the two glee clubs at that time."

FRESHMAN GAME SATURDAY

O. A. C. Aggregation Will Outweigh Local Squad But Coach Malarkey Is Optimistic.

The game between the University of Oregon "Frosh" and the O. A. C. "Rooks," to be played on Kincaid field next Saturday, promises to be a good contest from start to finish. In a way this is to be a financial experiment on account of the expense of bringing the visitors here, and it deserves the support of the entire freshman class, said Tick Malarkey, mentor of the freshmen squad. In the game played three weeks ago at Corvallis the Rooks turned out in full force both at the rooster practice and game.

"The teams are well matched and there is going to be a hard fight, with no large score on either side," says "Tick." "They were closely matched at the last game, and the Rooks have been practicing hard since then. While we have not had as much practice as we should have had, the fellows have the fight in them. Some of the men have been staying up nights guarding the "O," which doesn't help their condition in the least. The Rooks will have better punters than we have."

The team will probably be the same as before, with the exception of Williams, who has been drawn into the varsity service.

"ELECTRICITY ON FARM A PANACEA," GOLDWELL

Manager of P. R., L. and Power Co. Dwells on Advantages of "Juice" in Country.

"Farmers can be educated to the use of electricity only through the influence of such institutions as this University," said O. B. Goldwell, general manager of the Portland Railway, Light and Power company in his address before assembly yesterday morning. "Its general use in the rural communities and the consequent elimination of drudgery will largely prevent the young people from leaving the country to seek work in cities.

"The number of ways in which electricity can be made a labor-saver around the household is unlimited since there is hardly a task to perform for which some kind of an electrical machine has not been invented. Dusting, sweeping, ironing and dish-washing and even the freezing of ice cream can all be done by this invisible power.

"On the farm electricity means a panacea. Drudgery and irksomeness which usually accompanies every-day tasks are removed by its use. Rates have decreased some 88 per cent in the last few years and now all companies make reduced prices if the 'juice' is used for power purposes. As more people within a certain area use electricity, to a degree, the cheaper it will become.

"As applied to the farm directly, electricity has many applications. There is the cultivator, the corn-grinder, the milking machine, the wood-saw and the curry-comb all driven by electricity, so that the up-to-date tiller of the soil may have a little time for planning on the next day's work. Electricity means the emancipation to the farmer's wife. With the electric iron, electric stove and electric churn her material worries are considerably lessened. Electricity has played a large part in the development of the Willamette valley in the introduction of railways bringing along with it the further breaking up of the valley into small farms and then making them more livable."

PRINTS DIGEST OF SURVEY

University Press Turns Out 10,000 Copies for Distribution

Ten thousand copies of the summary of Dr. S. P. Capen's survey of the University are being printed by the University printing plant. Dr. Capen is special investigator for the United States bureau of education and made the survey just after the opening of school this year.

Students desiring copies sent to friends or relatives may go to the registrar's office and address the required number of envelopes and the copies will be mailed.

The University wishes to give this report as wide a circulation as possible, so that people within the state may know something of the work of the institution.

University of Kansas, Nov. 2.—An iron cross has been given to Professor Fritz Kellerman for his bravery in the attack at Brest-Litovsk, Russia. Mr. Kellerman was exchange teacher in the German department of the University of Kansas during the year 1912-1913.

University of Chicago, Oct. 15.—Freshmen of the University of Chicago are arranging to publish a bi-weekly paper, named the Green Cap. The object of the publication will be to increase university spirit among the members of the freshman class.

Fumes of Acid Too Much for Ivy

Climber on McClure Shows Contrast to Sister on the Men's Dormitory Building.

Acid fumes from the chemistry laboratories in McClure hall appear to have been the cause of the slight growth and early departure of the leaves from the Boston ivy, clinging to the walls of the same building. Just a few feet distant, on the men's dormitory grows a similar vine, its leaves still green and flourishing, while that on the west side of Villard hall is one mass of gorgeous red and green. The squad working on the grounds declare that they have never known it to be so beautiful in previous years.

On the first of October, when the leaves began to drop off the trees, the annual raking up commenced. Since the city passed an ordinance against the using of other fertilizer on grounds, several years ago, it has been customary to haul them to the cow pasture across the cemetery, mix them with dirt, and let them set until they are put around the rose hedges, where they form a very satisfactory substitute for a fertilizer. This gathering of the leaves covers about six weeks. They are thrown into large hop sacks and a wagon-load is hauled away each week.

President Campbell Leads Alumni

President Prince L. Campbell headed the alumni from the University of Oregon in their line of march from the Portland Chamber of Commerce to the armory, last night. The occasion was "college night" at the land show. Members of the other universities and colleges of the state were present and were led by the presidents of their respective schools. President Campbell remained over today in Portland on University business.

WEDDING GUEST IS READ

Barrie's Problem Play Is Enthusiastically Received By Large Audience.

(By Martha Beer)

Professor Reddie read the "Wedding Guest" to a large and appreciative audience in Guild hall, on Tuesday evening.

The play is a drama by J. M. Barrie, which deals with the question of whether a woman shall take back a husband who has sinned. When the husband has proved his worthiness, he and his wife are reconciled. The Wedding Guest is the other woman in the case who, when she discovers the true womanliness of the wife, is willing to sacrifice her own happiness to that of the wife and husband.

The play has a great deal of human interest. The struggle between the innate sympathies of the characters and the conventionalities of their life is marked. Throughout, Barrie seems to be seeking for a solution of the problem of the other woman, but in the end he is unsuccessful, as all others before and after him have been.

Announcement
Tryouts for the sophomore debate team will be held December 11, at 10 a. m., in Guild hall. Question: Resolved, "That No Part of the Oregon Railroad Land Grant Should Be Added to the National Forest Reserve."

VICTORIOUS ELEVEN ARRIVES FROM SOUTH

Rooters Are Conspicuous By Absence: Early Hours Is Cause.

PLAYERS ARE IN GOOD SHAPE

Scoring Is Made By Aerial Route Only. Team Shows Fight in Second Half.

(By Cheser A. Fee)

The victorious football team of Oregon drove into town early this morning, and for the first time this season failed to find a bunch of rooters at the depot to meet them; but they used poor judgment in the selection of the time of arrival, for the clock was tolling the short hours about that time of day.

Everybody seems to be happy and well, and injuries are scarce and far between.

The game was all right after the fellows started to play in the second half, but must have been miserable throughout the first portion.

U. S. C.'s brilliant lateral passes and dazzling rugby football mixture only got away on two plays—once for 35 yards and once for 10 yards. These occurred during the first half, before the fellows got settled down to work.

In the scoring half, Oregon opened up a keg of nalls and tacked down 34 of the red boys, while U. S. C. turned out to be a goose in the duck pond and hatched out a score which consisted only of the outside rim. Oregon's defense was impenetrable. U. S. C. could not grab a yard. And the Oregon offense ripped and ran combines rather than football. And, astonished the south with their German Zeppelning abilities.

All the scores were due to the forward pass in some manner; either through an opponent's being intercepted or an offensive pass completed.

The newspapers throughout the northwest did not give the men much credit for their victory—letting it rest entirely upon their weight.

Library Records Busy Day

Wednesday, November 3, was the busiest day on record at the University library, from the standpoint of the number of books issued. A total of 522 circulating and reserve books were handed out at the loan desk.

Mark Payne, a player on the Dakota Wesleyan team, broke all existing records when he drop-kicked a goal from the 63-yard line in a game played October 16. The former record was a kick of sixty-one yards, made by Pat O'Dea in a Wisconsin-Northwestern game in 1898.

Attention Sophs!
To the Members of the Class of '16, Greetings:
The members of the class of '17, at regular meeting assembled, do and hereby challenge said class of '16 to a game of football, subject to the following conditions:
1. Said game to be played on Kincaid field, at a date to be agreed upon by representatives of the two classes.
2. Excluding from the game all men who have been out for football this year.
There will be an important meeting of the junior men in Professor Stafford's room, Wednesday, 4 p. m.
FRANK SCAIEFE.