

HODGE SPEAKS ON GEOLOGIC SUBJECT

Columbia Has Possibilities of Hydroelectric Power

OREGON FACES PROBLEMS

Drainage and Flood Prevention to be Fully Explained

The state of Oregon must solve four geologic problems if it is to increase its industries, to provide for the future development and to care for an increase in population is the statement of Dr. Edwin T. Hodge, professor of economic geology. The address will be given before the Progressive Business Men's club at Portland today under the title "Geologic Problems Which Oregon Must Solve."

The problems deal with the drainage of and prevention of floods; the development of hydroelectric power on the Columbia river; making the harbor of the Columbia navigable; and the possibility of securing water in southeastern Oregon.

In discussing the problem, Dr. Hodge states that the present method of digging ditches is expensive, and time consuming, and guarantees no permanent relief. He suggests cutting off meanders and shortening the course of the river, a comparatively cheap means of securing protection. The river will then be made useful for the transportation of logs and will permanently solve the drainage and flood difficulties of the Willamette. Furthermore at least 60 per cent of the land not in use at present will be made available for agriculture.

Power Equal to Niagara

The Columbia river has water to generate power comparable to that of the Niagara and can be made to furnish power at a cost low enough to stimulate industries along the lower Columbia valley. One site, the Cascade Locks, has been discussed as a possible location of a hydroelectric plant. The rapids there are due to a landslide which has interrupted the course of the Columbia and has caused trouble to the Union Pacific railroad. Unless a geologic investigation of the sub-surface conditions is made, no successful retaining dam can be constructed.

Dr. Hodge advises that a careful study should be made with the view of handling the currents of the Columbia river so that the sediment that is deposited at its mouth will be carried out to sea. Hindrance to navigation and the financial burden of continuous dredging of the river will become intolerable with time. Geologist study should be made of the river so as to devise means whereby the river will be forced to carry its sediment out beyond the danger point.

Large Areas Need Water

The last problem deals with the one-fourth of the state that is dry and almost barren because of lack of surface water. This area in southeastern Oregon can be made into ideal agriculture lands. In some places of this district there is ground water that only needs pumping to bring it to surface. In other parts there is artesian water. Geologic investigation will show where the water definitely is and where it can be brought to surface.

In conclusion, Dr. Hodge stated that the solution of these problems is a Portland problem because their solution would bring wealth and prestige to that city.

LARGE ENROLLMENT IN CORRESPONDENCE WORK

Some of Best Work Done in Extension Division Due to Older Students, Declare Instructors

The correspondence school of the University of Oregon extension division has an increase in enrollment this year over last, except in May and July when there was a slight fall. At the close of September, 306 courses had been completed since the first of the year.

Four to six months is usually required for completing an average course, although a year is allowed. Education, English, history, literature and mathematics are the most popular subjects. Education heads the list, but English runs a close second. Not more than one course at a time is recommended, but two may be taken.

Failure in the correspondence courses are conspicuous by their absence. The students are generally older and more seriously inclined than the average college student.

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lege man and woman, and they know the value of time. Instructors who have charge of the regular classes and of correspondence courses have found some of their best work in the extension division.

Those who take advantage of the correspondence school are usually people living in the country or in small towns, where the educational facilities are limited. A few choose to make up their high school requirements; others seek credits for graduation, while some never expecting to enter college, want to have the college education.

Registration is continuous, and enrollment may be at any time of the year. A certificate of credit counting toward graduation is granted with the completion of each course. Earl Kilpatrick is the director of the extension division on this campus.

COMBINED OREGON CLUB PLANS NO-DATE DANCE

President Urges More Men Out For Do-nut Work

Final plans for a dance, to be given at the Anchorage on November 2, will be made at the mass meeting of all men living outside of organizations Monday evening, at 7:30, in the Y hut. This dance will be given by the men's and women's Oregon clubs and will be a "no-date" affair for all members of the two clubs and those who are eligible to become members.

"We expect to get every man in the university who is not connected with any living organization out to this meeting next Monday evening," said Louis Carlson, president of the men's Oregon club, yesterday. "Our campaign for members during the past two weeks has brought good results but there are still a large number of students who do not belong to the club who would find it to their advantage to join," he went on to say.

Regarding the invitations to the dance planned for November 2, Carlson explained, "This will be a dance strictly for those who live outside of organizations and all persons who do not belong to houses are urged to come. This will be the last social affair, however, which the Oregon club will give that can be attended by students who are not regular members."

In order to meet expenses it is proposed to charge a small admission fee, probably 25 cents.

All men interested in intramural activities are urged to affiliate themselves with the Oregon club as there are openings on practically all of the do-nut teams. At least 10 men are needed for the rifle team, which will compete in the competitive shoot with the living organizations during the term. There are not enough men out for the do-nut debate teams so far and inasmuch as it is planned to have the debate series over before Homecoming it is necessary for the teams to get to work at once. Men are also needed for cross-country.

SCHOOL HEAD ON CAMPUS

School of Education and Campus High Approved of by W. M. Smith

W. M. Smith, of Salem, assistant state school superintendent, was on the campus recently visiting the school of education and the University high school. "I saw many splendid features and am well pleased with the work," he declared after the visit.

Mr. Smith visits practically all high schools in the state during the year to see what progress is being made. This was his first visit here this year and was not strictly official as a more thorough inspection is to be made later.

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RADIO NO SNAP COURSE DECLARES DR. BOYNTON

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"Studying radio is no get-rich-quick proposition," Dr. Boynton, head of the physics department, says, "it is a long and painful study, requiring a great deal of mathematics."

There is no advanced class in the study of the radio at present, according to Dr. Boynton, but there are a number of students preparing to take advanced work. The class in electrical measurements, which has in it eight students, including one "courageous" girl, is studying the fundamental theory of the radio at present. Calculus and general physics are requirements for this work.

Next year Dr. Boynton hopes to have a class made up of graduate students and some seniors devoted to the more advanced theories and practice of radio. A five-year course is offered, and several students are entering this year with the intention of taking the whole course of study.

"This study leads to training for which there is more demand than supply," Dr. Boynton said. Every year there is a demand for two or three times as many graduates as he can supply. There exists so many commercial establishments which carry on scientific research work, Dr. Boynton explained, that graduates from his department are always needed.

The aim of the courses in electrical measurements and radio, the head of the department asserts, is to train people to do intellectual research for these bigger electrical concerns.

The laboratory in Deady hall contains a rather complete apparatus. Dr. Boynton said he thought it was safe to say that in the last year and a half the students have accumulated and made almost fifty different kinds of radio connections there.

CAMPUS TO HAVE LOST AND FOUND BUREAU AT Y

Student Council Appoints Committee to Work Out Details of Plan; New Members at Meeting

A campus lost and found bureau is to be established at the campus Y. M. C. A. under the direction of Mrs. Charlotte Donnelly, hut mother, provided a committee of the student council can work out satisfactory details.

It was suggested at a meeting of the council last night that lost articles be dropped into campus mail containers by janitors and others finding articles. Attached to the article would be the name of the finder and the place where the article was picked up. The mail carrier would leave his collection of finds at the hut desk.

The idea of a central bureau would facilitate the location of articles without a complete search of the campus. Things not called for within a given length of time could be sold by the Y. M. C. A. and the funds used in hut up-keep or could be returned to the finder.

Articles could be left at the Y. hut without the use of the campus mail.

of course, but that means of giving rapid service was suggested.

The committee will report at the next council meeting.

Clyde Zoolars, newly appointed member of the council, succeeding Milton Brown, attended his first meeting as did Lowell Baker, the new non-voting member, who represents the freshman class.

LATIN CLASSES PROVE UNUSUALLY POPULAR

Ancient Language Required of Students in New Norm Plan; Teachers Are in Demand

Latin has been considered a dead language for many centuries and has not been overly popular with students of average mentalities. But it has emerged from its semi-conscious state, and is now one of the lively classes on the campus. Classes that last year numbered only five are now five times as large this quarter. The first year Caesar class has 26 enrolled, and Cicero and Virgil are unusually popular with 12 followers.

In explanation for this sudden increase Prof. F. S. Dunn says that in the first place the new norm plan, adopted by the school of education, requires Latin of its students. There is also an increasing demand for Latin teachers in the high schools throughout the state.

Educational reformers who have been trying to take Latin out of the schools have realized it would mean destruction to the romance languages and also harmful to English, said Mr. Dunn.

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PROF. R. RICHARDSON VISITS

Former Extension Division Man Will Take Graduate Work at Stanford

Professor R. Richardson, who was last year the field representative for the extension division, was a visitor on the campus yesterday. Mr. Richardson

left at noon for Stanford, where he will do graduate work in education.

At Stanford, Mr. Richardson will renew acquaintanceships with H. B. Douglass, professor of education, John Almack, professor of English and both formerly of the University extension division. Rev. William Moll Case, former pastor of the Presbyterian church, is also at Stanford.

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