

EUGENE ONCE ON SEA SHORE, SAYS PACKARD

Condon Club Hears Talk On Oregon Sea Lines

That Eugene and the surrounding country was at one time a part of the ocean, as is proved by the rock formations here, was shown last night by Dr. E. L. Packard, of the geology department, in his address, "Ancient Shore Lines of Oregon," before the Condon Club, which met in the Administration building.

"The border land between the land and the sea has always been interesting to people because it is there that the civilization of people has first taken place," said Dr. Packard. "The climate, tempered by the land and sea breezes, the chance for industry—these industries of the sea meeting with those based on inland resources—have had a great bearing on civilization."

The littoral zone, that part of the sea which lies nearest the land, is of more interest to biologists than the deep water, according to Dr. Packard, for it is in the littoral zone that are found the greatest extremes of environments, and the sediments formed near the shore give us a history of the past life of the shore. Also, as was pointed out, the decaying animals and plants result in the distillation and development of oil.

"The land is tempered by the sea and the sea conditions near land are affected by the land," continued the speaker, "so the region of the shore lines, especially the adjacent zones, are of peculiar interest biologically, and a study of shore lines becomes more vital when it is understood that they are significant economically and historically, as well as geologically."

Because of the meager information, it is difficult to trace the record of ancient shore lines, Dr. Packard said, and opinion is largely postulate.

"The history of Oregon shows that there were 20 times when the Pacific ocean encroached upon the land, leaving limestone, shale and other rocks, besides the remains of plants and animals one frequently finds," the speaker explained, and illustrations were shown by diagrams of the approximate position of the 20 seas.

Dr. Packard believes that the sea covering Eugene was rich in sea life, as the animal remains here show, as well as the frequent finding of sandstone and shales, which, he says, is the sediment that has been converted into rock.

In early history, said the speaker (that means when the world was new), the seas were restricted to the southwest corner of Oregon, but later, during the age of reptiles, the state became more widely flooded, and formations show that at one time 70 per cent of the entire state was covered by water, which extended as far as the Blue mountains of eastern Oregon.

"In the next era," Dr. Packard explained, "the seas were again more restricted and in general, only occasionally did the sea extend further than the Cascades, although there were no Cascade mountains then."

CLARK AND PARSONS WRITE BOOK REVIEWS

Articles, Both On War Topics, Appear In International Relations Journal.

Dr. Robert C. Clark, professor of history, and Dr. P. A. Parsons, professor of sociology in the University, have both written book reviews which appeared in the "Journal of International Relations" for April, 1921.

Dr. Clark says of "An Introduction to Peace Treaties," by Arthur P. Scott, "The chief usefulness of this book is its summary and explanation of the peace treaties as concluded up to May, 1920. Introductory chapters on war causes and war aims, negotiations during the war, the peace conference, and the framing of the treaty, are excellently done and give in brief compass, clearly and without waste of words the necessary historical background for the treaties. Though the treaties are easily accessible to one seeking information about them, and perhaps unusually intelligible as treaties go, a book that gives the gist of their contents without their complicated phraseology and multiplicity of details is a welcome addition to the literature of the subject."

"The Human Cost of the War," by Homer Folks, is commented upon by Dr. Parsons. This volume, according to Dr. Parsons, is an attempt to give an estimate and impression of the costs of the war in the suffering of men, women and children. It is based upon Mr. Folks' own experiences and observations in the devastated areas of Italy, the Balkans, the Russian front, France and Belgium.

STUDENTS INSPECT PORT

Alfred Lomax and Members of Class Visit Portland Terminals.

Professors Alfred Lomax and several

of the students in his Ports and Terminals class made an inspection tour of terminal and port facilities in Portland several days ago. They were taken to the recently constructed terminal No. 4 in the harbor patrol boat by Robert Standish, of the publicity department of the Port of Portland. They went through the various departments of the terminal, which is one of the most modern constructions of its kind on the Pacific coast.

The students were favored with seeing the new coal bunkers at the plant in operation for the first time since their completion. The grain elevators and warehouses were also subjects for careful inspection as well as the general port layout. Mr. Lomax reports that practical knowledge of much value was gained by all those who were fortunate enough to make the trip.

ARTS CLUB NOMINATES

Claire Ryan and Chloe Thompson Listed For Presidency.

Nominations for next year's officers were made at a meeting of the Household Arts club in Mary Spiller hall Tuesday. The following will be voted on at a later meeting: President, Claire Ryan, Chloe Thompson; vice-president, Georgia Benson; secretary-treasurer, Gladys Anderson. The program for next year was discussed.

The next meeting, May 24, is open to all interested in the Household Arts department. A lecture will be given, the subject of which is to be announced later.

GOVERNMENT SPENDS \$1143 ON O. A. C. MAN

(By Pacific Intercollegiate News Service) Oregon Agricultural College, Corvallis, May 12.—The federal government pays \$1143 to give a student four years' training in the R. O. T. C. at O. A. C., according to a report of J. K. Partello,

head of the military department at the college. The cost of maintaining the five units of the department, including salaries of officers and enlisted personnel, forage for animals, commutation for students to summer camps and incidentals is \$26,000 a month. The expense is paid entirely by the United States government.

Of the 333 institutions in the country maintaining R. O. T. C. units, the state college has the largest staff of regular army officers. Of these units, 213 are senior and 120 are junior.

A class of 23 O. A. C. students took an examination on April 23 for a commission in the regular army. Those who were successful in passing will be commissioned on or before July 1.

Forty-nine members of the graduating class will be given commissions in the officers' reserve corps of the regular army. These graduates will get commissions in all five units included in the curriculum—infantry, field artillery, cavalry, engineer and motor transport. The combined list of men to be commissioned from other institutions in the ninth corps, including Washington, Oregon, Idaho, California, Nevada, Utah, Arizona, Montana and part of New Mexico, is not equal to the list of 49 from the Oregon Agricultural College.

EDITH WILSON ELECTED

Spanish Club Chooses Officers; Ina McCoy Is Vice-President.

Edith Wilson was elected president of the Spanish club at the last regular meeting Wednesday evening in the Y. W. C. A. bungalow. Other officers chosen are Ina McCoy, vice-president; Margaret Scott, secretary; Emily Perry, treasurer; LeLaine West, reporter. They will be installed at a dinner to be given at the Anchorage. The definite time will be announced later.

Seven new members were elected to the club last Monday. They are John

Langley, LeLaine West, Ina McCoy, Margaret Scott, Floyd Johnson, William Rosebaugh and Harold Bonebrake.

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