

in the region, the relatively deep areas of the sea, such as Exuma Sound, the Tongue of the Ocean and Providence Channel, suggest the possibility of being drowned river valleys. It will probably be two or three months before the gravity stations and isostatic deductions have all been computed, and it is hoped that the geological significance of the expedition can be reported at that time.

RICHARD M. FIELD

PRINCETON UNIVERSITY

THE PULLMAN MEETING OF THE PACIFIC DIVISION OF THE AMERICAN ASSOCIATION

A PRELIMINARY announcement of the Pullman meeting has just been distributed to members of the American Association for the Advancement of Science resident in British Columbia, California, Hawaii, Idaho, Montana, Nevada, Oregon, Utah and Washington.

Two of the principal addresses to be presented during the meeting will be given by Professor A. O. Leuschner, president of the Pacific Division, and Professor J. Harlen Bretz, of the University of Chicago. The subject of Professor Leuschner's address will be "The Astronomical Romance of Pluto." The events that led to the discovery of Pluto, the investigations on its orbit and mass and the question of its nature as a celestial object will be discussed. Professor Bretz's address, which will be on "The Scablands of the Columbia Plateau in Washington," is of special interest in view of a general symposium to be held on "Scientific Problems of the Columbia Plateau."

Under this heading, four topics will be introduced for discussion in the session of Thursday morning, June 16:

Interesting Botanical Areas, Dr. F. L. Pickett, professor of botany, the State College of Washington.

Geological Problems, Mr. M. G. Hoffman, assistant professor of petrology, the State College of Washington.

Economic and Agricultural Problems of the Wheat and Apple Industries, Dr. E. F. Dummer, professor of economics, the State College of Washington.

Engineering Problems, Dean Ivan C. Crawford, dean of the College of Engineering, the University of Idaho.

In accordance with the custom of recent years, the opening session on Wednesday, June 15, will be devoted to research reviews. The purpose of these is to survey the progress of scientific research on the Pacific Coast and in the Far West, the subjects under investigation being reviewed in the light of their relation to problems of major interest in the sciences at large. Attention will be centered upon a few of the most noteworthy accomplishments in each field. The reviews will be presented as follows:

Astronomy and Astrophysics: Dr. J. S. Plaskett, Dominion Observatory, Victoria, B. C.

Chemistry: Dr. J. B. Ramsey, University of California at Los Angeles.

Physics: Dr. W. V. Houston, California Institute of Technology.

Animal Sciences: Dr. J. E. Guberlet, University of Washington.

Plant Sciences: Professor G. J. Peirce, Stanford University.

The greater part of Thursday and Friday will be given over to the programs of the participating societies. Members proposing to present papers are reminded that titles received later than May 2 can not be published in the association program.

A visit to the University of Idaho, and excursions to Kamiak Butte, Almota Canyon, Moscow Mountain, Bald Butte, Snake River Canyon, Wallowa Mountains and the Scablands are under arrangement. Areas of considerable interest to the biologist and geologist will be visited.

SCIENTIFIC NOTES AND NEWS

THE honorary doctorate of laws was conferred on March 23 by the University of California on Dr. William Wallace Campbell, formerly director of Lick Observatory and from 1923 to 1930 president of the university.

DR. GRAHAM LUSK, professor of physiology in the Cornell Medical College, was recently elected a corresponding member of the Prussian Academy of Sciences.

DR. CHARLES B. DAVENPORT, director of the Station for Experimental Evolution of the Carnegie Institution of Washington, has been elected a member of the German Academy of Sciences at Halle.

THE Priestley Medal of the American Chemical Society has been awarded to Dr. Charles L. Parsons, since 1907 secretary of the society.

THE prize of \$1,000 of the American Chemical Society, founded in 1931 by Dr. A. C. Langmuir, has been awarded to Dr. Oscar K. Rice, instructor in chemistry at Harvard University. The prize is awarded to the most promising chemist in North America, less than thirty years old, in recognition of outstanding research in pure chemistry. Dr. Linus Pauling, of the California Institute of Technology, received the award last year.

At the annual meeting of the Physical Society,