

Alexander G. McAdie, Rotch professor of meteorology and director of the Blue Hill Observatory, to make a study of the electrification of clouds and fogs, part of a study of clouds and cloudy condensation in free air, the results of which it is hoped will contribute to the improvement of weather forecasts.

Frederick A. Saunders, professor of physics, to purchase a Moll recording microphotometer for use in research on the structure of spectra.

Alfred M. Tozzer, professor of anthropology and curator of Middle American archeology and ethnology, to pay the salary of a graduate student, working under the direction of Professor G. P. Baxter, who will chemically analyze metal objects from Yucatan.

William H. Weston, Jr., assistant professor of botany, to continue an intensive comparative study of a group of parasitic fungi which cause the several downy mildew diseases of important food crops.

Ralph H. Wetmore, assistant professor of botany, to assemble the more extensive collection of the genera *Aster* and *solidago*, to be studied later in the laboratory for the purpose of adding information to knowledge of cytology of hybrids and to the methods nature adopts in producing new forms.

The awards were made by the President and Fellows on the recommendation of a committee, the members of which are: Frank B. Jewett, electrical engineer, New York City; Professor Edwin F. Gay, of the Harvard Department of Economics, and Dr. W. J. V. Osterhout, formerly a member of the Harvard Faculty, but now botanist for the Rockefeller Foundation.

## OHIO UNIVERSITY

### RENO MEETING OF THE PACIFIC DIVISION OF THE AMERICAN ASSOCIATION

THE University of Nevada will act as host for the annual meeting of the Pacific division of the Association for the Advancement of Science to be held June 22 to 24 at Reno, Nevada. Preparations for this meeting are proceeding satisfactorily. President Arthur A. Noyes will attend the meeting as the president of the Pacific division and will deliver an address on "The Periodic Relations of the Elements." The selection of Dr. Noyes as president of the national association at the Philadelphia meeting in December followed his election as president of the Pacific division in June, 1926, so that he has the unique distinction this year of presiding over the general association as well as over its most considerable "division."

The membership of the Pacific division now includes about 1,500 members, a far larger number in proportion to population than that representing the rest of the country. The Reno meeting will be the eleventh annual meeting, previous meetings having been held in the order named at San Diego, 1916; Stanford University, 1917; Pasadena, 1919; Seattle, 1920; Berkeley, 1921; Salt Lake City, 1922; Los Angeles, 1923;

Stanford University, 1924; Portland, Oregon, 1925, and Mills College, 1926.

At a recent meeting of the executive committee various details of the program for the Reno meeting were determined. A symposium on "The Scientific Problems of an Arid Region" will be presented by specialists under the subheadings of geology, physical chemistry of soils, botany and zoology. Research activities on the Pacific Coast will be considered at a conference when achievements in physics, chemistry, zoology, botany, astronomy and medicine will be reported. The personnel of these programs will be given in the preliminary announcement to be issued shortly.

Among other features of the general program will be an address by Professor Henry H. Dixon, of the University of Dublin.

The completion of the great national highway through Reno to the Pacific Coast makes this point accessible by automobiles. Eastern members who are enthusiastic motorists will be tempted to make the cross country trip. Auto camps, equipped with cabins and tents, are available in Reno for visitors who wish to use them. The usual summer tourist rates will apply from eastern points to the Pacific Coast with stop-over privileges at Reno. Further details regarding rates will be given in the preliminary announcement.

Nevada's Transcontinental Highway Exposition, to commemorate the completion of an improved road from the Atlantic to the Pacific, will open immediately following the meeting of the association. In a beautiful setting in Idlewild Park the exposition will offer displays of the varied resources of the western states. Nevada and California already have erected buildings to house their exhibits, while structures are being built to furnish space for other western states. Visitors to the association meeting will find much of interest at the exposition.

The entertainment committee of the University of Nevada have planned many excursions to points of scientific and scenic interest in the vicinity, while unsurpassed opportunities for fishing and sports will be available for those so inclined. Arrangements for the meeting are in charge of the executive committee of the Pacific Division constituted as follows:

Joel H. Hildebrand, *chairman*, professor of chemistry, University of California.

Arthur A. Noyes, director, Gates chemical laboratory, California Institute of Technology.

Walter S. Adams, director, Mount Wilson Observatory.

Bernard Benfield, consulting engineer, San Francisco.

Leonard B. Loeb, professor of physics, University of California.

E. G. Martin, professor of physiology, Stanford University.

Emmet Bixford, professor of surgery, Stanford University.

J. O. Snyder, professor of zoology, Stanford University.

O. F. Stafford, professor of chemistry, University of Oregon.

W. W. SARGEANT, *Secretary*

CALIFORNIA ACADEMY OF SCIENCES,  
SAN FRANCISCO, CALIF.

## SCIENTIFIC NOTES AND NEWS

THE sixty-third annual meeting of the National Academy of Sciences will be held in the building of the academy in Washington on April 25, 26 and 27.

THE American Philosophical Society will hold its annual meeting in Philadelphia on April 27, 28, 29 and 30. The occasion will be marked by the commemoration of the two-hundredth anniversary of the founding of the society.

THE regular spring meeting of the executive committee of the American Association for the Advancement of Science will be held in Washington on April 24. Matters to be considered by the committee should be in the hands of the permanent secretary a few days before the meeting.

THE trustees of Science Service will hold their annual meeting in Washington on Thursday, April 28.

DR. FREDERICK BELDING POWER, head of the phytochemical laboratory of the U. S. Department of Agriculture, from 1896 to 1914 director of the Wellcome Research Laboratories, London, distinguished for his contributions to pharmaceutical chemistry, especially to our knowledge of the essential and fatty oils, has died at the age of seventy-four years.

THE Council of the British Association has nominated Sir William Bragg as president for the meeting in Glasgow in 1928. The meeting in Leeds this summer is under the presidency of Sir Arthur Keith.

It is announced by the Royal Geographical Society that the following awards have been made: The Founder's Medal to Major Kenneth Mason (Survey of India), for his connection between the surveys of India and Russian Turkestan through the Pamirs in 1913 and his organization and conduct of the Shaks-gam Expedition of 1926; the Patron's Medal to Dr. Lauge Koch (of Copenhagen), for his six years' exploration of Northern Greenland; the Victoria Medal to Colonel Sir Charles Close, F.R.S., for his distinguished contributions to the advancement of the science of geography; the Murchison Grant to Mr. John Mathieson, for his surveys of Spitzbergen and for his special studies during his long service with the Ordnance Survey in Scotland; the Back Grant to Captain A. H. MacCarthy, for his preparation and leadership

of the ascent of Mount Logan, 1925; the Cuthbert Peek Grant to Mr. Francis Rodd, to assist him in further exploration of the Sahara, and the Gill Memorial to Mr. A. E. Young, for his development of the mathematical theory of map projections.

PROFESSOR LAFAYETTE B. MENDEL, Sterling professor of physiological chemistry at Yale University, has been awarded the gold medal of the American Institute of Chemists.

DR. KARL LANDSTEINER, member of the Rockefeller Institute for Medical Research, has been elected a member of the German Academy of Natural Sciences in Halle, Germany. Dr. Landsteiner has also been elected corresponding member of the Society for Microbiology in Vienna.

OXFORD UNIVERSITY has conferred upon Dr. Arthur G. Tansley, Sherardian professor of botany in the university, the honorary degree of master of arts.

DR. HAROLD JEFFREYS has been awarded by the University of Cambridge the Adams Prize for the period 1925-26 for an essay on "The Constitution of the Interior of the Earth, and the Propagation of Waves through the Interior and over the Surface of the Earth."

DR. A. PENCK, formerly professor of geology at the University of Berlin, and Professor Gustav Braun, of the University of Greifswald, have been elected honorary members of the Danish Geographical Society.

AT the forty-ninth annual meeting of the British Institute of Chemistry, which was held in London under the presidency of Professor G. G. Henderson, Professor Arthur Smithells was elected president for 1927-28.

ACCORDING to *Nature* the British secretary of state has appointed the following as members of a joint committee for the management of the proposed Dairy Research Institute in Scotland: Sir Donald MacAlister (chairman); Professor Robert Muir and Professor D. Noël Paton, representing the University of Glasgow; Mr. C. Lindsay, Mr. John Speir and Principal W. G. R. Paterson, representing the West of Scotland Agricultural College; the Right Hon. Lord Weir, and Mrs. Houston Craufurd.

DR. RICHARD H. F. MANSKE, who received his doctorate in Manchester, England, under Professors Lapworth and Robinson in 1925, has been appointed a research fellow in Yale University to cooperate with Professor Treat B. Johnson on research dealing with the biochemistry of sulphur. Dr. C. Merle Suter, of the University of Kansas, has been granted