

meeting at Philadelphia, under the auspices of the University of Pennsylvania, on Wednesday, December 31, 1913.

The morning session will be open for papers on evolution, genetics and related subjects from members or invited guests, titles of which with estimated length of delivery must be in the hands of the secretary by December 1. Requests for microscopes or for space for demonstrations should also be sent to the secretary.

The program of the afternoon will be a symposium on "The Scope of Biological Teaching in relation to New Fields of Discovery." The annual dinner will be held in the evening of the same day.

Headquarters of the affiliated societies will be at the Hotel Walton, Broad and Locust Streets.

BRADLEY M. DAVIS,

Secretary

UNIVERSITY OF PENNSYLVANIA

THE AMERICAN PSYCHOLOGICAL ASSOCIATION

MONDAY, Tuesday and Wednesday, December 29, 30 and 31, have been selected as the dates for the twenty-second annual meeting of the American Psychological Association. At the invitation of the psychologists at Yale University, the sessions will be held in New Haven, in affiliation with the American Philosophical Association.

One joint session of the two societies will be arranged. At the present time it is still uncertain whether this session will be devoted wholly to discussion of the theme, "The Standpoint of Psychology," or whether a varied program will be made by selecting from among the papers offered, a few of those that promise to be of greatest interest to the membership of both associations.

Round Tables.—It has been proposed to provide time on the program for informal round-table conferences of small groups of psychologists who are particularly interested in some more or less specialized subject. "Psychological Tests of College Freshmen," for example, is one of the topics in which several laboratories seem to have a waxing inter-

est just now, and doubtless an informal interchange of ideas and experience would have some value. More or less related themes are "Psychological Tests and Vocational Guidance"; "Graded Measurements of Adult Intelligence"; "Problems of Psychological Research among Defectives and Delinquents." A timely topic, sure to call out a clash of ideas, has been suggested to the secretary from different quarters, "The Movement toward Divorce of Philosophy and Psychology." Is psychology, more than any of the other natural sciences, dependent on philosophy? In how far are the two disciplines being benefited by the rapidly spreading tendency toward separation of the two departments in university organization?

This year, as usual, the main portion of the program will be reserved for reports of experimental research. The experience of recent meetings has convinced the committee that these reports are of the greatest value when they do not undertake to go into detail, but aim instead to state clearly, but briefly, the nature of the problem and the method of attack, and then pass at once to the general summary of the results and a discussion of the conclusions reached, leaving the mass of detailed results to be presented when the research is published in full. It is impossible to compact an effective report of research into the ten or fifteen minutes allowed, when an effort is made to include in it a bulk of detailed information which is beyond the maximal span of the attention of an average psychologist.

Cards for use in sending in the titles of reports will be mailed to all members shortly.

The Yale laboratory affords excellent quarters for the display of apparatus. Members are asked to inform the secretary of any new form of apparatus or any useful demonstration device which has not already been brought to the notice of this society. Improvements on standard appliances are often quite as worthy of attention as entirely new forms. The expense of transportation will, up to a certain limit, be assumed by the Association.

The secretary wishes this year to gather together a varied assortment of printed and mimeographed syllabi, outlines, laboratory directions, charts, blanks, bibliographies of supplementary and suggested readings, review questions, examination questions and the like, so that we may all see something of the minor aids to instruction which our colleagues are employing. He begs that each one who reads this announcement will take the few moments of time necessary to mail to him at once a packet containing samples of all material of this sort which happens to be accessible.

W. V. BINGHAM,
Secretary

DARTMOUTH COLLEGE

THE DANA CENTENARY

IN commemoration of the great geologic work of James Dwight Dana, Yale University will hold a centenary celebration next December, to consist of a series of lectures, culminating in a Dana Memorial volume on "Problems of American Geology." The lectures will be given on the Silliman Foundation, and are open to all interested persons. The speakers and their respective subjects are as follows:

PROBLEMS OF AMERICAN GEOLOGY

Introduction

"The Geology of James Dwight Dana," Professor William North Rice, of Wesleyan University, Tuesday, December 2, 8 P.M.

I. *Problems of the Canadian Shield*

"The Archeozoic and its Problems," Professor Frank Dawson Adams, of McGill University, Thursday and Friday, December 4 and 5, 5 P.M.

"The Proterozoic and its Problems," Professor Arthur Philemon Coleman, of the University of Toronto, Wednesday and Thursday, December 10 and 11, 5 P.M.

II. *Problems of the Cordilleras*

"The Cambrian and its Problems," Dr. Charles Doolittle Walcott, of the Smithsonian Institution, Monday, December 15, 5 P.M.

"The Igneous Geology and its Problems," Professor Waldemar Lindgren, of the Massachusetts Institute of Technology, Tuesday, December 16, 5 P.M.

"The Tertiary Structural Evolution and its Problems," Dr. Frederick Leslie Ransome, of the United States Geological Survey, Wednesday, December 17, 5 P.M.

"The Tertiary Sedimentary Record and its Problems," Dr. William Diller Matthew, of the American Museum of Natural History, Thursday and Friday, December 18 and 19, 5 P.M.

SCIENTIFIC NOTES AND NEWS

It is announced that M. Charles Richet, professor of physiology in the University of Paris, has been awarded the Nobel prize for medicine.

THE Royal Society of Edinburgh has elected honorary fellows as follows: Professor Horace Lamb, F.R.S., professor of mathematics in the University of Manchester; Sir W. T. Thiselton-Dyer, K.C.M.G., F.R.S., formerly director of the Royal Botanic Gardens, Kew; Dr. G. E. Hale, director of the Mount Wilson Solar Observatory (Carnegie Institution of Washington); Professor Emil C. Jungfleisch, professor of organic chemistry in the College of France, Paris; Professor S. Raymón y Cajal, professor of histology and pathological anatomy in the University of Madrid; Professor V. Volterra, professor of mathematics and physics in the University of Rome; Professor C. R. Zeiller, professor of plant paleontology in the National Superior School of Mines, Paris.

PROFESSOR W. M. DAVIS, of Harvard University, has been granted an appropriation from the Shaler Memorial Fund to defray in part the expense of his trip to the South Pacific to study the physiographic evidence relating to the problem of coral reefs.

AT its last meeting held on November 12, 1913, the Rumford committee of the American Academy appropriated the sum of \$250 to Professor Louis V. King, of McGill University, to defray the expenses of computation for his research on "The Scattering and Absorption of Solar Radiation in the Earth's Atmosphere."

THE council of the Royal Meteorological Society has awarded the Symons Gold Medal to Mr. W. H. Dines, F.R.S., in recognition of