

lege of the City of New York, assisted in the work of the biological survey; likewise carried on studies upon the reactions of *Gonionemus*. (Salaried assistant.)

Edward Mueller, assistant in American Museum of Natural History, New York: Studies of Hydroids and sea-anemones.

R. C. Mullenix, graduate student, Harvard University: The caudal spinal nerves of elasmobranchs.

Raymond C. Osburn, Ph.D., teacher of zoology in the New York High School of Commerce: Collecting on behalf of the biological survey; identification of local bryozoa. (Salaried research assistant.)

George H. Parker, Ph.D., professor of zoology, Harvard University: The hearing of the weakfish, *Cynoscion regalis*. (Salaried research assistant.)

Herbert R. Sass, M.A., acting assistant in biology, College of Charleston: Factors influencing the distribution of littoral fauna.

George G. Scott, M.A., instructor in natural history; College of the City of New York: Experiments upon the regeneration of the fins of fishes; experiments upon the physiology of the blood of fishes. (Salaried assistant.)

H. D. Senior, M.B., associate in anatomy, Wistar Institute of Anatomy: The development of the blood vascular system of the teleosts.

Michael X. Sullivan, Ph.D., instructor in physiological chemistry, Brown University: The physiology of the digestive tract of elasmobranchs; the rectal gland of elasmobranchs; experiments to determine the effect of coal-tar contamination upon the health of fishes. (Salaried research assistant.)

Francis B. Sumner, Ph.D., director of the laboratory: Biological survey of local waters; the effects upon fishes of variations in the chemical and osmotic properties of the water.

Millett T. Thompson, Ph.D., assistant professor of zoology, Clark University: The masking habit and the food of the spider crabs.

Lloyd P. Upton, graduate student, Brown University: Physiology of nerve and muscle in the dogfish.

Gilbert van Ingen, Ph.D., assistant professor

of geology, Princeton University: Examination of bottom deposits. (Salaried research assistant.)

FRANCIS B. SUMNER

FISHERIES LABORATORY, WOODS HOLE,  
December 15, 1906

#### AMERICAN ASSOCIATION OF MUSEUMS

THE second annual meeting of the American Association of Museums will be held in Pittsburg, June 4-6. The headquarters of the association will be at the Hotel Schenley. The first session will be held in the Carnegie Museum on Tuesday, June 4, at ten o'clock. A preliminary program will be issued about May 20. Titles of papers to be presented before the association should be sent as early as possible to Dr. W. J. Holland, Carnegie Museum, Pittsburg. All those interested in the objects of the association are invited to become members and to be present at the meeting. Fees for dues (two dollars for active members, ten dollars for sustaining members) may be sent direct to the treasurer, Dr. W. P. Wilson, the Philadelphia Museums, Philadelphia.

GEORGE A. DORSEY,  
Secretary

#### THE SMITHSONIAN INSTITUTION AND THE NATIONAL ACADEMY OF SCIENCES AND THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

IN order to bring in closer touch the representative national scientific organizations of the country and the Smithsonian Institution at Washington, and to create a new channel for the diffusion of knowledge, Secretary Charles D. Walcott recently extended to the National Academy of Sciences and to the American Association for the Advancement of Science an invitation to make the Smithsonian Institution their headquarters.

The members of the National Academy of Sciences, Secretary Walcott invited "to deposit their archives, records, etc., in rooms provided for the purpose in the Smithsonian Institution, where the secretary of the academy could have access to them and attend to such business as might be necessary

in connection with the affairs of the academy." The secretary of the American Association for the Advancement of Science similarly was offered storage, office rooms and post-office facilities in the institution.

From Mr. Arnold Hague, home secretary of the National Academy of Sciences, the following communication has been received at the institution:

"At a meeting of the National Academy of Sciences held April 17, the secretary of the academy was requested to express to the secretary of the Smithsonian Institution the sincere thanks for the facilities afforded the academy during its sessions in Washington.

"The secretary was also requested to express the thanks of the academy for the room assigned to the academy for the use of its secretary and the keeping of the necessary files and papers, and also for the use of the members of the academy during their visits to Washington."

Dr. L. O. Howard, permanent secretary of the American Association for the Advancement of Science, has sent a letter of acceptance in the following form:

"The council of this association, at its spring meeting held in Washington on April 17, passed a formal and hearty vote of thanks to you for your great courtesy to the association in setting aside for its use storage and office rooms and a post-office box in the Smithsonian Institution."

By the location of the offices of these national scientific societies in the Smithsonian Institution, the institution becomes a clearing-house of national scientific learning. In this manner are forwarded the objects named in the will of James Smithson, the document by the terms of which the institution was founded, 'the increase and diffusion of knowledge among men.'

#### SCIENTIFIC NOTES AND NEWS

THE city council of Jena has given a plot of land, on which a philogenetic museum will be established in honor of Professor Ernst Heinrich Haeckel.

IN honor of Lord Lister's eightieth birthday the *Münchener medizinische Wochen-*

*schrift* has printed a German translation of his articles, containing the rudiments of the antiseptic theory as applied to the treatment of wounds, which began to appear in the *Lancet* of March 16, 1867.

PROFESSOR ADAM POLITZER will this year retire from the active duties of the chair of otology at the University of Vienna, and it is proposed to present to him a gold medal. Those who wish to take part in this testimonial and to secure copies of the medal should address Dr. G. Kaufmann, Vienna, VI., Mariahilferstrasse, 37.

M. DESLANDRES, of the Astrophysical Observatory at Meudon, has been elected president of the Astronomical Society of France.

AMBASSADOR BRYCE formally presented to Professor Ernest W. Brown, of Haverford College, the Royal Astronomical Society gold medal for 1907 (awarded last February), before the opening of the afternoon session of the American Philosophical Society, on Friday, April 19. Ambassador Charlemagne Tower and a large number of other members of the society and their friends were present.

PROFESSOR GEORGE L. MEYLAN, of Columbia University, has been elected president of the American Physical Education Association.

PRESIDENT IRA REMSEN, of the Johns Hopkins University, will make the principal address at the commencement exercises of the Michigan School of Mines.

MR. J. D. BOWMAN, secretary of the Carnegie Foundation for the Advancement of Teaching, has announced that, although the foundation has declined to admit state universities to the accepted list of beneficiaries of the fund, it occasionally grants retiring allowances to men in state institutions who have rendered distinguished academic service. In accordance with that plan the executive committee of the foundation has given retiring allowances to the following: E. Benjamin Andrews, chancellor of the University of Nebraska, who has been a prominent teacher and educator for thirty years. Francis H. Smith, for more than fifty years professor of natural philosophy at the University of Virginia. William V. Folwell, for fifteen years president