

spondence between the swiftness of the motion and the intensity of the impinging beam. Again, the molecular radiometer, in which the thermal gradient is at the same time a pressure gradient would fall under the same objections. I can only conclude vaguely, therefore that in some way the local vortices evoked by thermal distribution resolve themselves into a persistent ordered rotation<sup>2</sup> of the cylinder of liquid around its vertical axis, with the regressive motion specified confined to one or two relatively thin layers.

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### AMERICAN SOCIETY OF NATURALISTS

THE thirty-sixth annual meeting of the American Society of Naturalists was held at Johns Hopkins University, Baltimore, December 28, 1918, Vice-president Guy N. Collins in the chair. In affiliation with the society at this meeting were the American Society of Zoologists and the Botanical Society of America.

Illness having prevented the attendance of the treasurer the auditing committee was directed to examine his books and report at the next meeting of the society.

The executive committee recommended that sections 1 and 2 of article III. of the constitution be changed to read as follows:

Article III., Section 1. The officers of the society shall be a president, a vice-president, a secretary and a treasurer. These, together with three past-presidents and the retiring vice-president, shall constitute the executive committee of the society.

Article III., Section 2. The president and vice-president shall be elected for a term of one year, the secretary and treasurer for a term of three years. Each president on retirement shall serve on the executive committee for three years. Each vice-president on retirement shall serve on the executive committee for one year. The election of officers shall take place at the annual meeting of

<sup>2</sup> In other words, the conditions of hydrostatic equilibrium imply an inclined surface of the liquid with its maximum head in the region of the illuminated part. But such a structure is gravitationally unstable. It is difficult to see, however, why the flow should be an orderly rotation of nearly the whole cylinder of liquid.

the society, and their official term shall commence at the close of the meeting at which they are elected.

This recommendation was referred back to the executive committee by the society with the suggestion that they consider further the form by which continuity of policy may best be attained.

There were elected to membership: William T. Bovie, Harvard Medical School; Walter B. Cannon, Harvard Medical School; Otto Glaser, University of Michigan; Donald F. Jones, Connecticut Agricultural Experiment Station; Lewis R. Jones, University of Wisconsin; Horatio H. Newman, University of Chicago; Victor E. Shelford, University of Illinois; Theobald Smith, Rockefeller Institute; Alonzo E. Taylor, University of Pennsylvania; Edgar N. Transeau, Ohio State University.

The following program was presented:

*Parthenogenesis and sex determination in the white fly*: A. F. SHULL and N. R. STOLL.

*The evolution of nuclear conditions in Ciliata*: M. M. METCALF.

*The genetic interrelations of two dwarf perfect-flowered types of maize*: R. A. EMERSON and S. H. EMERSON. (Read by title.)

*Crossing-over and allelomorphism in the grouse locusts*: R. K. NABOURS.

*The evidence in favor of a linear order of the genes*: T. H. MORGAN.

*Reversal of dominance in a meal-moth producing some new phenotypic ratios*: P. W. WHITING.

*The globe mutation in Datura*: A. F. BLAKESLEE.  
*Some factors in growth correlations*: E. W. SINNOTT.

*On some growth-changes in the body-form of Melita*: W. J. CROZIER. (Read by title.)

*The effects of inbreeding on guinea-pigs*: SEWALL WRIGHT.

*Quantitative relations between chromatin and cytoplasm in the genus Arcella, with their relations to external characters*: R. W. HEGNER. (Read by title.)

The Naturalists' dinner was held on the evening of December 28 at the Hotel Emerson with sixty-five in attendance. Following the dinner Professor A. O. Lovejoy led a round table discussion by members of the American Association of University Professors of the work of certain of its committees.

The officers of the society for 1919 are:

*President*—Edward M. East, Harvard University.

*Vice-president*—John H. Gerould, Dartmouth College.

*Secretary*—Bradley M. Davis, University of Pennsylvania (1917-19).

*Treasurer*—J. Arthur Harris, Carnegie Station for Experimental Evolution (1918-20).

*Additional members of the Executive Committee*—Maynard M. Metcalf, Oberlin, Ohio (1919); Raymond Pearl, Johns Hopkins University (1917-1919); George H. Shull, Princeton University (1918-20); William E. Castle, Harvard University (1919-21).

BRADLEY M. DAVIS,  
*Secretary*

### THE AMERICAN FOLK-LORE SOCIETY

THE American Folk-Lore Society met in annual session on Friday, December 27, at the Johns Hopkins University. The following papers were read and discussed:

*Cape Verde Islands variants of the tale of "the witch and the dogs"*: ELSIE CLEWS PARSONS, New York.

*Ceremonies of the Eskimo of St. Lawrence Island*: RILEY D. MOORE, Washington.

The retiring president, C. M. Barbeau, was prevented by illness from attending and delivering the presidential address entitled "The field of European folk-lore in America." The following papers in the absence of the authors were read by title:

*Resources of Celtic folk-lore in northeast America*: EDWARD J. O'BREIN.

*Some French-Canadian folk-songs from Gaspé*: LORAIN WYMAN.

The officers of the society for 1919 are the following:

*President*—Dr. Elsie Clews Parsons.

*First Vice-president*—E. C. Hills.

*Second Vice-president*—J. W. Fewkes.

*Permanent Secretary*—Charles Peabody.

*Treasurer*—A. M. Tozzer.

*Editor*—Franz Boas.

### THE AMERICAN ANTHROPOLOGICAL ASSOCIATION

THE American Anthropological Association held its sessions on December 27 and 28 at Johns Hopkins University, Baltimore. The Friday morning meeting was devoted to the reading of papers and their discussion as in former years. The following papers were read:

*The estimated weight of the parts of the lower extremities in living men*: ROBERT BENNETT BEAN, University of Virginia.

*The relation of towers to prehistoric Pueblos*: J. WALTER FEWKES, Bureau of American Ethnology.

*Indian mounds and other relics of Indian life in Texas*: J. E. PEARCE, The University of Texas.

*In memoriam, Herman K. Haeblerlin*: FRANZ BOAS, Columbia University.

In addition to these the following were read by title in the absence of the authors:

*Ceremonial objects excavated at Otowi, New Mexico*: LUCY L. W. WILSON, Philadelphia.

*Excavations at Hawikuh, New Mexico, in 1917 and 1918*: F. W. HODGE, Museum of the American Indian (Heye Foundation).

*Mountain haunts of the coastal Algonquins*: MAX SCHRABISCH, Paterson, N. J.

*Ethnography of the Jugoslavs*: BEATRICE STEVENSON STANOYEVICH, New York.

At the Saturday morning session, papers which had already been published were taken up for discussion. This innovation resulted from the experience of past years, that worth-while discussion of papers, new and just read, was seldom possible.

At the business sessions of the council of the association Professor J. C. Merriam, of the Executive Committee of the National Research Council, presented for discussion a plan for a future permanent research body which should include a division of anthropology. The matter was referred to a committee consisting of Professor Boas, Dr. Hrdlička, and Professor Tozzer, who were directed to present definite research problems of the types most likely to be undertaken and to ascertain the organization best adapted for dealing to advantage with such problems.

The following officers were elected:

*President*—Clark Wissler, Museum of Natural History, New York.

*Vice-president, 1919*—John R. Swanton, Bureau of American Ethnology.

*Vice-president 1920*—George Grant MacCurdy, Yale University.

*Vice-president, 1921*—A. Hrdlička, U. S. National Museum.

*Vice-president, 1922*—B. Laufer, Field Museum of Natural History.

*Secretary*—Alfred M. Tozzer, Harvard University.

*Treasurer*—Neil M. Judd, U. S. National Museum.

*Editor*—Pliny E. Goddard, American Museum of Natural History.

*Associated Editors*—John R. Swanton, Robert H. Lowie.

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