

changes in the electrical polarization of the membranes; and it seems probable that these variations in electrical polarization are more directly responsible for the characteristic special effects produced by stimulation—such as increased oxidation, contraction, and the other forms of response which vary from cell to cell.

RALPH S. LILLIE

UNIVERSITY OF PENNSYLVANIA

THE SOUTHERN SOCIETY FOR PHILOSOPHY AND PSYCHOLOGY

THE eighth annual meeting of the Southern Society for Philosophy and Psychology was held at the Johns Hopkins University, Baltimore, on Tuesday and Wednesday, April 8 and 9, 1913. Three sessions were held: one on Tuesday afternoon, one on Tuesday evening and one on Wednesday forenoon. On Tuesday afternoon at 5 o'clock the members of the society were invited to attend the university lectures on "Bergson's Doctrine of Time" given by Professor A. O. Lovejoy in the Donovan Room of McCoy Hall. The sessions were held in the lecture room of the biological laboratory, President R. M. Ogden presiding. The president's address, entitled "The Relation of Psychology to Philosophy and Education," was given at the session on Tuesday evening. Preceding this address, the local members of the society entertained the visiting members at a dinner at the Johns Hopkins Club, and after the address they entertained them at a smoker in the rooms of Professor Lovejoy. The following items were passed upon at the business meeting, which was held on Wednesday morning:

1. It was decided to hold the next meeting at Atlanta, Georgia, during the recess of the Christmas holidays, in conjunction with the meetings of the American Association for the Advancement of Science.

2. The following officers were elected for the year 1913: *President*, H. J. Pearce, Brenau College; *Vice-president*, A. O. Lovejoy, Johns Hopkins University; *Secretary-Treasurer*, W. C. Ruediger, The George Washington University; *Council for three years*, Bird T. Baldwin, Swarthmore College, and Josiah Morse, University of South Carolina.

3. The following were elected to membership: Professor W. H. Chase, University of North Carolina; Professor L. R. Geissler, University of

Georgia; Miss H. B. Hubbard, Baltimore; Miss E. D. Keller, Baltimore; Dr. Frank A. Manny, Baltimore Training School; Professor Mark A. May, Murphy College; Father Thomas V. Moore, Catholic University of America; Mrs. Jacob Taubenhaus, Newark, Delaware; Mr. Jacob Ulrich, Baltimore; Professor H. H. Williams, University of North Carolina.

4. The accounts of the treasurer were audited by a committee of the council and showed a balance on hand, April 9, 1913, of \$68.70.

5. Votes of thanks were extended to the authorities of the Johns Hopkins University for the use of the lecture room of the biological laboratory and to the local members for the dinner and the smoker.

W. C. RUEDIGER,
Secretary-Treasurer

THE GEORGE WASHINGTON UNIVERSITY,
WASHINGTON, D. C.

THE ZOOLOGICAL SECTION OF THE MICHIGAN ACADEMY OF SCIENCE

THE nineteenth annual meeting of the Zoological Section met in the zoological lecture room of the University of Michigan at 9 A.M. and 1:30 P.M. on April 3, with Vice-president Peter Okkelberg in the chair. The meetings were well attended and the following program was read. Dr. Bertram G. Smith, of the Ypsilanti State Normal College, was elected vice-president and chairman of the Zoological Section for the coming year. Hereafter the meetings will be held on the Friday and Saturday after Thanksgiving.

"Factors Governing Local Distribution of the Thysanoptera," A. F. Shull.

"Results of the Mershon Expedition to the Charity Islands, Lake Huron Coleoptera," A. W. Andrews.

"Types of Learning in Animals," J. F. Shepard.

"The Lepidoptera of the Douglas Lake Region, Cheboygan County, Michigan," Paul S. Welch.

"Check-list of Michigan Lepidoptera. II. Sphingidae (Hawk-moths)," W. W. Newcomb.

"On the Breeding Habits of the Log-perch," Jacob Reighard.

"A List of the Fish of Douglas Lake, Cheboygan County, Mich., with notes on their Ecological Relations," Jacob Reighard.

"May the Remains of Adult Lepidoptera be Identified in the Stomach Contents of Birds?" F. C. Gates.