

*The equilibrium functions of the internal ear:* S. S. MAXWELL.

Friday morning:

*Differential survival of male and female dove embryos in increased and decreased pressures of oxygen: a test of the metabolic theory of sex:* OSCAR RIDDLE.

*A decrease in sexual dimorphism during the course of selection with inbreeding:* CHARLES ZELENKY.

*A dominant color mutation of the guinea-pig:* SEWALL WRIGHT.

*Some conclusions regarding the influence of the endocrine glands upon amphibian development:* BENNET M. ALLEN.

*Chromosomes and the life cycle of Hydatina senta:* A. FRANKLIN SHULL.

*Inheritance of eye-defects induced in rabbits:* M. F. GUYER AND E. A. SMITH.

*The bearing of Mendelism and mutation on the theory of natural selection:* C. C. NUTTING.

*The inheritance of size in rats:* HEMAN L. IBSEN.

*Inheritance of a secondary sexual character and the effects of lethal factors in Colias philodice:* JOHN H. GEROULD. (Read by title.)

*A recessive mutation in haemolymph pigment in Colias philodice:* JOHN H. GEROULD. (Read by title.)

*Duplicate factors for cotyledon color in soy beans:* C. M. WOODWORTH (introduced by J. A. Detlefsen).

*Some variation in color pattern of mammals:* LEON J. COLE AND JESSIE MEGEATH.

*Inheritance of checks and bars in pigeons:* SARAH V. H. JONES (introduced by Leon J. Cole).

Friday afternoon:

*Selective fertilization and the rate of pollen tube growth:* D. F. JONES.

*Genetic studies in Crepis:* E. B. BABCOCK.

*A quantitative study of mutation in the second chromosome of Drosophila:* H. J. MULLER.

*A genetic analysis of "low crossover stock" produced by selection:* ELMER ROBERTS (introduced by J. A. Detlefsen).

*The inheritance of small deviations from bilateral symmetry:* F. B. SUMNER. (Read by title.)

*Relation between chaff color and pubescence in a cross between wheat and emmer:* H. H. LOVE. (Read by title.)

*The mutant type "crossveinless" in Drosophila virilis and D. melanogaster:* ALEXANDER WEINSTEIN AND C. B. BRIDGES.

A. FRANKLIN SHULL,  
Secretary

## THE AMERICAN SOCIETY OF ZOOLOGISTS

THE American Society of Zoologists held its eighteenth annual meeting at the University of Chicago in conjunction with Section F of the American Association for the Advancement of Science and in association with other biological societies on December 28, 29 and 30, 1920.

Due the absence of the secretary, H. V. Neal was elected secretary *pro tem*.

The Constitution was amended by adding a new type of membership as follows:

Foreign zoologists, not members of this Society, may be elected Honorary Fellows upon unanimous recommendation of the Executive Committee by a majority vote of the members present at any meeting of the Society. Honorary Fellows shall not be required to pay dues.

The By-Law providing for affiliation with the American Society of Naturalists was amended to eliminate this affiliation.

The following were elected to membership in the Society: Royal N. Chapman, University of Minnesota; James Arthur Dawson, Dalhousie University; Leslie Clarence Dunn, Connecticut Agricultural Station; Ernest Melville DuPorte, MacDonald College; Charles McLean Fraser, University of British Columbia; William Marion Goldsmith, Southwestern College; Norman McDowell Grier, Washington and Jefferson College; Selig Hecht, Creighton Medical College; Walter N. Hess, DePauw University; Minna E. Jewell, Milwaukee-Downer College; Thistle T. Job, Loyola University School of Medicine; Rokusaburo Kudo, University of Illinois; Ralph S. Lillie, Department of Pure Science, Nela Research Laboratories; William A. Lippincott, Kansas State Agricultural College; Henry G. May, Rhode Island State College and Agricultural Experiment Station; Irene McCullough, Sophie Newcomb College; Richard Anthony Muttikowski, University of Idaho; J. M. D. Olmstead, Toronto University; Thomas Elliott Snyder, Bureau of Entomology U. S. Department of Agriculture; Wilbur Willis Swingle, Yale University; Charles Vincent Taylor University of California; Clarence Lester Turner, Beloit College; Asa Orrin Weese, University of New Mexico.

Among other items the secretary reported the death of two members, E. L. Michael and George D. Allen. The membership roll before the election of new members contained 305 names of members in good standing. The American Association for the Advancement of Science had recognized election to membership in the society as a certification of eligibility for Fellowship in the association.

The report of the treasurer showed a probable balance for January 1, 1921, of \$890.30, a net increase for the year of \$80.71.

The officers elected for 1921 are: *President*, C. A. Kofoid; *Vice-president*, A. L. Treadwell; *Member of the Executive Committee to serve five years*, Gilman A. Drew; *Member of Division of Biology and Agriculture, National Research Council, to serve three years*, William Patten; *Members of the Council of the American Association for the Advancement of Science*, C. C. Nutting and W. C. Allee; *Members of the Advisory Board to serve four years*, C. A. Kofoid and D. H. Tennent.

Professor R. A. Budington appealed for support for Professor Van der Stricht and his *Archiv de Biologie* which can be given by the purchase of a set of lantern slides made from Van der Stricht's preparations showing fertilization in *Nereis*.

#### RESOLUTIONS ADOPTED REGARDING DUTY FREE IMPORTATION OF SCIENTIFIC MATERIALS

The American Society of Zoologists representing the zoological interests of the country, especially from the standpoint of research and instruction in our American colleges and universities, views with much concern the proposals made in the bill H. R. 7785 which provides for an increase of 20 per cent. in the duty on scientific instruments and an increase of 30 per cent. on scientific glassware and in addition repeals section 573 of the tariff act of October 3, 1913, which allows for the duty free importation of such materials by educational institutions.

In view of the fact that the great mass of research in pure science is still carried on by men in our colleges and universities, an increase in the cost of scientific apparatus and equipment is especially to be deplored since even under the present arrangement of low duties and duty free import privileges, the funds at the disposal of our educational institutions are inadequate to provide for the most efficient teaching equipment or to allow for the most effective prosecution of research.

*Therefore be it resolved:* That the American Society of Zoologists, assembled in annual session, call the attention of Congress to the burden imposed upon the prosecution of educational and research work by the proposed repeal of the privilege of duty free importation of scientific apparatus, chemicals and glassware by educational institutions and respectfully request the continuance of this privilege in proposed tariff legislation.

The American Society of Zoologists also requests the restoration of the privilege of the duty free importation of single copies of scientific books in the English language by members of recognized educational and scientific institutions.

That copies of these resolutions be forwarded to the Congressional Committees concerned, the National Academy of Sciences, the National Research Council and to the executive committee of the American Association for the Advancement of Science and given other proper publicity as the execu-

tive committee of the American Society of Zoologists shall direct.

#### CONCERNING THE PRESERVATION OF WILD LIFE

*WHEREAS:* The Ecological Society of America is engaged in attempting to secure the reservation of natural areas, *i.e.*, reserves including the original flora and fauna in an undisturbed state, for research present and future. A standing committee has been listing and describing such areas desirable for reservation, during several years past. The society is now entering on a plan to unite the various groups interested in primeval areas, namely:

1. Investigators in biology, geography, history and art.
2. Sportsmen through their interest in game sanctuaries.
3. Ornithologists through their interest in bird refuges.

4. Wild flower lovers through their interest in primeval areas as seeding centers and preserves.

The purpose of such union of interest will be to secure the preservation of natural areas in state parks, forest preserves, etc., and to secure the creation of more such parks and forest preserves.

*WHEREAS:* The number of primeval preserves especially in the eastern states is wholly inadequate for either present or future research purposes and areas from which such preserves may be created are rapidly being destroyed.

*Be it resolved:* That the American Society of Zoologists indorses the efforts of the Ecological Society of America to secure reserves for research purposes and directs its secretary to forward a copy of this resolution to the division of Biology and Agriculture of the National Research Council.

*And further resolved:* That the president of the society be directed to appoint a delegate to the Parks Conference to be held in Des Moines, Iowa, January 10, 11 and 12, 1921, said delegate to represent the society in the interest of reserves of primeval conditions for zoological research.

A more complete report of the business transacted together with titles and abstracts of the papers presented and a revised list of members of the society will be found in the *Anatomical Record* for January, 1921.

W. C. ALLEE,  
*Secretary-Treasurer*

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