

inary report from the International Commission on the Teaching of Mathematics; and Section B plans to devote one session to a discussion of the teaching of physics. The Social Education Club, of Boston, plans to hold one evening meeting with a program that should be of particular interest. The Eastern Association of Physics Teachers, the Association of Mathematical Teachers in New England and the Association of Physics Teachers of Washington expect to hold meetings and reader programs that will be valuable to those interested in educational matters.

The American Federation of Teachers of the Mathematical and Natural Sciences will hold its annual business meeting on Monday afternoon. The American Nature Study Society will meet on Saturday morning to discuss the problem of physical nature study. All of these meetings are open to the public.

THE AMERICAN PHYSIOLOGICAL SOCIETY

THE preliminary program of the twenty-second annual meeting to be held at the Harvard Medical School, Boston, December 28-30, is as follows:

Tuesday, December 28

9:00 A.M.—Reading of papers, followed by a business session after 12 o'clock.

2:30 P.M.—Meeting of Section K—Physiology and Experimental Medicine—American Association for the Advancement of Science. (Lecture Room, Building, of Harvard Medical School). Address of the retiring vice-president, W. H. Howell.

Discussion of the Ductless Glands.

R. H. Chittenden, General Chemical Aspect of Internal Secretion.

S. P. Beebe, Thyroid.

J. V. Cooke, Parathyroid.

Harvey Cushing, Hypophysis.

W. G. MacCallum, Pancreas.

Swale Vincent, Suprarenal.

8:30 P.M.—Joint smoker with the Association of American Anatomists and the American Society of Biological Chemists at the Hotel Westminster, Copley Square.

Wednesday, December 29

9:00 A.M.—Joint session of the American Society

of Biological Chemists and the American Physiological Society.

2:00 P.M.—Visit to the Carnegie Nutrition Laboratory (by invitation of Dr. F. G. Benedict).

3:00 P.M.—Physiological demonstrations (Harvard Physiological Laboratories).

Thursday, December 30

9:00 A.M.—Reading of papers, followed by a business session after 12 o'clock.

2:00 P.M.—Demonstrations.

THE AMERICAN SOCIETY OF NATURALISTS

THE American Society of Naturalists will meet at the Harvard Medical School, Boston, Mass., on Wednesday, December 29, 1909.

The program will consist of original papers and demonstrations of studies on evolution. The following papers are promised and a few others will probably be added to the list:

E. M. East: "A Mendelian Interpretation of Variation that is apparently Continuous."

J. B. Watson: "The Problem of Determining Color Vision in Animals."

W. L. Tower: Title not yet received.

G. H. Shull: "The Inheritance of Sex in *Lycnis alba*."

Frank E. Lutz: "Experiments concerning the Reversion of Domesticated Races to the Wild Type."

W. J. Spillman: "Mendelian Phenomena Independent of de Vriesian Hypotheses."

J. Reighard: "Biological Meaning of Conspicuousness in Animals."

T. H. Montgomery: "Sexual Selection in Spiders."

D. H. MacDougal: "Origination of Parasitism in the Higher Plants."

Anne M. Lutz: "The Relation of Chromosome Number to Vegetative Characters in the *Urnothera*."

H. S. Jennings: "Experimental Evidence on the Effectiveness of Selection."

C. H. Eigenmann: "The Divergence and Convergence in Characins."

Ulric Dahlgren: "Origin of the Electric Tissues in Teleost Fishes."

W. E. Castle: "On the Nature of Mendelian Factors."

R. R. Gates: "The Material Basis of Mendelian Phenomena."

E. Brainard: "The Evolution of New Forms in *Viola* through Hybridism."

A. F. Shull: "The Artificial Production of the