

Prof. Putnam; 'Results of Recent Cave Exploration in the United States,' by H. C. Mercer; 'Kootenay Indian Place Names and Names of Implements,' by Prof. A. F. Chamberlain; 'Clan System of the Pueblos,' by F. W. Hodge. A very suggestive paper by Rev. Dr. Richert on 'Character and Food.' An account of 'Finland Vapor Baths,' by Mr. H. W. Smith, and an account of certain uses in religious ceremonies of the 'Mescal Plant,' by James Mooney.

The officers elected for next year for this Section are: *Vice President*, W. J. McGee, Washington, D. C.; *Secretary*, H. I. Smith, New York.

G. H. PERKINS,  
*Secretary.*

UNIVERSITY OF VERMONT.

#### THE SOCIETY FOR THE PROMOTION OF AGRICULTURAL SCIENCE.

THE seventeenth annual meeting of the Society for the Promotion of Agricultural Science was held at Buffalo, N. Y., in the Public Library Building, on August 21st and 22d. The meeting was the most successful one of recent years. Fifteen papers, on the following subjects, were read, most of the authors being present in person:

W. R. LAZENBY. *Presidential address. The Relation of Science to Agriculture.*

A. D. HOPKINS: On varieties of timothy and red clover.

Pollen-distributing insects observed on flowers of timothy and red clover.

V. A. MOORE: The influence of animal experimentation upon agriculture.

C. C. GEORGESON: Steer feeding experiments at the Kansas Experiment Station.

L. O. HOWARD: A biographical sketch of Dr. C. V. Riley.

B. M. DUGGAR (By invitation): *Sporotrichum globuliferum*: White muscardine of the chinch bug economically considered.

E. A. DE SCHWEINITZ: An anti-toxic serum for hog cholera and swine plague. The production of immunity to hog cholera by means of the blood serum of immune animals.

H. L. BOLLEY: The relation of the time of feeding and the period of development, to the develop-

ment of rusts and smuts in oats. Also some further experiments on potato scab.

F. D. CHESTER: Protective inoculation against anthrax.

H. C. IRISH (By invitation): Forcing cauliflower with lettuce and cucumbers.

W. A. KELLERMAN (By invitation): New experiments with fungicides for smuts of wheat and oats.

C. E. BESSEY: A biographical sketch of Prof. C. L. Ingersoll.

F. WM. RANE: Electro-Horticulture: range of incandescent lamps.

L. H. PAMMEL and F. L. SCRIBNER: Notes on grasses collected between Jefferson, Iowa, and Denver, Colorado.

The old board of officers, composing the following persons, was reelected for the ensuing year: President, W. R. Lazenby, Ohio State University, Columbus, O.; Secretary and Treasurer, C. S. Plumb, Purdue University, LaFayette, Ind.; third member Executive Committee, L. O. Howard, Department of Agriculture, Washington.

C. S. PLUMB,  
*Secretary.*

#### BRITISH ASSOCIATION FOR THE ADVANCE- MENT OF SCIENCE.\*

##### ADDRESS BY THE PRESIDENT TO THE MATHEMATICAL AND PHYSICAL SECTION.

THERE is a melancholy reminiscence connected with this meeting of our Section, for when the British Association last met in Liverpool the chair in Section A was occupied by Clerk-Maxwell. In the quarter of a century which has elapsed since that meeting, one of the most important advances made in our science has been the researches which, inspired by Maxwell's view of electrical action, confirmed that view, and revolutionized our conception of the processes occurring in the Electro-magnetic field. When the Association last met in Liverpool Maxwell's view was almost without supporters, to-day its opponents are fewer than its supporters then. Maxwell's theory, which is the development and extension of

\*Liverpool meeting, beginning September 16, 1896.