

Spanish, were still in the stage when red and yellow were the only colors clearly perceived.³

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THE NATIONAL ACADEMY OF SCIENCES.

THE academy held its autumn meeting at the Sheffield Scientific School of Yale University, on November 14 and 15. The scientific program was as follows:

JOHN TROWBRIDGE: 'Slow movements of electrical discharges.'

E. B. WILSON: 'Sex-determination and the chromosomes.'

L. B. MENDEL: 'Studies on the chemical physiology of development and growth.' (Introduced by R. H. Chittenden.)

W. M. DAVIS: 'The Dwyka glacial conglomerate of South Africa.' (Illustrated by lantern slides.)

B. B. BOLTWOOD: 'The disintegration products of thorium as indicated by the proportions of lead and helium in minerals.' (Introduced by H. L. Wells.)

A. HALL: 'Relation of the true anomalies in a parabola and a very eccentric ellipse having the same perihelion distance.'

S. L. PENFIELD: 'On a new mineral from Borax Lake, California.'

F. E. BEACH: 'On errors of excentricity and collimation in the human eye.' (Introduced by C. S. Hastings.)

C. S. PEIRCE: 'The relation of betweenness and Royce's O-collections.'

L. P. WHEELER: 'Some problems in metallic reflection.' (Introduced by C. S. Hastings.)

FRANZ BOAS: 'On Pearson's formulas of skew distribution of variates.'

A. AGASSIZ: 'On the variation in the spines of sea urchins.'

W. H. BREWER: 'Further observations on sedimentation.'

H. A. BUMSTEAD: 'The effect of Röntgen rays on certain metals.' (Introduced by C. S. Hastings.)

THE GEOLOGICAL SOCIETY OF AMERICA.

THE eighteenth annual meeting of the Geological Society of America will be held on

³I am indebted to Professor R. S. Woodworth, of Columbia University, for valuable suggestions and references to literature. He is not, however, responsible for the conclusions advocated.

December 27, 28 and 29, in Ottawa City, the Canadian capital. The circular of information issued by Secretary Fairchild gives the details of arrangements for the meeting there, and facilities regarding customs as well as railway and hotel accommodation usually given to the fellows of the society.

Ottawa is easily reached from all railway centers and is one of the most progressive cities of the Dominion, being the seat of government and the headquarters of the Geological Survey Department. This official survey, which began in 1842, has continued its operations uninterruptedly and there is now attached to the department a Museum of Geology, for petrography, general geology and historical geology, as well as for paleontology. Type specimens of Canadian fossils, described by Billings, by Whiteaves, Sir William Dawson, by Rupert Jones and by various other well-known authors, are deposited in the collections and can be seen to advantage.

A large attendance is expected at this meeting, many having already signified their intention of being present. A local committee has charge of the details of the meeting, and the evening sessions promise to be of an interesting nature. The annual dinner of the society will be followed by a reception at which the governor general will be present. The Russell House will be the headquarters. Rates are very reasonable, and every comfort will be provided for the guests attending the meeting. All parcels serving to illustrate papers to be presented at the meeting will be admitted free of duty by the commissioner of customs if addressed to Dr. H. M. Ami, Headquarters of the Geological Society of America, Russell House, Ottawa, Canada.

The society met at Ottawa in 1892 under the presidency of Professor B. K. Emerson. This year Professor Raphael Pumpelly is the president.

THE ROYAL SOCIETY'S MEDALS.

THE following is a list of those to whom the Royal Society has this year awarded medals: The Copley medal to Professor Dmitri Ivanovitch Mendeléef, of St. Petersburg, for