

F. S. LEE: 'The Cause of the Treppe.'

F. S. LEE: 'Methods of Studying Fatigue.' (A demonstration.)

C. L. ALSBERG: 'Demonstration of the Adiabatic Calorimeter of Richards, Henderson and Frevert.'

The election of new members was held between twelve and one o'clock.

The afternoon session was devoted to informal demonstrations.

*Saturday, December 29, 10 A.M.*

Rockefeller Institute for Medical Research, Sixty-sixth Street and Avenue A.

Joint session with the Section (K) of Physiology and Experimental Medicine of the American Association for the Advancement of Science.

R. M. YERKES: 'The Functions of the Ear of the Dancing Mouse.'

S. J. MELTZER and J. AUER: 'The Effect of Section of one Vagus upon the Secondary Peristalsis of the Oesophagus.'

F. P. UNDERHILL and L. B. MENDEL: 'On the Alleged Adaptation of the Salivary Glands to Diet.'

C. H. NEILSON (by invitation): 'Adaptation of Saliva to Diet.'

W. KOCH and H. S. REED: 'The Effect of Phosphorus Starvation on *Aspergillus niger*.'

W. J. GIES: 'New Chemical Facts about Tendon and Compound Proteins.'

W. J. GIES and W. N. BERG: 'A Further Study of Peptolysis.'

L. LOEB (by invitation): 'The Action of Blood Serum and Tissue Extracts on the Coagulation of the Blood.'

W. B. CANNON: 'Some Observations on the Oesophagus after Bilateral Vagotomy.'

L. B. STOOKEY and M. MORRIS: 'Concerning the Pharmacological Action of Salicylic Acid.'

P. A. LEVENE and J. E. SWEET: 'Nuclein Metabolism Experiment on a Dog with Eck's fistula.'

P. A. LEVENE, W. A. BEATTY, D. R. MACLAURIN and C. H. RUILLER: 'Protein Analysis.'

J. AUER: 'Demonstration of Normal Gastric Peristalsis in the Rabbit.'

J. AUER and S. J. MELTZER: 'Peristalsis of the Rabbit's Cæcum' (with demonstration).

A. CARREL (by invitation): 'Preservation of Blood Vessels in Cold Storage.'

S. J. MELTZER: 'Demonstration of the Failure of Regeneration of the Cervical Ganglion Twenty-six Months after its Removal.'

The members of the society were invited to luncheon on Thursday, Friday and Saturday, at one o'clock.

A scientific exhibition was held at the American Museum of Natural History during convocation week, under the auspices of the New York Academy of Sciences. The purpose of the exhibition is to collect and demonstrate objects showing the most recent advances in the different departments of science. The Committee on Physiological Exhibit consisted of William J. Gies, chairman; Joseph Erlanger, William H. Howell, Frederic S. Lee, Jacques Loeb, Warren P. Lombard, Graham Lusk, S. J. Meltzer, Lafayette B. Mendel, William T. Porter, Edward T. Reichert, G. N. Stewart.

The next meeting of the society will be held in conjunction with the Congress of American Physicians and Surgeons in Washington, May, 1907.

LAFAYETTE B. MENDEL,  
*Secretary*

#### THE AMERICAN SOCIETY OF VERTEBRATE PALEONTOLOGISTS

THE fifth annual meeting of the American Society of Vertebrate Paleontologists was held in the American Museum of Natural History, New York City, on Wednesday and Thursday, December 26 and 27, 1906. The following members were present:

Mr. Barnum Brown, American Museum of Natural History, New York City, N. Y.

Dr. Bashford Dean, Columbia University, New York City, N. Y.

Dr. Marcus S. Farr, Princeton University, Princeton, N. J.

Mr. J. W. Gidley, U. S. National Museum, Washington, D. C.

Mr. Walter Granger, American Museum of Natural History, New York City, N. Y.

Mr. W. K. Gregory, American Museum of Natural History, New York City, N. Y.

Dr. O. P. Hay, American Museum of Natural History, New York City, N. Y.

Dr. L. Hussakof, American Museum of Natural History, New York City, N. Y.

Professor F. B. Loomis, Amherst College, Amherst, Mass.

Dr. R. S. Lull, Yale University, New Haven, Conn.

Dr. J. H. McGregor, Columbia University, New York City, N. Y.

Dr. W. D. Matthew, American Museum of Natural History, New York City, N. Y.

Professor H. F. Osborn, American Museum of Natural History, New York City, N. Y.

Professor W. B. Scott, Princeton University, Princeton, N. J.

Dr. W. J. Sinclair, Princeton University, Princeton, N. J.

The following papers were presented at the meeting:

#### TITLES OF PAPERS READ AT THE MEETING

Dr. J. H. MCGREGOR: 'Mesosaurus and Stereosternum from the Permian of Brazil.' Illustrated by drawings, photographs and specimens.

Professor H. F. OSBORN: 'Faunal Succession in the American Tertiaries.' Charts and lantern.

Professor H. F. OSBORN: 'Brief Notices of Tyrannosaurus, Naosaurus, Elephas columbi, Allosaurus, and other Vertebrates Recently Mounted at the American Museum of Natural History.'

Dr. W. D. MATTHEW: 'A Lower Miocene Fauna from South Dakota.'

Professor F. B. LOOMIS: 'Conditions under which the Wasatch and Wind River Beds were Deposited.'

Dr. L. HUSSAKOF: 'The Devonian Fish-bearing Formations of Ohio and Eastern Canada.' Lantern illustrations.

Dr. BASHFORD DEAN: 'Notes on Fossil Sharks.' Illustrated by models.

Dr. W. K. GREGORY: 'Brief Notes and Observations on the Theory of Trituberculy.'

Dr. W. K. GREGORY: 'Exhibition of a Specimen of *Prorosmarus alleni*, a Primitive Walrus from the Miocene.'

Professor W. B. SCOTT: 'The Litopterna.' (The President's address).

Dr. CHAS. S. MEAD: 'The Gait and Correct Pose of *Brontosaurus*.' Illustrated by model of skeleton.

Mr. A. O. PETERSON: 'A Section of the Lower Miocene of Nebraska, and a List of its Vertebrate Fauna.'

Mr. EARL DOUGLAS: 'A Restoration of *Palæomeryx*.'

The following officers were elected for the ensuing year:

*President*—Professor Bashford Dean, Columbia University, New York City, N. Y.

*Secretary-Treasurer*—Professor Frederick B. Loomis, Amherst College, Amherst, Mass.

*Executive Committee*—Professor E. H. Barbour, University of Nebraska, Lincoln, Nebraska; Mr. Lawrence M. Lambe, Geological Survey of Canada, Ottawa, Canada; Professor J. C. Merriam, University of California, Berkeley, California; Dr. W. J. Sinclair, Princeton University, Princeton, N. J.

MARCUS S. FARR,  
*Secretary-Treasurer*

PRINCETON, N. J.,  
December 31, 1906

#### SCIENTIFIC BOOKS

##### THE BULLETIN OF THE AMERICAN MUSEUM OF NATURAL HISTORY.

IN the issue of May 25, 1900, of this journal a review was given of the *Bulletin of the American Museum of Natural History*. It was intended to be of some assistance to those unacquainted with the extent of these scientific contributions. It was suggestive simply, and embraced no intention of giving details or exhaustive titles. It concluded with volume XII. Since then nine volumes have been published, and a new series of subjects

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