

tional excitement to bodily disorders and has since given us scientific reasons for not worrying and for remaining cool under provocation. For nearly two years, 1917-1919, Dr. Cannon was working in France on the results of shock, and in the perfecting of the proper treatment. He is a scholar and a benefactor of mankind.

**JACQUES LOEB:** Head of the Department of Experimental Biology, Rockefeller Institute for Medical Research. Dr. Loeb was born in Germany, and studied medicine at Berlin and Munich, receiving the degree of doctor of medicine from Strasbourg in 1884. He is a member of many learned societies at home and abroad: The National Academy of Sciences; honorary member of the Royal Institute, corresponding member of the Institute of France, honorary member Royal Belgian Medical Academy, corresponding member Cracow Academy, the Moscow Society of Naturalists. He has been professor at Bryn Mawr, for the eagle eye of Miss Carey Thomas saw his youthful possibilities; at Chicago and at the University of California. Since 1910 he has been head of the division of general physiology, Rockefeller Institute. His publications have made him one of the foremost men of science in the world. His work on artificial parthenogenesis is nothing short of epoch-making, and his analyses of the mechanical and chemical bases of the simpler forms of animal behavior bid fair to revolutionize the fundamental conceptions of biology. An experimenter of extraordinary ingenuity, he has brought all the resources of physics and chemistry to bear on the interpretation of vital processes. His work on the dynamics of living matter has led him to profound discussions upon mechanistic philosophy. He is something more than an original investigator; he is, in every sense of the word, creative.

**HENRY FAIRFIELD OSBORN:** Paleontologist. Merely to enumerate the list of Dr. Osborn's achievements, services, and resulting decorations would make us late for the alumni dinner. He was graduated from Princeton in 1877: he has received the degree of doctor of science from Princeton and from Cambridge; doctor of philosophy from Christiania, and doctor of laws from Trinity, Princeton and Columbia. He was professor of comparative anatomy at Princeton, professor of biology and later research professor of zoology at Columbia, where for some years he was dean of the faculty of pure science. He is president of the American Museum of Natural History, easily the first institution of its kind in this country and undoubtedly in the front ranks of the world's great museums. He has also been president of innumerable institutions and societies in natural history, vertebrate paleontology and zoology. The range of his activities may be partly indicated by his having been president of the International Congress of Eugenics, of the American Bison Society and of a School for Girls. He is an honorary member of scientific societies in England, France, Russia, Germany, Italy, Sweden, Belgium and South America. He is not only a citizen of the world, but of all time, applying the most recent methods of study to the most ancient periods of history. His books are illuminating illustrations of the happy combination of scientific information and literary art.

## JOSEPH LEIDY COMMEMORATIVE MEETING

ON December 6, 1923, the centenary of the birth of Dr. Joseph Leidy will be commemorated by several meetings to be held in the Academy of Natural Sciences of Philadelphia. The meetings will be under the auspices of the following organizations, with all of which Dr. Leidy was associated:

- The Academy of Natural Sciences of Philadelphia
- The American Association of Anatomists
- The American Entomological Society
- The American Philosophical Society
- The American Society of Naturalists
- The Boston Society of Natural History
- The College of Physicians of Philadelphia
- The National Academy of Sciences
- The Smithsonian Institution
- The Swarthmore College
- The University of Pennsylvania
- The Wagner Free Institute of Science
- The Wistar Institute of Anatomy and Biology
- The Zoological Society of Philadelphia

A large number of scientific organizations throughout the world have been invited to designate representatives to attend the meetings, which have been planned to suitably present the comprehensiveness of Dr. Leidy's researches.

The addresses to be delivered at the meetings will be appreciative of the diversity of Dr. Leidy's contributions to science. These have been selected as follows: General estimate of influence upon scientific thought and development; Personal recollections and appreciation as an anatomist; Zoological work; Paleontological and geological work; Botanical work; Mineralogical work; Medical work. The speakers upon these topics have been selected and their names will be announced at a later date.

As a part of the commemorative meeting there will be established a Joseph Leidy Memorial Medal, as a trust with the Academy of Natural Sciences of Philadelphia, to be awarded in recognition of preeminent contributions to the biological sciences.

A banquet at the time of the meeting has been planned, and several other features, which would aid in suitably and permanently commemorating the importance of Dr. Leidy's researches, may be arranged.

The joint committee in charge of the commemoration is composed of twenty-one representatives of the above listed organizations. An executive sub-committee of ten has immediate direction of details for the main committee. The address of the committee and executive sub-committee is, care of the Academy of Natural Sciences of Philadelphia.

## SCIENTIFIC NOTES AND NEWS

SCIENCE will hereafter be printed by The Science Press Printing Company, Lancaster, Pennsylvania.