

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.

DR. DAVID WHITE, senior geologist of the United States Geological Survey and president of the Geological Society of America, received the degree of doctor of science from the University of Cincinnati on June 16, and the same degree from the University of Rochester on June 18.

BROWN UNIVERSITY has conferred its doctorate of science on Dr. George D. Birkhoff, professor of mathematics in Harvard University.

THE degree of doctor of science has been conferred by Williams College on Edward Barton, professor of sanitary chemistry at the University of Illinois.

WILLIAM BOYCE THOMPSON, of New York, president of the Roosevelt Memorial Association, who recently founded the Institute for Plant Research at Yonkers, N. Y., received the degree of doctor of laws at the commencement exercises of the University of Kentucky.

THE University of Cambridge has conferred the doctorate of science on Professor H. A. Lorentz, of Leiden, who has been lecturing in England under the auspices of the Anglo-Batavian Society.

THE University of St. Andrews will confer the honorary degree of LL.D. on Herbert William Richmond, University lecturer in mathematics in the University of Cambridge, retiring president of the London Mathematical Society, and Sir Robert Robertson, chief government chemist, London.

ON the occasion of the birthday of the King of England the following have been knighted: G. H. Knibbs, director of the Bureau of Science and Industry, of Australia; W. J. R. Simpson, professor of hygiene, King's College, London; Dr. H. W. G. Mackenzie, Royal College of Physicians, and J. Evershed, director of the Kodaikanal and Madras Observatories.

M. MOLLIARD, dean of the faculty of science of the University of Paris, has been elected a member of the Paris Academy of Sciences in the section of botany to succeed the late Gaston Bonnier.

THE Helmholtz gold medal, awarded once in ten years by an international committee for the most significant research in the domain of optics, has been given to Professor K. von Hess, of Munich, for his investigations on color vision.

THE Swedish Medical Association has founded a gold medal, called the "Gullstrand Medal," in honor of Dr. Alvar Gullstrand, professor in physiologic and physical optics at Upsala. This prize will be awarded for the first time in 1932 and thereafter each tenth year, without regard to nationality.

DR. G. N. LEWIS, of the University of California, has been elected an honorary member of the London Chemical Society.

PROFESSOR JACOB G. LIPMAN, of Rutgers College, has been elected a member of the Swedish Royal Society of Agriculture.

AT the recent meeting in Montreal of the Canadian Medical Association a resolution of thanks was passed to Dr. T. C. Banting, of Toronto, for the discovery of insulin. It was announced that the Canadian Government would be asked to offer suitable recognition of Dr. Banting's services.

A FAREWELL banquet was tendered Dr. Perry G. Snow, retiring dean of the University of Utah School of Medicine, by the students of the medical association of the university on May 24. Professor L. L. Daines acted as toastmaster. Dr. Snow, who will be succeeded as dean by Dr. Ralph O. Porter, of Logan, Utah, will make a tour of the eastern medical schools.

THE silver loving cup, given by the Detroit Local Section of The American Society of Mechanical Engineers to the Associated Technical Societies of Detroit to be presented to the winner of the civic welfare papers contest, was won by Frank Burton, commissioner of buildings and safety engineering for the city of Detroit. The prize-winning paper was on "The fundamentals of city zoning."

GEORGE A. STETSON, assistant professor of mechanical engineering at Yale University, and for the past four years editor of the *Transactions* of The American Society of Mechanical Engineers, has resigned both these positions to enter the wholesale coal business in Boston.

DR. HERMAN M. BIGGS, New York State commissioner of health, formerly professor of medicine in the University and Bellevue Hospital Medical School, died on June 28, of pneumonia, at the age of sixty-three.

---

## UNIVERSITY AND EDUCATIONAL NOTES

THE University of Chicago has announced a gift of \$200,000 from the Seymour Coman estate, the income to be used for "scientific research, with special reference to preventive medicine and the cause, prevention and cure of diseases."

AT the commencement exercises of Rensselaer Polytechnic Institute last week, the alumni association made initial plans for the celebration in October, 1924, of the centennial of the institute.

HERBERT S. HADLEY, formerly governor of Missouri, has been elected president of the University of Missouri, to succeed Dr. Frederic A. Hall.