

to biological societies, foundations and individuals who wish to send such sets to one or more of the above South American institutions. The Union of American Biological Societies, at a recent meeting, approved the above plan.

"Organizations or individuals interested in this plan can secure a list of the South American institutions from Dr. John E. Flynn, University of Pennsylvania, Philadelphia. I think such action on our part would certainly constitute one of the many seeds that will sprout into international good will, understanding and respect, so necessary for our mutual peace and freedom."

THE GEOLOGICAL SOCIETY OF AMERICA

THE fifty-third annual meeting of the Geological Society of America was held at the University of Texas on December 26, 27 and 28.

More than seven hundred geologists, mineralogists and paleontologists registered. Eighty-five titles were listed on the program of the scientific sessions. The Mineralogical Society of America and the Paleontological Society, holding their twenty-first and thirty-second meetings, presented thirty-two papers and thirty-eight papers, respectively.

Professor Eliot Blackwelder, of Stanford University, retiring as president of the Geological Society, addressed the combined societies on the evening of December 26. His address was entitled "Science and the Human Prospects." On Thursday morning, December 26, Professor Carl O. Dunbar, of Yale University, retiring as president of the Paleontological Society, delivered an address on "The Permian Faunas: a Study in Facies." On Friday morning Dr. W. F. Foshag, of the U. S. National Museum, retiring president of the Mineralogical Society, spoke on "Problems in the Study of Meteorites."

The annual dinner was held on December 27. Dr. Nelson Horatio Darton, of the United States Geological Survey, was awarded the Penrose Medal of The Geological Society of America following a presentation address by Professor Douglas Johnson, of Columbia University, vice-president and member of the Medal Award Committee. At the close of the dinner program a fifteen-minute address by Past-president Charles K. Leith was brought to the banquet room from Washington by radio through the cooperation of the National Broadcasting Company. Professor Leith's subject was "Strategic Minerals in War and Peace."

Officers of the society for the year 1941 were elected as follows:

President, Charles P. Berkey.

Past-president, Eliot Blackwelder.

Vice-presidents, George S. Hume, Douglas Johnson, Raymond C. Moore, William F. Foshag.

Secretary, H. R. Aldrich.

Treasurer, Edward B. Mathews.

Councilors, Joseph Stanley-Brown, A. F. Buddington, B. S. Butler, Charles H. Behre, Jr., Kirk Bryan, Carl O. Dunbar, Charles E. Weaver, E. L. DeGolyer, William W. Rubey.

RECENT DEATHS AND MEMORIALS

DR. DAVID HILT TENNENT, research professor of biology at Bryn Mawr College, died on January 14 in his sixty-eighth year.

DR. PAUL NICHOLAS LEECH, director of the division of drugs, foods and physical chemistry of the American Medical Association, died on January 14 at the age of fifty-one years.

REAR ADMIRAL WILLIAM CLARENCE BRAISTED died on January 17 at the age of seventy-six years. From 1914 to 1921 he was surgeon general of the United States Navy and chief of the Bureau of Medicine and Surgery.

CARLETON ELLIS, research chemist and inventor, died on January 13. He was sixty-four years old.

HENRY GOLDMARK, of Nyack, N. Y., a civil engineer, who designed and supervised the construction of lock gates for the Panama Canal as a member of the staff of General George W. Goethals from 1906 to 1914, died on January 15 as the result of injuries received when he was struck by an automobile. He was eighty-three years old.

CLINTON A. LUDWIG, associate plant physiologist of the Division of Soil Microbiology of the Bureau of Plant Industry, U. S. Department of Agriculture, died on January 7 at the age of fifty-four years.

DR. EDWARD JOHN VON KOMOROWSKI MENGE, lecturer in biology at the College of St. Francis, from 1935 to 1937 head of the department of biology at the college, died on January 8, at the age of fifty-eight years.

SALVADOR HOSPITAL, Santiago, Chile, dedicated on November 7 a new wing in honor of the late Dr. Harvey Cushing. A full-length portrait of Dr. Cushing was unveiled by United States Ambassador Claude G. Bowers. The president of Chile, the minister of health and other officials were present.

It is reported in the *Journal* of the American Medical Association that the Milwaukee Sanitarium at Wauwatosa has named its twentieth building the Billings House and has dedicated it in honor of the late Dr. Frank Billings of Chicago, who for twenty-five years was a director of the sanitarium.

A BUST of Hippocrates has been given to the Division of Medical History and Bibliography of the Medical School of the University of California by Dr. Pan S. Codellas and other members of the Greek colony of San Francisco. Formal presentation was made at exercises commemorating the birth of Hippocrates

over which Dean Emeritus Langley Porter presided. Speakers on this occasion were Drs. William Dock and Frederick Reichert, of the School of Medicine of Stanford University, and Drs. William J. Kerr, Chauncey D. Leake, John B. Saunders, Salvatore P.

Lucia and Pan S. Codellas, of the School of Medicine of the University of California. The bust has been placed in the Crummer Room, which houses a valuable collection of books and other material on the history of medicine.

SCIENTIFIC NOTES AND NEWS

AT the eighty-eighth annual meeting of the American Society of Civil Engineers, which was held in New York on January 15, 16 and 17, the John Fritz Medal was presented to Ralph Budd, president of the Chicago, Burlington and Quincy Railroad, in recognition of his contributions in applied science. Mr. Budd, a member of the Advisory Commission of the Council of National Defense in charge of transportation, has been a railroad administrator for many years. The presentation was made by William Henry Harrison, past-president of the American Institute of Electrical Engineers and chairman of the John Fritz Medal Board. Honorary membership in the society was conferred on five engineers, including Dr. Charles P. Berkey, Newberry professor of geology emeritus of Columbia University. Dr. Berkey is the first geologist to be so honored. The award was made for his work in co-operation with engineers on the foundations of the George Washington Bridge, on the Midtown Tunnel and on the aqueducts of the water supply system of New York City.

THE Roebling medal of the Mineralogical Society of America, which was awarded to Dr. L. J. Spencer, of the British Museum of Natural History, London, as Dr. Spencer was unable to be present, was received by the British consul at the Austin meeting of the society. The presentation was made by Professor A. N. Winchell, of the University of Wisconsin.

THE 1940 Lawrence Sperry award of the Institute of Aeronautical Science, made annually for "a notable contribution by a young man to aeronautics," will be presented on January 28 to Dr. Bailey Oswald, chief of the aerodynamics group of the Douglas Aircraft Company, in recognition of "his analytical studies in aerodynamics which have facilitated the accurate design and economical operation of airplanes." Dr. Louis H. Bauer, editor-in-chief of the *Journal of Aviation Medicine*, has been chosen as the first recipient of the John Jeffries Award for a contribution in the field of medicine to aviation. The awards will be presented at a dinner to be given in New York on January 28.

A COMMEMORATIVE booklet has been issued in honor of Dr. Edward A. Birge, president-emeritus of the University of Wisconsin, previously professor of zoology and dean of the College of Letters and Sci-

ence. This includes the addresses given at the dinner held on his ninetieth birthday last September in connection with the symposium on hydrobiology. The symposium, which was recently published by the University Press, is in recognition of his "contributions to the science of limnology" and has as a frontispiece an autographed portrait of Dr. Birge.

PROFESSOR HARRISON M. RANDALL, chairman of the department of physics of the University of Michigan, on reaching the age of seventy years, has retired after serving the university for forty years. In honor of his significant contributions to the science and the teaching of physics at the university, the regents have directed that East Physics Hall be known as the Harrison M. Randall Laboratory of Physics. Dr. Randall has been appointed Henry Russel lecturer at the university for 1940-41. This award goes to the faculty member judged to have attained the highest scholastic distinction during the year.

ACCORDING to a wireless dispatch to *The New York Times*, Dr. Paul Langevin, formerly professor of experimental physics at the Collège de France, who had been detained in the Cherché Midi prison in Paris, has received an honor parole. His release was ordered for reasons of health. Professor Langevin was deprived of his professorship because of his political activities.

THE degree of doctor of science *honoris causa* has been conferred by the University of Manchester on Hans Renold in recognition of his services to engineering, including the invention of the precision chain.

THE council of the Royal Horticultural Society, London, has awarded the Victoria medal of honor for 1940 to Major F. C. Stern. The Veitch Memorial gold medal has been awarded, on his retirement, to T. Hay, superintendent of the royal parks, and the Loder rhododendron cup to Dr. J. Hutchinson, of the Royal Botanic Gardens, Kew.

Nature states that the administrators of the Beilby Memorial Fund have announced an award of a hundred guineas to Dr. Frederick Measham Lea, principal scientific officer of the Building Research Station of the British Department of Scientific and Industrial Research, in recognition of his researches on the constitution of silicate systems and the chemistry of cement in its physico-chemical aspects.