

an obelisk, from the upper part of which the features of Moissan emerge from the solid stone, while on the side are sculptured diagrammatic representations of his electric furnace and of the apparatus with the help of which he isolated fluorine, with quotations from his writings. Discourses were delivered under the direction of Professor Behal, representing the minister of public instruction. The first three were by the president of the organizing committee, by the mayor of Meaux, and by the president of the old students' association of the College of Meaux; the others were by M. Lebeau, the assistant and colleague of Moissan, representing the friends and students who had worked in Moissan's laboratory, by Professor Hönigschmid, of Munich, who was a former student of Moissan, on behalf of the foreign delegates and by Professor Behal on behalf of the government.

#### RECENT DEATHS

DR. SAMUEL RAYMONDS PARSONS, professor of physics at the University of Arkansas for the last eight years, died on October 10. He was forty-three years of age.

DR. JAMES SIMPSON CHESTER WILLS, metallurgical engineer, at one time adjunct professor of analytical

chemistry at Columbia University, died on October 29, aged eighty years.

DR. SAMUEL MATHER, pioneer in the development of the iron mining and steel industries and the Great Lakes shipping fleets, has died at the age of eighty years.

DR. JOHN J. DUNPHY, specialist in pediatrics and instructor of pediatrics at the Harvard Medical School and Tufts Medical School, died on October 13 at the age of thirty-eight years.

MR. JAMES LONG, formerly professor of dairy farming at the Royal Agricultural College in Cirencester, died on October 1. Mr. Long was eighty-five years of age.

MR. J. W. TAYLOR, of Leeds, England, known for his work on conchology, died on September 2 at the age of eighty-seven years.

THE death is announced of Dr. Josef Bayer, director of the division of anthropology and prehistory in the State Museum of Natural History in Vienna, and editor of the journal *Eiszeit*.

PROFESSOR GUIDO HOLZKNECHT, head of the Vienna Roentgen Institute, died on October 30 at the age of sixty years.

## SCIENTIFIC EVENTS

#### APPROPRIATIONS FOR GRANTS-IN-AID BY THE NATIONAL RESEARCH COUNCIL

AT its meeting in October the National Research Council's committee on grants-in-aid made grants for the support of research as follows:

To Thomas B. Brown, professor of physics, George Washington University, cathodofluorescence; E. Hobart Collins, professor of physics, Parsons College, the resonance radiation of mercury.

To H. F. Moore, professor of engineering materials, University of Illinois, the effect of repeated stresses on nickel-chromium steels under high temperatures.

To W. L. Beuschlein, professor of chemical engineering, University of Washington, the hydrogenation of coal in various dispersion media; Richard Bradfield, professor of soils, and W. G. France, professor of chemistry, Ohio State University, size distribution in soil particles; Samuel C. Lind, director of the school of chemistry, University of Minnesota, the chemical reactions produced in gases and other dielectrics by passage of electrical discharge; James W. McBain, professor of chemistry, Stanford University, development of an ultra-centrifuge.

To Harold L. Alling, professor of geology, University of Rochester, the optical properties of feldspars; Julia Gardner, geologist, U. S. Geological Survey, Eocene faunas of northern Mexico; Elbridge C.

Jacobs, professor of geology and mineralogy, University of Vermont, installation of a seismograph at the University of Vermont; E. M. Kindle, chief, division of paleontology, Geological Survey of Canada, a bibliographic index of North American Devonian fossils; Asa A. Lee Mathews, assistant professor of geology, Oberlin College, Paleozoic stratigraphy and paleontology of Giles County, Virginia; Joseph T. Singewald, Jr., professor of economic geology, the Johns Hopkins University, petrographic investigations of rock specimens from the Andes of central Peru.

To J. McA. Kater, assistant professor of zoology, Washington State College, the functional significance of mitochondria; Reginald D. Manwell, assistant professor of zoology, Syracuse University, avian malaria; W. D. Salmon, research professor of animal nutrition, Alabama Polytechnic Institute, the relation of vitamin B to carbohydrate metabolism; Bruce Webster, assistant professor of medicine, Tulane University School of Medicine, the nature of a goiter-producing substance found in cabbages.

To Alan A. Boyden, assistant professor of zoology, Rutgers University, serological study of the early development of the chick; E. B. Copeland, research associate in the department of botany, University of California, the Old World species of the fern genus *Trichomanes*; Berwind P. Kaufmann, professor of