

since 1881 professor of paleontology and geology in the Philadelphia Academy of Natural Sciences and had recently been appointed lecturer on physical geography at Yale University.

DR. AUGUST DUPRÉ, F.R.S., chemical adviser to the explosive department of the Home Office of the British government, and the author of papers on chemical and other scientific subjects, died on July 16. He was born in Maintz in 1835, and went to London in 1855.

ADMIRAL JOHN MACLEAR, of the British navy, commander of the *Challenger* on its scientific voyage from 1872-6 and captain of the *Alert*, and the *Flying Fish*, with which much important hydrographic work was done, died at Niagara Falls on July 17, at the age of sixty-nine years. He was the son of Sir T. Maclear, formerly astronomer royal at the Cape of Good Hope. His wife was a daughter of Sir John Herschel.

PROFESSOR HEINRICH KREUTZ, associate professor of astronomy at Kiel and editor of the *Astronomische Nachrichten*, died on July 16.

PROFESSOR J. J. GRANCHER, an eminent French physician, known especially for his efforts to combat tuberculosis, has died at the age of sixty-four years.

M. ANDRÉ PROSPER PAUL CROVA, professor of physics at Montpellier and known for his researches on radiation and other subjects, has died at the age of seventy-four years.

THE French government has recommended a grant of \$60,000 for a French expedition to the antarctic regions.

By the will of the late Mr. Mark Stirrup Manchester University has received specimens of volcanic rocks and fossils; £1,000 for the maintenance of a geological and paleontological collection and £1,500 for the foundation of a paleontological scholarship.

A TELEGRAM has been received at Harvard College Observatory from Professor Percival Lowell, director of the Lowell Observatory, stating "Martian double canal Gihon photographed double by Lampland and also by me."

Nature states that a small exhibition of scientific apparatus, mostly for chemistry and

physics, is being arranged by Mr. R. E. Thwaites, of Wyggeston Grammar School, in connection with the meeting of the British Association, which opened this week at Leicester.

UNIVERSITY AND EDUCATIONAL NEWS

DR. GEO. L. STREETER, associate professor of neurology at the Wistar Institute of Anatomy, Philadelphia, has been elected professor of anatomy at the University of Michigan.

DR. J. HEATH BAWDEN, of Vassar College, has accepted the professorship of philosophy at the University of Cincinnati.

DR. R. P. STEPHENS, instructor in mathematics in Wesleyan University, has been elected adjunct professor of mathematics in the University of Georgia. Mr. Berton H. Camp has been appointed instructor in mathematics in Wesleyan University.

APPOINTMENTS at Syracuse University have been made as follows: Joseph E. Kirkwood, professor of botany; W. M. Smallwood, professor of comparative anatomy; Charles G. Rogers, associate professor of physiology; C. H. Richardson, associate professor of geology and mineralogy; Daniel Pratt, assistant professor of mathematics; Herbert A. Clark, assistant professor of physics; Howard F. Hart, instructor in mathematics; Roger F. Brinell, instructor in chemistry; Burnett Smith, instructor in geology; George D. Babcock, professor of practical mechanics; Forrest E. Cardullo, associate professor of machine design; Carl H. Beach, assistant professor of machine design; James B. Faulks, associate professor of experimental engineering; Dr. Harold D. Senior, professor of anatomy and director of the anatomical laboratory; Dr. L. D. Bristol, instructor in pathology and bacteriology.

MR. J. W. BEWS has been appointed to a newly-established lectureship of economic botany at Manchester.

DR. F. R. NOLL, of the Agricultural Academy at Poppelsdorff, has been made professor of botany at Halle, and Dr. Gerhard Hassenberg acting professor at Poppelsdorff.