

degree on two students. Since then the school has grown steadily, and at commencement last June it granted 131 degrees. The faculty has grown from the original three professors to a present teaching staff of over one hundred and thirty members.

RECENT DEATHS

DR. E. N. LOWE, director of the Mississippi State Geological Survey since 1909, and professor of geology at the University of Mississippi since 1924, died on September 12, at the age of sixty-nine years.

THE death is announced on September 4 of Dr. John Playfair, a past president of the Royal College of Physicians of Edinburgh, and consulting physician to the Royal Hospital for Sick Children.

A CORRESPONDENT writes: "Herman Paul Sachse, who had devoted his life to the design and production of scientific instruments, died August 12, 1933, at the age of fifty-three years. Mr. Sachse, who was born in Germany, first entered the scientific instrument industry as an apprentice in the Zeiss Op-

tical Works in Jena. In 1911 he came to America to accept a position as superintendent in the plant of Eugene Dietzgen Company in Chicago. His skill in the testing and inspection of optical instruments later opened an opportunity to enter the employ of the Bausch and Lomb Optical Company in Rochester, as general inspector. In 1918 his services were secured by the Central Scientific Company for the making of optical devices for the control of gun fire in the war. At its close he assumed full charge of the production of scientific instruments and laboratory apparatus in the factory of this company, first as factory superintendent and later as factory manager. Mr. Sachse's unusual ability as an apparatus and instrument designer, his intimate knowledge of manufacturing processes and his well-developed artistic sense enabled him to develop instruments of precision which could be produced economically in the small quantities in which such products are made, but still of the perfect proportions and pleasing appearance that really fine instruments justify."

SCIENTIFIC NOTES AND NEWS

SIR WILLIAM BATE HARDY, fellow of Gonville and Caius College, Cambridge, and director of Food Investigation at the Department of Scientific and Industrial Research, has been nominated as president of the British Association for the Advancement of Science for next year when the meeting is to be held at Aberdeen.

DR. HERMAN SCHLUNDT, professor of physical chemistry and since 1911 chairman of the department of chemistry at the University of Missouri, is suffering from a severe attack of encephalitis lethargica.

PRESIDENT ROBERT G. SPROUL, of the University of California, calls attention to the fact that the award of the Langmuir Prize by the American Chemical Society to Dr. Frank H. Spedding, instructor in chemistry, is the third in succession that has been made to instructors or graduates of the university. The first award was made to Dr. Linus Pauling, lecturer in chemistry, and the second to Dr. Oscar K. Rice, Ph.D. (California, '26), now at Harvard.

PROFESSOR DOUGLAS JOHNSON, of Columbia University, has been decorated by King Alexander I of Yugoslavia with the Order of Saint Sava, Second Class, with Star. The presentation was made in New York City by the consul general of Yugoslavia.

DR. OTTO RENNERT, professor of botany at Jena, has been elected a member of the Saxon Academy of Sciences.

HONORARY doctorates have recently been conferred by the Agricultural Institute at Vienna on Dr. Otto

Appel, director of the Biological Institute for Agriculture and Forestry, Berlin; on Dr. Hans Molisch, professor of plant anatomy and physiology at Vienna, and on Dr. Christoph Wagner, professor of forestry at Freiburg i. Br.

DR. WALTER A. COOK has been appointed head of the department of chemistry at the University of Akron, to succeed H. E. Simmons, who has been elected president of the institution. Dr. Cook has been connected with the department of chemistry at the University of Akron for the past seven years. Dr. Howard I. Cramer, research chemist with the Goodyear Tire and Rubber Company, has been appointed to take charge of classes in rubber chemistry and inorganic chemistry at the university.

DR. GEORGE STEPHEN JOHNSON, professor of psychiatry at the University of Colorado Medical School and director of the work of the Colorado Psychopathic Hospital, has been appointed professor of neuropsychiatry at the Stanford Medical School. Dr. Johnson will carry on the work of the late Dr. H. G. Mearns, who died on February 28.

DR. G. C. CHANDLER, head of the department of chemistry at the Pennsylvania State College, will act as dean of the Graduate School this year during the absence of Dean F. D. Kern, who will be acting dean of the College of Agriculture and Mechanic Arts of the University of Puerto Rico.

IN the issue of SCIENCE for September 15, it was stated that Dr. Harry M. Zimmerman had been ap-