

scale the tyrannical follies of a century ago seems too incredible for belief. Now as before she has impoverished her own intellectual and spiritual resources with the corresponding enrichment of other countries.

According to an editorial statement in *The New York Times* of August 13, 1939, "all told, about 1,700 eminent professors of science and philosophy have been forced to leave Germany and begin life anew in other countries. These 1,700 are the victims of cruelty and blindness unprecedented in the history of thought." It

is hoped that in spite of this persecution there still burns in the breasts of German scientists and scholars a goodly portion of the flaming reaction against tyranny that fired the hearts a century ago of the famous "Göttinger Sieben" and of the thousands of noble youths who, although losing their battle at home for intellectual freedom, found what they desired in another land. In view of what these exiles accomplished it can truthfully be said—"They builded better than they knew."

OBITUARY

JACOB ELRY METZGER

JACOB ELRY METZGER, director of the Maryland Agricultural Experiment Station, died of coronary thrombosis on December 25, 1939, at the Good Samaritan Hospital in West Palm Beach, Florida.

Although he had been in poor health for about a month, his condition was not considered serious. However, he decided to spend a month in rest and vacation and on December 19, accompanied by Mrs. Metzger, left for Lake Worth, Florida. Almost immediately upon arrival his condition became so serious that he was taken to the hospital, where death came early on Christmas morning.

Director Metzger was born on a farm near New Enterprise, Bedford County, Pennsylvania, on July 30, 1882. His early scholastic training was secured in the public and normal schools of his home county and in the preparatory department of the Pennsylvania State College. He received the degree of bachelor of science from the latter institution in 1911, and in 1924 was granted the master of arts degree by Johns Hopkins University.

Director Metzger began his career as an educator prior to entering college, when he was a teacher and principal in the public schools of his home county. For a number of years after graduation, his activities were associated with the public schools. Starting with the organization of the agricultural work in the high school at Fergus Falls, Minnesota, he remained in charge of that work until 1914, when he joined the faculty of the Maryland Agricultural College, now the University of Maryland. His first work at that institution was to organize a department of agricultural education and the summer school, of which he was the director for four years. During the same period, he served as supervisor of agriculture in the high schools of Maryland under the State Department of Education.

In 1917, Director Metzger became identified exclusively with the teaching and research of the University of Maryland. At that time he was made head of the

department of agronomy and agronomist in the Agricultural Experiment Station, which positions he held until his death. Other positions held by him later included: acting dean of the College of Agriculture during the absence of the dean in 1924-25; assistant director of the Agricultural Experiment Station 1929-37; acting director from 1937 until he was made director in 1939.

During the years of his connection with the University of Maryland, he represented the institution and state in many national capacities, such as membership on the Corn Judging Committee of the International Grain and Hay Show, and as a representative of the United States at the One-Hundredth Anniversary of Natural Nitrates, held at Santiago, Chile, in 1930.

Director Metzger was a fellow of the American Association for the Advancement of Science, and a member of the American Society of Agronomy and of the Academy of Political and Social Sciences. He held membership in the Sigma Phi Sigma social fraternity, and in Phi Kappa Phi, Sigma Xi and Gamma Sigma Delta, honorary fraternities. He was a past president of the Prince George's County Kiwanis Club and a member of Mt. Hermon Lodge of Masons.

Although Director Metzger's special field of activities was farm crops, his wide general interest in agriculture is evident from the subject matter included in the many bulletins and scientific articles prepared by him and his associates. Probably his greatest contribution to Maryland agriculture resulted from his practical grasp of problems in their various phases and his ability to coordinate the work of different departments in the experiment station in such manner as to secure effective solutions. He was very widely known throughout the state and his counsel was sought at agricultural meetings of all kinds.

In 1912, Director Metzger was married to Jane R. Butts, of New Enterprise, Pa., who survives. In addition to his widow, he is survived by a brother Dr. Irvin D. Metzger, of Pittsburgh, Pa., chairman of the State Medical Board, and three sisters, Mrs. Ira

Kegarise, Mrs. Elry Furry, both of New Enterprise, Pa. and Mrs. Arch Furry, of Johnstown, Pa. Three brothers preceded him in death.

T. B. SYMONS

DEPARTMENT OF AGRONOMY,
UNIVERSITY OF MARYLAND

RECENT DEATHS AND MEMORIALS

DR. HERBERT V. NEAL, who retired in 1938 as professor of zoology and dean of the Graduate School of Tufts College, was killed in an automobile accident on February 21. He was seventy years old.

DR. WILLIAM CONGER MORGAN, professor of chemistry and chairman of the department at the University of California at Los Angeles, died on February 9. He was in his sixty-sixth year.

DR. HORACE T. MANN, associate professor of petroleum engineering at the Massachusetts Institute of Technology, died on February 8 in his fifty-ninth year.

DR. ULYSSES S. HANNA, professor emeritus of mathematics at Indiana University, for forty-two years a member of the department, died on February 18 at the age of seventy-five years.

ERNEST ALBERT HOWES, dean of the College of Agriculture at the University of Alberta, died on February 10 at the age of sixty-seven years. He was a former member of the Canadian Department of Agriculture in Ottawa and had been professor of agronomy for a year at the University of Nevada.

DR. FRIEDRICH EMICH, professor emeritus of the Polytechnique Institute of Graz, Austria, the originator of modern microchemistry, died on January 22 at the age of seventy-nine years.

DR. ARVID GUSTAF HÖGBOM, professor emeritus of geology at Upsala University, died on January 19, at the age of eighty-four years. He was a correspondent

of the Geological Society of America and an honorary member of the geological societies of Vienna and Frankfurt a. Main, and of the Geographical Society of Finland.

A CORRESPONDENT writes: Notice has just been received from Dr. A. E. Fersman, of Moscow, of the death in Leningrad on October 25, in his eightieth year, of Professor Franz J. Loewinson-Lessing, member of the Academy of Sciences, USSR, and director of its Petrographical Institute, correspondent of the Geological Society of America, honorary member of the Geological Societies of London, Brussels and Liège. Professor Loewinson-Lessing, geological leader of Russian scientific men for many generations, was founder of the Petrographical Institute of the Academy of Sciences, USSR, author of more than two hundred scientific works, and was widely known for his chemical classification of rocks and a series of text-books on geology and petrography.

A PORTRAIT of the late Dr. T. Wingate Todd, professor of anatomy at Western Reserve University School of Medicine, Cleveland, was recently presented to the library of the department of anatomy by the Charles Bolton Fund. Birdsill Holly Broadbent, director of the fund, made the presentation on Dr. Todd's birthday, January 15, and President Winfred G. Leutner accepted it. The portrait was painted by Dr. Erich von Baeyer, fellow in röntgenology at University Hospital.

Nature states that in memory of the late Professor V. R. Williams, the Russian authority on soils, the Timiryazev Agricultural Academy in Moscow has founded three annual prizes to be awarded for the best work on soil study and cultivation. The first prize is of 5,000 roubles, the second of 3,000 roubles and the third of 1,500 roubles. The Commissariat of Agriculture is preparing for publication a complete collection of the works of Professor Williams.

SCIENTIFIC EVENTS

SCIENTIFIC COLLABORATION BETWEEN GREAT BRITAIN AND FRANCE

THE issue of *Nature* for February 3 gives an account of the visit of French scientific men to Great Britain. It says that there was a delegation from the Centre National de la Recherche Scientifique, the director of which, Professor H. Longchambon, was at the head. The other members of the delegation were: M. M. Fréchet, professor of mathematics at the Sorbonne; M. G. Darmon, professor of mathematics at the Sorbonne; M. F. Joliot, professor of physics at the Sorbonne; M. P. Auger, professor of physical chemistry at the Sorbonne; M. C. Sadron, professor of building

legislation at the Ecole Nationale Supérieure des Beaux-Arts, Strasbourg; M. G. Dupont, professor of theoretical chemistry at the Sorbonne; M. Denivelle, professor of chemistry at the Ecole Supérieure de Chimie at Mulhouse; M. A. Mayer, professor of medicine at the Collège de France; M. L. Blaringhem, professor of botany at the Sorbonne; M. P. Chouard, professor of agriculture at the Conservatoire National des Arts et Métiers; M. P. Langevin, professor of experimental physics at the Collège de France; Dr. P. Montel, professor of mathematics at the Sorbonne.

Lord Chatfield spoke recently in the House of Lords on the exchange of information and extension of the