

his death, his last active field season having been that of 1938. In addition, he had served in a similar capacity on the state surveys of Kentucky and Iowa. In 1927 he was geologist for the Allan and Garcia Coal Commission to Soviet Russia and did considerable pioneering work, especially in the Donetz coal basin.

In addition to the Stutzer-Noé Text now in press, Dr. Noé was the author of "The Fossil Flora of Northern Illinois," "The Golden Days of Soviet Russia" and "Ferns, Fossils and Fuels," as well as a number of shorter contributions. The now prominent study of "coal balls" was fathered in North America by Dr. Noé, and he and his students did much to bring it to its present position of importance. He was also an able technician, a student working under his direction having perfected the nitro-cellulose peel method for studying sections which now has such wide usage both here and abroad. Almost single-handed he assembled or obtained, through exchange, the paleobotanic specimens in the Walker Museum Collection. Thus he leaves a rich heritage of material collected on his numerous trips to coal mines in the central states, in Texas, in Mexico and in Russia. Probably more important, Dr. Noé for a number of years was essentially the only man in the New World offering complete training in paleobotany. Since, in addition, he had the ability to attract students of real promise, he leaves an active group of younger scientists who will be able to do what doubtless he himself might well have done had it not been for the quarter century Germanic literature hiatus in his scientific career.

In spite of the fact that his untimely death found him, like all good scientists, intensely dissatisfied with his own accomplishments, his worth was well appreciated in many quarters. He received the Sc.D. from Innsbruck in 1922 and, in 1923, the honorary Ph.D. from Gratz, as well as the gold medal of the University of Vienna. He was a member of the Société Géologique de France, the Geological Society of Mexico, and a fellow of the Geological Society of America as well as of the American Association for the Advancement of Science. He was vice-president of the Paleontological Society in 1931, and the same year held similar office in the Illinois Academy of Science. In 1927 he was chairman of the Chicago Section of the American Institute of Mining and Metallurgical Engineers, and in 1937 he was chairman of the Paleobotanical Section of the Botanical Society of America. In 1934 he became a research associate of the Field Museum and was responsible for the technical direction in the preparation of the museum's great reconstruction of a Carboniferous forest.

Dr. Noé engaged in many extra-curricular activities. He was an enthusiastic horseman, a redoubtable fencer and an expert marksman. For many years he coached

the Chicago fencing team and was the instructor of the Rifle Club which he helped to organize. In 1921 Dr. Noé served as treasurer of the American Commission for Vienna Relief so successfully that the grateful nation bestowed upon him the Officers Cross of the Order of the Austrian Republic. Tall and distinguished, of noble birth, Dr. Noé was, in his joviality and innate kindness, kin to all mankind. He was as much at home with a simple coal miner as at the banquet tables of the great and near great. His fame as a raconteur was wide-spread, and his lectures, commonly illustrated with colored slides of his own manufacture, were in constant demand. That such a lovable character out of the "old school" will be keenly missed and kindly remembered, in many circles in addition to the scientific, is a poor understatement. His good friends were legion. They ranged from eight to eighty, from the impoverished to the affluent, from the uneducated to intellectuals.

Dr. Noé is survived by his wife and his daughters Valerie Noé and Mary Helen Noé Mulliken, wife of Professor Robert S. Mulliken, of the department of physics, University of Chicago.

CAREY CRONEIS

WALKER MUSEUM

RECENT DEATHS AND MEMORIALS

DR. CHARLES SUMNER HOWE, president emeritus of the Case School of Applied Science, Cleveland, died on April 18 at the age of eighty years.

DR. JACOB GOODALE LIPMAN, professor of agriculture at Rutgers University, dean of the College of Agriculture and director of the New Jersey State Agricultural Experiment Station, died on April 19 at the age of sixty-four years.

DR. THOMAS R. GARTH, since 1930 professor of experimental psychology at the University of Denver, died on April 20 at the age of sixty-seven years.

PROFESSOR HENRY BISSELL ALVORD, head of the department of civil engineering at Northeastern University, died on April 20. He was fifty-three years of age.

DR. CLARENCE FLOYD HIRSHFELD, chief of research of the Detroit Edison Company, died on April 19. He was fifty-eight years of age.

A PORTRAIT of the late Dr. William A. White, formerly superintendent of St. Elizabeths Hospital, Washington, has been presented to the hospital by the Rev. U. G. B. Pierce, president of the board of visitors, on behalf of Dr. White's friends and associates. Mrs. White has given to the hospital Dr. White's library relating to psychiatry and the general field of medical sciences.