

## NECROLOGY

### CHARLES OTTO MASTERS (1913-1975)

Charles Otto Masters was born August 17, 1913 at Johnstown, Pennsylvania. He earned a B.S. degree in aquatic biology at Western Reserve University and completed his M.A. degree there in 1940. His special interests were aquatic ecology and plant physiology, particularly freshwater biology as it related to water pollution. He published "A Field Guide to the Inhabitants of Temporary Ponds" and "Encyclopedia of Live Foods". In addition, he published some 200 brief articles over many years time. Many of them appeared in the *Ohio Conservation Bulletin*, the *Ohio Journal of Science*, *Mosquito News*, *Aquarium Magazine*, and *Pest Control*.

He was in military service between 1942-1945, serving for 3 years in India where he was engaged in malaria surveys. For a period of time he was engaged in private sales of laboratory equipment. Later, he was the Public Health Sanitarian for Licking and Knox counties in Ohio. Eventually, he became chief biologist for the Erie County Health Department at Buffalo, New York.

He was a member of the National Association of Sanitarians, the Ohio Association of Public Health Sanitarians, the Buffalo Society of Natural Science, and the North American Benthological Society, as well as the Ohio Academy of Science.

He died November 10, 1975 and is buried at Cleveland, Ohio. He is survived by his widow Lois and a son Timothy.

### DAVID FRANKLIN MILLER (1892-1976)

David Franklin Miller was born in 1892 in Greenfield, Ohio, and died at the age of 83 on September 22, 1976 at University Hospital in Columbus. After attending Denison University in 1913, he graduated from Wittenberg University in 1917, where he served as an assistant in the Department of Zoology. Between 1919-1922 he was Professor of Biology at Kingfisher University in Oklahoma. In 1922 he began graduate work at the Ohio State University in the Department of Zoology and Entomology where he received his M.A. degree in 1924 and his Ph.D. degree 4 years later. He was appointed a member of the department of Zoology and Entomology where he remained for the rest of his career. Wittenberg University bestowed upon him an honorary degree of Doctor of Science in 1952.

He served as chairman of the department of Zoology and Entomology at the Ohio State University from 1947 until 1962, and was chairman of the Ohio Agricultural Research and Development Center at the Ohio Agricultural Experiment Station in Wooster until he retired in 1963 with the title of Professor Emeritus. He authored four books and numerous articles, especially in the field of science education.

Beside membership in the Ohio Academy of Science, he was a member of the American Association for the Advancement of Science, American Society of Zoologists, Entomological Society of America, and the National Association of Biology Teachers. He was also a member of Sigma Xi and Gamma Sigma Delta. In addition to his interest in entomology, he was active in the Wheaton Bird Club of Columbus and in the Masons. He is survived by a son, David L., and one grandson, David Jon.

### RENDELL RHOADES (1914-1976)

Rendell Rhoades was born March 1, 1914 in Highland County, Ohio, and died September 26, 1976 at the age of 62. He received both a B.A. degree and a B.S. in Education degree from Wilmington College. His M.S. degree and his Ph.D. degree were awarded by the Ohio State University.

He served in many professional capacities. At one time or another he was a fisheries technician for the Ohio Division of Wildlife, professor and chairman of the Department of Earth Science at Wilmington College, Curator of Collections for the Cleveland Museum of Natural History, consultant on Crustacea for the Tennessee Valley Authority, research associate at the Franz Theodore Stone Laboratory, technical representative for the Dow Chemical Company, special investigator and staff writer for the Ohio Division of Wildlife, consultant for the Battelle Memorial Institute, and consultant on aquatic life for Burgess and Niple. In 1972 he joined the faculty of Ashland College as professor of biology and chairman of the Biology Department and served as director of the Science Division from 1972 until his death.

He was a specialist on crayfish and was internationally known for his work on that group. He traveled widely in connection with his research and his service as a consultant. He carried out special studies at the Royal Botanical Gardens in Kew, England, was a guest observer for the Norwegian Whaling Association at Sandefjord, Norway, and was a biologist for the Cleveland Museum of Natural History Patagonian and Tierra del Fuego expeditions in 1952 and 1968.

He published numerous articles in science publications. He also published on his hobbies, which consisted of studies on medieval and renaissance natural history literature, local history, and humor. He authored a book entitled "Leesburg—A Peaceable Town" for the bicentennial celebra-

tion and has assembled material on the history of Ashland College. Through his hobby on postal matters, he served as postal consultant for the United States Post Office Department, and he was an active gardener.

In connection with the Ohio Academy of Science, he served as University Councilman for the Mohican District of the Junior Academy of Science. He also served on the board of the Ashland County Historical Society, and was a trustee for the First Presbyterian Church. He was a member of Sigma Xi and a life member of the Ohio Historical Society. He is survived by his widow, Nancy Lybarger Rhoades.

### DAVID EDWIN RICHARDS (1940-1976)

David Edwin Richards, M.D., was born in Cleveland on July 29, 1940. He graduated from Yale University with a B.A. degree in 1963 and earned his M.D. degree at Case Western Reserve University in 1967. The ensuing year was spent as an intern in surgery at University Hospitals in Cleveland at the end of which he was licensed by the State of Ohio. The next four years he was a resident in neurosurgery at the same institutions. He then studied psychology at Hofstra University in Hempstead, New York. During that year he was in military service as chief of neurosurgery at the Naval Hospital at St. Albans in New York.

In 1973 he was appointed assistant professor at the University Hospitals of Cleveland in the Department of Surgery (neurosurgery), associate neurosurgeon at the Case Western Reserve School of Medicine, and assistant neurosurgeon for the Veterans Administration Hospital, Cleveland, OH. In 1975 he received Board Certification from the American Association of Neurological Surgeons.

In addition to the Ohio Academy of Science, he was a member of the New York Academy of Science, Society for Neuroscience, Northeastern Ohio Neurological Society, and was a founding member of the International Association for the Study of Pain.

He published, with his colleagues, 9 research papers in the *Journal of Neurosurgery*, *Surgical Forum*, *Journal of Trauma* and the *American Journal of Surgery*.

Dr. Richards died at the age of 35 on February 24, 1976 after a brief but brilliant career in neurosurgery. His research contributed to improved diagnostic methods and the management of pain. He did much of his work with children for whom he had a special regard. He is survived by his widow Nancy (Lane) Richards.

### SISTER ELIZABETH SETON (1891-1976)

Sister Elizabeth Seton (née Mary Dorothy McDonald) lived her early life in Washington Courthouse, Ohio. She attended the old Mt. St. Joseph Academy and the College. She received a masters degree from Xavier University and a doctorate degree from the University of Notre Dame. She served as a Sister of Charity for 63 years. For 4 years, beginning in 1927, she served as director of the Mt. St. Joseph Academy. In 1932, she became registrar of Mt. St. Joseph College and in 1939 became Professor of Biology and Chairman of the Department of Biology at that institution, serving until 1961.

She spent 21 summers at the Woods Hole Marine Biological Laboratory (Massachusetts) where she was a member of the corporation and carried out research in animal physiology. She published many papers, many of which were co-authored with Dr. Charles W. Wilber. For a time she served as a Library Reader at the Woods Hole Laboratory.

In 1963 she was present in Rome for the beatification of her patron, Saint Elizabeth Ann Seton. She died December 15, 1976 at the mother-house at the age of 85 in Mt. St. Joseph, Ohio. She is survived by two sisters and two brothers.

### EUGENE JOSEPH SZMUC (1927-1976)

Eugene Joseph Szmuc was born in Cleveland on June 5, 1927. Following graduation from East Technical High School he served in the U.S. Army in Berlin from 1945-1947. He earned his B.S. degree at Western Reserve University in 1951, his M.S. degree at the Ohio State University in 1953, and a Ph.D. degree in 1957.

During the summers of 1952-1956, he worked for the Ohio Geological Survey and in 1954 he worked for the United States Atomic Energy Commission at Oak Ridge, Tennessee. In 1957 he was appointed Assistant Professor of Geology at Kent State University where he remained until his untimely death on October 18, 1976.

In addition to the Ohio Academy of Science, he was a member of the Geological Society of America and the Phi Beta Kappa Society. For 3 years (1947-1976) he served as the district university chairman for the Ohio Junior Academy of Science. He is survived by his widow Ann, his parents, and a sister.