

NECROLOGY

Arthur George McQuate, 77, retired professor of Biology at Heidelberg College, Tiffin, Ohio, died October 26, 1973 at Boca Raton, Florida. He was born March 31, 1896 in Huntington, Ohio. He is survived by his wife Helen Bryenton McQuate and by one son and three daughters.

He received his B.S. degree in Biology at Denison University in 1920, his M.A. degree in Botany at the University of Michigan in 1948, and his Ph.D. degree in Botany at The Ohio State University in 1954. His doctoral dissertation, "Photosynthesis and Respiration of the Phytoplankton in Sandusky Bay," was published in *Ecology*. From 1920 to 1946 he served as General Secretary of the Young Men's Christian Association. In 1944 he began teaching in Biological Science at Heidelberg College, becoming chairman in 1951 of a one-man department which he built into a five-member department with a strong biology curriculum. In the summers of 1959-61 he taught a field course in physiology of aquatic plants at Stone Laboratory.

Dr. "Mac," as he was known to his many students, made his greatest contribution through teaching. He gave countless hours to his students in and out of the classroom, helping them through the rough aspects of college life, making them feel they were accomplishing much. He was extremely proud of his students and continued to keep in touch with them after his retirement. Many of his outstanding students whom he encouraged to continue their post-graduate education are occupying important positions in various fields of biological science. This writer was privileged to begin his career under Dr. Mac's influence. He worked with students to maintain the college biology museum and shared many other responsibilities in the college.

As a member and fellow of the Ohio Academy of Science, Dr. McQuate served as vice-president of the Plant Sciences Section in 1958 and chaired the Necrology Committee in 1959. In the Junior Academy he arranged in 1958 to form a new district with Heidelberg College as the center, which, under his direction, became one of the largest in Ohio. He participated in the organization of the Ohio Biology Teachers Conference and was its president in 1964-65. He was a member of the Botanical Society of America, American Society of Plant Physiologists, Society for Limnology and Oceanography, American Association for the Advancement of Science, American Institute of Biological Sciences, and Sigma Xi. In Tiffin he was active in community work.

After retirement from Heidelberg College he became major professor of biological science for one year at Clark College, Atlanta, Georgia. Final retirement began in 1967 when he moved to Boca Raton where he welcomed the opportunity to become acquainted with the fauna and flora of Florida.

Dr. McQuate will be remembered as a remarkable teacher with great vitality, energy, and enthusiasm. Dr. Howard Hintz, his colleague since 1951, writes of his accomplishments in a warm tribute in the Winter 1973-74 issue of the Heidelberg Alumni Magazine titled "Arthur McQuate, He Was Loved By So Many."

RONALD L. STUCKEY, *Department of Botany, The Ohio State University*

Frank G. Meserve, Professor Emeritus of Biology at Bowling Green State University since 1966, died in Venice, Florida, October 5, 1973 at the age of 77.

Dr. Meserve was born in Firth, Nebraska, August 23, 1896. He graduated from the University of Nebraska in 1921. He received a master's degree from Northwestern University in 1928 and a doctor's degree from the University of Nebraska in 1935. From 1921 to 1926 he was Professor and Head of the Biology Department at Grand Island College in Nebraska. He was at first Instructor, then Assistant Professor, of Zoology at Northwestern University from 1926 to 1934. From 1935 to 1937 he served as Professor and Head of the Biology Department at Sioux Falls College, Sioux Falls, South Dakota, and from 1937 to 1942, as Associate Professor at Macalester College, St. Paul Minnesota. He was captain in the United States Army Air Force during the years 1942 to 1945. In 1945 he joined the staff of Bowling Green State University, Bowling Green, Ohio, where he remained for 21 years, first as Assistant Professor and, from 1963 on as Professor. After his retirement in 1966 as Professor Emeritus, he moved to Florida.

He was a member of the Presbyterian Church, Sigma Xi, The American Association for the Advancement of Science, and the Society of Parasitologists. He was a member of the Zoology Section of the Ohio Academy of Science and a Fellow of the Academy.

Dr. Meserve's extensive research and numerous publications were in his field of specialization, Parasitology. He classified and named more than two dozen species of parasites. Two trematodes were named after him. He was an avid collector; his discovery of the "Meserve Point," an Indian artifact (arrowhead) in fossil remains of *Bison occidentalis*, was important in establishing the antiquity of man on the North American continent.

He is survived by his wife, Irene Clabaugh Meserve; a son Bruce, a physician at Warner Robbins, Georgia; and two daughters, Barbara Meserve Weeks of Seattle, Washington, and Eleanor Meserve McCord of Los Angeles, California.

Frank B. Notestein, an outstanding reconnaissance geologist of the petroleum industry, died at his home in Wooster, Ohio, November 30, 1973. He was born in Wooster June 26, 1885.

Dr. Notestein received the Ph.B. degree from the College of Wooster in 1908 and the Master

of Forestry degree from Yale University in 1910. In 1965 he was awarded the Sc.D. degree by the College of Wooster. The years from 1910 to 1916 he spent in the Forest Service, including a period of time when he was Resident Examiner in charge of the Fremont Forestry Station on Pikes Peak. He did graduate work in geology for a year at the University of Minnesota, and then became geologist for the Texas Company, working in several of the western states of the United States. This work took him also on one of the earliest reconnaissance expeditions for oil to the upper Amazon in Peru. From 1920 to 1926 he was with the Whitehall Petroleum Company of London, working in the eastern desert of Egypt and in India. He then spent a half year in graduate work at Columbia University, after which he returned as a geologist to the Texas Company, working in the Dominican Republic, Colombia, Venezuela, Argentina, and Chile. From 1943 to 1945 he served with the Petroleum Administration for War. After the war, until retirement, he was geological consultant with the Texas Company.

As a tropical traveler he was experienced under nearly all conditions from desert to jungle. He did mountain climbing in the Himalayas and in the Andes. During the years 1947-52 he was a member of geological expeditions to Western China, Indonesia, Arabia, Australia, and Turkey. In Western China he made the first collection of color photographs of "The Caves of the Thousand Buddhas," a set requested by the Metropolitan Museum of Art. He was a member of the Cabot Expedition to the Sierra Nevada de Santa Marta, a 19,000-foot peak on the Caribbean Coast of Colombia.

Dr. Notestein was an omnivorous reader, versed not only in his profession but in anthropology, photography, and other subjects. His interest in forestry remained throughout his life. Some of the records of his contributions are in publications, but many are in company files. He was a member of the American Association of Petroleum Geologists, of which he was district representative for South America in 1942, American Institute of Metallurgical and Mining Engineers, American Geographic Society, Society of American Foresters, The Ohio Academy of Science (Geology Section), Sigma Xi, Explorers Club, and Yale Club of New York.

Dr. Notestein was not married. He is survived by two sisters, Lucy Lilian Notestein and Margaret Wallace Notestein.

Thaddeus Hedges Parks, Extension Entomologist of The Ohio State University for 38 years, died March 31, 1971. He was born in Ashville, Ohio, February 14, 1887.

Dr. Parks received, in 1909, a bachelor's degree in Agriculture from The Ohio State University, having specialized in Entomology under Dr. Herbert Osborn. He was employed as Entomological Assistant, United States Department of Agriculture, in Mississippi and Utah, from 1909 to 1913. From 1913 to 1918 he served as Extension Entomologist, at first in the University of Idaho, where he was the first Extension Entomologist in the United States, and later in Kansas State College. He came to The Ohio State University in 1918 as its first Extension Entomologist and remained in that position until his retirement in 1956, except for a leave of absence from 1924 to 1925 while he completed requirements for his master's degree at the University of Illinois.

Dr. Parks was a pioneer in Extension Entomology, with a total of 47 years of public service. During this time he had 166 scientific publications and wrote thousands of popular articles, circulars, and bulletins that assisted farmers and home owners with problems caused by insects—a truly phenomenal record of publications. In Utah, Idaho, and Kansas, he pioneered in investigations on alfalfa weevil, Mormon cricket, and clover aphid. In Ohio he worked out recommendations for the control of codling moth, green apple aphid, hessian fly, potato leafhopper, oriental fruit moth, meadow spittlebug, Mexican bean beetle, and other insect pests. It is felt that he saved millions of dollars for farmers in the states where he was employed, as well as in other states that in the earlier years had no extension entomologist. He traveled untold numbers of miles by every possible manner of transportation and talked with untold numbers of people. As a result of his ability, vision, quiet leadership, untiring dedication, and constant effort, he contributed immeasurably to agricultural progress in the United States.

He was presented with the Superior Service Award by the United States Department of Agriculture in 1951. In 1957 he was awarded an honorary degree, Doctor of Science, by The Ohio State University. The Ohio State Horticultural Society made him an honorary life member in 1954 and in that same year he was chairman of the Ohio committee "Celebrating 100 years of Professional Entomology." He was an active member of the Entomological Society of America, which he served many times as a member of committees and, in 1952-53, as President of the North Central States Branch.

Dr. Parks is survived by his wife Martha and by one son Jack, both of La Jolla, California.

Alvah Peterson, Professor Emeritus, Department of Entomology, The Ohio State University, died September 11, 1972, in Columbus, Ohio. He was born in Galesburg, Illinois, September 13, 1888.

Dr. Peterson graduated with distinction from Knox College, Galesburg, Illinois, in 1911. He received from the University of Illinois his master's degree in 1915 and his doctor's degree in 1916. He was Assistant, then Associate, Professor of Entomology at Rutgers College and the New Jersey Experiment Station from 1916 to 1925, where he investigated problems caused by many different insect pests and published his findings. Among his important achievements in

this field were his study of the peach tree borer and his recommendations for its control. From 1925 to 1928 he was Senior Entomologist in the Bureau of Entomology where, along with other accomplishments, he became known for his attention to biological control measures. He joined the staff of the Department of Entomology, The Ohio State University, in 1928, becoming, after 30 years, Emeritus Professor in 1958. He served for eight summers as visiting professor at the University of Minnesota, and as visiting professor or as consultant at several other universities. From 1958 to 1960 he was Entomologist with the State Plant Board of Florida, at Gainesville.

He was author of an impressive number of papers and of four books, the first three of which have had worldwide use: "Entomological Techniques," now in the tenth printing; "Larvae of Insects, I and II," now in the eighth printing (some of which have been new editions), profusely illustrated by his own superb drawings; and a less technical one, "Fishing with Natural Insects."

After retirement he did his major work on insect eggs, for which he had a grant from the National Science Foundation. He identified the eggs by means of rearing techniques, photographed the eggs in color, and published a dozen beautifully illustrated papers. For this work he received many awards and honors. In this area, as in the areas of biological control and immature stages of insects, his work was pioneering.

He was an honorary life member of the Entomological Society of America, of which he had been president in 1949, and an honorary member of the Florida Entomological Society. He was awarded an honorary doctor's degree by The Ohio State University at the Centennial Commencement in 1970. He was a member of Phi Beta Kappa, Sigma Xi, Photographic Society, and Lepidopterist Society.

Dr. Peterson was a great teacher; many of his students occupy important positions in universities and laboratories throughout the world. He is remembered not only for his remarkable scientific achievements, which won him national and international eminence, but also for his kind and wise counsel, his modesty, his extraordinary scholarship, and his example of personal and professional integrity.

His survivors are his wife, Helen Hoff Peterson; two sons, Jon and David; and four grandchildren.

Vincent R. Peterson, teacher of physics and other sciences at Glenville High School, Cleveland, Ohio, from 1924 until his retirement in 1960, died December 9, 1972 in Cleveland at the age of 82.

He was born January 15, 1890 at Johnstown, Pennsylvania. He graduated from Mount Union College, Alliance, Ohio in 1915, where during his last two years he was Assistant in Biology. In 1934 he received a master's degree and, in 1941, a doctorate, from Western Reserve University, Cleveland, Ohio. He studied also at the University of Pittsburgh and the University of Chicago and, in 1951, held a fellowship in Physics at Case in Cleveland. Prior to his coming to Glenville High School in 1924 he taught in elementary and high schools in Pennsylvania. During his stay at Glenville he was loaned for one year, 1931-32, to the School of Education at Western Reserve. He entered military service in World War I as a private and come out as a sergeant.

Dr. Peterson was a life member of the National Education Association and past president of the Cleveland Teachers Association, of the Cleveland Natural Science Club, and of the Mount Union Alumni Association of Cleveland. He was a member of the official board of the Epworth-Euclid United Methodist Church; the Cleveland, Ohio, and the National, Retired Teachers Association; the Audubon Society; and the Ohio Academy of Science, Plant Sciences Section. In addition to several articles on science he was co-author of a book, "Biology in Review."

He is remembered as a dedicated teacher whose ideas and teachings were enjoyed by his students throughout the years, and as a quiet, kindly man, modest about his accomplishments, with a dry wit and an ever-ready smile. He was an all-round naturalist and an ardent gardener. As an authority on birds he led for many years bird walks in South Chagrin Metropolitan Park. He once collected, studied, and identified more than 500 grasses. During his winters in Florida, the last eight of which were on the Gulf of Mexico, he added the study of shells and continued the study of birds. He traveled in all the states of the continental United States and in Canada, the last four years in a wheelchair.

Survivors of Dr. Peterson are his wife, Wilda Matthias Peterson, whom he married in 1924, one son David, and three grandchildren.

I. Darin Puppel, Columbus surgeon and former Professor of Surgery at The Ohio State University, died December 17, 1973 at the age of 64. He was born in Venice, Italy, April 5, 1909, of American parents.

Dr. Puppel was a graduate of the School of Medicine of The Ohio State University in 1936 and in that same year received a master's degree from that university. From 1938 to 1940 he interned at Barnes Hospital, St. Louis, Missouri. He served as Assistant Resident Surgeon at The Ohio State University from 1940 to 1942, and as Chief Resident Surgeon there from 1942 to 1943. He practiced general and thoracic surgery for many years in Columbus, Ohio, and was on the staff of Grant Hospital, of St. Anthony Hospital, and of Childrens Hospital of that city.

He was a life member of the Southern Medical Association, a Fellow of the American College of Surgeons, and Diplomate of the American Board of Surgery. He was a member of the

Ohio Academy of Science, Medical Section, and in 1944 became a Fellow of the Academy. His memberships in other scientific and professional societies include Phi Eta Sigma, Sigma Xi, Academy of Medicine of Columbus and Franklin County, American Medical Association, American Thyroid Association, Ohio Thoracic Society, Columbus Surgical Society, and Central Surgical Association. He was a member and elder of the Brookwood Presbyterian Church.

Dr. Puppel was the author of numerous articles in surgery and in the treatment of the thyroid. He was a quiet and modest humanitarian, indefatigable in research and in his practice of surgery, accurate in his observations, and astute in drawing correct conclusions. His untimely death was a great blow to the medical profession.

He is survived by his wife, Cecilia Lewis Puppel, whom he married in 1937, and by two daughters, Sandra Puppel Kroll and Madelyn Darin Puppel.

Frank Merrick Semans died April 19, 1973 in Athens, Ohio, at the age of 69, after several years of ill health. He was born in Columbus, Ohio, May 3, 1903.

Dr. Semans graduated from The Ohio State University in 1925 as an English major, taught a year in high school, then attended Harvard University for a year. In 1929 he obtained his master's degree, and in 1933, his doctorate, from The Ohio State University, as a Biology major. From 1933 to 1935 he was CCC Educational Advisor, United States Office of Education, New Lexington, Ohio. He served at different times on the staff of, or as head of, the Biology Department of Lombard College, Galesburg, Illinois; West Kentucky State College, Bowling Green; Youngstown College, Youngstown, Ohio; Hiram College, Hiram, Ohio; and Morningside College, Sioux City, Iowa. He was with the United States Department of Agriculture, Division of Entomology, on the West Coast, 1943-44, and in Colima, Mexico, 1948-49. He spent a year as Entomologist for Agriform Company in California, and several summers with the Ohio State Department of Agriculture in nursery and bee inspection. He was Laboratory Supervisor at Athens State Hospital, 1953-63, after which he was engaged in forest management on his own property.

The scientific and professional societies of which he was a member include Sigma Xi, American Association for the Advancement of Science, American Association of University Professors, National Association of Biology Teachers, and the Academy of Science of each state where he resided. He became a fellow of the Ohio Academy of Science in 1950. He was a member, also, of many organizations in the fields of history, literature, and various aspects of wildlife. His publications include a series of papers on protozoan parasites of Orthoptera, and a number of articles on various subjects including conservation, insects, forest trees and shrubs, and nature notes.

Dr. Semans was a person of broad interests with a competence in many fields, including music, English literature, Ohio history, and family genealogy, but he found his greatest joy in the out-of-doors. He acquired, repaired, and planted dilapidated farms, making them livable and beautiful. He personally planted by hand many thousands of trees in Mahoning, Washington, and Athens, Counties, Ohio.

He is survived by his wife, Catherine Berg Semans, whom he married in 1928; two daughters, Ruth Merrick Semans Wood and Patricia Berg Semans Meier; and two grandchildren.

Theodore E. Sopp, Radiological Physicist, was born in Philadelphia April 24, 1918. His untimely death occurred April 4, 1972.

Professor Sopp received in 1944 a bachelor's degree and, in 1958, a master's degree, both in Electrical Engineering from Drexel Institute where, in 1946, he was Laboratory Instructor in Physics. He was certified by the American Board of Radiology in X-ray and Radium Physics in 1946, became a Fellow of the American College of Radiology (associate) in 1948, and was licensed by the Atomic Energy Commission for performing leak tests and instrument calibration in 1962.

From 1946 to 1948 he was Assistant Physicist at Philadelphia General Hospital where, as an undergraduate, he had been Radon Plant Technician. From 1948 to 1958 he served as Chief Physicist at Philadelphia General and at Hahnemann Hospital; as Consultant at Albert Einstein Center and at Lankenau Hospital; as Instructor at Hahnemann Medical College; and as Instructor in Radiotherapeutic Physics, Graduate School of Medicine, University of Pennsylvania. In 1958 he came to The Ohio State University as Associate Professor of Radiology and as Radiological Physicist, where he remained until his death. From 1962 on he was also Supervisor of Radiation Safety at Ohio State.

Professor Sopp's research and publications were in the field of radiation and radiation therapy. In addition to a number of papers, his writings include "Radiological Physics" (a textbook used in the training of residents in Radiology at Ohio State), and "Radiation Safety Manual—procedure and code of The Ohio State University."

His pioneering efforts and his contributions were important in raising medical physics to the status of a profession. He helped establish strong nuclear medicine programs at Philadelphia General Hospital and at Hahnemann Medical College and developed one of the first economical and dependable radioactivity scanners reported in the literature. He was highly respected by his colleagues not only for his scientific, professional, and personal contributions in his field, but for his competence in other areas, including music and philosophy.

Professor Sopp was a member of the American College of Radiology; American Association of Physicists; American Association of University Professors, Ohio Academy of Science, and American Public Health Association. He served as organist and choirmaster in churches in Pennsylvania and on the vestry at St. John's Episcopal Church in Worthington. His community interests and services included, also, work in behalf of the Ohio School for the Blind. His survivors are his wife, Jane W. Sopp, and two children, Christine and Mark.

Wilbur M. Tidd, Professor of Zoology at The Ohio State University, died at Riverside Hospital, Columbus, Ohio, June 30, 1973, at the age of 69. He was born in McGuffey, Ohio, October 4, 1903.

He received three degrees from The Ohio State University—the bachelor's, in 1925; the master's, in 1929; and the doctor's in 1937. His 45 years of service at The Ohio State University began when he became an Assistant in Zoology and Entomology. He advanced through the academic ranks, becoming Professor of Zoology in 1956. He served on the Conference Committee of the Teaching Staff, 1942-47; the Executive Committee of the Graduate School, 1953-54; and the Graduate Committee of his department, 1950-53.

Dr. Tidd was a fellow of the American Association for the Advancement of Science and of the Ohio Academy of Science. From 1944 to 1946 he was Treasurer of the Ohio Academy, and from 1950 to 1952 he was a member of the Administrative Board of the Ohio Journal of Science. He was a member of Sigma Xi, American Society of Parasitologists, American Microscopical Society, American Society of Limnology and Oceanography, American Society for the Study of Evolution, Annual Midwest Conference of Parasitologists, and American Fisheries Society.

His research activities were in the field of the biology of fish parasites. His chief research interest was *Lernaea*, a genus of parasitic copepods. In recent years, up to the time of his death, he was actively engaged in research on *Myxosoma cerebralis* (whirling disease) in trout, under a grant from the United States Department of Commerce, Division of Marine Fisheries. His research methods and techniques have been widely adopted. He was in demand as a speaker and as a visitor to fish hatcheries and fish disease laboratories. He participated in a discussion group at the International Parasitology meetings in Washington, D.C., in 1970, and served in a similar capacity at other meetings of national and regional groups interested in fish diseases. He frequently served as a consultant, identifying parasites for research workers and for the commercial fish industry. He was the author of more than 30 technical papers.

Dr. Tidd was energetic and enthusiastic in his research, in his teaching, and even in his participation in hobbies. As a teacher he was conscientious and stimulating, concerned about his students and their problems and always willing to take time to give them individual attention. With his usual lively interest, he was looking forward to a final year of teaching and to continued research. He liked fly fishing and gardening. He resided in Dublin, where he was a member of the Dublin Community Church.

His wife, Margaret G. Tidd, and a daughter, Gretchen S. Tidd, survive him.

Leslie J. Todd, Emeritus Professor of Chemistry, Kent State University, died in his sleep September 26, 1972 at his home in Kent, Ohio. He was born in Hendrysburg, Ohio, September 17, 1900.

Dr. Todd was a graduate of Muskingum College. He taught in high school for a time between college and graduate work, and then earned a master's degree and, in 1931, a doctor's degree, from Columbia University. He served as Professor and Head of the Department of Chemistry at Marshall University from 1931 to 1946. From 1946 to 1949 he was Associate Professor of Chemistry at Indiana University. In 1949 he joined the faculty of Kent State University where he served as Professor of Chemistry for 21 years, during the last ten of which he was Associate Chairman of the Chemistry Department. He became Emeritus Professor in 1970.

He was secretary-treasurer of the Ohio Chapter of the American Institute of Chemists and president of the Marshall University Chapter of the American Association of University Professors. He was also a member of Phi Lambda Upsilon, Sigma Xi, American Association for the Advancement of Science, the Chemistry Section of the Ohio Academy of Science, and the American Chemical Society.

Dr. Todd's excellence as a teacher of Chemistry is attested to by the fact that in 1958 he received the Outstanding Teacher Award from the Ohio Chapter of the American Institute of Chemists. He was a member of the United Church of Christ in Kent. Through his affiliation with various Lions Clubs over the years, including the one in Kent, he maintained a 50-year perfect attendance record. He was a 32nd degree Mason.

He is survived by his wife, Violet Haworth Todd, whom he married in 1926; two sons, Dr. William H. and Dr. Leslie J., both of whom are chemists; seven grandchildren; and one brother.

Eugene Van Cleef, Professor Emeritus of the Department of Geography, The Ohio State University, died November 7, 1973 in Columbus, Ohio. He was born January 17, 1887 in Chicago, Illinois.

After graduation from the University of Chicago in 1908, Dr. Van Cleef was employed as Special Investigator with Rand McNally and Company, Chicago, until 1911. He was Instructor in Geography at State Teachers College, Duluth, Minnesota, from 1911 to 1918, except

for a year of graduate study at the University of Leipzig. His doctorate was obtained from Clark University in 1926. He spent from 1919 to 1921 in the foreign trade department of Van Cleef Brothers, Chicago. In 1921 he joined the faculty of the Department of Geography, The Ohio State University, as Professor, where he spent a long and distinguished career, becoming Emeritus in 1957. He was also Professor of Business Organization at Ohio State from 1946 to 1957.

As a result of his studies of Finland and of Finnish settlements in the United States and Canada, he was awarded, in 1936, the order of the White Rose of Finland, Knight, Class I, and in 1941, the order of the White Rose of Finland, Commander, Class II. His interest in foreign trade and in urban planning and development was reflected in his activities in the University and in the Columbus community. He founded the International Trade Committee of the Columbus Area Chamber of Commerce and served on the Planning Commission of Columbus, of Franklin County, and of Upper Arlington. He was adviser to students in the international trade curriculum in the College of Commerce and Administration and was a member of the Educational Committee of the National Foreign Trade Council.

Dr. Van Cleef was the author of four books: "Finland, the Republic Farthest North"; Geog- of the Ohio Academy of Science, of which he was president, 1941-42; and of the American Geo- graphical Society. He was charter member and fellow of the American Meteorological Society. His other memberships include Beta Gamma Sigma (faculty), Phi Beta Kappa (faculty), Associ- ation of American Geographers, National Council for Geographic Education, and American Geophysical Union. He served as Climatologist, Latin American Division, House Inquiry, 1918.

Dr. Van Cleef was the author of four books: "Finland, the Republic Farthest North"; "Geog- raphy for the Business Man"; "Getting into Foreign Trade"; and "Trade Centers and Trade Routes," which was the first American text in Urban Geography. In addition he published an impressive number of articles (more than 175) in the fields of geography, climatology, urban geography and planning, and business and foreign trade.

He is survived by one brother, Paul, and three nieces.

David Knowlton Webb, Jr. (See "David Knowlton Webb, Jr., 1928-1973," in *The Ohio Journal of Science*, July, 1973.)

Submitted by the Necrology Committee

WALTER TUCKER
W. F. HAHNERT
CLARA G. WEISHAUP, *Chairman*

A MESSAGE TO AUTHORS REGARDING PAGE CHARGES

In these days of rising costs, many authors have asked how The Ohio Journal of Science (OJS) could continue to publish papers at no cost to the authors. It has long been the policy of the OJS that manuscripts be considered on their own merits providing that they conform to the OJS standards. It is true, however, that the OJS is now operating with a deficit budget due to substantial increases in the cost of printing and distribution. As a result, the Executive Board of The Ohio Academy of Science found it necessary to institute page charges, which will apply uniformly to both members and non-members of The Ohio Academy of Science.

The approved schedule of page charges for the Ohio Journal of Science is as follows:

First four pages in any year.....	No Charge
Second four pages in any year.....	\$17.50 per page
Pages in excess of eight pages.....	\$35.00 per page

To avoid any misunderstanding it should be made clear that payment of page charges is in no way a condition for acceptance or rejection of any manuscript. Authors will be asked, after acceptance of their paper, to indicate if there are funds available to pay for the page charges. In the event that the author or authors can substantiate their inability to pay page charges, they will be able to petition the Executive Committee of the Ohio Academy of Science for reconsideration of the page charges relating to their accepted manuscript. All such manuscripts will be held up until a final decision is made by the Executive Committee.

M. A. Lessler
Editor, The Ohio Journal of Science