

REPORT OF COMMITTEE ON NECROLOGY

To the Ohio Academy of Science:

Your committee has learned of six deaths of members during the year, all teachers and all well past mid life. The report will consider the deceased members in alphabetical order.

GEORGE ELLETT COGHILL was born at Beaucoup, Illinois, March 17, 1872, and passed away July 23, 1941, in his 70th year at his home in Gainesville, Florida.

Mr. Coghill came up through the local schools and studied from 1891-94 at nearby Shurtleff College, Upper Alton; then transferred to Brown University where he graduated in the Classical course in 1896. He followed this with a year of graduate work in the conservative theological school and then shifted to the open spaces of New Mexico where he spent five months in thought and observation which gave a lifelong bent to his work and philosophy.

He afterwards registered at the University of New Mexico and completed the work for the degree of M. S. in 1899; returning to Brown he completed his Ph. D. work in 1902. Three honorary Sc. D. degrees have been given him, Pittsburgh in '31, Denison in '33, and Brown in '34.

Dr. Coghill's teaching record began in the year 1899-00 as assistant Professor of Biology at New Mexico. From 1902-06 he was Professor of Biology at Pacific University; Professor of Biology in the College of Arts and of Embryology and Histology in the College of Medicine of Willamette University, Salem, Oregon, 1906-07; Professor of Zoology at Denison University, 1907-13; Associate Professor of Anatomy, Kansas State University, 1913-16, and Professor, 1916-25. From 1917-25 he was head of his department and Secretary of the School of Medicine. For the next ten years he was Professor of Comparative Anatomy at Wistar Institute, Philadelphia, and a member of its board of advisers since 1926. In 1928 he was visiting lecturer in the University of London.

He became a member of the Ohio Academy of Science while at Denison and carried memberships in American Association of Anatomists, (Pres. '32-33); American Neurological Association; American Psycho-pathological Association; American Association of Zoologists; American Philosophical Society; National Academy Science, D. G. Elliot Medal, 1930; Society of Naturalists and other local and state academies and societies. He was editorially connected with the Jour. Comp. Neurol. from 1904 to 1941 and managing editor from 1926 to 1933, and a member of the Kansas State Research Committee in 1919. In all his editorial labors he was a trusted advisor, with rare judgment and impartial justice.

In his second summer out of college he resolved to "study the nervous system in a biologic system in a biologic approach to a scientific psychology and a naturalistic philosophy." Thus at the beginning of his career he formulated a specific program of research and followed it ever after, continuously, consistently, and intensively.

He early and fortunately chose the salamander, a primitive, generalized form, for his main studies and broke new ground in his methods of work. From youngest embryos to adult forms he worked with this group as his own enterprise in conception, observation, and interpretation. He attempted to correlate by anatomical and physiological studies the growth of the nervous system and the progressive differentiation of its organs, with the patterns of behavior adopted by the organism. His far-reaching results were an impressive demonstration of unity and integrity of the organism, and the dominance of total patterns over partial patterns at all stages of normal development.

"The accuracy of his recorded observations has been checked by numerous observers and his conclusions seem to be securely established for the material studied."

Dr. Coghill was a resolute supporter of the *Journal* with which he was so long connected, publishing about half of his papers in it. He was steadfastly an inspiring teacher, a persistent research worker, a loyal personal friend and a man with great faith, honesty, and devotion to duty.

His London lectures resulted the next year in a book of 113 pages and 52 figures issued by the Cambridge University press under the title "Anatomy and the Problem of Behavior." His residential address in '33 before the Association of Anatomists was published in its *Journal*, Vol. 78, under the title, "The Neuro-embryologic Study of Behavior, Principle, Perspective and Aims." In 1936 he published "Integration and Motivation of Behavior as a Problem of Growth" in the *Journal of Genetic Psych.*, Vol. 48, and in 1938 "Space-time as a Pattern of Psycho-organismal Mentation" in the *Amer. Jour. Psych.*, Vol. 51.

From 1914 to 1936 he published a series of twelve papers in *Jour. Comp. Neurology* called "Correlated Anatomical and Physiological Studies of the Growth of the Nervous System of

Amphibia." Other papers were printed in Anat. Record and in Science; eight or nine papers were joint products with students and colleagues. His 62 titles covering the years '98 to '41 are listed in the Jour. of Comp. Neur. 1941, Vol. 75, pp. 195-98, the source of many data of this memorial.

Dr. Coghill was a philosopher as well as an anatomist, neurologist and psychologist, and his colleagues and pupils complained that he never wrote enough of the philosophical and psychological implications of his demonstrations, though he never lacked interest nor ceased to drop remarks that showed his comprehension of them.

In 1935 none too strong he retired to his farm at Gainesville, Florida, near the State University where his enthusiasm and wisdom were an inspiration to many.

MRS. HERMINE ZIPPERLIN HANSEN was born in Clinton, Ohio, March 30, 1858, and died in Akron, Jan. 8, 1942, at nearly 84 years of age, full of good deeds in civic clubs and groups, musical, religious, philanthropic and educational. In some she rose to the highest offices. She did much to popularize science, particularly geography, zoology and botany.

Her father, Dr. Zipperlin, was a pioneer physician in Ohio. She early moved to Cincinnati with her parents where she received all her formal education, graduating from the University with the honors of Phi Beta Kappa.

She taught a number of years in the elementary schools, then in Hughes High School of Cincinnati. Married Hans H. Hansen. After his death she returned to teaching in Cincinnati where she labored until her retirement when she came to Akron to live with her sister.

She traveled twice around the world, visited Europe several times, Alaska, and the South Sea Islands, and of these trips she wrote interesting accounts and often addressed groups telling of her observations. Held in high esteem by many in her two cities she was always able and willing to help in community affairs and maintained a keen live interest in world affairs to the last.

JESSE R. HARROD was born at Harrod, Allen County, Ohio, in 1885, and died in Lima Memorial Hospital February 24, 1942, at the age of 57. He came late to his collegiate work but the more serious for the delay. His educational attainments are marked by a B. S. in Ed. 1918, and B. S. in 1919 from Ohio Northern University; and by M. S. in 1925 and Ph. D. in 1933 from Ohio State University.

Mr. Harrod was head of the Science department in the Ada High School 1919-21, Assistant Professor of Chemistry in his Alma Mater 1921-28 and became Professor of Chemistry in the same after a year in Science in Piqua High School. He became chairman of the department in 1930 and continued nearly twelve years.

Dr. Harrod was elected to Sigma Xi and sustained memberships in American Chemical Society and International Association of Torch Clubs, besides his affiliation with the Ohio Academy. In the latter he was one of the founders of the Chemistry section. He was joint author of Outline of Organic Chemistry.

CLARENCE HESKETT was born in Bethesda, Ohio, fifteen miles west of Wheeling, W. Va., January 10, 1892, and died in his fiftieth year at Columbus, October 6, 1941, and was buried at his birthplace.

Mr. Heskett was one of twelve children on a farm in Belmont County. His grandfather was a pioneer farmer clearing primeval forests to plant his first corn and wheat. His father likewise was a farmer and a teacher and six of his brethren have been teachers.

Mr. Heskett attended the local schools and spent 1916-20 at Denison, graduating at the end although he had spent ten months of his junior year in France, and then flew with Dr. Kirtley Mather across South America over the Andes and down the Amazon and one of its tributaries. He thus spent six months mapping and studying.

He taught school and rose to a principalship in the schools of his home county during the next ten years. A continuous ambition for graduate work urged him forward and about seven years ago he came to Ohio State University and began the double rôle of assistant in the department of Geography and graduate student. He had nearly completed the requirements for the doctorate when his untimely death closed his career.

"JAMES ALLEN NELSON, a member of the Academy since 1907 and a Fellow since 1940, was born at Urbana, Ohio, April 29, 1875, and died at Gambier, Ohio, August 9, 1941. He was

graduated from Kenyon College with the degree of Ph. B. in 1898 and received the Ph. D. degree from the University of Pennsylvania in 1903. His doctor's thesis was a cell lineage study of the early development of a species of brackish water worms, *Dinophilus*, to which he later gave the specific name *Conklini*, a member of a primitive group of animals which have been variously placed among rotifers, annelids and tubellaria. Later he also studied the adult structure of this species and from both pieces of work concluded that the genus has close affiliations with the chaetopod annelids. His graduate work did not include enough on insects and spiders to meet his desires and in 1904 he accepted an honorary fellowship at Cornell University where he remained for four years. He worked under Professor Comstock and made contributions on the palpi of spiders. Because of the high skill which he had shown in microscopic work in the field of embryology, and also because of the newer interests which he had acquired in insects, he was appointed to the U. S. Bureau of Entomology in 1908. Here he prepared his noted book on the embryology of the honeybee and later published papers on the larval structure and abdominal segmentation of this species. With Sturtevant and others he published observations on honeybee growth. As one who worked with him, acknowledgment should also be made of his keen interest in anything which would add to the facilities and effectiveness of the office with which he was associated. He resigned his position in 1918 because of ill health and was not again able to undertake a regular activity. His keen interest in gardening and his skill on the piano provided him with abounding interests for the remainder of his life. He finally settled in his old college town, Gambier, where he took much interest in the affairs of students, of members of the faculty and of his fellow citizens of the community. Nelson was a member of the American Society of Zoologists, the American Association of Economic Entomologists and of the Ohio Academy of Science. He is survived by his wife and one daughter."

—E. F. PHILIPS.

(From the March, 1942, *Annals of Entom. Soc. Amer.*, Vol. 35, No. 1, p. 125.)

ADAM P. SEYFRIED passed away Aug. 29, 1941, at the age of 44.

He began his teaching in St. James High School in California in 1916. Later he transferred to Detroit, but after several years there in order to strengthen his preparation he became a graduate student at Fribourg, Switzerland. In these years, 1924-28, he gave himself assiduously to the science subjects which were to be his medium in years to come of imparting those high qualities of education that make for justice, honesty, persistence and scholarliness.

He was a biologist, a teacher, a man of geniality and vitality, a lecturer of note, a vigorous example for youth, "a Christian educator without enemy and without pettiness" in the school system of his faith.

Rev. Brother A. P. Seyfried, S. M., of Brooklyn, N. Y., though a student and teacher elsewhere for twenty-five years, was a member of the Ohio Academy of Science. He was also a member of the A. A. A. S., National Association of Biology Teachers and other scientific organizations.

He was a friendly teacher, an exemplar of honesty, simplicity and vigor of life, a man of high purpose.

GEORGE D. HUBBARD, *Chairman*.