OBITUARIES

Adolph H. Rosenthal, scientific advisor to the president of the Kollsman Instrument Corp. of Elmhurst, N. Y., died at his home in Forest Hills, N. Y., on July 21.

He was born in Frankfurt, Germany, in 1906, and he received his PhD in physics from the Goethe University. During the period from 1929 to 1933 he was assistant to the director of the Physics Institute of the University of Frankfurt. In the latter year he also served as a member of the staff of the Einstein Institute and Astrophysics Observatory.

In 1933, Dr. Rosenthal left Germany under Nazi pressure and moved to the Netherlands, where he spent two years as a resident fellow at the Physics Institute and Heliophysics Observatory of the University of Utrecht. In 1936 he joined Scophony, Ltd., as director of research and development. He left the concern in 1948 to become vice president and director of research and development for the Freed Electronics Corp. of New York, and then moved to a similar post with the Fairchild Controls Corp. in 1955. He joined Kollsman Instrument Corp. in 1960.

Dr. Rosenthal was a member of the American Physical Society and the Optical Society of America, and was a fellow of the Royal Astronomical Society.

Edison Pettit, an astronomer at the Mount Wilson Observatory for more than forty years, died on May 6 at the age of 73.

Born in Peru, Neb., Dr. Pettit received his bachelor's degree from the Nebraska Normal School in 1911. After teaching for several years in Nebraska high schools and at Washburn College in Topeka, Kan., he accepted an appointment in 1918 as an assistant at Yerkes Observatory.

Two years later, after receiving his PhD in astronomy from the University of Chicago, he joined the staff of Mount Wilson Observatory, where he remained until his death. Dr. Pettit is remembered for his measurements (with S. B. Nicholson) of stellar, lunar, and planetary temperatures with sensitive vacuum thermocouples, and for the photoelectric determination of apparent magnitudes of numerous galaxies. He worked with the Manhattan Project and the Office of Scientific Research and Development during World War II, and was a member of the American Astronomical Society, the Optical Society of America, and the International Astronomical Union.

John M. Miller, retired Deputy Director of Research at the Naval Research Laboratory, died at his home in Pompano Beach, Fla., on May 17. He would have been 80 years old on June 21. A native of Hanover, Pa., Dr. Miller received his AB degree from Yale University in 1904, his AM in 1907, and his PhD in 1915. From 1907 to 1919, he was a physicist with the National Bureau of Standards before serving as a radio engineer at the Navy Radio Laboratory, Air Station at Anacostia, D. C., and later at the Naval Research Laboratory in Washington. From 1925 to 1936 he was in charge of radio receiver research at the Atwater Kent Co., and during the following four years he was assistant head of the research laboratory for the RCA Radiotron Company.

He returned to NRL in 1940 as associate superintendent of the Radio Division, becoming superintendent of Radio I Division in 1945. Dr. Miller was named Associate to the Director of Research in 1951 and in 1952 was apointed Scientific Research Administrator, serving as Deputy Director of Research. In 1945, Dr. Miller was awarded the Distinguished Civilian Service Award for initiating the development of a flexible radio-frequency cable used in radar during World War II.

Claude T. Brown, a member of the technical staff of the Vector Manufacturing Co., died at Doylestown, Pa., on June 7. He was 52 years old. Born and educated in England, he began his career in 1934 as a designer with the Metropolitan-Vickers Electrical Co., Ltd., and he later joined the Bristol Aeroplane Company. He came to the United States in 1939 as a technical officer with the British Air Commision in Washington, D. C., and in 1947 he accepted a position with the US Navy Bureau of Aeronautics as general engineer and coordinator of undersea warfare activities. From 1954 to 1960 he was with the Naval Air Development Center at Johnsville, Pa. After leaving the Navy he was associated with the ITT Laboratories and the American Bosch Arma Corp. before joining the Vector Manufacturing Co. in 1961. Mr. Brown was a member of the American Physical Society.

Howard M. Trueblood, a retired physicist and private consultant, died on February 12 in Dobbs Ferry, N. Y.

Born in Richmond, Ind., in 1884, Dr. Trueblood earned BS degrees from Earlham College in Richmond in 1902, and from Haverford College, Haverford, Pa., in 1903. In 1912, after several years service with the US Coast and Geodetic Survey, he went to Harvard University as a Cutting Fellow and assistant in the physics department. He received his doctorate in mathematical physics from Harvard the following year.

From 1914 to 1917, Dr. Trueblood served as instructor and assistant professor of electrical engineering at the University of Pennsylvania, and then accepted a position with the American Telephone and Telegraph Company. He served AT&T as an engineer until 1934, when he joined the Bell Telephone Laboratories as foreign systems coordination engineer. At the time of his retirement from the Laboratories in 1949, he was assistant director of transmission engineering.

A retired fellow and early member of the Acoustical Society of America, Dr. Trueblood was also a member of the American Physical Society.