

radio-television commentator in this country and abroad during the past 25 years.

HAROLD E. ANTHONY, chairman of the department of mammals at the American Museum of Natural History, has retired after 47 years of service. Anthony joined the staff in the spring of 1911 as a naturalist with an expedition off the coast of Lower California. He was made an associate curator in the mammal department in 1919, a full curator in 1926, and has held the chairmanship of the department since 1942. From 1942 to 1947 he served as dean of the Scientific Council, and he was the museum's deputy director from 1952 until the fall of 1957.

A specialist in the mammals of the Western Hemisphere, Anthony has done extensive research on extinct mammals of the West Indies. Participating in a project to determine the geological origins of the islands, he collected the fossil remains of many species no longer in existence in order to compare them with forms still living on the mainlands of the American continents. As part of his research he has led major expeditions to most of the countries of South and Central America, has participated in expeditions to Africa and Burma, and has directed considerable field work in the western United States and Alaska. Anthony's writings include *Mammals of Puerto Rico*, published in two volumes in 1925 and 1926; *Field Book of North American Mammals*, 1928; and many short papers on systematics of mammals.

The museum's board of trustees has appointed Anthony curator emeritus of mammals, effective immediately, and on his return from a trip to the West Coast he will be curator of the Frick Laboratory, a research laboratory located at the museum and maintained by the Childs Frick Foundation for the study of fossil life.

LOUIS H. RODDIS, Jr., deputy director of the Atomic Energy Commission's Division of Reactor Development, has resigned, effective about 15 July, to become president of the Pennsylvania Electric Company of Johnstown, Pa., a subsidiary of the General Public Utilities Corporation. Roddis has been a member of the AEC Reactor Development Division since its inception in February 1949.

STUART C. CULLEN, professor of surgery and anesthesiology at the State University of Iowa College of Medicine, has been appointed professor of anesthesia and chairman of the department in the University of California School of Medicine, San Francisco, effective 1 July. Among Cullen's research interests have

been the use of curare and other muscle relaxants in anesthesia; the effects of drugs on respiratory function; the gas content of blood under varying conditions; and the physiological effects of xenon and other inert gases.

JOSEPH V. SWINTOSKY, a research group leader at Smith, Kline & French Laboratories, Philadelphia, has received the Ebert Prize of the American Pharmaceutical Association, the highest scientific award in American pharmacy. The prize is given annually for the best original research paper published in the journals of the American Pharmaceutical Association. Swintosky was the senior author of two papers, the beginning of a series, on studies dealing with quantitative measurement of absorption, distribution, and excretion of a sulfonamide (sulfaethidole) after oral and intravenous administration.

ARTHUR S. DETER, a technical writer for the Scintilla Division of the Bendix Aviation Corporation, has been named senior editor of the Scientific Information Division of Eaton Laboratories, Norwich, N.Y.

EARLE C. GREGG, formerly associate professor of physics at Case Institute of Technology, is now associate professor of radiology (radiation physics) at Western Reserve University School of Medicine.

Recent Deaths

OTTO BARKAN, San Francisco, Calif.; 71; eye specialist who discovered a surgical treatment for glaucoma; devised a new system of classification and surgical diagnosis of eye diseases; in his 37 years of practice contributed more than 60 articles to American and foreign medical journals in his field; 26 Apr.

MARGERIE FRY, London, England; 84; penologist and advocate of prison reforms; specialist in juvenile delinquency; principal of Somerville College, Oxford University, 1926-31 and Governor of the British Broadcasting Corporation, 1937-39; author of *Arms of the Law*; 21 Apr.

RICHARD B. GOLDSCHMIDT, San Francisco, Calif.; 80; professor emeritus of zoology, University of California; geneticist; head of the Kaiser Wilhelm Institute for Biological Research, 1921-36; conducted research on sex determination and on evolution, embryology, and physiological genetics; 24 Apr.

EUGENE GUSTAFSON, Chicago, Ill.; 52; vice president in charge of engineering for the Zenith Radio Corporation; 24 Apr.

ROBERT H. HENDERSON, East Orange, N.J.; 81; engineer and retired

owner of the Henderson Electric Company; holder of 14 patents; 22 Apr.

WALTER H. MAGILL, Philadelphia, Pa.; 79; professor emeritus of education at the University of Pennsylvania; author of many books and pamphlets in the field of teacher training; 21 Apr.

I. WILLIAM NACHLAS, Baltimore, Md.; 63; associate professor of orthopedic surgery at Johns Hopkins Medical School; one of the first to use penicillin and other antibiotics for osteomyelitis and other bone infections and also one of the first to use metal staples for strengthening the spine; orthopedic chief at Sinai Hospital, Baltimore, and at the Levindale Home for Incurables; 20 Apr.

GEOFFREY W. RAKE, Princeton, N.J.; 53; scientific director of the international division of the Olin Mathieson Chemical Corporation; research professor of microbiology at the University of Pennsylvania; chairman of the research and grants committee of the New York Cancer Committee; performed research on virus diseases and tuberculosis, about which he wrote more than 150 articles; 20 Apr.

JOHN S. RODMAN, Radnor, Pa.; 74; emeritus professor of surgery at Woman's Medical College, Philadelphia, and former chief surgeon of Woman's Medical College Hospital; founder-member and secretary-treasurer of the American Board of Surgery in 1937; former president of the Philadelphia Academy of Surgery; 26 Apr.

CARL R. SCHROEDER, Short Hills, N.J.; 68; consulting engineer for the Metals and Thermit Corporation, New York; 22 Apr.

JOHN N. SELVIG, Westfield, N.J.; 80; before retirement, mechanical engineer with the Western Electric Company in Kearny, N.J., for 33 years; 20 Apr.

GEORGE V. SLOTTMAN, New York, N.Y.; 54; vice president for research and engineering of the Air Reduction Company; contributed to the technology of carbides, acetylene, and oxygen; 21 Apr.

BURNETT SMITH, Skaneateles, N.Y.; 81; geologist and paleontologist; professor of paleontology at Syracuse University for 21 years; temporary geologist, New York State Museum, 1926-39; president of the Paleontological Research Institution, 1937-39; 31 Mar.

JAMES D. VERPLANCK, Rhinebeck, N.Y.; 87; retired in 1930 as a research worker for the U.S. Bureau of Standards in Washington; wrote articles on the American Indians; 23 Apr.

GALE H. WALKER, Polk, Pa.; 52; superintendent of the Polk State School, an institution for retarded children, and a specialist in mental hospitals; past president of the Association of Mental Deficiency; published many articles on mental retardation in children; 22 Apr.