

the functional significance of the structures with which he was dealing. The success with which he already had applied these methods to some of the most important of anatomical problems gave much promise for the years ahead. His death therefore is all the greater loss.

WILLIAM L. STRAUS, JR.

THE JOHNS HOPKINS MEDICAL SCHOOL

RECENT DEATHS

DR. EDWARD ANGUS BURT, formerly mycologist of the Missouri Botanical Garden, who has been living in retirement at his early home near Middle Grove, N. Y., since impairment of his eyesight, died on April 26 at the age of eighty years.

DR. ARTHUR P. JACOT, associate conservationist at the Northeastern Forest Experiment Station, U. S. Forest Service, New Haven, Conn., an authority on the fauna of forest soils, died on March 24 at the age of forty-nine years.

DOUGLAS D. H. MARCH, curator of the Old Panama Zoological Garden, died of a snake bite on April 3 at the age of fifty-two years.

IVAN GUBKIN, explorer and vice-president of the Russian Academy of Sciences, died on April 21 at the age of sixty-eight years.

DR. PAUL EUGENE LINEBACK, professor of micro-anatomy at Emory University, died on February 8 at the age of fifty-eight years.

PROFESSOR JAMES WILLIAM EDINGTON, professor of bacteriology and director of the Public Health Bacteriological Laboratory of the University of Sheffield, England, died on April 8 from injuries received in an automobile accident. He was fifty-four years of age.

DR. ERNEST H. HANKIN, bacteriologist, retired, of the Indian Service of the British Government, died at the age of seventy-four years on March 29.

SCIENTIFIC EVENTS

GRANTS FOR RESEARCH OF THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

UPON recommendation of the Committee on Grants, consisting of Drs. J. G. Lipman (Agriculture), *chairman*, McKen Cattell (Medical Sciences), Moses Gomberg (Chemistry), G. H. Parker (Zoology), F. K. Richtmyer (Physics), Joel Stebbins (Astronomy), Sam F. Trelease (Botany), and A. T. Poffenberger (Psychology), the council of the association has awarded grants in aid of research from the \$2,000 fund appropriated for the year 1939 as follows:

Harold C. Bold, Vanderbilt University, for studies of the algal flora of the Highlands of North Carolina and in other portions of the southern Appalachian Mountains, \$150.

Kendall B. Corbin, University of Tennessee Medical College, for investigation of the source and nature of the proprioceptive components of the cranial nerves, \$200.

Frank H. J. Figge, University of Maryland, for continuation of investigations on the intra-cellular factors controlling enzymatic pigment formation, \$250.

Arthur H. Graves, Brooklyn Botanic Garden, for attempts to develop, by breeding, a blight-resistant chestnut tree of a type suitable for timber to replace the now practically extinct American chestnut—*Castania dentata*, \$200.

F. R. Hunter, Rhode Island State College, to study the relationship between the respiratory activity of the cell and its selectively permeable properties, \$65.

Daniel Linehan, Weston College, to make a seismological study of the earthquake near Lowell, Massachusetts, of June 23, 1938, \$80.

Isabelle W. Pfeiffer, Yale University, to aid in a histological study of the corpora allata of the grasshopper,

Melanoplus differentialis, in correlation with various physiological conditions, particularly those relating to moulting and reproduction, \$75.

Christianna Smith, Mount Holyoke College, for the study of the rat embryonic liver in its hematopoietic stage by the tissue culture method to elucidate the origin and differentiation of red blood corpuscles, \$100.

M. L. Pool, Ohio State University, to construct a beta-ray spectrograph suitable for measuring the beta-ray spectra of artificial radioactive nuclei; the gamma-ray spectra to be measured by Compton recoil electrons, \$300.

H. S. Reed, University of California, Berkeley, to provide help for clerical and bibliographical assistance, for photostats, and possible short trips to other libraries, in connection with preparation of a book on the history of the plant sciences, \$150.

Elizabeth S. Russell, Jackson Laboratory, to continue a study of the genetics, histology and physiology of the various benign and malignant tumors in the fruit-fly, *Drosophila melanogaster*, \$230.

Sherwin F. Wood, Los Angeles City College, to determine insect reservoirs for *Trypanosoma cruzi* Chagas in the state of Texas and the virulence of these insect infections for white-footed mice, \$200.

SUMMER BOTANICAL MEETINGS IN VIRGINIA, WISCONSIN AND CALIFORNIA

DR. GEORGE S. AVERY, JR., secretary of the Botanical Society of America, writes that there will be three regional meetings of the society during June, the first at the Mountain Lake Biological Station, Mountain Lake, Virginia, on June 15, 16 and 17; the second at the University of Wisconsin on June 21, 22 and 23, and the third at Stanford University from June 26 to July 1.