

## SCIENTIFIC EVENTS

### THE ADVISORY BOARD ON SANITARY AND PUBLIC HEALTH ENGINEERING

MEMBERS of the National Technological Civil Protection Committee, appointed by the Secretary of War in January, 1941, have agreed to act also as an Advisory Board on Sanitary and Public Health Engineering to the Medical Division of the Office of Civilian Defense. The committee, which represents the major engineering and related societies, includes:

Walter D. Binger, New York, American Society of Civil Engineers, *chairman*.

W. H. Carrier, Syracuse, N. Y., American Society of Heating and Ventilating Engineers.

Frederick G. Frost, New York, American Institute of Architects.

E. M. Hastings, Richmond, Virginia, American Railway Engineering Association.

Harry E. Jordan, New York, American Water Works Association.

W. Cullen Morris, New York, American Gas Association.

John C. Parker, New York, American Institute of Electrical Engineers.

Arthur B. Ray, New York, American Institute of Chemical Engineers.

Scott Turner, New York, American Institute of Mining and Metallurgical Engineers.

James L. Walsh, New York, American Society of Mechanical Engineers.

Abel Wolman, Baltimore, American Public Health Association.

The Office of Civilian Defense will have a contact member on this committee, as does the War Department. Ralph E. Tarbett, senior sanitary engineer, U. S. Public Health Service, who has been assigned as chief sanitary engineer of the Medical Division of the Office of Civilian Defense with headquarters in the Washington office, will be the contact member.

Regional sanitary engineers are being appointed by the Medical Division of the Office of Civilian Defense to work through state defense councils with state health departments in planning defense against belligerent action. Most important of their immediate duties will be to promote development of protective measures for public water supplies, which may be subject to destructive enemy action. The engineers will also consult with health authorities on such matters as emergency maintenance of sewerage, sanitary facilities, garbage disposal, protection of food and milk supplies in the event of a disaster.

Two regional sanitary engineers are already on duty. Gordon E. McCallum, sanitary engineer, U. S. Public Health Service, has been commissioned in the

Public Health Service Reserve and assigned to the Third Civilian Defense Region (Pennsylvania, Maryland, District of Columbia and Virginia) plus West Virginia and Ohio. Mr. McCallum is stationed in Washington. John H. Brewster, at various times sanitary engineer for the American Waterworks and Electric Company and for the New York and Indiana state health departments and recently a private consultant in Troy, New York, has also been appointed a sanitary engineer in the Reserve of the Public Health Service and assigned to the First and Second Regions (New York, New Jersey, Delaware and the New England states).

### RESEARCH GRANTS OF THE VIRGINIA ACADEMY OF SCIENCE

DR. FRANK A. GELDARD, professor of psychology at the University of Virginia and chairman of the Virginia Academy of Science Research Committee, has announced that the following scientific workers in the state have been awarded research grants to aid them in their investigative work. The recipients are:

Margaret Altmann, of Hampton Institute, for a study of basal temperature curves of ten Negro women students during the sex cycle; Aaron Appleby, of the Virginia Polytechnic Institute, for his work in trying to find a calcium compound better suited than calcium gluconate for administering calcium ions to animals; Thomas A. S. Hayes, of the Virginia Polytechnic Institute, for a survey of the prevalence and importance of the large-mouth bowel worm in sheep in Virginia; H. W. Jackson, of the Virginia Polytechnic Institute, for the construction of an improved electrical machine for temporarily stunning fish, the determination of the exact composition of the fish population of a given area being often an important guide in the management of a pond; A. Margerite Risley, of Randolph-Macon Woman's College, to help her in an investigation in astronomy; Robert W. Root, C. Lane Sarter, N. C. Steenland, Robert O. Wilbur and H. H. Woods, senior students at Washington and Lee University, for a detailed study of the geology of the area immediately around Lexington; Frances A. Schofield, of Randolph-Macon Woman's College, to complete a study having to do with biochemistry, and J. C. Strickland, of the University of Virginia, to help him to complete a collection of the blue-green algae of the state.

Members of the Academy Research Committee besides Dr. Geldard are Dr. F. C. Vilbrandt, of the Virginia Polytechnic Institute, and Dr. Gillie Larew, of Randolph-Macon Woman's College. Dr. Ivey F. Lewis, of the University of Virginia; Dr. Rolland J. Main, of the Medical College of Virginia, with the officers of the academy; Dr. George W. Jeffers, of Farmville State Teachers College; Dr. E. C. L. Miller