

cent.; mechanical engineering, 24,651—7,008 or 28 per cent.; electrical engineering, 20,818—4,595 or 22 per cent.

### THE WORCESTER FOUNDATION FOR EXPERIMENTAL BIOLOGY

THE Worcester Foundation for Experimental Biology, at Clark University, has recently been incorporated. The purpose of this organization is "to carry on investigations in the biological sciences, including the medical sciences." Professor Harlow Shapley, director of the Harvard Astronomical Observatory, is the president of its board of eleven trustees. Others on the board are Dr. R. G. Hoskins, director of the Memorial Foundation for Neuroendocrine Research; Dr. W. J. Crozier, professor of general physiology at Harvard University, and Dr. William Malamud, clinical director of the Worcester State Hospital and professor of psychiatry at Tufts College. Professor Hudson Hoagland, on war leave from his work at Clark University, is executive director of the foundation, and Dr. Gregory Pineus, visiting professor at Clark University, is director of laboratories. Researches sponsored by the foundation are being carried out by some dozen investigators.

The foundation is primarily interested in the general physiology and biochemistry of the hormones and respiratory enzymes and their possible interrelations. It is also concerned with applications of such work to studies of psychomotor fatigue, particularly in in-

dustry, and to neuropsychiatric problems. Extensive clinical facilities for the latter work are available at the Worcester State Hospital, where the research staff, including members of the Memorial Foundation for Neuroendocrine Research, are cooperating closely with the work of the foundation.

### THE NAPLES ZOOLOGICAL STATION

SOME time ago the National Research Council received information that the Naples Zoological Station was physically intact and its staff still on the ground, with Dr. G. Montalenti as acting director. The following additional information has now been received: The aquarium is now open to Allied officers and soldiers on the payment of an admission fee. The Military Services have assisted the aquarium in its publicity and the promotion of visits by groups of soldiers.

Certain funds have been made available to the aquarium to replace the former state and city subsidies.

The Royal Society of London also has made a grant of £1,000 to the station for its 1944 program of research.

The Army has been assured by the acting director that with the above-mentioned assistance the aquarium and zoological station can now carry on an active program of research in which certain professors of the University of Naples and their students are participating.

ROSS G. HARRISON

## SCIENTIFIC NOTES AND NEWS

THE Eli Lilly and Company Prize of \$1,000 for 1944 will be presented on April 5 at the one hundred and seventh meeting of the American Chemical Society at Cleveland to Dr. Joseph Stewart Fruton, of the Rockefeller Institute for Medical Research, New York, in recognition of his "fundamental studies on the isolation, purification, mode of action and specificity of proteolytic enzymes of both plant and animal origin. The use of synthetic peptides as a tool in studying the specificity of enzymes was developed to a high degree and has afforded a new insight into the role of enzymes in the hydrolysis and synthesis of proteins."

At the same meeting the Borden Company Prize for 1944 of \$1,000 for research in the chemistry of milk will be presented to Dr. William Mansfield Clark, DeLamar professor of physiological chemistry at the Johns Hopkins University and chairman of the Division of Chemistry and Chemical Technology of the National Research Council, for his contributions to the application of acid-base theory to laboratory and plant practice. "As a result of his work and writings," according to the citation, "the old haphazard and often

irrational procedures in the dairy industry and other industries have been fruitfully transformed during the past years to precise scientific manipulations."

OFFICERS of the Ecological Society of America have been elected for 1944 as follows: *President*, Robert F. Griggs, National Research Council; *Vice-president*, Alfred C. Redfield, Oceanographic Institution, Woods Hole; *Treasurer*, H. J. Oosting, Duke University; *Executive Committee Member*, J. M. Aikman, Iowa State College; *Editorial Board Ecology*—for Botany, Paul B. Sears, Oberlin College, and Hardy L. Shirley, Allegheny Forest Experimental Station; for Zoology, P. L. Errington, the Iowa State College; and G. E. Hutchinson, Yale University; *Editorial Board Ecological Monographs*—for Botany, F. W. Albertson, Kansas State College; for Zoology, H. E. Ewing, National Museum and U. S. Department of Agriculture; *Representative, Union of American Biological Societies*, Robert E. Coker, University of North Carolina; *Representative, National Research Council*, H. A. Gleason, New York Botanical Garden; *Chairman*,