

tical testing of so-called end items, including everything from footwear to bakery equipment and from insecticides to canvas.

Situated on a 100-acre site, the center includes 10 reinforced concrete buildings. When in full operation the laboratories will use more than a million gallons of water daily, which will be drawn from nearby Lake Cochituate and returned uncontaminated through special filtering equipment. Personnel will total about 1000, less than 50 of whom are military, and will include several hundred scientists and technologists experienced in the various fields of Quartermaster research.

Two new buildings and additions to a tank farm and power house will be erected at the **Gulf Research and Development Co.'s laboratories** in Harmarville, Pa., to expand its facilities for research into fuels and lubricants. The project, when completed with test engines and related apparatus, will cost in the neighborhood of \$2,400,000.

New Jersey industry and Rutgers University are cooperating in the establishment of a **Radioisotope Center** in order to make this by-product of atomic energy more available as a research tool. Ten firms have already signed up for \$1000 memberships in the center. Although this \$10,000 does not complete financing, Rutgers will proceed immediately with the project and first courses will be offered with the opening of the second semester in February. The new unit will have its headquarters in the university's Physics Building; laboratory sessions will take place in facilities at University Heights.

Miscellaneous

The most important publications of the **International Union of Biological Sciences** are the Proceedings of the symposiums it has sponsored. The publications may be ordered from Prof. R. Ulrich, Laboratoire de Physiologie Végétale, 1, rue Victor Cousin, Paris 5, France. Some of the titles available are as follows: *Trace Elements in Plant Physiology* (Rothamsted, 1947); *Botanical Nomenclature and Taxonomy* (Utrecht, 1948); *Sostanze Interattive Tra Uova e Spermi e Partenogenesi* (Milan, 1948); *Les Bases Scientifiques d'une Organisation Internationale de la Lutte Biologique* (Stockholm, 1948); *Development, Growth and Regeneration of the Nervous System* (Chicago, 1949); *Le Role des Anaérobies dans la Nature* (Bruxelles, 1949); *Problèmes de l'Embryologie Physio-Génétique* (Berne, 1949); *Les Bases Écologiques de la Régénération de la Végétation des Zones Arides* (Stockholm, 1950); *La Symbiose des Insectes avec les Microorganismes* (Amsterdam, 1951); *Le Bactériophage, Royaumont* (Paris, 1952); *Biometric Problems in the Prediction and Estimation of the Growth of Plants in Tropical and Subtropical Regions* (Calcutta, 1951); *Sur l'Organisation des*

Jardins Botaniques (Paris, 1953); *Actinomycetales; Morfologia, Biologia e Sistematica* (Rome, 1953).

The union has also published two indexes: the *Index of Geneticists* (listed by name and by country) and the *Index of Zoologists* (listed by name, by country, and by specialty).

Four articles on the general topic *Psychoanalysis and scientific method* appear in the November issue of *The Scientific Monthly*: "Meaning of psychoanalytic concepts and confirmation of psychoanalytic theories" by Else Frenkel-Brunswik; "Critique of psychoanalytic concepts and theories" by B. F. Skinner; "On the scientific status of psychoanalysis" by Jerome Richfield; and "Notes on the discussion between Frenkel-Brunswik and Skinner" by Michael Scriven.

Other articles featured in the same issue are "Strange life of the dicyemid mesozoans" by Bayard and Evelyn McConnaughey; "The sedentary society" by Herbert Collins; "Chippewa sacred songs in religious metamorphosis" by Gertrude P. Kurath; and the final two articles in the series *Species that feed mankind*, these being "Animal species that feed mankind: The role of physiology" by S. A. Asdell, and "Role of genetics in adapting animals to meet changing requirements for human food" by T. C. Byerly. The issue also contains 25 book reviews.

A new publication called *Noise Control* has been announced by the Acoustical Society of America, its sponsor. The new bimonthly journal, the first issue of which will be released in January, will be designed for the reader who has practical noise problems. It will be well illustrated, articles will be as short as possible, with mathematics held to a minimum. Advanced technical knowledge of acoustics will not be necessary for adequate understanding of the contents.

The editor of *Noise Control* is Lewis S. Goodfriend, and his editorial board is composed of Floyd A. Firestone (chairman), Leo L. Beranek (v. chairman), Herbert A. Erf, Robert O. Fehr, Karl D. Kryter, and Haldon A. Leedy. Editorial inquiries and manuscripts should be addressed to the editor, *Noise Control*, 57 E. 55 St., New York 22. Advertising inquiries should be addressed to T. Vorburger, Advertising Manager, American Institute of Physics, 57 E. 55 St., New York 22.

On 15 Oct. the **South Pacific Fishery Investigations** of the U.S. Fish and Wildlife Service moved its headquarters from Stanford University to the Scripps Institution of Oceanography of the University of California at La Jolla, Calif., where a portion of the staff has been located for a number of years. John C. Marr, chief of the South Pacific Fishery Investigations, will also serve as director of the university's Marine Life Research Program.

Erratum. On page 612 (15 Oct. 1954), column 1, line 10: substitute 350 v for 3500.