

limited number of investigators of unusual capacity and accomplishment to assure them of financial support throughout their productive lives. Career investigators are selected by the Research Committee from nominations, rather than by application of individuals. The selections are subject to approval by the AHA board of directors. The application deadline for grants-in-aid is 1 Nov. Additional information and application blanks may be obtained from the Medical Director, American Heart Association, 44 E. 23 St., New York 10.

■ The United Brotherhood of Carpenters and Joiners of America has contributed \$75,000 to insure the preservation of Mettler's Woods, a 65-acre tract of primeval forest near New Brunswick, N.J. The woods will be turned over to Rutgers University for administration, permanent protection, and use as a center for ecological studies.

A campaign to raise funds was begun 2 years ago by a citizens' committee headed by William H. Cole, director of the Rutgers University Research Council. More than 2000 separate gifts totaling \$57,000 had been received prior to the union's donation. The woods, together with 71 acres of adjoining protective land, will stand as a memorial to William L. Hutcheson, late president of the union.

### In the Laboratories

■ Ketay Limited is being formed by the Norden-Ketay Corp., New York, and the Plessey Co., Ltd., to design, develop, and manufacture synchro- and servomechanisms in England. Arrangements have been made to produce a complete range of sizes and types of these components.

Plessey, which has about 15,000 employees, is the largest European electronic and aeronautical component manufacturer. Norden-Ketay designs, develops and manufactures servomechanism components, instruments, computers, and automatic control systems in the nine plants and laboratories of its divisions and subsidiaries.

Ketay Limited has arranged for Plessey to provide the manufacturing facilities and manufacturing and administrative personnel; Norden-Ketay will provide engineering, design, and manufacturing information.

■ Hercules Powder Co. has announced plans to start immediate construction of a new plant at Louisiana, Mo., for the production of pentaerythritol (PE). Completion of the plant is scheduled for late next year. It will have an annual production of 24 million pounds of PE

and 100 million pounds of formaldehyde, a basic raw material for PE. Pentaerythritol is used in paints, varnishes, lacquers, core oils, plasticizers, resins, and adhesives.

■ The Atomic Energy Commission has announced the award of a \$349,560 contract to the Foster Wheeler Corp. of New York for the design, construction, and test operation of a research reactor at the commission's Livermore Research Laboratory, Livermore, Calif. The reactor, which has been designated the Livermore Pool Type Reactor, will be used by the University of California Radiation Laboratory at Livermore. The new unit is scheduled to be in operation by December 1956.

■ In line with Shell Chemical Corp.'s expanding activities in the synthetic rubber field, a manufacturing research unit has been established at the Torrance, Calif., plant. John Anderson, formerly research director at Shell Chemical's Houston Laboratory, will be research director at Torrance.

■ The first polymerization unit for the manufacture of synthetic resin emulsions in Colombia has just been shipped from Boston, Mass., to Medellin, where it will be erected. The Chemicals Export Co., which operates the export sales activities for the Polyco Department of the Borden Co., is sending the unit to its distributors, General de Productos Quimicos Fadales, S.A.

This firm will operate under a licensing arrangement with the chemical division of the Borden Co. for the manufacture of the Polyco synthetic resin emulsions. The new plant will polymerize a wide range of monomers, producing the Polyco chemical specialties used in the leather, textile, and adhesive fields.

### Miscellaneous

■ A library of tape-recorded heart sounds and murmurs is being established by the American Heart Association for use in undergraduate and postgraduate medical education. The association's Committee on Auscultatory Phenomena announced that the library would include 10 teaching reels and 34 different heart sounds and murmurs available in loop form at two different speeds, 1 7/8 in./sec and 7 1/2 in./sec.

The tapes are expected to be ready for circulation about 1 Sept. Information on use of the tapes, as well as descriptive materials on their content, can be obtained from the Medical Division, American Heart Association, 44 E. 23 St., New York 10.

■ The Brookhaven National Laboratory has prepared a completely new edition of its book of cross sections, *AECU-2040*, which will be known as *Neutron Cross Sections BNL-325*. It will be put on sale this month by the Government Printing Office, probably at a price of \$3.50. Included with it will be an addendum containing the cross-section results for the important heavy elements from all the countries that are presenting such data at the Geneva nuclear conference, including the Soviet results.

■ In accordance with the President's Executive Order of 9 May, on 1 July the former Foreign Operations Administration became the International Cooperation Administration and was established as an agency within the State Department. John B. Hollister, who served as executive director of the Commission on Organization of the Executive Branch of the Government (the Hoover Commission), is director of the new agency.

■ The U.S. National Museum, Smithsonian Institution, recently opened an exhibit illustrating Indian life among the historic tribes of Latin America. A notable part of the exhibit is a reconstruction of a Lucayan-Arawak village on the present Long Island in the Bahamas, called Fernandina Island by Columbus. The settlement, one of those described in some detail in the discoverer's journal, was on approximately the site of the present small village of Burnt Ground.

The reconstruction was made on the basis of Columbus' description and the archeological work of the Ernest N. May-Smithsonian expedition of 1947. Before directing this reconstruction, museum ethnologists made an extensive study of all records available from the late 15th and early 16th centuries.

In addition to the West Indian material, the new exhibit includes a display of the head-shrinking techniques of the Jivaro Indians of the Ecuadorian jungles, a hunting camp of the Yahgans of Tierra del Fuego, and 17 other features.

■ The first article in the August issue of *The Scientific Monthly* is "What's happening to our glaciers!" by William A. Long. The other articles include "Our responsibilities as scientists," J. Rud Nielsen; "Karl Wilhelm Feuerbach, mathematician," Laura Guggenbuhl; "Lettuce industry of the Salinas Valley," Paul F. Griffin and C. Langdon White; and "Medals of the Royal Society of London," Erwin F. Lange and Ray F. Buyers.

In the "Science on the march" section, there is a discussion of the forthcoming International Geophysical Year, by Harold Spencer Jones. This issue also contains the reviews of 16 books.