

elle; May 1, American Chemical Society, regular meeting; May 8, Société de Chimie Industrielle (in charge), joint meeting with the American Chemical Society, American Electrochemical Society and Society of Chemical Industry; May 15, Society of Chemical Industry, regular meeting; June 5, American Chemical Society, regular meeting.

FREE lectures and demonstrations are being given at the New York Botanical Garden in the Central Display Greenhouse, Conservatory Range 2, as follows: December 6, "Fruits and seeds in winter," Dr. H. A. Gleason; December 13, "Rubber plants," Dr. A. B. Stout; December 20, "Greenhouse pests," Dr. F. J. Seaver; December 27, "A study of birds and their nests," R. S. Williams.

At the Baltimore meeting of the American Chemical Society, which will be held during Easter week, the Division of Industrial and Engineering Chemistry will hold a symposium on corrosion. At the present time the tentative outline of the symposium is as follows: 1. Submerged corrosion of metals. *a.* Iron and steel. *b.* Non-ferrous metals. 2. Atmospheric corrosion. 3. Corrosion of special alloys. It is hoped that the scope of the papers of this symposium will cover the problems of corrosion in the heavy chemical industry, in the special chemical industry, in the marine world, in ordnance equipment, in the oil industry, mining industry, etc. Papers relating to any of these subjects or subdivisions will be welcomed by the chairman of the symposium, who is Robert J. McKay.

PAYMENT of \$30,000 to the Cooper Institute, New York, for the advancement of science and art is provided for in the will of Eleanor G. Hewitt, sister of Peter Cooper Hewitt.

UNIVERSITY AND EDUCATIONAL NOTES

A GIFT of \$1,250,000 has been given by the General Education Board, allied with the Rockefeller Foundation, for completion of the Medical School at the University of Minnesota. The gift carries the proviso that the university obtain elsewhere \$2,350,000, which will complete the \$3,600,000 estimated cost of the proposed expansion.

UNITS of the new graduate school of medicine of the University of Chicago, projected for immediate construction, include the Billings Hospital, with 200 beds; a medical clinic for internal medicine and the medical specialties, to be occupied by the department of medicine, and a similar surgical clinic for general surgery and the surgical specialties, to be occupied by the department of pathology. This group will also house the Billings Library, a gift from Dr. Frank

Billings to the university. The buildings of the physiological group, to be occupied by the department of physiology and the department of physiological chemistry and pharmacology, will be erected on the south side of Fifty-eighth Street and will connect with the hospital group.

WORK will begin shortly on a \$20,000 physics laboratory to be known as Founders Laboratory, it is announced at Vassar. The names of the donors have not been made public.

B. MARVEL O'HARRA, assistant metallurgist at the United States Bureau of Mines Experiment Station, Rolla, Missouri, was recently appointed metallurgist and acting director of the station.

APPOINTMENTS to the staff of the University of Pennsylvania School of Medicine have been made as follows: Dr. George Fetterolf, professor of otolaryngology, succeeding Dr. Burton A. Randall, retired; Dr. John Claxton Gittings, professor of pediatrics, succeeding Dr. John P. Crozer Griffith, retired, and Dr. William C. Stadie, assistant professor of research medicine.

DR. H. N. CALDERWOOD, formerly chemist at the U. S. Forest Products Laboratory, is now assistant professor of chemistry at the University of Wisconsin. He has charge of the laboratory instruction given to engineering students. Dr. S. M. McElvain, instructor in chemistry at the university, has taken over the courses in organic chemistry formerly conducted by Assistant Professor Glenn S. Skinner, who has resigned to enter industrial work.

DR. H. O. CALVERY and Dr. H. Jensen have joined the staff of the department of chemistry at the University of Louisville, Kentucky.

DR. L. GRANT HECTOR, former instructor in physics and Tyndall Fellow at Columbia University, has been appointed assistant professor in physics in the College of Arts and Sciences of the University of Buffalo. Dr. P. Thomas McIlroy, of Queens University, Canada, has been appointed instructor in pathology.

DR. ERNEST PICK has been chosen to take the place of Dr. Hans Horst Meyer, professor of pharmacology at the University of Vienna, who has retired.

DISCUSSION AND CORRESPONDENCE

MUSSEL SHOALS

THE Mussel Shoals of the Tennessee River in northern Alabama (between Lauderdale and Colbert Counties) have received their name from the immense number of species and individuals of freshwater mussels (*Naiades*) which used to be found at this locality. Thus the common and now official spelling "Muscle Shoals" should be discarded for the more correct one "Mussel Shoals." There is no other place upon the