

Michigan, on October 2, 3 and 4. The subjects covered by the program have a wide commercial bearing.

Two sessions will be devoted to the subject of "Corrosion," a subject of interest not only to the electrochemist, but to engineers in every field of activity. Contributions to this subject have been received from all parts of the world and the sessions promise to be well attended.

Detroit is the heart of the automobile industry of this country, and it is very fitting for the society to have at this time an open forum on the topic "Industrial Electric Heating," in which field the automobile industry has made such remarkable strides. Professor C. F. Hirshfeld, of the Detroit Edison Company, is responsible for the program on electric heating. There will also be sessions on refractories for electric furnaces and the physical chemistry of electrodeposition.

Two round table discussions have been arranged, one on "Electric furnace cast iron," in charge of Mr. G. K. Elliott, of the Lunkenheimer Co., Cincinnati, and the other, on "Control methods in electrodeposition," in charge of Professor O. P. Watts, of the University of Wisconsin, and Dr. William Blum, of the Bureau of Standards.

Mr. Alex Dow will address members and guests on Friday evening, his subject being "Central station design and superpower."

Aside from the technical and scientific program, the entertainment committee has made adequate preparations. For Wednesday evening, a "Get-together" dinner at the Eastwood Inn has been arranged. Other entertainment features include a smoker at Hotel Tuller roof garden, automobile trips and a theater party for the ladies, and visits to a number of the large automobile plants.

## SCIENTIFIC NOTES AND NEWS

PROFESSOR FREDERICK SODDY, professor of chemistry in the University of Oxford, has been elected a foreign member of the Accademia dei Lincei of Rome.

SIR FREDERICK MILLS, chairman of the Ebbw Vale Steel, Iron and Coal Co., has been elected president of the Iron and Steel Institute of England, to succeed Sir William Ellis, managing director of John Brown and Company, Sheffield; Professor H. le Chatelier, W. H. Hewlett, E. Steer and C. J. Bagley have been elected honorary vice-presidents and Sir Charles Wright, E. W. Harbord and W. R. Lysaght ordinary vice-presidents.

A BAS-RELIEF was unveiled at the Roscoff Biological Station, France, on August 10, in memory of Dr. Yves Delage, who was professor of zoology at Paris and for many years director of the Biological Station.

At the sixth meeting at Luxembourg, from August 3 to 5, of the International Dental Federation, Dr. Truman W. Brophy, of Chicago, president of the federation, was awarded the Miller memorial prize for important work in connection with dentistry.

DR. J. A. PRESNO, editor of the *Revista de Medicina y Cirugia* of Havana, president of the Academy of Sciences, has been elected corresponding member of the Surgical Society of Paris. The French government has also decorated him as chevalier of the Legion of Honor.

THE council of the National Institute of Agricultural Botany at Cambridge, which is entrusted with the award of the medal struck to commemorate the services of the late Mr. John Snell to potato husbandry, has given the medal for 1923 to Professor H. M. Quanjor, of Wageningen, Holland, for his work on the virus diseases of potatoes.

THE Alvarenga prize has been conferred by the Academy of Sciences at Lisbon on Dr. Vasco Palmeirim for his monograph on "Shock."

DR. PAUL E. HOWE, associate in the department of animal pathology of the Rockefeller Institute at Princeton, N. J., has been appointed biological chemist in the animal husbandry division of the Bureau of Animal Industry, and will have charge of the nutrition investigations in animal husbandry.

F. J. CRIDER, professor of horticulture at the University of Arizona, has resigned to become director of the Boyce Thompson Southwestern Arboretum at Superior.

DR. E. W. WALCH, Dutch physician, who has been placed in charge of malaria control for the island of Java, is visiting the United States.

ERNST J. SCHREINER, from the New York State College of Forestry, Syracuse University, has been secured by the Oxford Paper Company for investigations with *Populus* in which The New York Botanical Garden is cooperating.

THE *Journal* of the American Medical Association states that it is proposed to celebrate the seventy-fifth birthday of Professor Ivan P. Pawlow, the physiologist, on September 21, by issuing a souvenir volume of the *Archives for Biological Sciences*, the official organ of the Institute for Experimental Medicine at Leningrad. The articles for the special number are to be published in the language of the writers. Professor Pawlow has declined any personal official ceremony.

DR. WILLIAM BOWIE, chief of the division of geodesy of the U. S. Coast and Geodetic Survey, and secretary of the American Geophysical Union, sailed from New York on September 9, on the *Roussillon*,

of the French line, for Spain. He will attend, as representative of the United States and of the Coast and Geodetic Survey, the conferences of the International Geodetic and Geophysical Union which will be held at Madrid, from September 24 to October 8. Dr. Bowie is president of the section of geodesy of the International Union.

DR. LOUIS A. BAUER, director of the Department of Terrestrial Magnetism of the Carnegie Institution of Washington, sailed from New York on September 13, in order to attend the meeting of the International Geodetic and Geophysical Union at Madrid. He expects to return to Washington on October 20.

DR. FRITZ HABER, of Germany, noted for his work on the fixation of nitrates from the air, who is now in the United States to give a lecture at the Franklin Institute Anniversary, will make an official visit to Japan, empowered by President Ebert to present a collection of German scientific books to replace those destroyed in the Imperial Library by the earthquake and fire.

PROFESSOR LUIGI LUGGI, of the University of Genoa, has sailed for New York to represent Italian institutions of learning at the coming celebration of the centenary of the founding of Rensselaer Polytechnic Institute, at Troy, N. Y.

THE Danish Arctic explorer, Lauge Kock, has left Copenhagen for the United States, to accept invitations to lecture before a number of American societies and universities.

DR. J. H. L. CUMPTON, director-general of health of Australia, is visiting this country under the auspices of the International Health Board.

ROALD AMUNDSEN, Arctic explorer, has filed a voluntary petition of bankruptcy and has definitely cancelled his projected aerial trip to the North Pole.

DR. NELSON H. DARTON, of the United States Geological Survey, has arrived in Mexico City to begin the study of the Cuicuilco ruins in the vicinity of Tlapan, thirty miles from the city.

DR. A. B. STOUT, director of the laboratories of the New York Botanical Garden, spent two weeks during July and August at Presque Isle, Maine, continuing studies on sterilities of potatoes in cooperation with the U. S. Department of Agriculture.

DR. BARTON WARREN EVERMANN, director of the Museum and the Steinhart Aquarium of the California Academy of Sciences; Miss Alice Eastwood, curator of botany in the academy, and Dr. Mary Page Campbell, member of the academy, have returned to San Francisco from Honolulu where they were in attendance at the Pan-Pacific Food Conservation Conference from July 31 to August 14. All

were delegates from the California Academy of Sciences, and Dr. Evermann was a delegate also from the Pacific Division of the American Association for the Advancement of Science and from the San Francisco Chamber of Commerce.

JOSEPH MAILLIARD, curator of birds and mammals in the California Academy of Sciences, accompanied by Mr. Jack Malloch as assistant, has gone to northeastern California to continue his studies of the birds and mammals of that region. They expect to remain in the field about two months. Special attention will be given to problems of local distribution.

E. P. VAN DUZEE, curator of entomology in the California Academy of Sciences, has returned from southern Arizona where he and his assistant, J. O. Martin, spent six weeks collecting Hemiptera and other insects. He brought back about 15,000 specimens to enrich the academy collections.

PROFESSOR W. OSTWALD, of the chair of colloidal chemistry in relation to biology at the University of Leipzig, has been delivering a course of lectures at the Institute of Applied Chemistry at Barcelona.

PROFESSOR E. VITORIA, director of the Sarria Institute for Chemistry at Barcelona, has arrived in Argentina where he is to deliver a course of lectures at the Buenos Aires and La Plata Universities on chemistry and laboratory methods.

DR. HENRY KRAEMER, formerly professor of pharmacognosy and dean of the College of Pharmacy at the University of Michigan, has died, aged fifty-six years.

DR. GEORGE W. HUBBARD, founder and for forty years head of Meharry Medical College, Nashville, Tennessee, died on August 22.

THE death is announced of Geo. Baptista de Toni, professor of botany in the school of veterinary medicine of the University of Modena, at the age of sixty years. Dr. de Toni was elected a member of the Paris Academy of Sciences last June.

DURING the months of April and May the departments of botany and zoology of the University of the Philippines, Manila, held their first summer session at the temporary Marine Biological Station at Puerto Galera, Mindoro. Twenty-one students, most of them instructors of biology in various colleges and high schools, attended the courses either in botany or zoology under Dr. R. Kienholz or Dr. P. B. Sivickis, respectively.

ON August 29, eight students of zoology from the University of Pittsburgh returned from British Guiana where they had spent the summer months studying ecology under the direction of Professor Alfred Emerson. This was the first organized university

class ever held in the tropical rain-forest and was so successful that other classes will be sent from the University of Pittsburgh in future years. The students spent nearly their entire time at the Tropical Research Station of the New York Zoological Society at Kartabo, British Guiana.

AFTER a four months' leave of absence engaged in investigations on Fanning and Washington Islands, Professor W. B. Herms has returned to active work in the department of entomology and parasitology of the University of California. While on Fanning and Washington Islands certain coconut pests were investigated, mainly the borer, *Diocalandra taitensis* (Guerin), which is responsible for considerable damage on these islands. In addition Professor Herms and his assistant, Mr. Harold Kirby, Jr., fellow in zoology, made a general study of the fauna and flora of both islands, particularly Fanning, which is a typical coral atoll and presents a fertile field for the biologist. Extensive collections of both plants and animals were made for later studies and deposit in the interested museums of the University of California.

THE Goessmann Laboratory of Chemistry at the Massachusetts Agricultural College, in Amherst, will be dedicated on October 3. The speakers will be Dr. C. A. Browne, of the Bureau of Chemistry, U. S. D. A.; Dr. Thorne M. Carpenter, of the Nutrition Laboratory of the Carnegie Institution of Washington, in Cambridge, Mass.; Dr. Frederick Tuckerman, of Amherst, and Dr. J. B. Lindsey, head of the Department of Chemistry.

By the will of the late Mrs. Henrietta O. Littleton, the American Museum of Natural History receives \$100,000.

THE Adelaide correspondent of the London *Times* reports that the congress of the Australasian Association for the Advancement of Science opened on August 25. Large Australian and New Zealand delegations were present, and an important *agenda* occupied the week. Lieutenant-General Sir John Monash, who succeeded Sir George Knibbs, the director of the Institute of Science and Industry, delivered the presidential address on "Power development." He said that Australian investment in electrical transmission had been relatively negligible, and that much research should be done before committing themselves deeply to a more extensive use of present methods. Speaking at the mayor's reception, Sir George Knibbs said that it was well that Australia's spirit of appreciation for science had grown so rapidly, as it was essential to acquire sufficient wealth and population to meet all contingencies. Sir John Monash pleaded for a greater recognition of science by public men, and for larger state grants to scientific institutions.

ACCORDING to the *Journal* of the American Medical Association, the incorporation of the Academy of Medicine of Cleveland has been completed and the secretary of state has issued a charter. The change necessitated the election of a board of directors or trustees by the members who shall hold office for a stated period of years. The new board of directors comprises Drs. Harold Feil, Samuel J. Webster, Edward P. Monaghan, L. Morris, Clyde L. Cummer, Jacob E. Tuckerman, Harold O. Ruh, Frederick J. Wood, Harry V. Paryzek, Lawrence A. Pomeroy, Arthur J. Skeel, Frank S. Gibson, John D. Osmond, Richard Dexter, Harry D. Piercy. The new officers are: president, Jacob E. Tuckerman; vice-president, Edward P. Monaghan; secretary-treasurer, H. V. Paryzek.

THE first survey to be made by the proposed naval research expedition would be devoted to the Gulf of Mexico-Caribbean region under recommendations formulated on August 28, at a meeting of the executive committee of the interdepartmental conference on oceanography, held at the Navy Department. The tentative program lists as the next step "neighboring parts of the North Atlantic," then south through the Panama Canal into the Pacific to the Galapagos Islands. Subsequent work would be carried on in the waters of the North Pacific.

### UNIVERSITY AND EDUCATIONAL NOTES

ERNEST GATES, of Yorkshire, England, has promised to provide the sum necessary to complete the endowment of a School of Pathology for Cambridge University. The trustees of the Rockefeller Foundation recently offered the University of Cambridge to provide £100,000 to build a school of pathology, together with the sum of £33,000 towards its endowment, provided the university raised an additional £33,000.

THE University of Paris has accepted a donation of five million francs from M. Biermans and Mme. Laporte for the construction of a dormitory for students from Belgium, Luxembourg and Limbourg.

W. C. NICHOL, lieutenant-governor of British Columbia, has given \$18,000 to the University of British Columbia to provide three scholarships of \$1,200 each, tenable for five years at French universities, with the object of promoting a better understanding between the British and French races.

DR. MARION TALBOT, professor of household administration and dean of women at the University of Chicago, has given to the university \$15,000 to be used as an endowment for the advancement of the education of women.