

Society of Naturalists; the Washington Academy of Sciences, and of other similar organizations.

Professor Hargitt was both a teacher and a friend to his many students. He was never content to admit that there was any difficulty in harmonizing the work of science and religion, and was ever ready to discuss these problems with students. We think of him as one of the pioneers in the teaching of the sciences at Syracuse. He has left a noble record of achievement and was fortunately able to carry on his research up to the end.

W. M. SMALLWOOD

SCIENTIFIC EVENTS

AN INSTITUTE OF PHYSICO-CHEMICAL BIOLOGY IN PARIS

BARON EDMOND DE ROTHSCHILD, who is a member of the Institute of France, in the section of "*membres libres*," has made a gift of 30,000,000 francs (\$1,200,000) to found and support an institute of physico-chemical biology, the need of which he suggested a number of years ago. The Paris correspondent of the *Journal* of the American Medical Association writes:

The proposed institute was already represented by a committee on organization. M. Girard, laboratory director at the *École des hautes-études*, will be the administrator of the new institute, which will be under the supervision of a board composed of the organizing committee, together with a number of distinguished scientists. The institute will be erected in the school quarter, in the vicinity of the Institute Curie. An institute of mathematical physics is likewise planned, funds for which will be contributed by the same donor. The text of the document by which M. Edmond de Rothschild conveys his gift is peculiar. Its tenor is inspired by the author's personal views in regard to biology and is intended to assure the continuance of the work of Claude Bernard, who was a friend of de Rothschild. It takes account, also, of Bernard's doctrine of physico-chemical determinism in relation to the phenomena of life. De Rothschild outlines thus, in a general way, the paths to be followed by the scientists of the future institute, and excludes, in advance, microbiology from their field of research. While the good intentions of the donor have been universally applauded, the restrictions that are thus placed on scientific research have been questioned in some quarters. The object seems to have been to found, over against the Pasteur Institute (the center of microbiology), a research center for the study of biologic phenomena, together with their practical applications, solely from the physical and chemical point of view. The gift is the largest that has ever been made in France by a single individual for the creation of an institute of pure science.

THE BARTOL RESEARCH FOUNDATION

DECISION to remove the research laboratories of the Bartol Research Foundation of the Franklin Institute

from their present location in Philadelphia to the campus of Swarthmore College has been made.

It was only recently announced that Dr. W. F. G. Swann, who for the last two years has been the head of the department of physics at Yale University and director of the Sloane Laboratory there, would in September become director of the Franklin Institute Laboratories.

The Franklin Institute has leased a corner of the Swarthmore campus for its new building, but there has been no merger of the institute with the college.

Dr. Howard McClenahan, secretary of the institute, states that it is expected that the laboratories will profit by association with a college community, that they will have the conveniences of the college library and that they may be able to find students who can, at times, carry on researches of an elementary character by doing part-time work.

On the other hand, the authorities of Swarthmore College expect that the proximity of the laboratories and the associations of the research men in the laboratories will prove stimulating to the scientific departments of the college and will arouse interest among the students in research in physical science.

Mechanical and electrical disturbances due to city traffic have made it difficult to work in Philadelphia with the sensitive apparatus used in the laboratories and have resulted in the decision to move.

Nine men are now carrying on research work under fellowships of the Bartol Foundation, which maintains the laboratories, but the new building will accommodate about fifteen workers, in addition to the director and his assistants. It is expected that at least ten fellows will devote their full time to research work in different directions.

Dr. McClenahan pointed out that the plans for the laboratories were distinct from plans for a scientific, technical and industrial museum, which the Franklin Institute expects to build on the Parkway in Philadelphia.

PUBLIC BEQUESTS OF THE LATE PAYNE WHITNEY

THE residuary estate of the late Payne Whitney, who died on May 25, is by his will divided into 300 parts, of which about one third are bequeathed for public purposes. It is estimated that the value of these bequests is in excess of \$20,000,000, and may be \$50,000,000. The relevant provisions of the will are as follows:

(a) I give and bequeath unto The Society of the New York Hospital, twenty-two of said shares. I give and bequeath unto Cornell University, for the maintenance and support of Cornell University Medical College, five of said shares. I give and bequeath unto the New York

Public Library, Astor, Lenox and Tilden Foundations, eleven of said shares. I give and bequeath unto The Groton School, now located at Groton, Mass., two of said shares. I give and bequeath unto the president and fellows of Yale University, five of said shares. I give and bequeath unto the Nassau Hospital Association, one of said shares. It would be agreeable to me that each of the above legacies should constitute a part of the endowment fund of the institution receiving the same, the income to be used for its corporate purposes; but this expression of my wish shall not be taken to prevent the institution from applying any part of the capital of its legacy to the acquisition of additional real estate, buildings, equipment, facilities, furnishings or other property which its governing board may deem desirable for the development and extension of its public service.

(b) I give and bequeath unto the Society of the New York Hospital, to be applied to the development and maintenance of neurological or psychiatric work in New York City, eleven of said shares.

(c) I give and bequeath unto my son-in-law, Charles S. Payson, five of said shares.

(d) I give and bequeath the remaining forty-six of said shares unto Lewis Cass Ledyard, Lewis Cass Ledyard, Jr., and Edward W. Sheldon, in trust, to take possession, control and management thereof, and to invest and reinvest the same, and to collect and receive the rents, issues and profits thereof, and, from time to time, to use and apply the principal and income of said trust fund for the furtherance and development of such charitable, benevolent, hospital, infirmary, public educational, scientific, literary, library or research purposes as said trustees shall, in their absolute discretion, determine to be in the public interest. Such application may be made either by donations to institutions of the character above mentioned, or through the formation of corporations or associations for the development of such purposes, and contributions to such corporations or associations. It would be agreeable to me that this fund should be used for the aid or development of such of the above enumerated purposes as I have been interested in during my lifetime, but this expression of my wish shall not be taken to control or limit the absolute discretion above conferred upon the trustees of said fund.

EXPEDITIONS OF THE AMERICAN MUSEUM OF NATURAL HISTORY

At a meeting of the board of trustees of the American Museum of Natural History, on June 9, arrangements were completed for a number of different expeditions. The expeditions as outlined were:

The Taylor-Sudan expedition, which will collect birds and mammals along the White and Blue Nile under Harold E. Anthony. Rollo H. Beck will direct the Whitney South Sea expedition to collect birds of the Pacific.

The Ruwenzori-Kivu expedition, headed by Dr. James Chapin, DeWitt L. Sage and F. P. Matthews, will collect birds of subtropical Africa, and the sixth Bernheimer expedition will search for anthropological

material in New Mexico and Arizona. George H. Tate and T. Donald Carter will start on a trip to Roraima, a mountain in Venezuela, where they will collect birds and mammals. Dr. Chester A. Reeds will conduct the Nevada meteorite expedition.

North Africa will be visited by George C. Valiant, assistant curator in Mexican archeology. A field expedition from the University of Chicago for an archeological reconnaissance of Asia Minor has been joined by Erich F. Schmidt, of the department of anthropology. The Putnam Baffin Bay expedition will visit Baffinland and other northern points under George Palmer Putnam.

The Trail-Side Museum and Nature Trails at Bear Mountain are under the direction of the resident naturalist, William R. Carr, and the insect station at Tuxedo is being continued by Dr. E. E. Lutz. Several expeditions are being arranged by Childs Frick for the department of vertebrate paleontology, among them being one to Nebraska under Albert Thomson and another to Colorado, Wyoming and Montana under Barnum Brown.

A resolution transferring the Aztec ruins at Aztec, N. M., to the United States government to form a part of the Aztec Ruin National Monument previously presented by Archer M. Huntington was adopted.

THE INSTITUTE OF CHEMISTRY AT THE PENNSYLVANIA STATE COLLEGE

TWENTY-TWO conferences on "Chemistry in World Affairs" will be held at the new Institute of Chemistry of the American Chemical Society, which begins its sessions July 4 at the Pennsylvania State College. The conferences, at which scientific men from both America and Europe will speak, will be similar to those at the Institute of Politics, Williamstown, Mass. Following each conference there will be a discussion by men prominent in the chemical industry and in education.

The chairman of the opening conference on July 5 will be Dr. Harrison E. Howe, of Washington, D. C., editor of *Industrial and Engineering Chemistry*. The principal speaker will be Dr. John E. Teeple, of New York, treasurer of the American Chemical Society. Dr. Teeple will speak on "Economic Factors in the Chemical Industry." His address will be discussed by Dr. Charles H. Herty, of New York, adviser to the Chemical Foundation, and William Haynes, of New York, editor of *Drug and Chemical Markets*.

"Economic Factors in Industrial Research" will be the topic of the July 6 conference, and "The Use of X-rays in Research on Structure of Non-Metallic Materials" that of July 7, when the speakers are Dr. Ancel St. John and Dr. W. P. Davey.