

lent by the Buffalo Museum of Science are noted as of great interest.

FIELD MUSEUM OF NATURAL HISTORY

MORE than two million persons received direct educational benefits from the Field Museum of Natural History during 1930. Of this number, 1,332,799 were visitors to the museum, while more than 716,000 were school children who participated in the extra-mural activities conducted by two special units of the museum organization—the N. W. Harris Public School Extension which circulates traveling natural history and economic exhibits to schools and community centers, and the James Nelson and Anna Louise Raymond Foundation, which provides lecturers, motion pictures and other means of supplementary education.

The 1,332,799 persons visiting the museum itself represented an increase of 164,369 or more than 14 per cent. over the previous year. Of these, approximately one third were children, according to Mr. Stephen C. Simms, director of the museum. It is of interest to note that of the total number of visitors, only 160,924 paid the 25-cent admission charged to adults on Mondays, Tuesdays, Wednesdays and Fridays; while 1,171,875 persons were admitted free of charge, this including those attending on Thursdays, Saturdays and Sundays, the free days, and all the children who are admitted free every day.

The activities of the Harris Extension reached more than 500,000 children in 430 schools and other gathering places. Those of the Raymond Foundation, including both programs presented in the museum and those presented in the schools, reached 277,245 children. For adults, twenty-seven illustrated lectures on science and travel were presented, and in addition, various series of guide-lecture tours, which attracted a total attendance of 37,031.

The election by the board of trustees of Field Museum of two new honorary members of the museum, and one patron, are announced by Stephen C. Simms, director. Mr. Arthur S. Vernay, of New York and London, and Mrs. E. Marshall Field, of New York, are the honorary members, elected in recognition of their eminent services to science. Mr. Philip M. Chancellor, formerly of Chicago and now a resident of Santa Barbara, California, is the patron, elected in recognition of eminent services to the museum. Mr. Vernay financed and led the Vernay-Lang Kalahari Expedition for Field Museum last year. This expedition brought the museum a vast zoological collection of African mammals, birds, fishes and invertebrates, numbering several thousand specimens, and also important botanical and ethnological collections.

Mrs. E. Marshall Field has long manifested a deep interest in science, and has actively participated in scientific work in the interest of the museum. Several

years ago she was a member of a Field Museum expedition which made large collections of botanical, geological and zoological material over a wide range of South American territory. Mr. Chancellor has financed and led two museum expeditions, the Chancellor-Stuart Expedition to the South Pacific (1929–30), and the Chancellor-Stuart Expedition to Aitutaki, Cook Islands (1930). Both of these brought the museum valuable zoological collections.

LATIN AMERICAN FELLOWS OF THE GUGGENHEIM FOUNDATION

THE trustees of the John Simon Guggenheim Memorial Foundation announce the appointment of seven fellows from Argentina and Chile who will come to the United States in the course of the next few months to carry on advanced work and research in various fields of knowledge. These fellows are the first to be appointed from Argentina and Chile as Latin American fellows of the foundation.

Established in 1925, the foundation, for a time, made its grants for work abroad only to citizens or permanent residents of the United States, but two years ago former U. S. Senator and Mrs. Simon Guggenheim, the founders of the fellowships in memory of a son who died in 1922, added a one-million dollar endowment to set up a plan of Latin American Exchange Fellowships to be additional to the work of the foundation in the United States, already endowed with their gift of \$3,500,000. Mexico was first included in the new plan and, with this announcement, its benefits are extended to Argentina and Chile.

The foundation had announced that this year two fellowships in each country would be granted in Argentina and Chile. Induced however by the large number and high quality of the applicants in each, four were granted in Chile and three in Argentina.

The Latin American fellowships of the foundation are planned as an exchange of scholars between the countries of the two Americas, and Senator Guggenheim has said: "We are proceeding in the conviction that we have much to learn in those countries that are our elder sisters in the civilization of America and much to give their scholars and creative workers. That is fundamental to our thinking on this subject."

In accordance with these plans scholars from the United States who plan to work in Latin America will be selected in this country in March, and at that time fellows from Mexico and Cuba will also be chosen. The Latin American fellows of the foundation just appointed are the following:

From Chile:—Eduardo Bunster Montero, School of Medicine, University of Chile, will carry on studies in the physiology of certain glands of internal secretion at Harvard University. Manuel Elgueta Guerin, Genetics

Division of the Experimental Station of the National Agricultural Society of Chile, will study the application of genetics to the improvement of plants at Cornell University. Joaquin Monge Mira, professor of geology in the Catholic University of Chile, will work on problems of harbor improvement and flood control. Genaro Moreno Garcia-Conde, professor of mathematics in the School of Military Engineering of Chile, will undertake mathematical research, especially in the theory of functions of real variables.

From Argentina:—Salomon Horowitz, chief of the Institute of Genetics of the University of Buenos Aires, intends to carry on studies in cytology and genetics. Homero Mario Gugliemini, a writer of Buenos Aires, will study the principal currents of philosophy in the United States. Carlos Garcia Mata, of the Department of Finance and Public Works in the Province of Santa Fé, Argentina, will study, at the Harvard Graduate School of Business Administration, methods of predicting economic phenomena.

These Latin American fellowships of the foundation are granted on terms generally similar to those governing the John Simon Guggenheim Memorial Fellowships in the United States. They are open to men and women, married or unmarried, without distinction of race, color or creed. Fellows from the United States to Latin America, or from Latin America to the United States, are not restricted in choice of university or other place of study.

The stipend for these fellowships, either for Latin America or for the United States, is \$2,500 a year plus a travel allowance. The fellowships are awarded in the first instance for one year, but with the possibility of renewal.

NATIONAL RESEARCH FELLOWSHIPS IN THE BIOLOGICAL SCIENCES

THE Board of National Research Fellowships in the Biological Sciences, which includes within its scope the fields of anthropology, psychology, botany, zoology, agriculture and forestry, held its first meeting in 1931 on January 31 and February 1, and made twelve reappointments and seventeen new appointments for the academic year 1931-32, as follows:

REAPPOINTMENTS

For domestic study:

O. D. Anderson—psychology
L. W. Gellermann—psychology
E. Harold Hinman—zoology
Ancel B. Keys—zoology
R. K. Meyer—zoology
Elsa R. Orent—biochemistry
Daniel Raffel—zoology
Hugh M. Raup—botany
Gene Weltfish—anthropology
Samuel Yochelson—psychology

For study abroad:

George Kreezer—psychology
T. L. Steiger—agriculture

NEW APPOINTMENTS

For domestic study:

G. W. Adriance—agriculture
S. H. Bartley—psychology
Lyman C. Craig—agriculture
S. T. Dexter—agriculture
Clarence H. Graham—psychology
S. R. H. Hall—zoology
E. W. Hopkins—agriculture
Burt P. Johnson—botany
Samuel L. Leonard—zoology
Marion L. Lohman—botany
B. F. Skinner—psychology
Frederick K. Sparrow, Jr.—botany
Raymond G. Stone—zoology
F. P. Zscheile, Jr.—botany

For study abroad:

H. H. Jasper—psychology
Victor C. Twitty—zoology
Wm. Caldwell Young—zoology

The second meeting for further appointments for 1931-32 is planned for about April 30 and May 1, and applications for consideration at this meeting should be filed not later than March 15. Information and application forms may be obtained from the Secretary, Board of National Research Fellowships in the Biological Sciences, National Research Council, Washington, D. C.

FRANK R. LILLIE, *Chairman*

BOARD OF NATIONAL RESEARCH FELLOWSHIPS
IN THE BIOLOGICAL SCIENCES

THE INDIANAPOLIS MEETING OF THE AMERICAN CHEMICAL SOCIETY

THE eighty-first meeting of the American Chemical Society will be held in Indianapolis from March 30 to April 3. New knowledge of life processes in both health and disease through the systematic use of chemistry will be a chief field of discussion. More than 1,500 men and women of science are expected to attend.

The opening event, according to the preliminary program, made public by Secretary Charles L. Parsons, will be a meeting of the council at 2 P. M. on Monday, March 30, the president of the society, Professor Moses Gomberg, of the University of Michigan, presiding.

Three symposiums will be given on March 31. One, on "Contemporary Developments in the Chemistry of Physiologically Active Substances," under the auspices of the Divisions of Biological, Medicinal and