

are no appointments in fields of the physical and mathematical sciences because all first-rate workers in these fields are needed for direct war work or for teaching to insure continuity in the supply of scholars in these fields. The list includes one Filipino poet, one Negro economist and one Chinese artist. Several of the fellows will work in Latin America and several in Canada, while the Canadian fellows will work in the United States. Fellowships awarded in the sciences are:

WILLIAM VOGT, associate director of the Division of Science and Education, Office of the Coordinator of Inter-American Affairs: Preparation of a book on Peru's guano birds, based on three years of study on the West Coast of South America, from Cabo Blanco to the Strait of Magellan, carried on when he was naturalist to the Peruvian Guano Administration.

DR. KENNETH EDWARD CASTER, assistant professor of geology in the University of Cincinnati: A field study of the Paleozoic strata of the Northern Andes in Colombia and adjacent Venezuela.

DR. EDGAR ANDERSON, professor of botany, Washington University, and geneticist, Missouri Botanical Garden, St. Louis: The genetics of Indian corn, in Mexico and the Southwestern United States.

DR. FLOYD ALONZO MCCLURE, on leave from his post as professor of economic botany, Lingnan University, Canton, China: A book on the Chinese bamboos.

DR. HENRY PAUL HANSEN, assistant professor of botany, Oregon State College: A study of Post-Pleistocene forest succession and climate in the Pacific Northwest, based on fossil pollen analyses of peat deposits and other types of lake sediments.

DR. E. LUCY BRAUN, associate professor of plant ecology, University of Cincinnati: Studies of the ecology and taxonomy of the deciduous forest.

DR. TILLY EDINGER, research associate in paleontology at the Museum of Comparative Zoology, Harvard University: A paleontological study of the tooth development in amphibians and reptiles, particularly primitive fossil types, with special reference to the history of dental succession in the evolutionary line leading from ancestral fishes to mammals.

JOHN FRANCIS HANSON, teaching fellow in entomology, Massachusetts State College, Amherst: A study of all genera and species of stoneflies in the United States.

DR. BARBARA S. BURKS, research associate in psychology, Columbia University: To gather materials for a book on the role of twins in the study of man, based on case studies of the development, life adjustment in maturity and environmental history of identical twins separated in infancy and reared apart.

DR. SOLOMON E. ASCH, assistant professor of psychology, Brooklyn College: To prepare a book on the formation and change of opinion and attitude, based upon experimental investigations.

The trustees of the foundation, in addition to Mrs. Guggenheim, are Francis H. Brownell, Carroll A.

Wilson, Charles D. Hilles, Roger W. Straus, Charles Earl, John C. Emison, Medley G. B. Whelpley and Charles Merz.

The committee of selection consisted of Dr. Frank Aydelotte, director of the Institute for Advanced Study, *Chairman*; Dr. Florence R. Sabin, of the Rockefeller Institute for Medical Research; Professor Edwin Bidwell Wilson, of the Harvard University School of Public Health; Professor Linus Pauling, of the California Institute of Technology, and Professor Wallace Notestein, of Yale University.

The fellows chosen this year come from fifteen states and the Philippines and from two Canadian provinces. Forty-four fellows are members of the staffs of thirty educational institutions, while twenty are free-lance workers.

### VISIT OF LATIN-AMERICAN ENGINEERS TO THE UNITED STATES

EIGHTEEN Latin-American engineers, representatives of fourteen countries, who are visiting Greater Boston, arrived on April 5 at Harvard University, one of the twenty-five universities and electrical establishments they plan to inspect during a year's visit to the United States. They are particularly interested in rural-electrification problems.

Dr. Francisco Castillo Najera, Mexican Ambassador to the United States, and Dr. Gonzalo Bautista, Governor of the State of Puebla, are leaders of the Mexican party. From April 5 to April 9 they were entertained by state and city officials, scientific societies and institutions and private individuals. Harvard Observatory arranged the program of entertainment in token of its interest in the new national astrophysical observatory at Tonantzintla, near Puebla. Dr. Luis Enrique Erro, director of the observatory; Señor Salvador Duhart M, first secretary of the Mexican Embassy; Dr. Carlos Graef, assistant director of the observatory, and Dr. Frederico Jimenez O'Farrill were among the visitors.

On Tuesday morning Major General Sherman Miles, commander of the First Service Command, called on the deputation at the Copley Plaza Hotel. During the morning the deputation visited Governor Saltonstall, President Conant, of Harvard University, and Mayor Tobin. The Mayor gave a luncheon in honor of the party and Governor Saltonstall was host at a tea in his home in the afternoon. Jerome Greene, secretary of the Harvard Corporation, was host at a dinner in the Tavern Club in the evening, after which a special meeting of the American Academy of Arts and Sciences was convened in tribute to the sponsorship by Governor Bautista of one of the most important observatories in Latin America, and in tribute to

the scientific accomplishments of the Mexican Ambassador. Dr. Harlow Shapley, director of the Harvard Observatory and president of the academy, presided. Ambassador Najera spoke on cultural relations between the United States and Mexico, and Dr. Kirtley F. Mather, professor of geology, discussed the earthquakes, volcanoes and mountain systems of Mexico. Members of the Pan-American Society of Massachusetts attended the meeting and the reception which followed.

Headquarters of the First Service Command, Harvard Observatory and the Harvard Medical School were visited on Wednesday morning. There was a reception at the Fogg Art Museum in the afternoon followed by a concert by the Harvard Glee Club and a tea given by the Harvard Corporation. Dr. Godfrey

Cabot and Mr. and Mrs. Ralph Bradley gave a formal dinner in the evening. A visit to the Massachusetts Institute of Technology on Thursday morning preceded an inspection tour of Fort Devens, and was followed in the afternoon by a visit to the Harvard Oak Ridge Observatory and the Seismographic Station. After various private social functions the party attended a reception at Radio Station WRUL on Thursday evening at which the Governor and the Ambassador were interviewed for a shortwave broadcast in Spanish.

The official group leaves Boston on April 9 for Springfield, where it will be entertained before its departure for New York City. Dr. Bart J. Bok, of the Harvard Observatory, was in general charge of the arrangements.

## SCIENTIFIC NOTES AND NEWS

THE New York Section of the American Chemical Society has awarded the Eli Lilly and Company Prize of \$1,000 in biological chemistry for 1943 to Dr. Herbert E. Carter, of the University of Illinois.

DR. WILBUR A. SAWYER, of the International Health Division of the Rockefeller Foundation, was the guest of honor at an official reception held on March 26 by the City Council of Guayaquil, Ecuador. After the reception he laid the cornerstone for a statue of John D. Rockefeller being erected to mark Ecuador's gratitude for the eradication of yellow fever in 1919.

THE Herbert Jackson Prize for 1942 of the London Midland and Scottish Railway has been awarded to J. Dearden, of the Metallurgical Section of the Railway's Research Department, for papers entitled "The Inspection of Welded Steel Joints in Relation to Their Static Mechanical Strength," and "The Influence of Welding Defects on the Resistance to Fatigue of Welded Steel Joints."

DR. ROBERT A. BROTEMARKLE, professor of psychology and personnel officer of the college at the University of Pennsylvania, has been appointed director of the psychological laboratory and clinic and chairman of the department of psychology to succeed the late Dr. Edwin B. Twitmyer. Dr. Brotemarkle has resigned as personnel officer, a position which he has held in conjunction with his teaching activities since 1926. He has been connected with the department of psychology since 1919.

DR. PAUL F. BARTUNEK, instructor in physics at Rensselaer Polytechnic Institute, has been appointed assistant professor of physics at Allegheny College.

DR. WALDO L. SCHMITT, who has been engaged continuously in biological research under the Govern-

ment since 1907 and as curator of marine invertebrates in the U. S. National Museum since 1920, has been selected to fill the position of head curator of biology made vacant by the death on February 28 of Dr. Leonhard Stejneger. Dr. Schmitt will assume his new work on his return from his trip to South America. Dr. Doris M. Cochran, since 1919 a member of the staff of the National Museum, since 1927 as assistant curator of reptiles and amphibians, has been named associate curator in charge of that division.

DR. LEWIS HILL WEED, professor of anatomy and director of the School of Medicine of the Johns Hopkins University, has been made chairman of the Medical and Health Advisory Committee of the American Red Cross.

H. H. ALP, associate professor of poultry extension at the University of Illinois, will serve during the emergency as senior poultry specialist with the Institute of Inter-American Affairs. It is expected that his headquarters will be at Rio de Janeiro, Brazil.

DR. RALPH H. MANLEY, formerly principal chemist and chief of the oil and protein division of the Northern Regional Research Laboratory, U. S. Department of Agriculture, has joined the research staff of General Mills, Inc. He will study the development of new industrial uses for vegetable oils and proteins and their derivatives.

JEROME SWIMMER, of Baltimore, has been appointed assistant toxicologist in the Medical Research Division of the Chemical Warfare Service at Edgewood Arsenal, Maryland.

DR. JAMES M. SPRAGUE has been appointed director of organic chemical research in the Medical Research Division of Sharp and Dohme, at Glenolden, Pa.