

partment and their fields of specialization are as follows:

General Zoology and Invertebrates: Assistant Professor B. P. Young; Dr. W. E. Heming and Dr. Amy G. Mekeel, instructors.

Histology and embryology: Professor Emeritus S. H. Gage, Professors B. F. Kingsbury and H. B. Adelman; M. N. Bates, instructor.

Physiology: Assistant Professor J. A. Dye.

Biochemistry: Professor J. B. Sumner and Dr. A. L. Dounce, instructor.

Comparative neurology: Professor J. W. Papez and W. A. Stotler, instructor.

Vertebrate taxonomy, ecology and anatomy: Professor A. H. Wright and Assistant Professors G. M. Sutton and Paul Kellogg and H. L. Kutz, instructor.

Ornithology: Professor A. A. Allen, Assistant Professors G. M. Sutton and Paul Kellogg, and H. L. Kutz, instructor.

Animal Genetics: Professor F. B. Hutt.

Parasitology: Professor R. Matheson.

Limnology: Associate Professor C. McC. Mottley.

The two men last named remain members of the department of entomology, but are also members of the department of zoology. Dr. L. A. Maynard, professor of animal nutrition, and Dr. H. H. Dukes, professor of veterinary physiology, are members of the department for three years, serving in an advisory capacity as liaison officers between the department and the Agricultural and Veterinary Colleges. Dr. F. B. Hutt, professor of animal genetics and head of the department of poultry husbandry, is chairman of the department of zoology for the year 1939-40.

The new department is supported by contributions of personnel, equipment and funds for maintenance from both the College of Arts and Sciences and the College of Agriculture. Its headquarters is in Stimson Hall, formerly occupied by the Ithaca Division of the Cornell Medical College, but some members of the department will retain their present quarters in McGraw Hall pending alterations necessary for their accommodation in Stimson Hall. The work in ornithology will remain in Fernow Hall, which in recent years has been specially equipped for studies in that field.

GRANTS OF THE NATIONAL TUBERCULOSIS ASSOCIATION

THE National Tuberculosis Association has announced that the following grants for medical research from July 1, 1939, to June 30, 1940, have been renewed:

For chemistry of the tubercle bacillus, under the direction of Professor R. J. Anderson, of the Sterling Laboratory of Chemistry, Yale University.

For physiological study of the fractions of the tubercle bacillus, under the direction of Professor M. C.

Winternitz and Robert M. Thomas, of the laboratory of pathology, Yale Medical School.

For chemistry of carbohydrates and antigenic properties of the fractions of the tubercle bacillus, under the direction of Professor Michael Heidelberger, of the department of practice of medicine, Columbia University.

For microbiology of the living tubercle bacillus, under the direction of Professor M. C. Kahn, Cornell University Medical School.

For relationship between diabetes and tuberculosis, under the direction of Dr. M. Maxim Steinbach, of the department of bacteriology of Columbia University.

For chemistry of tuberculin, under the direction of Dr. Florence B. Seibert, of the Henry Phipps Institute of the University of Pennsylvania.

For improvement of x-ray technique, under the direction of Professor Charles Weyl and S. Reid Warren, Jr., of the Moore School of Electrical Engineering of the University of Pennsylvania.

For clinical studies in association with tuberculin and x-ray researches, under the direction of Drs. Stiehme, McCarter and Lundegren, of the University of Wisconsin.

For a study of the lysis of the tubercle bacillus, under the direction of Dr. Charles Weiss, Mt. Zion Hospital, San Francisco.

New grants were announced:

For study of tubercle bacilli in animals by making them radioactive, under the direction of Drs. I. L. Chaikoff and J. Traum, of the University of California.

For study of intraperitoneal inoculations of tubercle bacilli in animals, under the direction of Dr. H. S. Willis and Dr. C. E. Woodruff, of the Wm. H. Maybury Sanatorium at Northville, Mich.

For a study of the relationship of tuberculosis and adrenal insufficiency, under the direction of Dr. George W. Thorn, Raybrook Sanatorium, New York.

GUGGENHEIM FELLOWSHIPS FOR BRAZIL, CANADA, PERU AND URUGUAY

THE extension of the fellowships of the John Simon Guggenheim Memorial Foundation to four additional countries of the Western Hemisphere has been announced. Brazil, Peru and Uruguay are brought within the Latin American fellowship plan, and Canada is added as a separate unit. These extensions increase the number of countries in which the Guggenheim fellowships are granted to eight. The fellowships offered to Canada will also be available to the Crown Colony of Newfoundland. Puerto Rico also is included.

During the past ten years the foundation has granted eighty-seven fellowships in Argentina, Chile, Cuba, Mexico and Puerto Rico. These Latin American fellowships and the fellowships offered to Canada are all on approximately the same basis as those granted in the United States. Men and women, married and unmarried, of every race, color and creed are eligible on equal terms. The income of the foundation is devoted

to its fellowships, which aim to provide opportunities for men and women of the highest ability to further their work in all fields of knowledge and all branches of the fine arts. Fellows are usually between the ages of twenty-five and forty years. They are appointed solely on the basis of the quality of their accomplishments, past and prospective, with no thought of distributing fellowships by fields of work, by colleges or universities, according to geographical considerations within the countries included in the plans of the foundation, or with regard to any factors extraneous to the question of quality. Thus, funds available for Latin American fellowships will be granted to the most highly qualified candidates regardless of the countries of their origin.

When former United States Senator and Mrs. Simon Guggenheim established the Latin American fellowships as a part of the activities of the John Simon Guggenheim Memorial Foundation, earlier set up in memory of a son and now endowed by them with more than \$7,000,000, they said:

We regard it as necessary that the republics of America should draw nearer to each other in ascertaining for the common benefit what advances have been made by each nation in knowledge, including the solution of common problems, and in the understanding and appreciation of each other's deepest culture. It is our conviction that this may best be accomplished by aiding scholars and artists of proven abilities to carry on research and creative work in contact with the scholars and artists of other lands. Such aid should be afforded under the freest possible conditions to men and women devoted to science and liberal studies, great teachers, creators of beauty, and generally to those devoted to pursuits that dignify, ennoble and delight mankind.

It is with no nationalist or propagandist intent that we desire to make available such assistance. Men and women devoted to pushing forward the boundaries of knowledge and to the creation of beauty, reared with the impress of the same republican institutions and principles of progress, must of necessity approach nearer and nearer together in scientific and artistic respect for each other's attainments and culture. There is, moreover, a republic of learning and art which knows no boundary lines, and we desire only that scholars and artists from the American republics should meet and learn and teach what to them is Truth. For better understanding among the citizens of the American republics nothing is needed but more knowledge—a knowledge of the other's culture that yields nothing in zeal for one's own.

While, during the past ten years, the foundation has granted eighty-seven Latin American fellowships to assist research and creative work in the United States, an almost equal number of citizens of the United States have been granted fellowships for work in Latin America. This is in accordance with Senator and Mrs. Guggenheim's conviction in establishing the Latin Amer-

ican fellowships "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."

Under a clause authorizing the appointment of "permanent residents" of the United States twelve scholars of Canadian origin who are members of the faculties of American universities have already been the recipients of Guggenheim fellowships, and two fellows from the United States are now professors in Canadian universities.

The foundation awards an average of sixty fellowships annually in the United States and, in the same ratio of fellowships to the total population of the country, contemplates granting approximately six fellowships a year to Canadians. The stipends of the Canadian fellowships, as those for the United States, will normally be \$2,500 a year.

AMERICAN ORNITHOLOGISTS' UNION

THE fifty-seventh annual meeting of the American Ornithologists' Union was held at the Museum of Vertebrate Zoology, University of California at Berkeley, and at the California Academy of Sciences at San Francisco, Calif., from June 19 to 24, with a registered attendance of 248. Thirty scientific papers were read, many illustrated by color slides or films. The three days of sessions included a like number of evening entertainments, open house at the museum, the annual dinner and business meetings of various sections. On Friday, one hundred and eight ornithologists visited Point Reyes to study nesting colonies of aquatic birds on rocky islands along the Pacific Coast. On Saturday and Sunday, forty-two visitors traveled to Point Lobos and the Hastings Research Area.

Officers elected for the new year were as follows: *President*, Dr. James P. Chapin, New York City; *Vice-presidents*, George Willett, Los Angeles, and Dr. J. L. Peters, Cambridge, Mass.; *Secretary*, Dr. Lawrence E. Hicks, Columbus, Ohio; *Treasurer*, Rudyerd Boulton, Chicago; *Council*, P. A. Taverner, Ottawa; Ludlow Griscom, Cambridge, Mass., and Dr. Alden H. Miller, Berkeley, Calif.

The Brewster Medal Award was awarded posthumously to Dr. Witmer Stone for his two volumes on "The Birds of Old Cape May." Two fellows, Dr. Alden H. Miller, Berkeley, and George Willett, Los Angeles; one honorary fellow, Oskar Heinroth, Berlin, Germany, and two corresponding fellows, G. C. A. Junge, Leyden, and David Lack, London, were elected.

In addition to 532 new associate members, seven new members were named as follows: Paul Kellogg, Ithaca, N. Y.; Wesley F. Kubiehek, Washington, D. C.; Joseph A. Hagar, Marshfield Hills, Mass.;