

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