

into the jungle and is getting its implements and test-tubes in order while waiting for the rainy season. One of the mysteries of the jungle is where the birds, animals and reptiles disappear during the hot, dry months of winter. Nevertheless, it is reported that the party has seen howling monkeys, tapirs, tigers, ferocious wild boars, deadly bushmaster and coral snakes, anteaters and sloths.

Dr. Beebe is chiefly interested in studying the evolution of animals in the Venezuelan jungle, which are similar to the species he studied in British Guiana. The expedition, financed by the Simon Guggenheim Foundation, includes Miss Jocelyn Crane, research zoologist; Henry Fleming, entomologist; George Swanson, artist, and Mary Vander Pyl, field associate. Miss Vander Pyl has not yet joined the staff, but will do so shortly. The expedition will remain in Caripito for six months. Part of the time will be spent on a houseboat on the San Juan River, a haven of strange bird species found in no other part of the world.

#### **THE BIOLOGICAL RESEARCH INSTITUTE OF THE ZOOLOGICAL SOCIETY OF SAN DIEGO**

THE Zoological Society of San Diego announces the renewal of two research fellowships available to advanced graduate students of either sex for research work at the Biological Research Institute in the fields of bacteriology, parasitology, veterinary medicine, food preservation and other problems related to national defense. The stipend of each fellowship is \$1,000 per annum.

The Zoological Hospital and Research Institute is supported by public appropriations and endowed funds, and is devoted to problems concerned with the health and normal life of animals, in and out of captivity, and to other phases of biological research. It is conducted in connection with the San Diego Zoological Gardens which houses 3,000 animals, including 175 species of mammals, 500 species of birds and 150 species of reptiles.

Research facilities include a two-story building with individual laboratory and office rooms. Refrigeration, incubation, x-ray and microphotographic apparatus, microtomes, microscopes, etc., are available in the building. An extensive outdoor animal isolation yard houses all new animals and research material. New animals are continually arriving from different parts of the world. There is a wealth of material for pathological, bacteriological, parasitological and anatomical study from the zoological gardens and other cooperating agencies.

The Biological Research Institute is not directly affiliated with any university, but qualified students may make arrangements to work for an advanced degree under the jurisdiction of cooperating universi-

ties. Only the thesis or dissertation requirements or parts thereof can be fulfilled at the Biological Research Institute. Preference will be given to advanced graduate students. Information in regard to these fellowships will be sent on request. Applications should be addressed before May 15 to Dr. Frank D. McKenney, Biological Research Institute, Balboa Park, San Diego, California.

#### **THE COLD SPRING HARBOR SYMPOSIUM ON QUANTITATIVE BIOLOGY**

THE tenth annual symposium at the Cold Spring Harbor Biological Laboratory will be held from June 10 to June 20. The subject to be considered this year is "The Relation of Hormones to Development." Topics for presentation and discussion will include: hormones of micro-organisms; hormone-controlled processes in insect development; analysis of eye-color differentiation in *Drosophila*; relation of organizers to development; natural influences and formative effects induced with hormone-like substances in higher plants; chemistry of hormones; relation of vitamins to hormones; hormones and photoperiodism; pituitary hormones affecting development in higher animals; the gonadotrophic and thyrotrophic hormones; hormonal control of embryo and seedling; endocrine factors in atypical growths; induction and prevention of abdominal fibroids by steroid hormones; formative influence of carcinogenic substances; hormonal regulation of development in lower vertebrates; hormonal control of differentiation in birds; hormones and the growth of the parts of the urinogenital apparatus in mammalian embryos; hormones as dedifferentiating agents; the role of hormones in senescence; hormones and overgrowths.

Invitation papers on these topics will be presented by twenty-two investigators from the United States, Canada and South America. Copies of the program will be sent on request. All papers and prepared discussions will subsequently be published as Volume X of the Cold Spring Harbor Symposia on Quantitative Biology.

All who are interested may attend the symposium and take part in the informal discussion of papers without further invitation. In addition, the Biological Laboratory offers its facilities for biological and biophysical research to participants in the symposium and to other investigators throughout the summer.

#### **THE AMERICAN ASSOCIATION OF CEREAL CHEMISTS**

THE annual meeting of the American Association of Cereal Chemists will be held at the Edgewater Beach Hotel, Chicago, from May 18 to 21. The sessions have been arranged under the following subjects: Agronomy and milling technology; statistical clinic;

cake, biscuit and cracker technology; laboratory baking methods; malting and brewing; protein symposium; bread baking technology; general analytical methods; symposium on flour and bread nutritional supplements. While it is not possible to give all the details of the program, attention should be drawn to the opportunity for cereal chemists to discuss their statistical problems in the statistical clinic, which consists of a joint session of the association with the Biometric Section of the American Statistical Association.

At the opening session, Dr. T. R. Hogness, of the University of Chicago, will discuss respiratory enzymes and their relationship to some of the vitamins; Dr. C. H. Goulden, of the Dominion Rust Research Laboratory of Winnipeg, Manitoba, will present a paper entitled "Experimental Design for Cereal

Chemists," and Dr. R. M. Hixon, of Iowa State College, will give an address on "Starch."

At one of the general sessions, Dr. R. A. Gortner, of the University of Minnesota, will give the Osborne Medal Award address. It will be entitled "The Plant Proteins."

Among the speakers at a general session immediately preceding the symposium will be Dr. C. A. Elvehjem, of the University of Wisconsin. He will speak on "The Water Soluble Vitamins"; Dr. R. R. Williams, of the Bell Telephone Laboratories of New York, will discuss the "Progress of Flour and Bread Enrichment"; Mrs. Clara Gebhard Snyder, of the Wheat Flour Institute, will discuss "Enriched Flour as the Consumer Sees It."

In all, sixty-four papers and addresses have been listed, covering a wide range of subjects.

## SCIENTIFIC NOTES AND NEWS

DR. EDWIN GRANT CONKLIN, professor of biology emeritus of Princeton University, was elected on April 24 president of the American Philosophical Society to succeed the Honorable Roland S. Morris. Dr. Conklin has been vice-president of the society since 1932 and executive officer since 1936.

ON the occasion of the celebration in Boston, on April 17, of the one hundred fiftieth anniversary of the founding of the Massachusetts Society for Promoting Agriculture, the medal of the society was awarded for his botanical services to Dr. Elmer D. Merrill, director of the Arnold Arboretum and administrator of Botanical Collections, Harvard University.

DR. HENRY BUTLER ALLEN, director of the Franklin Institute, Philadelphia, has been awarded a George A. Hoadley certificate to mark the completion of a quarter of a century of active service with the institute.

THE William Osler Medal of the American Association of the History of Medicine has been awarded to John T. Barrett, of the School of Medicine of Boston University. The presentation will take place at the annual meeting, which will be held in Atlantic City on May 3, 4 and 5.

AMONG those on whom honorary degrees were conferred by the Jewish Theological Seminary of New York, at exercises in commemoration of the one thousandth anniversary of Saadia Gaon, the Hebrew philosopher, was Dr. Arthur H. Compton, Charles H. Swift distinguished service professor of physics at the University of Chicago.

DR. ALEXANDER WETMORE, assistant secretary of

the Smithsonian Institution, and Dr. Edward A. Chapin, curator of the Division of Insects of the U. S. National Museum, have been elected corresponding members of the Academia Columbiana de Ciencias Exactas, Fisico-Quimicas y Naturales.

DR. J. B. TYRRELL, consulting mining engineer of Toronto, has been elected a senior fellow of the Geological Society of London. Dr. Tyrrell has been a member of the society for sixty years.

OFFICERS elected at the annual meeting of the American Society for Pharmacology and Experimental Therapeutics are: *President*, E. K. Marshall, Jr., the Johns Hopkins University; *Vice-president*, Carl A. Dragstedt, Northwestern University; *Secretary*, Raymond N. Bieter, University of Minnesota; *Treasurer*, Erwin E. Nelson, Tulane University; *Councillors*, McKeen Cattell, Cornell University; Ralph G. Smith, University of Michigan.

PROFESSOR GORDON ALLPORT, chairman of the department of psychology of Harvard University, was elected president of the Eastern Psychological Association, at its recent meeting at Brown University. Other officers elected were: Dr. Theodora M. Abel, Thiells, N. Y., *Secretary*; Dr. Kurt Goldstein, Tufts Medical School, *Member of the Program Committee*; and Professor Gardner Murphy, College of the City of New York, and Dr. Otto Klineberg, Columbia University, *Directors*.

At the recent annual meeting of the Supervisory Board of the American Year Book, an organization sponsored by forty-five learned societies, Professor Marston Taylor Bogert, of Columbia University, the representative of the American Chemical Society, was