

versity, will speak on "Present Problems"; Professor Vincent du Vigneaud, of the department of biochemistry, George Washington University School of Medicine, will speak on "Chemistry"; while Professor James M. Luck, department of biochemistry, Stanford University, will speak on "Interrelationships."

The second session will be addressed by a distinguished scholar in the field of endocrine studies, and this address will be followed by a series of shorter papers dealing with original investigations concerning the various hormones. The third and fourth sessions will be devoted to problems in the general fields of hygiene and parasitology, and the details of these programs will be announced later.

The Pacific Coast Branch of the Society for Experimental Biology and Medicine will conduct its regular June meeting in conjunction with Section N. There will be a dinner on one evening, followed by contributed papers.

The California State Veterinary Medical Association will meet jointly with the American Association of Economic Entomologists for one session. The association will also meet on Tuesday, Wednesday and Thursday.

The Section on Agriculture (O) contemplates conducting several meetings and conferences. The program includes a conference on the general topic "Land Utilization," under the direction of Dr. H. E. Erdman, of the Giannini Foundation for Agricultural Economics, University of California. The conference will be addressed by Dr. L. Dudley Stamp, in charge of the land utilization survey of Great Britain. A symposium will be conducted under the auspices of the section, with Dr. W. W. Robbins as chairman, on the topic, "Weed Control, with Particular Emphasis on the Physiological Problems Involved."

A joint symposium with the Western Society of Soil Science, covering an entire day, will be held on the topic, "Soil Phosphate." The Western Society

of Soil Science will also hold four sessions for contributed papers, beginning on Monday. The American Society of Agronomy, Western Branch, will hold meetings for contributed papers and a dinner.

The Section on Education (Q) has taken as the central theme of its program "The Applications of Science to Different Aspects of Education." Six areas have been submitted to the membership for an indication of studies under way and to be reported on at summer meetings, *viz.*: (1) Educational problems arising from the application of science to modern society; (2) application of science to the diagnosis and treatment of individual learning difficulties; (3) applications of science to the solution of problems of school finance; (4) applications of science to the problems of teaching personnel; (5) applications of science to the problems of guidance, and (6) applications of science to the non-school educational agencies.

The four with the most promising group of investigations for report will be used in the four separate sessions. The four symposia will involve opening presentations, discussions by a selected panel and general discussion by the full group in attendance.

The separate meetings of the section will be held on June 19 and 20. The joint meetings with the Section on Psychology will be held on June 21. One half day will be given to a consideration of "The Measurement of Personality." The theme of the second joint session has not yet been determined.

#### GENERAL NOTICES

Full details of all events will be found in the final program issued to members and visitors on registration in Berkeley. Material for that program is gathered by the secretaries of the various organizations and transmitted to Professor R. E. Clausen, Chairman of the Local Committee, Berkeley, California. In order to be included in that program items must reach Berkeley not later than June 1.

## SCIENTIFIC EVENTS

### CARNEGIE GRANTS TO BRITISH COLONIAL AND DOMINION MUSEUMS

ACCORDING to *The Museum News*, the Carnegie United Kingdom Trust has liberalized the conditions for grants to British museums. During the first three years that the grants were available they were restricted to municipal museums in towns of 10,000 to 70,000 population. During the remaining two years these restrictions will be removed and any active museum in Great Britain may apply for a grant for museum development. These grants, obtainable through the Joint Committee of the Museums Association and the Carnegie Trustees, will be not more

than £250 each. The grants can not be used for ordinary expenses, but must go into reorganization and experiment in museum development. In addition the Carnegie trustees will consider, through the committee, applications for grants of about £200 to aid museums in extending their services to rural areas.

The Museums Association announces that it is prepared to receive applications from museums in Newfoundland, Southern Rhodesia and the British colonies for grants of not more than £1,000 each. In general the grants may be used for study of accumulated material and publication of results, reorganization of collections, purchase of exhibition equipment, develop-

ment of educational work, and to permit curators to visit other museums. Grants will be restricted to museums that have qualified curators and assurance of active support by governmental or other authorities concerned. The Carnegie Corporation of New York has made available \$54,000 for these grants, and an additional \$200,000 for grants in Canada, Australia, New Zealand and South Africa.

#### APPROPRIATIONS FOR MIGRATORY-BIRD REFUGES

ONE million dollars of Emergency Conservation Work funds were allocated for migratory-bird restoration purposes by President Roosevelt on April 19. Executive Order No. 6684 authorizes the purchase and rental of lands as refuges for migratory birds and other forms of wild life that constitute a diminishing natural resource. Acquisition and proper development of the refuge lands will provide protection not only for the depleted wild-life resources but for the lands themselves. The work incident to acquisition and improvement will also provide employment on useful public work.

This use of ECW funds, while not governed or limited by the Migratory Bird Conservation Act of 1929, will further the purpose of that act, which is to establish bird refuges. That act authorized appropriations for land acquisition, but Congress has not yet made the funds fully available.

The President's order was issued under the provisions of the Unemployment Relief Act, the purpose of which, as stated in Section 1, are: (1) To relieve unemployment; (2) to provide for the restoration of the country's depleted natural resources, and (3) to provide for the advancement of an orderly program of useful public works. Section 2 of the act authorizes acquisitions of land for these purposes.

Following is the text of the order:

WHEREAS, It is necessary to purchase or rent various lands in order to provide suitable refuges for, and to protect and conserve, migratory birds and other wild life constituting depleted natural resources of the United States; and,

WHEREAS, The work and improvements necessary to be performed and made upon such lands to make them suitable and proper refuges for migratory birds and other wild life will provide protection for such lands from forest fires, floods and soil erosion, and plant pest and disease, and aid in the restoration of the country's depleted natural resources; and,

WHEREAS, The purchase of such lands will provide employment for citizens of the United States who are unemployed; now,

Therefore, By virtue of and pursuant to the authority vested in me by the act of Congress entitled "An act for the relief of unemployment through the performance of useful public work, and for other purposes," ap-

proved March 31, 1933 (48 Stat. 22), the purchase or rental of such lands as are suitable for the aforesaid purposes is hereby authorized; and by virtue of the authority vested in me by the Fourth Deficiency Act, fiscal year 1933, approved June 16, 1933 (48 Stat. 274), the sum of \$1,000,000 is hereby allocated for the purchase or rental of such lands (including the costs incident to purchase or rental) from the appropriation made by the said deficiency act for carrying into effect the provisions of the said act of March 31, 1933.

The sum herein allocated shall be transferred by the Treasury Department to the credit of the War Department for the purchase or rental of such lands (including the costs incident to purchase or rental) and shall, upon request of the Chief of Finance, under direction of the Director of Emergency Conservation Work, be transferred by the Treasury to the credit of the Department of Agriculture, and the funds so transferred shall be withdrawn on requisition by the Secretary of Agriculture.

#### THE UNITED STATES BOTANIC GARDEN

A JOINT resolution authorizing the appointment of a Planning Committee in connection with the United States Botanic Garden and for other purposes was introduced in the House of Representatives on April 19 by Representative Keller. It was referred to the Committee on the Library and ordered to be printed. The resolution follows:

*Resolved by the Senate and House of Representatives of the United States of America in Congress assembled,* That a committee be, and is hereby, appointed, which is to be known as the "Planning Committee for the United States Botanic Garden," consisting of the following members:

Honorable Frederic A. Delano (chairman National Capital Park and Planning Commission), chairman; Senator Alben W. Barkley (chairman of the Joint Committee on the Library), vice-chairman; Representative Kent E. Keller (chairman of the House Committee on the Library), second vice-chairman; Senator Peter Norbeck (member of Committee on Agriculture and Forestry); Representative Robert Luce (former chairman of the House Committee on the Library); Frederick V. Coville (acting director of the National Arboretum); B. Y. Morrison (head of Division of Foreign Plant Introduction, Bureau of Plant Industry, Department of Agriculture); William R. Maxon (associate curator, Division of Plants, Smithsonian Institution); C. Stuart Gager (director of the Brooklyn Botanic Garden); Leicester B. Holland (chief, Division of Fine Arts, Library of Congress); Oakes Ames (director of the Arnold Arboretum, Harvard University); George T. Moore (director of the Missouri Botanical Gardens); L. H. Bailey (professor of horticulture, Cornell University); H. H. Bartlett (director of Botanical Garden and Arboretum, University of Michigan); Rodney H. True (director of the Morris Arboretum, University of Pennsylvania); Mrs. Frank B. Noyes (special representative of the Garden Club of America); Mrs. Fairfax Harrison (rep-