

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-

representing Garden Club of America); Harlan P. Kelsey (member of the Massachusetts Horticultural Society); Robert Pyle (chairman of Committee on Botanical Gardens and Arboretums, American Association of Nurserymen); John G. Bradley (clerk of the House Committee on the Library), executive secretary.

SEC. 2. (a) The duty of the Planning Committee (hereinafter referred to as the "Committee") shall be to make a careful study of the United States Botanic Garden (hereinafter referred to as the "Garden") in comparison with other botanic gardens, arboretums, herbariums, botanic libraries, and similar institutions, with a view to its improvement as a scientific, educational, and aesthetic establishment.

(b) It shall also be the duty of this Committee to study other Federal institutions having functions in common with the Garden, particularly the National Arboretum, the Smithsonian Institution, the Library of Congress, and the Department of Agriculture, with a view to correlating these common functions for the use and improvement of the Garden.

(c) The Committee shall make a report of its findings to the Joint Committee on the Library, together with recommendations for the future administration and conduct of the Garden.

SEC. 3. The chairman of the Committee, or any member thereof authorized by him, shall be empowered to examine the files, records, and inventory of various other Federal establishments pertinent to this investigation and for the purposes herein set out.

SEC. 4. The members of the Committee shall receive no salaries for their services, but necessary traveling expenses and other expenses incident to their duties shall be paid.

SEC. 5. For the purpose of carrying out the provisions of this Act the sum of \$5,000, or so much thereof as may be needed, is hereby authorized to be appropriated.

SEC. 6. No disbursements on this account shall be made for any purpose except on the authority and approval of the chairman of the aforesaid Committee.

ELECTIONS OF THE NATIONAL ACADEMY OF SCIENCES

At the meeting of the National Academy of Sciences held in Washington on April 23, 24 and 25, Dr. Thomas Hunt Morgan, director of the William G. Kerekhoff Laboratories of the Biological Sciences of the California Institute of Technology and past presi-

dent of the academy, was elected foreign secretary to succeed Dr. Robert A. Millikan, director of the Norman Bridge Laboratory of Physics and chairman of the Executive Council of the California Institute of Technology, who asked to be relieved of the office which he has held for the past fifteen years. Dr. Roger Adams, professor of organic chemistry at the University of Illinois, and Dr. H. S. Jennings, professor of zoology at the Johns Hopkins University, were elected members of the council.

Members elected were:

Vannevar Bush, professor of electrical engineering and vice-president of the Massachusetts Institute of Technology.

Herbert Spencer Gasser, professor of physiology, Cornell University Medical College, New York.

Edmund Newton Harvey, professor of physiology, Princeton University.

Dennis Robert Hoagland, professor of plant nutrition, University of California.

Ernest Orlando Lawrence, professor of physics, University of California.

James Flack Norris, director of the research laboratory of organic chemistry, Massachusetts Institute of Technology.

John Howard Northrop, biochemistry, member of the Rockefeller Institute.

Charles Palache, professor of mineralogy, Harvard University.

Thomas Milton Rivers, pathology, member of the Rockefeller Institute.

Edward Sapir, Sterling professor of anthropology and linguistics, Yale University.

Elvin Charles Stakman, plant pathologist, U. S. Department of Agriculture.

Harry Shultz Vandiver, associate professor of mathematics, University of Texas.

Norbert Wiener, professor of mathematics, Massachusetts Institute of Technology.

Sewall Wright, professor of zoology, University of Chicago.

Foreign associates elected were:

Dr. V. F. K. Bjerknes, professor of meteorology of the University of Oslo.

Dr. Robert Robinson, Waynflete professor of chemistry at the University of Oxford.

SCIENTIFIC NOTES AND NEWS

DR. WILLIAM HENRY WELCH, recognized leader of the medical sciences in the United States, professor emeritus of the history of medicine in the Johns Hopkins Medical School, previously professor of pathology, first dean of the school and director of the School of Hygiene and Public Health, died on April 30 in his eighty-fifth year.

ONE of the three gold medals of the National Insti-

tute of Social Sciences, New York City, has been awarded to Dr. Walter Bradford Cannon, George Higginson professor of physiology at the Harvard Medical School. The medal will be presented to Dr. Cannon by Dr. John A. Hartwell, director of the New York Academy of Medicine, at the annual dinner of the institute, which will be given on May 10.

THE doctorate of laws was conferred on Dr. Har-