

University in 1912. He is survived by his widow, Mary Agnes Austin Vinall, whom he married in 1912. Mr. Vinall was a member of the American Association for the Advancement of Science, the American Society of Agronomy, the American Genetic Association, Botanical Society of Washington, Sigma Xi and Phi Kappa Phi.

P. V. C.

RECENT DEATHS AND MEMORIALS

DR. WILLIAM T. HORNADAY, who retired as the first director of the New York Zoological Park in 1926 after serving for thirty years and who since has devoted himself to the protection of wild life, died on March 6 at the age of eighty-two years.

DR. WILLIAM ALANSON WHITE, for the last thirty-four years superintendent of St. Elizabeth's Hospital at Washington, D. C., and professor of nervous and mental diseases at the George Washington University, died on March 7. He was in his sixty-eighth year.

DR. J. J. DAVIS, who since 1911 has been curator of the University of Wisconsin Herbarium, died on February 26. He was eighty-four years old.

WILLIAM M. BEAMAN, chief of inspection and editing of the topographic branch of the U. S. Geological Survey since 1918, died on March 1.

C. P. BLACKWELL, dean of the School of Agriculture of the Oklahoma Agricultural and Mechanical

College and director of the experiment station at Stillwater, formerly professor of agronomy at Clemson College, S. C., died on March 4, at the age of fifty years.

DR. CHESTER ROY GARVEY, assistant professor of psychology at the Carnegie Institute of Technology, died on January 26 at the age of thirty-four years.

Nature reports the death of Professor Max W. C. Weber, formerly professor of zoology and comparative anatomy in the University of Amsterdam, on February 7, aged eighty-four years, and of Dr. Alfred Daniell, author of "Text-book of the Principles of Physics," on January 12, aged eighty-three years.

THE dedication of the Theobald Smith Memorial Laboratory of Albany Medical College, Union University, will take place on March 19, 1937. In the afternoon Dean Thomas Ordway will make an address at the unveiling of a plaque of Theobald Smith. At the evening exercises Dr. Charles R. Stockard, of Cornell University Medical College, will deliver an address on "The Spirit of the Laboratory." The Theobald Smith Memorial Laboratory houses the departments of physiology and pharmacology and of experimental surgery.

THE South Eastern School of the Society of Foresters will erect a memorial to the late Dr. Austin H. Cary in the forest that has been named in his honor at the University of Florida.

SCIENTIFIC EVENTS

THE WILD LIFE FEDERATION

AT the recent meeting in St. Louis of the North American Wild Life Conference a permanent Wild Life Federation was formed. Delegates to the conference voted unanimously to ratify the constitution which was presented at the meeting in Washington last year. The federation as set up at present represents some 3,000,000 persons. It was stated that it had a potential representation of 36,000 groups, with an estimated membership of 30,000,000 citizens.

Jay N. Darling, of Des Moines, who was chief of the Bureau of Biological Survey from March, 1934, to November, 1935, long a leader in the fight to coordinate conservation forces, was elected president by acclamation. The delegates gave him an ovation when his name was proposed by William Tucker, of Texas.

At the afternoon session Mr. Darling recommended a seven-point program to be pressed by the federation, as follows:

- 1.—Establishment of government responsibility for restoration and conservation of wild life.
- 2.—Establishment of standing committees of both houses of Congress to further conservation interests.
- 3.—Adequate funds for the United States Biological Survey and United States Bureau of Fisheries.

4.—Cooperative research between the Federal and State Governments on matters affecting wild life, with the earmarking of funds taken in taxes from sportsmen for conservation—\$3,500,000.

5.—Complete federal custodianship of waters.

6.—Federal appropriations for wild life research.

7.—Support of program for continued enforcement of all game laws.

Several resolutions were adopted covering high points of the conservation program.

The first official action taken by the federation was to approve a plan to carry the conservation message into the homes of the nation through the establishment of an annual "Wild Life Restoration Week," which was set tentatively as the week of February 20, 1938. Before that time the federation will initiate an intensive educational campaign.

The following resolutions were adopted by the federation:

Federal aid should be extended to state wild life projects by earmarking funds now received by the United States Treasury from the 10 per cent. excise tax imposed on the sale of sporting arms and ammunition.

The CCC, United States Forest Service and Park Service should conform to sound policies of wild life management.

Any modification of federal law relaxing restrictions on importations of live stock from countries where foot and mouth disease now exist should be vigorously opposed.

The Federal and State Governments should make adequate appropriations for wild life research.

The open season for trapping should be not more than two months in the prime fur season, issuance of special licenses for trappers only and passage of laws to protect fur bearers.

The following vice-presidents, to assist President Jay N. Darling, were elected: David Aylward, secretary of the Massachusetts Fish and Game Association, Peabody, Mass.; William L. Finley, of Portland, Ore., and Dr. Walter B. Jones, of Tuscaloosa, Ala., director of the Alabama Museum of Natural History and state geologist.

REORGANIZATION OF THE COLLEGE OF PHARMACY OF COLUMBIA UNIVERSITY

A JOINT committee, consisting of five members from the faculty of Columbia University and three members from the College of Pharmacy, has made a survey of the school in order to make suggestions in regard to enforcing higher standards of admission, the introduction of academic subjects into the curriculum and in general a closer relationship between the college and the university.

Representing Columbia University on the reorganization committee were: Arthur W. Thomas, professor of chemistry, *chairman*; Charles C. Lieb, Hosack professor of pharmacology; George B. Pegram, professor of physics; Frank H. Bowles, acting director of university admissions, and Frank D. Fackenthal, secretary of the university. Members of the College of Pharmacy were Edward Plaut, chairman of the board of trustees, *chairman*; Dr. Hugo H. Schaefer, associate professor of chemistry, and Dr. Charles W. Ballard, professor of materia medica. The report of the committee has been approved by the president and council of the university.

A greater interchange of students between the College of Pharmacy and the university is expected to result from the reorganization plan, which will go into effect at the opening of the September term. Many of the courses to be introduced will be identical with those now offered at Columbia College, especially in the field of chemistry.

In commenting on the plans for the reorganization Dr. Ballard said: "This is the first attempt in New York State to develop a close contact between a pharmacy school and its university. We anticipate fewer students the coming year as a result of the higher academic entrance requirements that the university will demand, but we need a higher type of pharmacist."

Another committee, consisting of Dean W. F. Rudd,

of the School of Pharmacy, Medical College of Virginia; Dr. W. G. Crockett, president of the American Association of Colleges of Pharmacy, and Dr. Ernest Little, of Rutgers University, has been appointed to make a supplementary survey, to aid in the final reorganization plans.

ECLIPSE EXPEDITION TO THE SOUTH SEAS

PROFESSOR S. A. MITCHELL, director of the Leander McCormick Observatory of the University of Virginia, will be the leader of an expedition sponsored by the National Geographic Society and with the cooperation of the U. S. Navy. The total solar eclipse of June 8 will be observed from one of the islands of the Phoenix Group in the South Pacific Ocean. The other members of the scientific party are: Captain J. F. Hellweg, U. S. N., superintendent of the U. S. Naval Observatory, who will have charge of the Navy's participation in the expedition; Dr. Heber D. Curtis, director of the University of Michigan Observatory; Dr. Paul A. McNally, S.J., director of the Georgetown University Observatory; Professor F. K. Richtmyer, Cornell University; Dr. Theodore Dunham, Mt. Wilson Observatory; Harold E. Sawyer, assistant director of the McMath-Hulbert Observatory; John E. Willis, Naval Observatory, together with a photographer from the National Geographic Society and two radio engineers from the National Broadcasting Company.

The members of the expedition will sail from California by passenger steamers on April 27. With the extensive equipment aboard they will leave Honolulu on May 6 for the trip of 1,800 miles on the U. S. S. *Avocet*, a mine sweeper recently converted to a naval tender. Two of the Phoenix Islands, Enderbury and Canton, are available. The former is nearer the center of the shadow path with a duration of 4 mins. 8 secs., but the landing of the equipment may be difficult. If the landing is too difficult, Canton Island, where the duration is 29 secs. less, may be occupied. The 1937 eclipse has a maximum duration of totality of 17 mins. 4 secs., a longer observation than for any eclipse in 1,200 years. Unfortunately the location where the maximum occurs is 1,500 miles from any land.

The expedition will live in tents ashore. In erecting the instruments the astronomers will have the assistance of the officers and men of the naval vessel, which will stand by during the month of preparation. The equipment will be carried in a hundred cases weighing some ten tons.

The program will be a comprehensive one involving the following: (1) Times of contact observed visually and photographically; (2) photographs of the corona with various cameras and focal lengths up to 19 feet, with ordinary plates, with filters and in color (by three different processes); (3) photographs of the flash