

SCIENTIFIC NOTES AND NEWS

A BUST of Dr. Albert Einstein has been presented to the University of California at Berkeley. It was given to the university by Hugo D. and Arthur A. Newhouse and was cast in bronze by Frederick W. Schweigardt. It has been placed in the main catalogue room of the library. Dr. Einstein posed for the bust in 1933 when he lectured at the California Institute of Technology in Pasadena.

REAR ADMIRAL RICHARD E. BYRD received from President Roosevelt on September 27 a gold star in recognition of the success of his Antarctic expedition.

DR. WILLARD COLE RAPPELLE has received leave of absence for fifteen months from the deanship of the College of Physicians and Surgeons, Columbia University, to enable him to succeed Dr. Sigismund S. Goldwater as commissioner of hospitals. The oath of office was administered to Dr. Rappelle by Mayor La Guardia on October 1 in the World's Fair City Hall. Dr. Goldwater resigned recently as commissioner of hospitals to devote full time to his position as head of the Associated Hospital Service.

THE William Lawrence Saunders gold medal for 1941 of the American Institute of Mining and Metallurgical Engineers has been awarded to Herman C. Bellinger, vice-president of operations of the Chile Exploration Company, a subsidiary of the Anaconda Copper Mining Company. Mr. Bellinger, who will receive the medal in February at the annual meeting of the institute, was responsible for electrification of the Chuquicamata Mine in Chile and for the introduction of liquid-oxygen explosives for blasting at the mine. Robert Crooks Stanley, chairman of the board and president of the International Nickel Company of Canada, Ltd., will receive at the same meeting the first Charles F. Rand gold medal "for achievement in mining administration."

AT the recent fiftieth anniversary meeting of the New York State Library Association the guest of honor was Dr. Andrew Keogh, who was until recently librarian of Yale University.

CHARLES W. PATTERSON, registrar of Northwestern University Medical School for twenty-seven years, has been retired with the title associate professor emeritus of pharmacology. He had been associated with the school for forty-seven years.

DR. CHARLES T. CHAMBERLAIN, for many years clinical professor of otolaryngology at the Medical School of the University of Oregon in Portland, has retired with the title emeritus professor of otolaryngology.

DR. M. J. DORSEY, chief of the division of pomol-

ogy at the College of Agriculture of the University of Illinois, has been appointed head of the department of horticulture. Dr. Dorsey succeeds Dean J. C. Blair, director emeritus, who organized the department and served as its first and only head for forty-three years.

DR. ROBERT D. LEWIS, a member of the department of agronomy of the Ohio State University, formerly professor of plant breeding at Cornell University, has been appointed head of the department of agronomy at the Ohio State University.

DR. JOHN W. CHAMBERLAIN, assistant in the department of hygiene at the Massachusetts Institute of Technology, has been appointed assistant director.

DR. PAUL A. NEAL, surgeon, U. S. Public Health Service, a member of the staff of the National Institute of Health at Bethesda, Md., has been detailed as chief of the division of industrial hygiene of the institute. He succeeds Dr. Royd Ray Sayers, who joined the staff of the U. S. Bureau of Mines several months ago.

DR. WILLIAM C. SENNING, of Cornell University, has been appointed head of a new research station established by the New York State Conservation Department at the University of Rochester, to improve production and management of fish in the Finger Lakes region and westward.

DR. GEORGE B. DARLING, associate director, and Dr. Emory W. Morris, associate executive director, of the W. K. Kellogg Foundation at Battle Creek, Mich., have been elected, respectively, president and general director, succeeding the late Dr. Stuart Pritchard, who held both positions.

DR. HELLMUT DE TERRA, research associate of the Carnegie Institution of Washington, has been appointed associate professor of geography at the New School for Social Research, New York, by special grant from the Rockefeller Foundation.

DR. ROBERT A. JEHL, specialist in plant pathology for the University of Maryland Extension Service, has been appointed professor of plant pathology at the university and state plant pathologist. He succeeds Professor Charles E. Temple, who retired on October 1.

DR. OTTO HAAS, of Vienna, is cooperating as a volunteer worker in a research project based upon the collections of invertebrate fossils with members of the staff of the departments of geology and zoology at the Field Museum, Chicago.

F. C. BAWDEN, in charge of investigations on virus diseases of plants, has been appointed head of the

department of plant pathology at the Rothamsted Experimental Station at Harpenden, in succession to Dr. J. Henderson Smith, who is retiring after having held the post since 1932.

C. VERNON HOLMBERG, assistant in research sponsored by the Technical Association of the Pulp and Paper Industry at the New York State College of Forestry, spent the summer in research on wood waste utilization at the Miner Laboratories, Chicago.

A GRANT of \$2,760 has been appropriated by the National Foundation for Infantile Paralysis (the President's Birthday Fund) for research by Dr. John A. Toomey, associate professor of pediatrics (contagious diseases) of the School of Medicine of Western Reserve University. It is to be used to find a method of producing infantile paralysis in the smaller animals. Dr. Toomey has previously received grants from the National Foundation amounting to \$48,000 for his experiments in infantile paralysis at the City Hospital.

By an Order of the Committee of the British Privy Council the Rt. Hon. James Gray Stuart has been appointed a member of the Medical Research Council in the vacancy caused by the resignation of R. K. Law, M.P. By another Order, made after consultation with the Medical Research Council and with the president of the Royal Society, Sir W. Wilson Jameson, dean of the London School of Hygiene and Tropical Medicine, has been appointed a member of the council in succession to Professor Matthew J. Stewart, professor of pathology at the University of Leeds, who retired in rotation on September 30.

SIR ARTHUR HURST gave the eighteenth Norman Kerr Memorial Lecture before the Society for the Study of Inebriety, London, on October 8. His subject was "Alcohol and the Organs of Digestion."

THE two hundred and thirty-seventh regular meeting of the American Physical Society will be held at the University of Chicago on Friday and Saturday, November 22 and 23. Other meetings for the current season are as follows: Pacific Coast meeting, Pasadena, Calif., December 20 and 21; annual meeting, Philadelphia, December 26 to 28; Cambridge, February 21 and 22; Washington, D. C., May 1 to 3, 1941; Providence, June 20 and 21, 1941.

THE Michigan-Indiana-Ohio Museums Association will hold its thirteenth annual meeting at Toledo, Ohio, on October 17, 18 and 19. The Toledo Museum of Art and the Toledo Zoological Gardens will be hosts for the meeting.

THE first meeting of the 1940-41 season of the Mid-West Section of the American Association of Cereal Chemists was held on October 7, with dinner at Somerset Poultry Farm Restaurant, Lyons, Ill. A

short business session was held, after which J. M. Mercer, junior department engineer, Sanitary District of Chicago, spoke. The speaker took as his subject "A Half Century of Water Supply Practice for Chicago." An inspection trip through the main sewage disposal plant followed. Announcement is made that at the Tri-Sectional meeting at Urbana on November 9 the Mid-West Section will supply two speakers. Immediate past president of the national organization, George Garnatz, of the Kroger Grocery and Baking Company, Cincinnati, Ohio, will be the guest of honor.

THE fifth annual meeting of the Carolina Geological Society will be held at Bond Hall, The Citadel, Charleston, South Carolina, on October 19 and 20. Under the leadership of Professor J. H. Watkins the following places will be visited: on October 19 the Charleston Museum; Earthquake Evidence; Old Dorchester Road; Dump Shaft No. 11; Edisto-Goose Creek Tunnel; Summerville; Givhans State Park; Bee's Ferrybridge. There will be dinner at the Citadel Mess Hall at 7:30 P.M., which will be followed by a business meeting in the Physics Lecture Room. General Summerall will address the society at dinner. On Sunday there will be trips to the Santee-Cooper Project and to Eutaw Springs.

MEMBERS of the American Society of Naturalists are asked to submit nominations for new members to the secretary before the close of the forthcoming annual meeting. According to the constitution, nominations must be received before this time in order to be eligible for election in December, 1941. The secretary is Dr. Ralph E. Cleland, department of botany, Indiana University, Bloomington, Ind.

DR. ROY CHAPMAN ANDREWS, director, has announced that visitors admitted to or remaining in the American Museum of Natural History, New York, after 5 P.M. will be required to identify themselves. Identification may be established by showing to museum guards membership, registration or other cards indicating affiliation with the particular activity or agency using the museum premises. Those admitted to or remaining in the museum after 5 P.M. are expected to confine themselves to that part of the building designated for the activity for which they are admitted. It is understood that the rule will be applied gradually and discreetly, so that no person with legitimate business after hours will be embarrassed or inconvenienced. This request of the museum in no way indicates that friends of members may not attend meetings also, but should they do so, it is hoped that they will be prepared to prove their contact with a particular member and occasion. Members of the New York Academy of Sciences are, therefore, requested to

carry their current membership cards when attending meetings, and to be prepared to show them to museum attendants if requested to do so.

REPORTS received by the editors of *Chronica Botanica* stated that the collection of cultures of the Central Bureau of Fungus Cultures in Baarn, Holland, is in excellent condition and has not been damaged by the war. Shortly before the invasion of the Netherlands tentative plans had been made to transfer part of this collection to the United States, as it contains many types of great importance to American mycologists and phytopathologists.

ACCORDING to the *Journal* of the American Medical Association, the medical department of the University of Chicago eventually will receive all of the estimated \$100,000 estate of the late William O. Oppenheim. Under a trust established by the will, the income will go to relatives during their lifetime.

It is reported that the construction of a new library in the Harvard yard, to house rare books and manuscripts and to provide exhibition and study rooms for important collections, will be begun this autumn. The new building, 55 by 120 feet, will be situated east of Widener Library. It will be of Georgian style, brick and limestone, three stories above ground, housing more than a quarter of a million volumes. The structure has been made possible through the support of an anonymous alumnus. One of the most important collections of sixteenth and seventeenth century material in the United States, now in Widener Library, and all the books in the Treasure Room will be moved there. This transfer will relieve in part the critical shortage of space in the library.

NOMINATIONS are solicited for the 1941 award of \$1,000 established by Mead Johnson and Company to promote researches dealing with the B-complex vitamins. The recipient will be chosen by a Committee of Judges of the American Institute of Nutrition and the formal presentation will be made at the annual meeting of the institute at Chicago on April 16, 1941. The award will be given to the laboratory or research worker in the United States or Canada who, in the opinion of the judges, has published during the previous calendar year the most meritorious scientific report dealing with the field of the B-complex vitamins. Membership in the American Institute of Nutrition is not a requisite of eligibility for the award. Nominations for work published in 1940 must be in the hands

of the secretary by January 25, 1941. They should be accompanied by such data relative to the nominee and his research as will facilitate the task of the committee in its consideration of the nominations. Correspondence should be addressed to Dr. L. A. Maynard, secretary of the American Institute of Nutrition, Laboratory of Animal Nutrition, Cornell University, Ithaca, New York.

THE *Journal* of the American Medical Association states that the Chicago Heart Association, Inc., has received from the Clara A. Abbott Trust a gift of \$27,000 to be added to the Memorial Fund founded in memory of Morris Fishbein, Jr. The money is to be used either by itself or with other funds of the society for the study and treatment of diseases of the heart and the circulation. A fellowship is to be established in a hospital or medical school in Chicago, which will be devoted primarily to the study of the cause and treatment of rheumatic fever. The Clara A. Abbott Trust has already donated millions of dollars to the University of Chicago, to Northwestern University and to the Evanston Hospital, since the purpose of the Clara A. Abbott Trust is to aid the care of the sick and the advancement of medical science. The Memorial Fund of the Chicago Heart Association, now almost \$40,000, was established in 1929 by Dr. Morris Fishbein, editor of the *Journal* of the American Medical Association, and Mrs. Fishbein, at the time of the death of their son from rheumatic fever. The fund is administered by a self-perpetuating committee of five, including Drs. Robert B. Preble, Newell C. Gilbert, James B. Herrick, Walter W. Hamburger and Morris Fishbein.

THE *Lancet* reports that the outbreak of war had an unfortunate paralyzing effect on organized medical research, more particularly on the work of the special institutes in London whose staffs were dispersed to the various sectors or to emergency public-health laboratories throughout the country. The Lister Institute, with the exception of its biochemical and biophysical departments, shared in the general exodus, but it had at Elstree a country home for its bacteriological staff, the division of nutrition was accommodated at Cambridge, while individual members of the staff found refuge in other research institutes. As a result, the latest annual report, giving an account of the extensive researches in bacteriology, nutrition and biochemistry of the institute, bears little imprint of disorganization.

DISCUSSION

EDUCATION AND PARTICIPATION IN SCIENCE

LAYMEN scientists or amateurs from time to time have made important contributions to research in the

physical and natural sciences. Such persons, although lacking professional training, often become experts in their field and learn the spirit and method of science through actual apprenticeship. To test the effective-