

writing to The American forestry Association, 1713 K Street, N.W., Washington, D. C. Room reservations will be made by the association, or they can be obtained by writing directly to the Forest Hills Hotel, Franconia, New Hampshire.

OBITUARY

DR. FRANK R. VAN HORN, professor of geology and mineralogy in the Case School of Applied Science, Cleveland, councilor of the Geological Society of America and secretary of the Mineralogical Society of America, died on August 1 at the age of sixty-one years.

JOHN R. DYER, executive dean and professor of psychology at the southern branch of the University

of Idaho, was killed in an automobile accident on August 5. He was forty-four years old.

DR. ROBERT EMERSON WALL, assistant professor of entomology at the Montana Agricultural Experiment Station, died on July 29 in his thirtieth year.

BERT RUSSELL, associate examiner at the Patent Office in charge of chemical cases, died by suicide on July 31.

CLIVE E. LORD, director of the Tasmanian Museum and Art Gallery, known for his work on the natural history of Tasmania, has died at the age of forty-three years.

THE death at the age of sixty-two years is announced of Professor Dr. Georges Joannovic, dean of the Faculty of Medicine in Belgrade, of which he was the founder.

SCIENTIFIC NOTES AND NEWS

PRESIDENT ROOSEVELT has issued the following executive order: "The National Research Council was created at the request of President Wilson in 1916 and perpetuated by Executive Order No. 2859, signed by President Wilson on May 11, 1918. In order to carry out to the fullest extent the intent of the above Executive Order, there is hereby created a Science Advisory Board with authority, acting through the machinery and under the jurisdiction of the National Academy of Sciences and the National Research Council, to appoint committees to deal with specific problems in the various departments. The Science Advisory Board of the National Research Council will consist of the following members who are hereby appointed for a period of two years: Karl T. Compton, *chairman*, president, Massachusetts Institute of Technology; W. W. Campbell, president, National Academy of Sciences, Washington, D. C.; Isaiah Bowman, chairman, National Research Council, and director, American Geographical Society, New York City; Gano Dunn, president, J. G. White Engineering Corporation, New York City; Frank B. Jewett, vice-president, American Telephone and Telegraph Company, and president, Bell Telephone Laboratories; Charles F. Kettering, vice-president, General Motors Corporation, and president, General Motors Research Corporation, Detroit; C. K. Leith, professor of geology, University of Wisconsin; John C. Merriam, president, Carnegie Institution of Washington; R. A. Millikan, director, Norman Bridge Laboratory of Physics, and chairman of the Executive Council, California Institute of Technology."

PROFESSOR GEORGE R. MINOT, of the Harvard Medical School and director of the Thorndike Memorial Laboratory in the Boston City Hospital, discoverer in 1926 of the liver treatment for pernicious anemia, has

been awarded the Moxon Gold Medal of the Royal College of Physicians, London.

DR. ARTHUR H. COMPTON, professor of physics in the University of Chicago, has been elected president of the alumni of Wooster College.

DR. A. ROBERTSON, of the London School of Hygiene and Tropical Medicine, has been appointed to the Heath Harrison chair of organic chemistry at the University of Liverpool, in succession to Professor I. M. Heilbron, who resigned recently.

DR. RALPH M. F. PICKEN, medical officer of health of the City of Cardiff, Wales, has been appointed Mansel Talbot professor of preventive medicine in the Welsh National School of Medicine, Cardiff, in succession to Professor E. L. Collis, who is retiring.

DR. H. JONES has been appointed lecturer in theoretical physics at the University of Bristol.

THE title of professor of medical entomology has been conferred on Dr. P. A. Buxton, of the London School of Hygiene and Tropical Medicine, and that of professor of pharmacology on Dr. J. H. Burn, director of the pharmacological laboratory of the Pharmaceutical Society, by the University of London.

THE Medical Research Council has appointed Professor Edward Mellanby secretary in succession to the late Sir Walter Morley Fletcher. Dr. Mellanby, who has been professor of pharmacology in the University of Sheffield since 1920, is at present a member of the council. He will not assume full duty as secretary until next January. The secretary of the Medical Research Council is *ex officio* secretary of the Committee of Privy Council for Medical Research.

Nature reports that Dr. W. L. Balls, director of the Botanical Section, Ministry of Agriculture, Egypt,

has been appointed cotton technologist to the Ministry of Agriculture, Egypt. Dr. J. Templeton has been appointed director of the Botanical Section in succession to Dr. Balls. Dr. Templeton has been in the service of the Egyptian Government since 1921, prior to which he was a lecturer in the Botanical Department of the University of Edinburgh. A. Jones has been appointed to be assistant superintendent of agriculture, Gold Coast.

THE Linnean Society of London has elected foreign members as follows: Dr. Elmer D. Merrill, director of the New York Botanical Garden; Dr. Erwin Baur, director of the Kaiser-Wilhelm Institute of Genetics, Müncheberg; Dr. Adolf Pascher, professor of botany in the German University, Prague, and Dr. Filippo Silvestri, professor of genetics and agrarian zoology, Portici.

DR. EGAS MONIZ, of Lisbon, and Dr. De Beco, of Liège, have been elected foreign corresponding members of the Paris Academy of Medicine.

THE degree of doctor of science was recently conferred in biochemistry by the University of London on A. G. Norman, Rothamsted Experimental Station, for a published work entitled "The Biological Decomposition of Plant Materials," and in biology on Dr. R. Ruggles Gates, professor of botany at King's College, for published works on mutation, heredity, eugenics and evolution.

THE College of Physicians of Philadelphia announces that the Alvarenga Prize, amounting to about \$300, has been awarded to Drs. Harry Shay and Jacob Gershon-Cohen, Philadelphia, for their essay entitled "Experimental Studies in Gastric Physiology in Man." The prize essay may be on any subject in medicine and must represent an addition to the knowledge and understanding of the subject, based on either original or literary research. It was not awarded in 1932.

DR. WERNER E. BACHMANN, assistant professor of organic chemistry at the University of Michigan, was recently named the recipient of the Henry Russel award, made annually to a member of the faculty in recognition of scholarly achievement and promise.

DR. WALTER B. CANNON, George Higginson professor of physiology at the Harvard Medical School, has been elected a trustee of Radcliffe College, for a three-year term.

DR. ROBERT MARSHALL, collaborator of the U. S. Forest Service, has been appointed director of forestry in the Indian Service.

DR. GEORGE H. BIGELOW, Massachusetts State Commissioner of Public Health since 1925, has resigned

to become director of the Massachusetts General Hospital. Dr. Henry D. Chadwick, of Westfield and Detroit, has been appointed health commissioner.

DR. L. A. RAMADA has been placed in charge of a section of agricultural meteorology of the Meteorological Department of India, which was established, according to *The Experiment Station Record*, for a period of three years at Poona, financed by the Imperial Council of Agricultural Research.

THE Committee on Scientific Research of the American Medical Association has made a grant to Dr. and Mrs. Frederic Gibbs to provide for the completion of their study of the convulsion threshold of various parts of the cat's brain. The committee has also made an additional grant to Dr. C. C. Speidel, professor of anatomy in the University of Virginia Medical School, in support of his studies of living nerves.

DR. RICHARD C. TOLMAN, professor of physical chemistry at the California Institute of Technology, sailed for Europe on August 2.

DR. WILLIAM BEEBE, director of the department of tropical research of the New York Zoological Society, has returned from a trip to the Gulf of Panama.

A SPECIAL cable from Moscow to *The New York Times* reports that Dr. Roy Chapman Andrews, of the American Museum of Natural History, is in Moscow to discuss plans for a geological exploration trip to Soviet Central Asia which he hopes to make next year jointly with the Leningrad Academy of Science.

AN Associated Press dispatch reports that a hill at Newport, Isle of Wight, has been named for Dr. Fridtjof Nansen, the Norwegian explorer and diplomat, and presented to the British nation by Dr. Howard Whitehouse, warden of a school. Nansen Hill commands a fine view of the English Channel.

GEORGE CLINTON SWALLOW, first professor of geology, chemistry and agriculture and first dean of the College of Agriculture at the University of Missouri, was honored during commencement activities, when a bronze tablet at the entrance to Swallow Hall was unveiled. Speakers included Dean F. B. Mumford, of the College of Agriculture; Dr. Benjamin F. Hoffman, emeritus professor of Germanic languages, who was one of Dr. Swallow's students; Wilford Cline, Atlanta, representing the Geological Club of the university, and E. A. Trowbridge, Jr., representing the Agricultural Club. Dr. Edwin B. Branson, professor of geology, was in charge of program arrangements. The tablet bears the following inscription: "George Clinton Swallow, A.M., M.D., LL.D., 1817-1899. First

professor of geology, chemistry, agriculture, and first dean of the College of Agriculture, University of Missouri. First State Geologist of Missouri. Erected by Boone County Historical Society, Agricultural Club and Geological Club." Dr. Swallow began his career in the university on January, 1852. He resigned in 1853 to become state geologist, but returned to the university in 1870, remaining until 1882.

The British Medical Journal reports that the German Physiological Congress, which was to have been held this year at Innsbruck, has been indefinitely postponed. The following German congresses will be held in September: Society for Thalassotherapy at Norderney in the first week of September; twenty-second congress of the Society for Forensic and Social Medicine at Munich, September 4 to 7; Society for Study of Heredity at Göttingen, September 6 to 9; Society of History of Medicine at Erfurt, September 9 and 10; Orthopaedic Society at Leipzig, September 11 to 13; Society for Microbiology at Munich, September 21 to 23.

ABOUT 1,000 men in many states will be returned to work by the Department of Commerce as a result of the allocation of \$2,600,000 by the Public Works Administration to the Coast and Geodetic Survey, according to an announcement made by Secretary Roper. Secretary Roper stated that the money will be expended within the next twelve months for the purpose of conducting surveying work throughout the country and along the Atlantic, Gulf and Pacific coasts. About 70 per cent. of the fund will be paid out directly as wages to men urgently in need of work, and the remainder will be spent chiefly for the operation of surveying parties. The work, while technical in character, is of such importance that, in spite of the recent depression, three states—North Carolina, California and New Jersey—have voluntarily contributed state funds in order that the work within their boundaries might be completed more promptly under the direction of the survey than would otherwise be possible.

Nature reports that the British Genetical Society is raising a fund for the benefit of genetical workers,

regardless of nationality, who have lost their positions as a result of racial or political discrimination, to be administered by the society's committee, in cooperation with relief organizations. Grants will be made to as many individuals as the sum subscribed will warrant, in order to assist them to carry on research work in the British Empire.

A GRANT of \$58,500 has been made to the Washington University School of Medicine from the Rockefeller Foundation towards the expense of conducting a five-year research project in the physiology of the nervous system. This grant will provide for the expansion of a comprehensive program of research on the nervous system, which has been under way in the School of Medicine for a number of years and in which several of the departments of the school have cooperated. The work to be done under the present grant will be conducted chiefly by Dr. George H. Bishop, professor of biophysics in the Washington University School of Medicine, and by Dr. S. Howard Bartley, research associate of biophysics and psychology. The work, which will be done in the laboratories of the Oscar Johnson Institute for Research, is based on the fundamental series of investigations on the nature of nervous activity carried out by Dr. Joseph Erlanger and Dr. Herbert S. Gasser, now of the Cornell University Medical College, and their associates in the department of physiology.

WITH a total number of 1,471,016 visitors checked through its doors from January 1 to July 23, inclusive, the Field Museum, Chicago, has had a gain in attendance of 585,057 persons thus far in 1933, or more than 66 per cent. as compared with 1932, when up to the same date the total attendance was 885,959. While a certain amount of this increase may be attributed to the museum's proximity to the grounds of A Century of Progress Exposition, there is said to be a large normal increase. The attendance from January 1 to May 26, 1933, inclusive (the period prior to the opening of the exposition), was 707,245, which compares with the 549,407 registered between the same two dates of 1932. Thus the pre-exposition period of 1933 shows an increase of 157,838, or more than 28 per cent. over 1932.

DISCUSSION

THE SCIENTIFIC WORK OF THE GOVERNMENT

AN appeal to the President on behalf of the scientific work of the government, recently much curtailed by cuts in appropriations, has been circulated in New York for signatures. It reads:

The undersigned hereby protests against the recent wholesale reductions, amounting to more than ten mil-

lion dollars, in the Government appropriations for the Bureau of Standards, the Public Health Service, the Geological Survey, the Bureau of Mines, the Bureau of Fisheries, the various State agricultural experiment stations, and many other testing and research activities.

These reductions will result or have already resulted in the temporary or permanent dismissal of many hundreds of trained, able, and efficient scientists. They mean that many research projects of great importance for the