

Secretary of Section N for 1922: A. J. Goldfarb, College of the City of New York, New York, N. Y.

Members of the Council: J. McKeen Cattell (to retire at the end of 1924), Garrison-on-Hudson, N. Y.; F. G. Cottrell (to retire at the end of 1924), National Research Council, Washington, D. C.; Henry C. Cowles (to retire at the end of 1925), the University of Chicago, and John C. Merriam (to retire at the end of 1925), the Carnegie Institution of Washington.

Members of the Executive Committee: Simon Flexner and W. J. Humphreys were elected to succeed themselves, as members of the executive committee (to retire at the end of 1925).

The following were appointed to membership in the Committee on Grants, to succeed Henry Crew, Joel Stebbins and G. H. Parker, who retired at the end of 1921: E. G. Conklin (to retire at the end of 1925), Princeton University, E. L. Nichols (to retire at the end of 1925), Cornell University, and F. R. Moulton (to retire at the end of 1922), the University of Chicago.

SCIENTIFIC NOTES AND NEWS

DR. EDGAR F. SMITH, provost emeritus of the University of Pennsylvania, has been elected an honorary member of the Chemical, Metallurgical and Mining Society of South Africa.

CHARLES W. GOODALE has been awarded the gold medal of the Mining and Metallurgical Society of America for distinguished service in increasing the safety of men in mining and metallurgical operations.

DR. F. G. COTTRELL, of the National Research Council, has been elected an honorary member of the French Society of Chemical Industry.

THE American Society of Agricultural Engineers has elected A. J. R. Curtiss, of Chicago, president for the coming year.

ACCORDING to the *Journal* of the Washington Academy of Sciences, the following Washington scientific men have been appointed members of the technical staff of the American delegation to the Conference on the Limitation of Armament: Dr. L. W. Austin, radio specialist of the Navy Department; Dr. J. H. Dellinger, chief of radio investigations at the

Bureau of Standards; Gen. Amos E. Fries, chief of the Chemical Warfare Service of the Army; Gen. George O. Squier, chief of the Signal Corps of the Army; and Dr. S. W. Stratton, director of the Bureau of Standards.

At the recent meeting of the American Association of Anatomists in New Haven, the following officers were elected: *President*, Clarence M. Jackson, University of Minnesota; *Vice-President*, Harold D. Senior, New York University; *Secretary-Treasurer*, Lewis H. Weed, Johns Hopkins University; *Members of the Executive Committee*: Davenport Hooker, University of Pittsburgh, and Benjamin F. Kingsbury, Cornell University.

CELEBRATIONS were held at Liège on December 4, in honor of the completion of fifty years of scientific work of Professor Leon Frédéricq. A bas-relief portrait of himself in bronze was presented to him, and this will be placed later in the Institute of Physiology at Liège. Representatives of the Universities of Lausanne and of Strasbourg conferred honorary degrees upon Professor Frédéricq.

A DUTCH pharmacist, Dr. H. Baljet, of Arnheim, has been awarded the Davy prize by the University of Geneva for an essay on the dosage of digitalis.

THE docent of neurology at the Karolinska Mediko-Kirurgiska Institut at Stockholm, Dr. N. Antoni, has been awarded the Lennmalm prize for 1921 by the Swedish Medical Association.

S. J. SPEAK has been elected president of the Institution of Mining and Metallurgy, London.

DR. ROBERT N. NYE, formerly research assistant to Dr. F. B. Mallory, has accepted the position of assistant director of the division of biologic laboratories of the Massachusetts State Department of Public Health.

DR. WILLIAM A. PERLZWEIG has resigned the position of biochemist in the New York branch of the Hygienic Laboratory and has accepted an appointment as chemist to the Medical Clinic of the Johns Hopkins University.

A MEDICAL scholarship for women is to be established in the University of California in memory of Dr. Sarah Sluey of the class of 1876. Dr. Sluey was the first woman who graduated in medicine from the university.

T. M. JASPER, assistant professor of mechanics at the University of Wisconsin, has been placed in charge of tests in the joint investigation of the fatigue of metals, being carried on at the Engineering Experiment Station of the University of Illinois, in conjunction with the National Research Council and the Engineering Foundation.

MR. PHILIP L. GILE, formerly connected with the American Agricultural Chemical Company, in their agricultural service bureau, and for eleven years prior to that position chemist of the Porto Rico Agricultural Experiment Station, is at present in charge of the division of soil chemical investigations of the Bureau of Soils, U. S. Department of Agriculture, Washington, D. C.

At the annual general meeting of the Harveian Society, held in London on January 12, Dr. G. de Bee Turtle delivered the presidential address on "Some Points on Spasm in the Alimentary Tract."

ALFRED H. BROOKS, of the United States Geological Survey, retiring president of the Washington Academy of Sciences, delivered an address on "The Scientist in the Federal Service" at the annual meeting held at the Carnegie Institution on January 10.

WARREN T. CLARKE, professor of agricultural extension of the University of California, has been invited as a guest of the Pacific Mail Steamship Company to study the control of ants on shipboard. He sailed on December 12 on the *Columbia* which makes Mexican and Central American ports passing through the Canal and proceeding by way of Havana to Baltimore.

THE American Society for Testing Materials and the United States Forest Service have been designated by the American Engineering Standards Committee as joint sponsors for the development of uniform standard methods of

testing wood. This action was taken as the result of a canvass made of the principal national bodies concerned with the proposed project, from which it was apparent that there is a real demand for the work, and that the joint sponsorship here indicated would be acceptable to the industry.

A CONFERENCE under the auspices of the National Research Council in Washington was held on December 23 to consider the problem of the university and college student of superior attainment. The conference was attended by Frank Aydelotte, president of Swarthmore College; S. P. Capen, director of the American Council on Education; J. Crosby Chapman, associate professor of educational psychology, Yale University; John J. Coss, assistant professor of philosophy, Columbia University; Louis T. More, professor of physics, University of Cincinnati; A. A. Potter, dean of the schools of engineering, Purdue University; J. J. Tigert, United States commissioner of education; Ernest H. Wilkins, professor of romance languages, University of Chicago; C. E. Seashore, professor of psychology, University of Iowa, and chairman of the Division of Anthropology and Psychology, National Research Council, and A. L. Barrows, assistant secretary of the National Research Council. Dr. Vernon Kellogg, permanent secretary of the council and chairman of the Division of Educational Relations, presided. General discussions, specially introduced by various members of the conference, were had of such subjects as honors courses, fellowships, special privileges, sectioning of classes, analyzed ratings, etc. Various suggestions were made of work which might be done to stimulate interest in and active attention to the problem by university and college faculties, and a resolution was passed urging the National Research Council to continue and extend work along the line already undertaken by it.

THE *London Times* announces that the council of the Royal Horticultural Society has become responsible for continuing the publication of Curtis's *Botanical Magazine*. During the war the number of subscribers fell and,

when Messrs. Lovell Reeve & Co., who had bought the magazine from the Curtis family in 1845, found themselves unable to continue the publication, they offered the copyright to Kew for £250. Although the botanical authorities would gladly have carried on the publication, the government refused to sanction the purchase, and at one time there was considerable anxiety lest the copyright should be sold and cross the Atlantic. At a dinner of some leading horticulturists on the first night of the Chelsea Show the feeling was so strong that the magazine must remain in England that the requisite sum was guaranteed at once and the copyright was purchased on the following day. The next step was to propose to allow the magazine to appear as an official publication from Kew; but the Treasury refused to sanction the conditions imposed by the new owners. The latter then approached the council of the Royal Horticultural Society, with the result that it is hoped to resume publication in 1922, and an early announcement will be made as soon as the negotiations and arrangements are complete.

THE Elgin Observatory of the Elgin National Watch Company, at Elgin, Illinois, on Armistice Day, November 11, 1921, obtained its first chronographic record of the French scientific radio time signals from the LaFayette Station, Bordeaux, France, at a distance of 4,400 miles. The recording apparatus devised by Frank D. Urie is entirely automatic, the incoming radial signals controlling the movement of the chronographic pen. The receiving aerial is a small one consisting of a single wire 180 feet long and 30 feet high.

WE learn from the *Journal* of the American Medical Association that a bill has been introduced in the Senate and House of Representatives to "reorganize and promote the efficiency of the United States Public Health Service." It is known as the Watson-Dyer bill. The bill provides for 550 officers of the reserve corps of the Public Health Service, including 50 dental surgeons and 50 scientists other than medical officers, who may be transferred to and commissioned in the regular corps of commissioned officers of the Public Health Service

by the President, in the grades of assistant surgeon, passed assistant surgeon, surgeon, senior surgeon, and assistant surgeon-general. Officers in the last grade will be known as medical directors. No officer will be commissioned or promoted until after passing an examination before a board of regular commissioned officers of the Public Health Service. The bill further provides that no reserve officer shall be commissioned in the regular corps of the Public Health Service who has not had three years' satisfactory service in the army, navy or Public Health Service, a part of which service must have been between April 6, 1917, and November 11, 1918. There are only 200 regular commissioned officers in the Public Health Service at present. They are largely engaged in administration, scientific research, industrial and child hygiene, neuropsychiatry, domestic and foreign quarantine, immigration, prevention of venereal diseases, public health education, and other matters pertaining to public health. There are about one thousand commissioned officers of the reserve of the Public Health Service on active duty, caring for ex-service men. These officers are indispensable, yet they have no fixed tenure of appointment. The Watson-Dyer bill transfers at least half of them to the regular service without any additional expense.

UNIVERSITY AND EDUCATIONAL NOTES

MR. GEORGE F. BAKER, chairman of the board of directors of the First National Bank, has given \$700,000 to Columbia University for the purchase of an athletic field on Dyckman Street. The property, which comprises twenty-six acres, will be developed at a cost of about \$3,000,000.

THE University of North Carolina has received the sum of \$26,000 for the establishment of the Graham Kenan fellowship in philosophy. The gift was made by Mrs. Graham Kenan in memory of her late husband.

PROFESSOR WM. R. WORK, of the Carnegie Institute of Technology, has been placed in charge of the department of electrical engineer-