

Washington on April 30 and May 1. In addition to the twelve reappointments and seventeen new appointments voted at the February meeting, seventeen further reappointments and twenty first appointments were made at the current meeting, as follows:

REAPPOINTMENTS

For domestic study: G. W. Beadle, agriculture; Ralph L. Beals, anthropology; P. J. Daughenbaugh, biochemistry; R. K. Enders, zoology; Paul E. Fields, psychology; F. L. Howard, botany; A. W. Kozelka, zoology; W. E. Lammerts, botany; C. E. Leese, zoology; R. B. Loucks, psychology; Helen Mar Miller, zoology; C. W. Watson, forestry; G. R. Wendt, psychology.

For study abroad: J. P. Greenstein, biochemistry; David B. Hand, biochemistry; C. H. McConnell, zoology; C. V. Smythe, biochemistry.

NEW APPOINTMENTS

For domestic study: M. P. Backus, botany; Abram G. Bayroff, psychology; C. R. Carpenter, psychology; A. E. Clarke, agriculture; Kenneth D. Doak, agriculture; C. R. Garvey, psychology; W. F. Hahnert, zoology; A. Hollander, biochemistry; T. L. Jahn, zoology; Barbara McClintock, botany; Florence E. Meier, botany; W. O. Nelson, zoology; Donald M. Purdy, psychology; A. E. Saeger, botany; Burch H. Schneider, agriculture; George D. Snell, zoology; J. M. Valentine, zoology; J. Volkmann, psychology.

For study abroad: Marc A. Graubard, zoology; E. L. Proebsting, agriculture.

In accordance with the plan of rotation in membership of the board the terms of the following members expire on June 30 of this year: H. H. Bartlett, botany; F. R. Lillie, zoology, and E. L. Thorndike, psychology. To complete the membership in these three fields, the National Research Council has appointed E. W. Sinnott, of Columbia University, for botany; M. H. Jacobs, of the University of Pennsylvania, for zoology, and Madison Bentley, of Cornell University, for psychology.

Meetings for 1932-33 awards will be held approximately early in February and either in April or May of next year. More definite announcement concerning these will be made in *SCIENCE* in the fall. Information and application forms may be obtained at any time from the Secretary, Board of National Research Fellowships in the Biological Sciences, National Research Council, Washington, D. C.

FRANK R. LILLIE, *Chairman*

Board of National Research Fellowships in the Biological Sciences

THE DIAMOND JUBILEE OF THE ST. LOUIS ACADEMY OF SCIENCE

THE St. Louis Academy of Science celebrated on April 14 and 15 the diamond jubilee of its founda-

tion. The event was featured by a lecture delivered on April 14 by Dr. Robert G. Aitken, director of the Lick Observatory, who described some of the recent advances in astronomy. On the following evening the jubilee dinner was held.

The academy, which has lately been affiliated with the American Association for the Advancement of Science, was founded on March 10, 1856, under the presidency of George Engelmann, the well-known botanist. Its purpose was the practice and encouragement of research in various branches of science, the building up of a scientific library and the formation of a museum. From the beginning it formed a forum for the presentation and subsequent publication of researches in botany, geology, natural history, physics, chemistry, etc. Many of the original papers of George Engelmann, Hiram A. Prout, Benjamin F. Shumard, George S. Swallow, F. E. Nipher and William Trelease are found in the twenty-six volumes of the *Proceedings* which have been published. The academy maintains exchanges with a large number of the learned academies and societies of Europe and America.

Some of the present officers of the academy are Dr. Alfred F. Satterthwait, of the U. S. Bureau of Entomology, *president*; Dean Walter E. McCourt and John J. Liehter, *vice-presidents*; Dean Alexander S. Langsdorf, of Washington University, *recording secretary*; James I. Shannon, St. Louis University, *corresponding secretary*; Albert Kuntz, St. Louis University, *librarian*, and J. D. Robertson, *treasurer*.

THE AMERICAN ACADEMY OF ARTS AND SCIENCES

At the annual meeting of the American Academy of Arts and Sciences, held at 28 Newbury Street, Boston, on May 13, the following fellows were elected in the scientific classes:

CLASS I

Mathematical and Physical Sciences

Charles Harold Berry, Harvard University.
Karl Taylor Compton, the Massachusetts Institute of Technology.
George Russell Harrison, the Massachusetts Institute of Technology.
George Leonard Hosmer, the Massachusetts Institute of Technology.
Robert Bruce Lindsay, Brown University.
William Albert Noyes, Jr., Brown University.
Otto Oldenberg, Harvard University.
George Rutledge, the Massachusetts Institute of Technology.

CLASS II

Natural and Physiological Sciences

George Blumer, Yale University.
William Bosworth Castle, Harvard Medical School.

Eugene Floyd Du Bois, Cornell Medical College.

William King Gregory, the American Museum of Natural History.

George Francis McEwen, the Scripps Institution, La Jolla, California.

Charles Alfred Weatherby, the Gray Herbarium, Harvard University.

Foreign Honorary Members

Ludwig Diels, Berlin.

August Krogh, Copenhagen.

Karl Willy Wagner, Berlin.

The following officers of the academy were elected:

President, Jeremiah D. M. Ford.

Vice-president for Class I, Harry M. Goodwin.

Vice-president for Class II, Walter B. Cannon.

Vice-president for Class III, Edwin F. Gay.

Vice-president for Class IV, Charles B. Gulick.

Corresponding Secretary, Tenney L. Davis.

Recording Secretary, Walter E. Clark.

Treasurer, Ingersoll Bowditch.

Librarian, Alfred C. Lane.

Editor, Herbert V. Neal.

On the recommendation of the Rumford Committee, the academy voted to award the Rumford Medals to Dr. Karl T. Compton, for his researches in thermionics and spectroscopy.

SCIENTIFIC NOTES AND NEWS

At a dinner given by the Wistar Institute of Anatomy at the Hotel Bellevue-Stratford, Philadelphia, Dr. Simon H. Gage, emeritus professor of histology and embryology at Cornell University, was the guest of honor, on the occasion of his eightieth birthday on May 20.

DR. HARLOW SHAPLEY, director of the Harvard College Observatory, has been elected an honorary foreign member of the Royal Swedish Physiographic Society of Lund, and a foreign correspondent of the Royal Lombard Institute of Science and Letters.

DR. ALEXANDER WETMORE, assistant secretary of the Smithsonian Institution, has been elected an honorary member of the Société Orthologique et Mammalogique de France.

PROFESSOR ALBERT EINSTEIN, preliminary to delivering the third and last of his series of Rhodes Memorial Lectures at the University of Oxford on May 23, received from the university the degree of doctor of science.

THE University of Belfast will confer the honorary doctorate of science on Dr. Joseph Barcroft, professor of physiology at the University of Cambridge.

THE doctorate of laws was conferred by Queen's University, Canada, on May 6, on Dr. H. T. Güssow, Dominion botanist and chief of the Phytopathological Service of the Dominion of Canada. Dr. Güssow has also been elected a fellow of the Royal Society of Canada.

DR. PAUL ANDERSON, dean of the School of Engineering of the University of Kentucky, was the guest of honor at the annual spring dinner of the Kentucky Society in New York.

DR. CHARLES LANE POOR will retire from the chair of celestial mechanics at Columbia University at the

close of the academic year. Dr. Poor's permanent address will be Dering Harbor, Greenport, Maine.

DR. MAURICE B. VISSCHER, professor of physiology and pharmacology at the University of Southern California, has been appointed professor of physiology at the University of Illinois College of Medicine in Chicago. He will occupy the chair formerly held by the late Professor George P. Dreyer. The new laboratories for physiology will be ready for occupancy during the summer.

DR. BORIS A. BAKHMETEFF, who was undersecretary of state and later ambassador to the United States during the Kerensky régime in Russia, has been appointed professor of civil engineering at Columbia University. He has been a consulting engineer in New York since 1922.

DR. RALPH D. BENNETT, who for the past year has been assisting Professor Arthur H. Compton in preparing for a series of experiments on cosmic rays, has been appointed associate professor of electrical engineering at the Massachusetts Institute of Technology.

DR. LOUIS B. SLICHTER has been appointed associate professor in the department of geology at the Massachusetts Institute of Technology. Dr. Slichter is a graduate of the University of Wisconsin, where he received the degree of doctor of philosophy in mathematical physics. During the war, he carried on research on the detection of submarines, and later formed, together with Dr. Max Mason, now president of the Rockefeller Foundation, a geophysical prospecting company for the location of mineral deposits. During the past year he has been engaged in the mathematical study of scientific geophysical problems at the California Institute of Technology.