

laboratory to scientists driven out of Denmark, Finland and Norway. At the University of Stockholm, Professor John Runnström has crowded into his institute refugee scientists who have come from nine different nations. In Zurich, Professor L. Ruzicka, of the Technische Hochschule, has welcomed to his laboratory refugees who represent most of the occupied countries of Europe. In all these laboratories, reports from hosts and guests alike speak with deep satisfaction of the opportunity to continue their basic research in a world of confusion and catastrophe.

The work of Dr. Georg von Hevesy illustrates this same undaunted spirit. He has been twice a refugee. Driven out of the University of Freiburg in the early days of the Hitler regime, he went to the University of Copenhagen. Driven out of Copenhagen by the Nazis in 1943, he went to the University of Stockholm. In November, 1944, he was awarded the Nobel prize in chemistry.

THE AMERICAN PHILOSOPHICAL SOCIETY

THE following is the list of officers and members elected on April 19 by the American Philosophical Society, Philadelphia:

President: Thomas S. Gates.

Vice-presidents: William B. Dinsmoor, A. Newton Richards, Harlow Shapley.

Secretaries: W. F. G. Swann, Ernest M. Patterson.

Curator: John Story Jenks.

Treasurer: Fidelity-Philadelphia Trust Company.

Councillors (to serve for three years): Karl K. Darrow, *Class I*; Edwin G. Conklin, *Class II*; Nicholas Kelley, *Class III*; Carl W. Blegen, *Class IV*.

The following fifteen residents and five foreign residents were elected:

CLASS I—MATHEMATICAL AND PHYSICAL SCIENCES

Subrahmanyan Chandrasekhar, Williams Bay, Wisconsin.
Bradley Dewey, Cambridge, Massachusetts.
Carl Shipp Marvel, Urbana, Illinois.
J. Robert Oppenheimer, Berkeley, California.

Foreign

Harold Bohr, Copenhagen, Denmark.
Georges Lemaître, Louvain, Belgium.

CLASS II—GEOLOGICAL AND BIOLOGICAL SCIENCES

George Wells Beadle, Stanford University, California.
Edwin Garrigues Boring, Cambridge, Massachusetts.
Edwin Broun Fred, Madison, Wisconsin.
Elmer Verner McCollum, Baltimore, Maryland.

Foreign

Frederic Charles Bartlett, Cambridge, England.

CLASS III—SOCIAL SCIENCES

Herbert Heaton, Minneapolis, Minnesota.
Roy Franklin Nichols, Swarthmore, Pennsylvania.

Frank W. Allace, Notestein, Princeton, New Jersey.
Donald Ramsey Young, Washington, D. C.

CLASS IV—HUMANITIES

Kemp Malone, Baltimore, Maryland.
Henry Ernest Sigerist, Baltimore, Maryland.
Lily Ross Taylor, Bryn Mawr, Pennsylvania.

Foreign

Walter Wilson Greg, Petworth, Sussex, England.
Alan J. B. Wace, Cambridge, England.

ELECTIONS OF THE NATIONAL ACADEMY OF SCIENCES

At the annual meeting of the National Academy of Sciences, which was held in Washington on April 23 and 24, Dr. Luther P. Eisenhart was elected vice-president for a four-year term, ending June 30, 1949. Drs. W. M. Stanley and John T. Tate were elected members of the council for a three-year term, ending June 30, 1948.

The following members were elected:

Alfred Blalock, professor of surgery, the Johns Hopkins University.

Edward Hull Cochrane (Rear Admiral), chief of bureau of ships, in charge of design, construction, repair and maintenance of the Fleet, Washington, D. C.

Henry Eyring, professor of chemistry, Princeton University.

Enrico Fermi, professor of physics, Columbia University.
James L. Gamble, professor of pediatrics, Harvard Medical School.

Henry Gilman, professor of organic chemistry, Iowa State College.

Beno Gutenberg, professor of geophysics, California Institute of Technology.

Harold Hibbert, E. B. Eddy professor of industrial and cellulose chemistry, McGill University, Canada.

Mervin J. Kelly, executive vice-president, Bell Telephone Laboratories, New York City.

Victor K. La Mer, professor of inorganic chemistry, Columbia University.

George W. Lewis, director of aeronautical research, National Advisory Committee for Aeronautics, Washington, D. C.

Ralph Linton, professor and chairman of the department of anthropology, Columbia University.

Clarence Cook Little, director of the Roscoe B. Jackson Memorial Laboratory and managing director of the American Society for the Control of Cancer, Bar Harbor, Maine.

Paul C. Mangelsdorf, professor of economic botany and assistant director of the Botanical Museum, Harvard University.

John H. Mueller, professor of bacteriology and immunology, Harvard University.

John R. Paul, professor of preventive medicine, Yale University.

John B. Reeside, Jr., U. S. Geological Survey, in charge of paleontology and stratigraphy, Washington, D. C.

Francis W. Reichelderfer, chief, United States Weather Bureau.

William W. Rubey, chief, Division of Areal Geology and Basic Science, U. S. Geological Survey; chairman, Division of Geology and Geography, National Research Council.

Homer W. Smith, professor of physiology and director, Physiological Laboratory, New York University.

William C. Stadie, professor of research medicine, University of Pennsylvania.

Otto Stern, professor of physics and director of Research Laboratory of Molecular Physics, Carnegie Institute of Technology, Pittsburgh.

Harald Ulrick Sverdrup, director and professor of oceanography, Scripps Institution of Oceanography, La Jolla, Calif.

Cornelius B. van Niel, professor of microbiology, Hopkins Marine Station, Stanford University, Pacific Grove, Calif.

John C(harles) Walker, professor of plant pathology, University of Wisconsin.

Alexander Wetmore, secretary, Smithsonian Institution.

Hassler Whitney, associate professor of applied mathematics, Harvard University.

Eugene P. Wigner, Thomas D. Jones professor of physics, Princeton University.

Robert R. Williams, chemical director, Bell Telephone Laboratories, New York City.

Benjamin H. Willier, Henry Walters professor of zoology, School of Higher Studies, the Johns Hopkins University.

Foreign Associates

Sir (William) Lawrence Bragg, Cavendish professor of experimental physics, University of Cambridge.

Harold Jeffreys, F.R.S., fellow of St. John's College, Cambridge; university lecturer in mathematics.

Paul Karrer, professor of organic chemistry and director of the Chemical Institute, University of Zurich.

The Svedberg, professor of physical chemistry, University of Uppsala.

Sir Geoffrey I. Taylor, F.R.S., lecturer in mathematics and physics, Trinity College, Cambridge; Yarrow professor of the Royal Society in 1923.

SCIENTIFIC NOTES AND NEWS

THE Carty Gold Medal of the National Academy of Sciences, with an honorarium of \$2,500, was presented at Washington on April 23 to Dr. W. F. Durand, professor of mechanical engineering emeritus of Stanford University, a member of the National Advisory Committee for Aeronautics. The medal is awarded every other year for "noteworthy and distinguished contributions in any field of science."

IN tribute to Dr. Frank R. Lillie, Andrew MacLeish distinguished service professor emeritus of embryology of the University of Chicago, the Frank R. Lillie room in the Hull Zoological Laboratory was dedicated on April 12, with Carl R. Moore, chairman of the department of zoology, officiating. Professor Lillie spoke briefly.

THE Bessemer Gold Medal of the British Iron and Steel Institute has been awarded to Harold Wright, chief metallurgist to Dorman, Long and Company, Ltd., Middlesbrough, in recognition of his "valuable contributions made over many years to improve the technique of iron and steel manufacture." The medal will be presented to him on May 9.

THE Association for the Study of Internal Secretions has announced the recipients of the Squibb and the Ciba awards made annually for outstanding researches in endocrinology. The award of E. R. Squibb and Sons was made to Dr. E. C. Kendall, of the Mayo Clinic and the Graduate School of the University of Minnesota, for his discovery of the active principle of the thyroid gland and the more recent fractionation of the hormones of the adrenal cortex.

The award for younger investigators, made possible through the grant of Ciba Pharmaceutical Products, Inc., was given to Dr. Jane Anne Russell, of Yale University, for her work on carbohydrate metabolism as affected by the pituitary, the adrenal and the thyroid glands. Because of the cancellation of the 1945 annual meeting, the formal presentation of the awards will be made at a later date.

DR. CHARLES F. BROOKS, professor of meteorology and director of the Blue Hill Observatory of Harvard University, was recently honored at a dinner on the occasion of the conclusion of twenty-five years of service as secretary of the American Meteorological Society.

Nature reports that the Council of the Royal Society of Edinburgh has awarded the Gunning Victoria Jubilee Prize, for the period 1940-44, to Professor H. W. Turnbull, of the University of St. Andrews, for his distinguished contributions to mathematical science and the history of mathematics; and the Makdougall-Brisbane Prize, for the period 1942-44, jointly to Professor Max Born and Dr. H. W. Peng, of the University of Edinburgh, for their papers on "Quantum Mechanics of Fields" published in the *Proceedings* of the society within the period of the award.

SIR LAWRENCE BRAGG, Cavendish professor of experimental physics at the University of Cambridge, gave a lecture at the Fondation Universitaire in Brussels on science and technical work in relation to