

The East also had plenty of rain this fall, almost enough to make up for the lack earlier in the year. Georgia and Florida were the only exceptions. These two states were seriously dry the latter part of the fall.

THE PRESIDENCY OF THE AMERICAN CHEMICAL SOCIETY

As announced in last week's issue of *SCIENCE* Professor Edward Bartow, of the State University of Iowa, has been elected president of the American Chemical Society for 1936, serving as president-elect during 1935. He was elected from among six candidates nominated by the local sections. The names of these nominees, with biographical sketches, as printed in the news edition of *Industrial and Engineering Chemistry*, are as follows:

EDWARD BARTOW, 64 professor and head of the department of chemistry and chemical engineering, State University of Iowa, Iowa City, which post he has held since 1920. A graduate of Williams College, he received his doctorate from the University of Göttingen and his D.Sc. from Williams College. He has taught at Williams, the University of Kansas and the University of Illinois. He was director of the State Water Survey at Illinois from 1905 to 1917 and chief from 1917 to 1920. He served as lieutenant colonel in the Sanitary Corps, U. S. A., on duty in France, and he has been a member of several important commissions, has been prominent in the work of a number of scientific organizations and has held office in several of these. He has been active in the International Chemical Union, serving as councilor, and at Madrid he was elected vice president for the United States and was made a corresponding member of the Spanish Academy of Science. Dr. Bartow has served the American Chemical Society in many capacities and at present is a member of the board of directors.

W. D. HARKINS, 60, professor of chemistry at the University of Chicago, where he has served as a member of the faculty since 1912. He is a graduate of Stanford University, and received his doctorate there too. He studied also at the University of Chicago and at Karlsruhe. He taught at Stanford and at the University of Montana before going to Chicago, and in 1910 he was research associate at the Massachusetts Institute of Technology. He has served as lecturer at the Mellon Institute and at the University of Illinois, has been consulting chemist for the U. S. Bureau of Mines, and was special agent of the Department of Justice on smelter smoke investigations in 1910-12. He has performed extensive public service, being president of the Missoula Board of Health, and still serves on the Chicago Committee on Ventilation. In 1928 he received the Willard Gibbs Medal of the Chicago Section of the American Chemical Society. He is a member of the National Academy of Sciences, the Philosophical Society, and served as vice president of the American Association for the Advancement of Science in 1920. His work in the field of physical chemistry is outstanding.

ARTHUR J. HILL, 46, chairman of the department of chemistry at Yale University since 1927. He is a graduate of Yale, where he received his Ph.D. in 1913, and since that time he has been connected with the faculty of the university, beginning his service as an instructor, following the completion of his work for the advanced degree. He is a member of the committee on hypnotics and chairman of the Subcommittee on Local Anesthetics of the National Research Council. He served in the Chemical Warfare Service during the world war. He has long rendered valuable service to the American Chemical Society, having been chairman of the New Haven Section in 1925, of the Division of Medicinal Chemistry in 1929, and is now most active in the Division of Organic Chemistry, of which he is the secretary. His principal scientific interests lie in the field of synthetic organic chemistry, biochemistry and medicinal products and dye intermediates.

WALTER S. LANDIS, 53, vice president since 1922 of the American Cyanamid Company, with which he has been associated since 1912, when he became chief technologist in that organization. He is a graduate of Lehigh University, from which institution he also received his master of science degree and the D.Sc. He was a student at Heidelberg 1905-6 and in Aachen in 1910. He was an assistant in metallurgy at Lehigh 1902-4 and was then advanced to an instructorship, next assistant professor from 1910 to 1912. He has served as chairman of the New York Section of the American Chemical Society, also of the Electrochemical Society of which he was president in 1912. He holds membership in the American Institute of Mining and Metallurgical Engineers, the American Institute of Chemical Engineers, and is well known for his research and developments in nitrogen fixation, fertilizers and electric furnace products.

A. S. RICHARDSON, 44, in charge of chemical research of the Procter and Gamble Company since 1921. His training was received at Princeton University, where he received his A.B. in 1913, his A.M. in 1915 and Ph.D. in 1927. He was an instructor in chemistry at Princeton from 1915 to 1917 and again from 1919 to 1920. He was a member of the research staff of E. I. du Pont de Nemours and Company from 1920 to 1921. Dr. Richardson was president of the American Oil Chemists Society in 1931. Besides his activities in the American Chemical Society and the Oil Chemists Society, he is a member of the American Association for the Advancement of Science and of the Chemische Gesellschaft. His scientific interests lie in the fields of catalysis, fats, and soap.

E. R. WEIDLEIN, 47, director of Mellon Institute of Industrial Research since 1921. He is a graduate of the University of Kansas, where he was a fellow from 1909 to 1912, receiving his A.M. in 1910. Tufts College awarded him the honorary D.Sc. in 1924, and the University of Pittsburgh the LL.D. in 1930. He was a senior industrial fellow of the Mellon Institute, a director of the experimental plant from 1912 to 1916 when he became associate director. Dr. Weidlein has been active in a great many scientific enterprises. He has

served as chairman of the Pittsburgh Section of the American Chemical Society, as its councilor, as vice chairman of the Division of Industrial and Engineering Chemistry. He has been president of the American Institute of Chemical Engineers, as well as a director of that organization. He has been active in the Society of Chemical Industry, the Electrochemical Society, is a member of the Franklin Institute, the Faraday Society, various academies and similar organizations, including a number overseas. While for some years he has, of course, been fully engaged in matters of organization and the advance of the institute of which he is the director, he formerly had a special interest in heat insulation materials, hydrometallurgy, camphor and epinephrine. More recently his specialty has been industrial research methodology.

FRANK C. WHITMORE, 47, dean of the School of Chemistry and Physics, Pennsylvania College, since 1929. He graduated from Harvard University in 1911, took his

A.M. in 1912 and his Ph.D. in 1914. He has been a member of the faculty at Williams College, Rice Institute, the University of Minnesota and Northwestern University, where he was head of the department from 1925 until 1929. Dr. Whitmore has been active in many scientific fields. He has served as chairman of the Division of Chemistry and Chemical Technology of the National Research Council and as a member of other divisions of that organization. He was a consultant of the Bureau of Chemistry and Soils and of the Chemical Warfare Service. He has found time to assist a number of publication enterprises, including the Encyclopedia Britannica and Organic Syntheses. He was a councilor of the International Chemical Union in 1931, is a member of a number of important chemical organizations, and has been devoted to the interests of the American Chemical Society. He has served as councilor of the Chicago Section, councilor-at-large, secretary and chairman of the Division of Organic Chemistry, and is now a director of the society.

SCIENTIFIC NOTES AND NEWS

BRITISH birthday honors conferred on December 3 include knighthood on Dr. Charles Vernon Boys, physicist, the Imperial College, London; Dr. Edward Bagnall Poulton, Hope professor of zoology at the University of Oxford; Dr. John Boyd Orr, director of the Rowett Institute for Research in Animal Nutrition, Aberdeen, and Professor Walter Langdon Brown, of St. Bartholomew's Hospital, London. Sir Holburt Jacob Waring, president of the Royal College of Surgeons, is advanced to a baronetcy. Dr. John S. Plaskett, director of the Dominion Astrophysical Observatory, Victoria, B. C., is made commander of the Order of the British Empire.

At the annual meeting of the British Mathematical Association, which was held in London on January 7 and 8, under the presidency of A. W. Siddons, the following were nominated for election as honorary members: Professor E. Borel, of the University of Paris; Professor G. H. Hardy, of the University of Cambridge; Professor David Eugene Smith, of Columbia University, and Professor E. T. Whittaker, of the University of Edinburgh.

DR. A. HAMILTON RICE, professor of geographical exploration and honorary curator of South American archeology and ethnology at Harvard University and president of the French Institute in the United States, has received the cross of the Legion of Honor from the French Government in recognition of his services for France during the war and his activities in the field of science.

A PORTRAIT of Dr. Charles H. LaWall, dean of the Philadelphia College of Pharmacy and Science, was presented to the college on December 5, by the artist,

Leon A. Spielman, a graduate of the school and a practicing pharmacist.

DR. WILLIAM H. PARK, head of the Bureau of Laboratories of the New York City Health Department, observed his seventy-first birthday on December 30.

IN recognition of his work in soil science, the jubilee of Professor W. R. Williams, of the Timiriaseff Agricultural Academy at Moscow, was celebrated on December 20 by the Academy of Agricultural Science at Leningrad.

THE Karl Sudhoff medal has been awarded by the German Society of the History of Medicine, Natural Sciences and Technique to Professor T. Györy, professor of the history of medicine in the University of Budapest.

THE degree of doctor *honoris causa* of the University of Paris was recently conferred on M. C. E. Guillaume, director of the International Bureau of Weights and Measures at Sèvres.

ACCORDING to *Nature*, Sir Arthur Evans, at a meeting of friends and colleagues on December 17 held at the Society of Antiquaries, was presented with a portrait bust of himself in marble in recognition of his services to archeology, and in commemoration of the completion, in a fourth and final volume, of his work on the excavation of the Minoan site of Knossos in Crete. The bust is the work of Mr. David Evans, a former Rome scholar in sculpture. It represents Sir Arthur in academic robes and wearing the medal of the Society of Antiquaries, of which he was the first recipient. Lord Rennell presided, and Professor