

Baekeland, William F. Hillebrand, Willis R. Whitney, F. G. Hopkins, Edgar F. Smith, R. E. Swain, E. C. Kendall, Samuel W. Parr, Moses Gomberg, John

Arthur Wilson, Irving Langmuir, James Bryant Conant, George O. Curme, Jr., Jacob Goodale Lipman and William F. Giaque.

SCIENTIFIC NOTES AND NEWS

DR. WILLIAM WEBER COBLENTZ, chief of the section of radiometry of the National Bureau of Standards, has been awarded the Rumford Gold Medal by the American Academy of Arts and Sciences for his work as a "pioneer in the technology and measurement of heat and light."

THE Lavoisier Medal of the Société Chimique de France will be presented by the French Consul General, Comte de Ferry de Fontnouvelle, to Dr. Thomas H. Norton, member of the technical staff of the American Cyanamid Company, at a meeting on November 19 at Columbia University of the American Section of the society, to which members of the American Chemical Society, the American Institute of Chemists, the American Electrochemical Society and the Society of Chemical Industry, American Section, are invited. At this meeting Dr. Francis F. Lucas, member of the technical staff of the Bell Telephone Laboratories, will speak on "Ultra-violet Microscopy."

THE American Academy of Ophthalmology and Otolaryngology presented its medal of honor on October 13, at the meeting in Chicago, to Dr. Harris P. Mosher, of Boston, professor of otology in the Harvard Medical School. Dr. George M. Coates, of the Medical School of the University of Pennsylvania, was chosen president-elect for 1938-39. Dr. Harry S. Gradle, extra-mural professor of ophthalmology in the medical department of Northwestern University, was elected president for the ensuing year. The next annual meeting will be in Washington, D. C.

THE degree of doctor of laws has been conferred by the University of California on Dr. Charles A. Kofoid, professor of zoology emeritus.

AT the fifty-ninth annual Founders' Day exercises at Lehigh University on October 9, the honorary degree of doctor of science was conferred on Dr. William J. Robbins, professor of botany and dean of the Graduate School of the University of Missouri, who was recently appointed director of the New York Botanical Garden and professor of botany at Columbia University; on Hardy Cross, head of the department of civil engineering at Yale University; on Levering Tyson, president of Muhlenberg College, and on Erwin G. Bailey, steam engineer of the Babcock-Wilcox Company.

DR. EMIL ABDERHALDEN, professor of physiology at the University of Halle, has been elected to honorary

membership in the Naturforschende Gesellschaft of Danzig.

DR. WALTHER NERNST, of Berlin, and Dr. Max Wien, of Jena, have been elected honorary members of the German Physical Society.

PROFESSOR JOJI SAKURAI, president of the Imperial Academy and of the National Research Council of Japan, has been elected vice-president of the International Council of Scientific Unions in succession to the late Marchese Marconi.

DR. BUFORD JOHNSON, professor of psychology at the Johns Hopkins University, will retire at the close of the academic year.

DR. DOUGLAS JOHNSON, professor of physiography at Columbia University, has been appointed executive officer of the department of geology and mineralogy. Dr. Robert C. Elderfield, formerly assistant professor of chemistry, has been promoted to an associate professorship.

AT the Case School of Applied Science at Cleveland, Kenneth H. Donaldson has been promoted from an associate professorship of mining engineering to a full professorship; Dr. Anatoli C. Seletzky, electrical engineering; Herbert R. Young, English, and Dr. Eric A. Arnold, analytical chemistry, have been appointed to associate professorships.

WILLIAM A. THOMAS, assistant professor of electrical engineering at Antioch College, has been appointed to a similar position in the department of electrical engineering at the Iowa State College.

ASSOCIATE PROFESSORS DAVID VERNON WIDDER and Marshall Harvey Stone, of the Division of Mathematics of Harvard University, have been promoted to full professorships.

MISS ANNA BILLINGS GALLUP, since 1902 curator-in-chief of the Brooklyn Children's Museum, has presented her resignation to the Board of Trustees of the Brooklyn Institute of Arts and Sciences. She will be succeeded by Mrs. William Lloyd Garrison, 3d, assistant to Philip N. Youtz, director of museums for the institute. Mrs. Garrison has worked with Miss Gallup and is known as a writer and lecturer on problems of youth and on Central American ethnology.

R. Y. WINTERS, since 1925 director of the North Carolina Agricultural Experiment Station, has ac-

cepted appointment as principal experiment station administrator in the Office of Experiment Stations of the U. S. Department of Agriculture, as of October 15.

DR. ROY F. FEEMSTER, Boston, has been appointed director of the State Division of Communicable Diseases, succeeding Dr. Gaylord W. Anderson, who resigned recently to become professor of public health at the University of Minnesota Medical School. Dr. Anderson's post as deputy health commissioner will be taken by Dr. Alton S. Pope, in addition to his work as director of the division of tuberculosis.

DR. MAXWELL TISHLER, of Harvard University, and Dr. Jacob van de Kamp, of the University of Virginia, have joined the staff of the Research Laboratories of Merek and Company, Inc.

DR. H. S. TAYLOR, chairman of the department of chemistry at Princeton University, has been added to the group of leading chemists of the country who are studying catalysis under the chairmanship of Dr. Robert E. Burk, of Western Reserve University.

THE Lord President of the British Scientific Research Council has appointed Dr. G. M. B. Dobson, Lieutenant-Colonel J. H. M. Greenly and S. K. Thornley to be members of the Advisory Council to the Committee of the Privy Council for Scientific and Industrial Research. Professor A. Fowler, Sir Clement D. M. Hindley and T. Franklin Sibly have retired from the council on the completion of their terms of office.

LYNDON F. SMALL, associate professor in chemistry at the University of Virginia and director of the chemical studies under the Committee on Drug Addiction of the National Research Council, has been appointed United States representative on the Opium Assay Commission of the Health Section of the League of Nations, to succeed Dr. Charles H. LaWall. Dr. Small sailed for London on October 13 to attend a meeting of this commission, which was appointed for the purpose of recommending an international method for the assay of opium and coca leaf.

DR. HUGH S. CUMMING, formerly surgeon general of the U. S. Public Health Service, director of the Pan-American Sanitary Bureau, has sailed for Paris, where he will attend the International Health Conference, of which he is the member for the United States. Later he will attend the Health Division of the League of Nations at Geneva.

PROFESSOR BAILEY WILLIS returned recently to his residence, Stanford University, after an absence of a year, during which he visited India, the East Indies, the Philippines and Japan. His objective was a study of mountain building during Tertiary and Pleistocene time. Contacts were established with English, Dutch, Philippine and Japanese geologists with a view to

continued exchange of data, it being anticipated that the results may eventually be published in a monograph; a sequel to "African Plateaus and Rift Valleys."

DR. C. T. BRUES, professor of entomology at Harvard University, has returned from a five months' trip to the Dutch East Indies, visiting in company with Mrs. Brues the islands of Celebes, Java and Sumatra. They went primarily to investigate the fauna of the hot springs of this region, but in addition to collections of insects and plants secured also a large number of motion pictures and photographs.

DR. ISAIAH BOWMAN, president of the Johns Hopkins University, was the principal speaker on October 25 at a dinner given at the Commodore Hotel to initiate the United Hospital campaign fund.

DR. KIRTLLEY F. MATHER, professor of geology at Harvard University, spoke on October 18 before the Clark University Scientific Society and Sigma Xi Club. His topic was "The Geologist in Prophetic Mood."

DR. L. H. BAEKELAND delivered on October 20 the first lecture of a series to be given during the autumn and winter months at the Franklin Institute, Philadelphia.

THE Edward K. Dunham Lectures for the promotion of the medical sciences will be given under the auspices of the faculty of medicine of Harvard University by Dr. Corneille Heymans, professor of pharmacology at the University of Ghent, on November 8, 10 and 12 at 5 o'clock. The title of the first two lectures is "The Mechanisms of Vasomotor Tone and Blood Pressure Regulation"; and the third, "The Rôle of the Aortic and Carotid Sinus Presso- and Chemoreceptors in the Reflex Control of Respiration."

DR. THE SVEDBERG, professor of chemistry at the University of Upsala, who is visiting the United States, lectured on October 18 at Goucher College on "Blood Serum—Its Normal and Pathological Protein Constituents," and on October 25, at a meeting of a colloquium of the Bell Telephone Company, he spoke on "The Ultracentrifuge and its Field in Research."

DR. CARL G. JUNG, professor of analytic psychology at the Federal Polytechnic University at Zurich, Switzerland, gave on October 20, 21 and 22 a series of three public lectures on "Applied Psychology and Religion" on the Terry Foundation of Yale University.

SEVERAL Benjamin Peirce instructorships at Harvard University for the year 1938-39 are open to men who have the degree of doctor of philosophy or its equivalent. Applications should be sent to the chairman of the Division of Mathematics.

Museum News states that a museum has been opened in the old ship-chandlery over the water at

Hog Island, in Muscongus Bay, Maine. The museum was set up by students of the Audubon Nature Camp for Adult Leaders opened in the summer of 1936 by the National Association of Audubon Societies. It contains exhibits illustrating life histories, rare living marine organisms, calendar of birds observed, biological family trees, herbarium specimens, etc. Hog Island forms the Todd Wild Life Sanctuary, preserved largely in primitive condition through the efforts of the family of Millicent Todd Bingham and placed by her under the control of the Audubon Societies. Carl W. Buchheister is director of the camp, which was open this year from June 11 to September 2.

THE *Journal* of the American Medical Association reports that the Rockefeller Foundation will aid in financing a survey on malaria in Escambia County, Florida, with Dr. John E. Elmendorf, Jr., of the foundation, in charge of headquarters in Pensacola. Of the \$8,000 to be spent for the first year's work, the city and county will each pay \$1,000. It is expected that the control areas will be selected on the basis of the intensity of malaria existing in the district, the adaptability of the local problem to different types of malaria control and the local interest shown in the solution of the problem. Dr. Elmendorf will also be director of a malaria division to be formed in the Escambia County health department.

Museum News reports that the Buffalo Museum of Science this fall resumes a number of its services that had been temporarily discontinued on account of reduced budget. The resumption is made possible by an appropriation from the city of \$110,000 for the year. Last year the city's contribution was \$60,000. The museum will be open 56 hours a week instead of 22. Evening openings three times a week and evening classes, lectures and similar discontinued services will be resumed. The Kellogg Observatory will be open again, and the museum training course will be given again this season. The museum has also received a grant of \$50,000 from the Rockefeller Foundation for carrying on for three years a plan of museum internship. Two-year appointments are given to museum workers in anthropology, biology and the physical sciences (two in each field).

Nature writes that besides the usual statistical information regarding the number of visitors and attendances at lectures, notes on special exhibitions, on acquisitions and the progress of the five main divisions of the museum, the annual report of the Advisory Council of the Science Museum for 1936, London, contains a review of the growth and activities of the library, which is being developed as a National Library of Science. During the year, the library was used by 22,000 readers, while the issues on loan of books and

periodicals to government departments, scientific and technical societies, colleges, etc., was 21,000. The library receives more than 9,000 current periodicals and the contents of these are all indexed, references to these and to other matters now running into millions. There are about 250,000 books in the library. The two main functions "may broadly be stated as the acquiring of documents and making them readily available," the latter consisting of cataloguing the volumes, maintaining indexes of their contents, provision of the volumes to readers, loan service, supply of bibliographies, supply of photostat copies and library publications. There have been many valuable additions to the collections in the museum, and during the year under review special exhibitions were arranged illustrating the progress of research at very low temperatures, the scientific aspects of smoke pollution of the atmosphere and the developments in electric illumination.

AN enabling act, whereby a state soil conservation committee and farmers may take group action for control and prevention of soil erosion, which was passed at the last regular session of the Maryland Legislature, has been signed by Governor Nice. This act had the endorsement of the Farm Bureau and State Grange and provides for establishment of local districts and authorizes acceptance of Federal funds to be administered by supervisors that are elected or appointed locally in furthering the work in such districts. The state soil conservation committee provided in the act consists of the president of the State Board of Agriculture, the directors of the Agricultural Experiment Station and Extension Service, the Maryland State Forester and the principal state administrative officer for this state of the Soil Conservation Service, United States Department of Agriculture.

THE fiftieth annual meeting of the Geological Society of America will be held on Tuesday, Wednesday and Thursday, December 28 to 30, in Washington, D. C., under the auspices of the Geological Society of Washington. Dr. Charles Palache, professor of mineralogy at Harvard University, is president. The headquarters, the place of registration, the scientific sessions and the exhibits will be held in the Hotel Washington. The regular dinner of the society will be held on Wednesday evening, December 29. Simultaneously with the meeting of the Geological Society, the Paleontological Society will hold its twenty-ninth annual meeting, *Secretary*, B. F. Howell, Princeton University, Princeton, N. J.; the Mineralogical Society of America its eighteenth annual meeting, *Secretary*, Paul F. Kerr, Columbia University, and the Society of Economic Geologists its seventeenth annual meeting, *Secretary*, D. H. McLaughlin, Rotch Building, Cambridge, Mass.