

nursing, chemistry and physics to 237 advanced students from 23 countries;

By consultation and providing of personnel aided public health administration in the United States, Australia, Brazil, Canada, Central America, Czechoslovakia, France and the Philippines;

Contributed to mental hygiene projects, demonstrations in dispensary administration, hospital information service, surveys of nursing education and hospital management, the organization of tuberculosis work in France, the training of French health visitors and other undertakings in the fields of public health and medical education.

### SCIENTIFIC NOTES AND NEWS

PROFESSOR CHARLES S. SARGENT, of Harvard University, director of the Arnold Arboretum, has been awarded the Frank N. Meyer Agricultural Medal by the American Genetic Association "for distinguished services in the field of foreign plant introduction." The medal, which had been sent to Harvard to be bestowed upon Dr. Sargent, was presented by President Lowell at a luncheon given by Dr. Sargent for the overseers' committee on the Arnold Arboretum.

A CITATION for the award of a distinguished service medal to Dr. Harvey Cushing, Moseley professor of surgery at the Harvard Medical School, has been approved by Secretary of War Weeks. The citation refers to Dr. Cushing as senior consultant of surgery of the American Expeditionary Forces and in direct charge of treatment of gunshot wounds of the first army hospital during the Meuse-Argonne offensive and says: "He performed conspicuous and distinguished services to the government" and "his individual efforts in that capacity saved the lives of many severely wounded soldiers."

JOHN V. N. DORR, metallurgist of New York City, was elected on May 7 to honorary membership in the Society of Phi Lambda Upsilon, through the Columbia Chapter, at a dinner given in his honor by the National Organization at the Chemists' Club, New York City.

WE learn from *Nature* that the Royal Society of Edinburgh has awarded the Makdougall-Brisbane prize (1920-1922) to Professor W. T. Gordon for his paper on "Cambrian organic remains from a dredging in the Weddell Sea," published in the *Transactions* of the Society within the period, and for his investigations on

the fossil flora of the Pettycour Limestone, previously published in the *Transactions*.

THE members of Sigma Gamma Epsilon, at the University of Michigan, recently gave a luncheon in honor of Professor Carl O. Sauer, who leaves the university at the end of the summer session to become head of the department of geography of the University of California.

AT the anniversary meeting of the Linnean Society on May 24, the High Commissioner for New Zealand received the Linnean gold medal on behalf of Mr. T. F. Cheeseman, of the Auckland Museum, New Zealand. Dr. John Isaac Briquet, director of the Geneva Botanical Garden, has been elected a foreign member of the society.

DEAN E. A. HOLBROOK, of the Pennsylvania State College School of Mines, has been retained by the United States Coal Commission to prepare a report on mine safety work in this country.

PROFESSOR HERMAN H. CHAPMAN, of Yale University, has been appointed a member of the Connecticut State Park and Forest Commission.

AT the inauguration of President Samuel Wesley Stratton, of the Massachusetts Institute of Technology, to occur on June 11, the American Association for the Advancement of Science will be officially represented by Mr. Calvin W. Rice, secretary of the American Society of Mechanical Engineers, and by Professor Samuel C. Prescott, professor of biology and public health in the Massachusetts Institute of Technology.

THE appointment of Dr. Frederick E. Breithut as chemical trade commissioner of the United States to Germany and other European countries has been announced by the Department of Commerce. Dr. Breithut will be attached to the staff of the commercial attaché; Charles H. Herring, Berlin, but will study the chemical industries in England, France and elsewhere in Europe where there have been developments of interest to the United States.

DR. P. A. MAPLESTONE, lecturer on protozoology at the Liverpool School of Tropical Medicine, has been appointed assistant director of the research laboratory at Sierra Leone.

A. W. AMBROSE, assistant director of the Bureau of Mines, has resigned to become associated in an executive capacity with the Empire Companies, with headquarters at Bartlesville, Oklahoma.

DR. RICHARD B. MOORE, chief chemist of the Bureau of Mines, has resigned his post to take effect on June 1. Dr. Moore will be succeeded by Dr. Samuel C. Lind, who has for some years acted as a superintendent of the Rare and Precious Metals Experiment Station of the bureau at Reno, Nevada. Dr. Moore will enter the commercial field with a firm of consulting chemists and metallurgists in New York city.

PROFESSOR W. K. KIRBY, head of the petroleum engineering department of the Colorado State School of Mines, leaves early this month for New York, where he has accepted a position with the J. G. White Engineering Corporation.

C. G. STUPP, formerly assistant chief chemist of the research department laboratory of The Barrett Company, New York City, and more recently with the National Aniline and Chemical Company, Buffalo, New York, has resigned to accept a position with Weiss and Downs, chemists and chemical engineers, New York City.

DR. J. J. SKINNER, of the Bureau of Plant Industry, has returned to Washington, having completed the supervision of fertilizer applications in the cooperative experiments and inaugurated fertilizer experiments with cotton in Fayetteville and New Bern, North Carolina.

LANGDON WARNER, recently director of the Pennsylvania Museum in Philadelphia, who was a member of the Pumpelly-Carnegie expedition to Trans-Caucasia in 1904-05, assistant curator of oriental art in the Boston Museum of Fine Arts from 1906 to 1913, and subsequently field director of the Cleveland Museum of Art, has been appointed fellow of the Fogg Art Museum of Harvard University for research in Asia.

DR. EDWIN E. SLOSSON, director of Science Service, sailed on May 29 for Europe to attend the commemoration of the three hundredth anniversary of the founding of the city of Gothenburg, Sweden, and an exposition of Swedish

industries and culture. Dr. Slosson plans also to investigate some of the chemical industries of Sweden. He will return early in July.

GEORGE S. RICE, in his official capacity as chief mining engineer of the United States Bureau of Mines, is attending the International Mining Exhibition in London June 1 to 15. He will spend several months in the British Isles and on the Continent in the study of coal mining. While in Great Britain, he will give an illustrated lecture at the University of Sheffield.

LEAVE of absence has been granted to Mr. N. A. Wood, of the Museum of Zoology of the University of Michigan, to take part in an expedition being financed by Ginling College, Nanking, China, which will penetrate into certain little-known parts of China.

F. L. STEVENS, professor of plant pathology in the University of Illinois, will spend the summer collecting fungi in Central America, chiefly in Costa Rica.

KIRTLEY F. MATHER sailed from Seattle on June 7 for Alaska, where he will be engaged in field examinations in the Iliamna-Katmai region under the auspices of the United States Geological Survey. After his return, about October 1, he will serve until February 1 as visiting lecturer in geology at Harvard University.

DR. GEORGE E. BEYER, entomologist of the state board of health, New Orleans, formerly adjunct professor in biology at Tulane University School of Medicine, has been requested to aid in stamping out malaria in San Domingo. Dr. Oscar Dowling, president of the state board of health, has granted Dr. Beyer a leave of absence.

DR. LOUIS L. WILLIAMS, JR., Richmond, Virginia, engaged in malaria control work with the state department of health, has been appointed to represent the United States on the epidemic committee of the League of Nations. Dr. Williams sailed on May 1 for Italy, where he will spend four months studying malarial problems.

AMONG the foreign physicians who are expected to take part in the meeting of the American Medical Association at San Francisco during the week of June 25 are Dr. F. G. Banting, discoverer of insulin; Professor Wenckebach of Vienna, noted for his work on

the use of quinin derivatives in the treatment of heart disease; T. C. Routley, secretary of the Canadian Medical Association, and Dr. S. A. K. Wilson, of London, who will speak on the relation of accidents to nervous diseases.

PROFESSOR BERNHARD H. DAWSON, chief astronomer in the observatory of La Plata, left Argentina in the latter part of May for six months' leave of absence which will be spent chiefly in the United States.

DR. WM. H. NICHOLS, on the occasion of the twenty-fifth anniversary of the founding of the Chemists' Club, New York, on May 2, presented the club with five hundred shares of the stock of the Chemists' Club Building Corporation, valued at \$25,000. The following officers were elected: *President*, F. J. Metzger; *resident vice-president*, Allen Rogers; *non-resident vice-president*, E. R. Weidlein; *treasurer*, A. G. Robinson; *secretary*, Herbert G. Sidebottom; *trustees*, A. A. Holmes and Thomas R. Duggan.

PRESIDENT EDWARD A. BIRGE, of the University of Wisconsin, was the principal speaker and guest of honor at the annual banquet and meeting of the Phi Beta Kappa fraternity, June 6, at the University of Chicago.

DR. EDGAR T. WHERRY, of the United States Bureau of Chemistry, lectured before the Kentucky Chapter of the Society of the Sigma Xi on May 18, his subject being "Studies of soil acidity and plant distribution."

PROFESSOR MORTIMER E. COOLEY, dean of the engineering school of the University of Michigan, will deliver the commencement address at the Armour Institute of Technology. His subject will be "The responsibility of education."

DR. E. E. SLOSSON, of Science Service, Washington, D. C., gave an address on "The human side of science," before the fourth annual meeting of the New Hampshire Academy of Science, on May 26.

DR. HENRY H. DALE, London, delivered the Oliver-Sharpey lectures at the Royal College of Physicians of London on May 1 and 3 on the "Activity of the capillary blood vessels and its relation to certain forms of toxemia."

THE twelfth biennial Huxley lecture, on recent advances in science and their bearing on medicine and surgery, will be given at the

Charing Cross Hospital Medical School by Professor Sir Arthur Keith, F.R.S., on June 27.

C. G. DARWIN, grandson of Charles Darwin, recently addressed the Southern California Section of the American Chemical Society, at Los Angeles, on "The periodic system." Mr. Darwin has been appointed to the new Tait chair of natural philosophy at Edinburgh University.

A COMMITTEE has been formed in England to commemorate the services of the late Dr. W. H. R. Rivers to anthropology and psychology, which includes Sir Charles Sherrington, president of the Royal Society, Sir Humphry Rolleston, president of the Royal College of Physicians, Sir James Fraser, Dr. Henry Head, Professor Elliot Smith and Dr. C. S. Myers. The treasurer is Dr. L. E. Shore, St. John's College, Cambridge, to whom contributions may be sent. It is intended that the proceeds of the fund shall be devoted to the promotion of those sciences in which Dr. Rivers took a special interest, but until the amount and the wishes of the contributors are known no definite decision will be reached.

THE celebrations in France of the Centenary of Pasteur began in Paris on May 17 when the foreign delegates were received by M. Millerand, the president of the Republic, at the Elysée. On the following morning the Pasteur Institute and the tomb of the great scientist were visited and in the afternoon a solemn ceremony, over which M. Millerand presided, took place at the Sorbonne. On May 26, there was a visit to the École Normale in the morning and a reception at the Hôtel de Ville in the afternoon. On May 27 the delegates were received by various learned societies and in the evening there were gala performances at the Opéra and the Théâtre Français. A banquet was held at Versailles on May 28, when the palace was visited and the Grandes Eaux played. On the afternoon of May 29, a garden party, organized by the Institut de France, was given at Chantilly. On the following day the delegates traveled to Strasbourg, where, on May 31, the monument to Pasteur was unveiled and after luncheon the Palais du Rhin was visited. Later in the afternoon the Pasteur Museum and the Hygiene Exhibition was opened and in the evening there was a reception at the Strasbourg town hall.

In connection with the celebrations a Pasteur postage stamp has been issued.

PROFESSOR J. COX, lately professor of physics in McGill University, died on May 13, aged seventy-two years.

PROFESSOR C. NIVEN, F. R. S., lately professor of natural philosophy in the University of Aberdeen, died on May 11, at seventy-eight years of age.

COLONEL G. F. PEARSON, formerly inspector-general of forests in India, died on April 25, aged ninety-six.

We regret to record also the deaths of Sir Shirley Murphy, known for his work on epidemiology, and of General E. A. Lenfant, the French explorer.

THE Fourth International Neurological Congress will be held at La Salpêtrière in Paris on June 8 and 9, when the subject for discussion will be compression of the spinal cord.

YALE UNIVERSITY OBSERVATORY has awarded a contract to J. B. McDowell and Company, Pittsburgh, for the optical parts of a 26-inch photographic telescope of thirty-six feet focal length. It is expected that this telescope will be in use within a year. It is to be erected at some site south of the equator, probably in South Africa or in New Zealand.

A DELEGATION of American scientific men will attend the Second Pan-Pacific Scientific Congress to be held at Sydney and Melbourne, Australia, from August 13 to September 3. The international meetings will be under the direction of the Australian National Research Council and will include addresses in all fields of science. The American delegates announced by the National Research Council are: C. M. Cook, Jr., zoologist, Honolulu; H. E. Crampton, professor of zoology, Barnard College, New York City; E. M. Ehrhorn, entomologist, Board of Commissioners of Agriculture and Forestry, Honolulu; H. E. Gregory, director, Bishop Museum, Honolulu; William H. Hobbs, geologist, University of Michigan; Ellsworth Huntington, research associate in geography, Yale University; T. A. Jaggar, Jr., volcanologist, Honolulu; Elwood Mead, professor of rural institutions, University of California; W. E. Ritter, director, Scripps Institution for Biological Research; R. R. Sayers, chief surgeon,

United States Bureau of Mines; Charles F. Shaw, professor of soil technology, University of California; E. C. Stakman, professor plant pathology, University of Minnesota; L. R. Sullivan, anthropologist, American Museum of Natural History; Otto H. Swezey, entomologist, Honolulu; T. Wayland Vaughan, United States Geological Survey; Nevin M. Fenneman, chairman, division of geology and geography, National Research Council.

### UNIVERSITY AND EDUCATIONAL NOTES

A GIFT of \$500,000 has been made to Harvard University by Edward Mallinckrodt, chemical manufacturer of St. Louis, toward the erection of a chemical laboratory.

UNDER the will of Walter H. Kimball, of Providence, Brown University receives the major portion of his estate, which is estimated at \$300,000.

IN memory of the late Lady Herdman, Sir William Herdman, of Liverpool, who was president of the British Association in 1920, has presented to Liverpool University £20,000 for the provision of a building for the department of geology. The new building is to bear Lady Herdman's name. During the war Sir William and his wife gave £10,000 to the university, in memory of their only son, who was killed in the war.

DR. WILLIAM D. CUTTER has resigned as secretary of the Board of Medical Examiners of New York state to become dean of the New York Post-Graduate Medical School and Hospital.

PROFESSOR EDWARD H. KRAUS, of the University of Michigan, dean of the summer session and former acting dean of the college of pharmacy, has been appointed dean of the college.

DR. THOMAS BURR OSBORNE, of the Connecticut Agricultural Experiment Station, has been appointed research associate in biochemistry in Yale University with professorial rank.

PROFESSOR LEON E. JENKS, formerly of the Universities of Pittsburgh and Buffalo, has been chosen to develop the courses in economic chemistry recently started at the College of the City of New York. He fills the vacancy caused by the appointment by Secretary Hoover of