

SUMMER MEETINGS OF THE BOTANICAL SOCIETY OF AMERICA

IN accordance with the sentiment expressed by the members in a recent poll, the Botanical Society of America will conduct two summer meetings during the present year. One of these will be held at Dartmouth College, Hanover, N. H., beginning on the evening of June 25 and extending through June 28, and the other at the mountain camp of the University of Wyoming from July 31 to August 3.

These meetings are not to be patterned after the regular winter meetings, where emphasis is placed upon the presentation of the results of research in formal papers. They will be characterized rather by informality, the time being devoted to field excursions and round-table discussions. Everything will be done to promote that personal association out-of-doors which is necessarily lacking at the more formal and crowded meetings.

At the Dartmouth meeting it is planned to have an address of general botanical interest and an informal reception on the opening evening, a number of morning round-table discussions of special topics, two afternoon field trips, one all-day field excursion, and an open discussion of botanical teaching methods.

Registration for the Wyoming meeting will occur at Laramie on the afternoon of July 31; this will be followed by an informal dinner and reception. On the following morning those in attendance will be taken by automobile to the mountain camp, where three days will be occupied by field excursions and round-table discussions.

The chairman of the Pacific Section of the Botanical Society of America has extended an invitation to members of the society and others to consider the annual meeting of the section, to be held in June, as another summer meeting of the society.

A cordial invitation to attend the meetings is extended to botanists who are not members of the society, and especially to those who may be visiting this country from abroad.

A circular containing more detailed information will be mailed to every member of the society in May. Meanwhile inquiries may be addressed to the undersigned or to the chairmen of the local committees: Professor A. H. Chivers, Dartmouth College, Hanover, N. H., and Professor Aven Nelson, University of Wyoming, Laramie, Wyoming.

L. W. SHARP, *Chairman of the
Organizing Committee*

CORNELL UNIVERSITY,
ITHACA, N. Y.

SCIENTIFIC NOTES AND NEWS

THE fiftieth anniversary of the birth of Professor Albert Einstein will be celebrated on the evening of

April 16 at the Metropolitan Opera House in New York City, under the auspices of the Jewish National Fund and the Zionist Organization of America. Professor Einstein has submitted to the Prussian Academy of Sciences a further paper which according to press despatches is entitled "A Unitary Field Theory and the Hamilton Principle." The manuscript of the preceding paper on the new field theory has been presented to the Olin Library of Wesleyan University by George W. Davison, president of the board of trustees, and Mr. Albert W. Johnson.

M. J. RICHARD, director of the Museum of Oceanography at Monaco, has been elected a correspondent of the Paris Academy of Sciences to take the place of Roald Amundsen. Guido Castelnuovo, professor of mathematics at Rome, has been elected correspondent in place of the late Luigi Bianchi.

ON the occasion of his sixtieth birthday the State University of Moravia in Brno has conferred on Dr. Aleš Hrdlička, of the U. S. National Museum, the honorary title of "doctor of natural sciences."

AT the graduation exercises of the Yeshiva College, New York, held in its new building on April 2, the degree of doctor of literature was bestowed upon Dr. David I. Macht, lecturer in pharmacology in the Johns Hopkins University and director of the Pharmacological Laboratory of Hynson, Westcott and Dunning, in recognition of his scientific investigations concerning the materia medica, pharmacology and hygiene of the ancient Hebrews.

LIEUTENANT-COMMANDER C. H. HAVILL, chief of the propeller section of the Navy Bureau of Aeronautics, has been notified by the Society of Automotive Engineers that he has been awarded the Wright Brothers' medal for his paper entitled "Aircraft Propellers."

PROFESSOR I. A. ABT, of Chicago, has been elected an honorary member of the German Society for Children's Diseases.

PROFESSOR J. W. GREGORY has been elected president of the Geological Society of London. The vice-presidents are Dr. F. A. Bather, Professor E. J. Garwood, Dr. E. Greenly and Mr. H. W. Monckton.

The *British Medical Journal* states that the Gifford Edmonds prize in ophthalmology has been awarded to Mr. V. M. Métivier, of the Ophthalmic Department of the Edinburgh Royal Infirmary, for his essay on the causation and differential diagnosis of proptosis. This prize, founded by Miss Sophie Edmonds in memory of her brother who fell at Magersfontein, is valued at £100, and is awarded every second year.

ACCORDING to *Nature* the proceeds of the Daniel-Pidgeon Fund for the year 1929 of the Geological

Society of London have been awarded to Mr. J. Selwyn Turner, who proposes to investigate the faunal succession in the Coomhoola Grits and Carboniferous Slate of County Cork.

PROFESSOR HAYASHI, dean of the medical faculty of Tokio, has been elected an honorary member of the Therapeutical Society of Paris.

At the recent annual meeting in Chicago of the Board of Trustees of the American Medical Association, Dr. J. W. Churchman, professor of experimental therapeutics in the Cornell Medical College, was selected to represent the American Medical Association on the Commission on Standardization of Biological Stains, and at the recent meeting of the commission in Rochester was elected a member of its executive committee. The latter consists of representatives of six national scientific societies (Society of American Bacteriologists; Botanical Society of America; American Chemical Society; American Association of Pathologists and Bacteriologists; American Society of Zoologists and the American Medical Association). The Stain Commission, of which Dr. Churchman has been a member since its formation several years ago, is responsible for the standardization of stains used in the sciences, and the duties of the executive committee include the editorship of the journal, *Stain Technology*, in which are published scientific articles in this field.

At the First International Congress on Sanitary Aviation to take place in Paris from May 15 to 20 observers appointed on the part of the United States include: Assistant Surgeon-General Rupert Blue, U. S. Public Health Service; Lewis H. Bauer, medical director of the Aeronautics Branch of the Department of Commerce; Lieutenant-Commander William D. Thomas, assistant naval attaché for aviation, American Embassy, Paris; Major Barton K. Yount, assistant military attaché for air, American Embassy, Paris.

THE National Research Council has appointed as its representatives at the Fourth Pacific Science Congress in Batavia and Bandoeng, Java, which will be held from May 16 to 25, Dr. Herbert E. Gregory, of Yale University, director of the Bishop Museum, Honolulu; Dr. Frederick V. Coville, Bureau of Plant Industry, Washington; Dr. Philip S. Smith, U. S. Geological Survey, Washington; Dr. Andrew C. Lawson, professor emeritus of geology and mineralogy, University of California, Berkeley, and Dr. T. Wayland Vaughan, director of the Scripps Institution of Oceanography, La Jolla, California.

DR. BAILEY WILLIS, emeritus professor of geology at Stanford University and research associate in seis-

mology of the Carnegie Institution of Washington, is now in London on his way to East Africa to make a study of the earthquakes of that continent. He plans later to visit India, the Dutch East Indies and the Philippines.

THE expedition headed by Mr. Gifford Pinchot has sailed from New York on a three-masted topsail schooner, to study the Galapagos and Pitcairn Islands in the Pacific. Members of the expedition include: Dr. A. K. Fisher, naturalist from the National Museum; Dr. Henry A. Pilsbry, curator of the department of invertebrates at the Philadelphia Academy of Natural Sciences; Dr. Thomas O. Otto, and Howard Cleaves, picture expert and lecturer. Dr. Fisher's son, Dr. W. K. Fisher, head of the biological department of Leland Stanford University, will join the expedition at Panama. The party plans to stop first at the almost unknown Grand Cayman and Swan Islands in the Caribbean Sea and will then visit the Galapagos Islands. The party will then cruise for more than 3,000 miles, going on to the Marquesas, Tahiti, Paumotu, Society, Cook, Friendly, Tubuai, Gambier, Pitcairn and Easter Islands. Collections will be made for the National Museum, the Carnegie Museum in Pittsburgh and the Philadelphia Academy of Sciences. Additional work may be done for some universities.

PROFESSOR EDWIN O. JORDAN, of the University of Chicago, spent February and March in the West Indies as visiting professor to the School of Tropical Medicine in San Juan. He delivered several addresses to the faculty and students of the School of Tropical Medicine and spoke on several occasions before sections of the Porto Rico Medical Association. Dr. Ernest E. Irons, dean of Rush Medical College, also visited the school during February and gave there several lectures before the Porto Rico Medical Association. Dr. Alwin M. Pappenheimer and Dr. F. W. O'Connor, of the College of Physicians and Surgeons, Columbia University, are spending the second semester as visiting professors and are offering courses in pathology and protozoology, respectively. Dr. O'Connor is continuing his work on filariasis.

PROFESSOR R. E. MORITZ, head of the department of mathematics of the University of Washington, is on leave of absence for the winter and spring quarters of 1929. He is making a tour of the world, proceeding from Seattle to Japan, China, Dutch Indies, Straits Settlements, India, Suez Canal, Southern Europe, France and back to New York and Seattle in time for the fall quarter. Professor A. F. Carpenter is acting as department head during Professor Moritz's absence.

DR. EUGENE L. OPIE, of the University of Pennsylvania, will deliver the eighth Harvey Society lecture

at the New York Academy of Medicine on April 18. His subject will be "The Pathogenesis and Transmission of Tuberculosis."

DR. W. E. GARREY, head of the department of physiology at the school of medicine of Vanderbilt University, delivered one of the Mayo Foundation lectures in Rochester, Minnesota, on the evening of March 29. The subject of the lecture was "The Basal Leucocyte Count and Physiological Leucocytoyses."

ALBERT BRACHET, professor of anatomy and embryology in the University of Brussels and director of the institute of anatomy, lectured at Cornell University Medical College on February 18 and 20 on "Activation and Fertilization of the Egg" and "Heredity as an Embryologic Process."

ON his return from Cairo, Egypt, Dr. J. E. Gubernet, associate professor of zoology at the University of Washington, delivered two lectures at the Kansas State Agricultural College. On March 21, he addressed the Sigma Xi and the Science Club on the subject "Medicine and Public Health in Egypt, Past and Present," and on March 22, he lectured to the students and faculty on "The Glory of the Nile."

DR. ALBERT P. MATHEWS, professor of biochemistry in the University of Cincinnati, will give a lecture on "The Coagulation of the Blood" on April 23 under the auspices of the Sigma Xi Club of the University of Alabama.

PROFESSOR ROSWELL C. GIBBS, of the department of physics of Cornell University, who is president-general of the national organization of Phi Kappa Phi, was the principal speaker at the initiation ceremonies at Syracuse University on March 6.

DR. ROBERT A. MILLIKAN, of the Norman Bridge Laboratory of the California Institute of Technology, will give the commencement address at the Carnegie Institute of Technology, Pittsburgh, on June 11.

As a memorial to Dr. Bashford Dean, the present exhibit of fossil fishes in the southeast rotunda on the fourth floor of the American Museum of Natural History, New York City, is being enlarged and perfected, and will be known hereafter as the Bashford Dean Memorial Exhibit of Fossil Fishes. The work is in the hands of the Bashford Dean Memorial Committee, consisting of J. Leroy Conel, Hawthorne Daniel, Cleveland Earl Dodge, William King Gregory (chairman), Eugene Willis Gudger, Francesca La Monte (secretary-treasurer), John T. Nichols, Henry Fairfield Osborn, Mrs. George W. Perkins, George H. Sherwood, Bertram Smith, Alexander McMillan Welch. This committee is now engaged in having made a bronze bas-relief tablet bearing a portrait of

Dr. Dean, that is to be placed at the entrance to the exhibit.

A BRONZE memorial which will perpetuate the memory of Dr. Dudley Allen Sargent, professor of physical education at Harvard University and founder of the Sargent School in Cambridge, has been received at the school as a gift from the alumni association. The memorial was designed by Dr. R. Tait McKenzie, head of the department of physical education at the University of Pennsylvania. The memorial bears the inscription: "Dudley Allen Sargent—to keep in memory his life work." Figures of three girls and a boy at play complete the design. The bronze will be erected on the flagpole at the Sargent Camp, Peterboro, New Hampshire.

THE death is announced of Cyril Guy Harrold, the Canadian naturalist. Mr. Harrold was on the eve of sailing as a member of the Madagascar Expedition, which the American Museum of Natural History is about to send in cooperation with the British Museum of Natural History and the Paris Museum of Natural History.

Nature reports the death at Moscow of Dr. G. S. Zaitzev, director of the Turkestan Plant Breeding Station; of Dr. J. E. Eddison, emeritus professor of medicine in the University of Leeds, and of Mr. Victor Plarr, librarian of the Royal College of Surgeons of England.

APPLICATIONS for chemist and associate chemist must be on file with the Civil Service Commission at Washington, D. C., not later than May 14. The examinations are to fill vacancies in the Departmental Service, Washington, D. C., and in the field. The entrance salaries are \$3,800 a year for chemist, and \$3,200 a year for associate chemist. Higher-salaried positions are filled through promotion. The optional subjects are (1) advanced inorganic chemistry, (2) analytical chemistry, (3) organic chemistry, or (4) physical chemistry. Competitors will not be required to report for examination at any place, but will be rated on their education, training and experience, and a publication or thesis to be filed by the applicant. Full information may be obtained from the U. S. Civil Service Commission, Washington, D. C., or from the secretary of the U. S. Civil Service Board of Examiners at the post office or custom-house in any city.

THE British Institute of Metals celebrated its twenty-first anniversary on March 13.

At the meeting of the New England Health Institute in Hartford, from April 22 to 26, a banquet will be given to celebrate the fiftieth year of the Connecticut State Department of Health. The speakers:

will be Surgeon-General Hugh S. Cumming, U. S. Public Health Service; Dr. George E. Vincent, president of the Rockefeller Foundation; Dr. Edward K. Root, Hartford, and Governor Trumbull. The institute is sponsored by the Yale and Harvard Medical Schools, the New England State Departments of Health and the U. S. Public Health Service.

THE American Association of Textile Chemists and Colorists has formed a special subcommittee of the committee on research, to prepare an annual bibliography on all phases of textile chemistry, dyeing, printing, bleaching, finishing, etc. The committee is at present composed of five members, with Chas. E. Mullin, chemistry and dyeing division of the Clemson College Textile School, as chairman.

PUBLIC lectures to be delivered under the auspices of the Carnegie Institute of Technology include a series of lectures by Dr. Arnold Sommerfeld, professor of theoretical physics at the University of Munich, which were given on the evenings of April 2, 3, 4 and 5 on "The New Quantum Statistics of the Electrons in Metals." Dr. William H. Steiner, associate professor of economics at the College of the City of New York, on April 11 and 12 discussed "Investment Trusts." The new Hudson River Bridge now being constructed at New York City is the subject of two lectures to be given on April 15 and 16. O. H. Ammann, chief engineer of bridges of the Port of New York Authority, lectures on "The History, Conception, Development and Design of the New Hudson River Bridge," and on "Construction of the New Hudson River Bridge," will be given by Edward W. Stearns, assistant to the chief engineer of bridges of the Port of New York Authority. Two lectures on "Hydraulic Experimentation," by Dr. Ing. Theodor Rehbock, professor of hydraulics at the Technische Hochschule of Karlsruhe, Germany, will be given on the evenings of April 18 and 19, and two lectures by Igor I. Sikorsky, of the Sikorsky Aviation Corporation, Long Island, on "Large Airliners of the Present and Near Future" and "The Amphibian Airplane" on May 8 and 9.

It is stated in *Nature* that, in accordance with the recommendations of the recent committee on the organization of a Colonial Agricultural Service and of the Colonial Veterinary Services Committee, the Secretary of State for the Colonies has appointed the following Colonial Advisory Council of Agriculture and Animal Health: Mr. W. Ormsby-Gore (temporarily chairman), Mr. F. A. Stockdale (vice-chairman), Lieutenant-General Sir William Furze, Dr. A. W. Hill, Dr. G. K. Marshall, Dr. E. J. Butler, Professor T. B. Wood, Dr. W. H. Andrews, Dr. A. T. Stanton and Mr. R. V. Vernon. The Lawes Trust Committee and the Joint Committee on Research in

Animal Nutrition of the University of Aberdeen and the North of Scotland College of Agriculture, respectively, have been invited to give their consent to Sir John Russell and Dr. J. B. Orr serving on the council. Mr. G. H. Creasy, of the Colonial Office, has been appointed secretary to the council.

THE New York Hospital and the Lying-In Hospital have agreed to merge and become a part of the project of the Society of the New York Hospital for teaching and research in the New York Hospital-Cornell Medical College Association. The agreement provides that about \$8,000,000 will be available to build and carry on a maternity hospital, which will be part of the new plant of the society overlooking the East River between Sixty-eighth and Seventieth Streets. J. P. Morgan and the Laura Spelman Rockefeller Memorial have given \$2,000,000 each toward the maternity hospital, and George F. Baker and George F. Baker, Jr., each \$1,000,000, while the remaining \$2,000,000 will come from the assets of the Lying-In Hospital. Graduate work for physicians and special training for nurses will be a feature of the work. Adjoining the maternity hospital of 160 beds will be a pediatric hospital of 150 beds. It will be about two years before the Lying-In Hospital is completed. The two institutions were closely associated as far back as 1801, when an arrangement was made to maintain the patients from the Lying-In Hospital in a ward in the New York Hospital, then on Broadway between Duane and Worth Streets. That arrangement continued until 1827.

THE International Council for the Exploration of the Sea held its annual meeting this year in London. The council was founded in 1902 for the organization of international investigations of fisheries and oceanography. Fifteen countries are now represented on it—namely, Belgium, Denmark, France, Finland, Germany, Great Britain, Holland, the Irish Free State, Italy, Latvia, Norway, Poland, Portugal, Spain and Sweden. The headquarters of the council are in Copenhagen. The council last met in London in 1920, when it first reassembled after the war. It assembled on April 8, and after a brief session of the full council the committees set to work to discuss the progress of the past year and settle the program of work for the following year. The normal business of the council at its annual meeting was concluded on April 15, when a final meeting was held to approve the general program of work. Special meetings were held, by the courtesy of the Zoological Society of London, in the society's meeting rooms, for the discussion of the "Fluctuations of Fisheries and Methods of Measuring Currents." Before leaving England the council visited the station of the Marine Biological Association at Plymouth, and took part in a joint meeting there with the Challenger Society.