

Baltimore, Boston, St. Louis, Cleveland, Chicago, Rochester, Minn., Montreal and Toronto.

THE BRITISH ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

PRESIDENTS and recorders of the sections of the British Association for the Advancement of Science have been appointed for the Liverpool meeting to be held in September under the presidency of Sir Ernest Rutherford as follows:

Section A (Mathematical and Physical Science): Professor J. C. McLennan; Professor A. O. Rankine, Imperial College of Science and Technology, S.W.7.

Section B (Chemistry): Professor F. G. Donnan; Professor C. H. Desch, The University, Sheffield.

Section C (Geology): Dr. Gertrude Elles; Dr. A. R. Derryhouse, Toots, Darell Road, Caversham, Reading.

Section D (Zoology): Professor J. H. Ashworth; Professor R. D. Laurie, University College, Aberystwyth.

Section E (Geography): Dr. Vaughan Cornish; Dr. R. N. Rudmose Brown, The University, Sheffield.

Section F (Economics): Sir W. H. Beveridge; Professor H. M. Hallsworth, Armstrong College, Newcastle-on-Tyne.

Section G (Engineering): Sir H. Fowler; Professor G. W. O. Howe, The University, Glasgow.

Section H (Anthropology): Mr. P. E. Newberry; Mr. E. N. Fallaize, Vinchelez, Chase Court Gardens, Enfield, Middlesex.

Section I (Physiology): Professor G. H. F. Nuttall; Professor C. Lovatt Evans, Physiological Laboratory, St. Bartholomew's Medical College, E.C.1.

Section J (Psychology): Mr. C. Burt; recorder not yet appointed.

Section K (Botany): Mr. A. G. Tansley; Mr. F. T. Brooks, 31 Tenison Avenue, Cambridge.

Section L (Educational Science): Professor T. P. Nunn; Mr. D. Berridge, The College, Malvern.

Section M (Agriculture): Dr. C. Crowther; Mr. C. G. T. Morison, School of Rural Economy, Oxford.

SPENCER FULLERTON BAIRD

THE one hundredth anniversary of the birth of Baird was commemorated at a meeting held in the auditorium of the United States National Museum on February 3. The Honorable

Frank L. Greene, member of the House of Representatives and member of the board of regents of the Smithsonian Institution, presided, and addresses were given as follows:

"Baird the Man," Dr. William Healey Dall; "Baird and the Smithsonian Institution and its branches," Dr. Charles Greeley Abbot; "Baird at Woods Hole," Professor Edwin Linton; "Baird and the fisheries," Professor David Starr Jordan; "Baird the naturalist," Dr. Clinton Hart Merriam.

The meeting had been arranged by the National Baird Memorial Committee, of which the officers were as follows: *Honorary president*, Dr. William H. Dall; *president*, Dr. Charles D. Walcott; *vice-presidents*, Mr. George R. Agassiz, Dr. Alexander Graham Bell (deceased), Professor Frank W. Clarke, Professor Stephen A. Forbes, Professor David Starr Jordan, Professor Edwin Linton, Professor Edward S. Morse, Professor Henry Fairfield Osborn, Professor Addison E. Verrill and Dr. Robert S. Woodward; *secretary*, Dr. Paul Bartsch.

The membership of the committee included representatives of fifty-four scientific societies and other organizations. At the close of the meeting the report of the committee was presented by Dr. L. O. Howard. It included the following recommendations:

First: That the Congress be memorialized to establish in the city of Washington a museum of fisheries and oceanography, a laboratory and a public aquarium as a memorial to Spencer Fullerton Baird.

Second: That there be established a fund for the encouragement of research and exploration in the direction in which Spencer Fullerton Baird was a leader.

Third: That the name of Baird be given to the laboratory of the Bureau of Fisheries at Wood's Hole, Massachusetts.

SCIENTIFIC NOTES AND NEWS

SECRETARY HOOVER has appointed the board of visitors of the United States Bureau of Standards for a period of three years as follows: President F. W. McNair, of the Michigan College of Mines; Dr. Ambrose Swasey, of Cleveland, Ohio; Dr. John R. Freeman, of Providence, Rhode Island, a consulting engineer; Professor Wilder D. Bancroft, of Cor-

nell University, and Dr. Samuel W. Stratton, formerly director of the bureau and now president of the Massachusetts Institute of Technology.

THE portrait of Professor A. A. Michelson, for thirty years head of the department of physics at the University of Chicago, has been completed by Ralph Clarkson, of Chicago, and turned over to the University of Chicago. The portrait was provided by the gifts of Professor Michelson's colleagues, former students, and other friends. It will be hung, temporarily, in the Quadrangle Club.

IN honor of the seventy-fifth birthday of Professor Flügge, who was for many years the director of the Hygienic Institute in Berlin, Professor Kayserling, of the Robert Koch Foundation for Combating Tuberculosis, has founded a Flügge fund for tuberculosis research.

THE council of the Geological Society, London, has this year made the following awards: Wollaston Medal, Mr. W. Whitaker; Murchison Medal, Dr. J. Joly; Lyell Medal, Mr. G. F. Dollfus; Bigsby Medal, Mr. E. B. Bailey; Wollaston Fund, Mr. H. H. Read; Murchison Fund, Mr. T. H. Withers; Lyell Fund, Dr. W. T. Gordon and Dr. W. N. Benson.

WE learn from *Nature* that the Buys Ballot Medal founded in 1888 in commemoration of the work of C. H. D. Buys Ballot, the famous meteorologist of the Netherlands, to be awarded by the Royal Academy of Science at Amsterdam first in 1893, and afterwards every tenth year, to the person who is judged to have made the most valuable contributions to the science of meteorology, is to be given this year to Sir Napier Shaw, professor of meteorology in the Royal College of Science, lately director of the Meteorological Office, for contributions to all branches of the science, and specially for his work as president of the International Meteorological Committee. The previous awards were: 1893, Dr. Julius Hann, of Vienna; 1903, Dr. R. Assmann and Dr. A. Berson, of Berlin, jointly; 1913, Dr. H. Hergesell, of Strasbourg.

PROFESSOR GEORGE E. BEGGS, of the School of Engineering of Princeton University, has been presented with the Watson Medal of the

American Concrete Institute for the year 1922. This medal is awarded for the most meritorious paper presented before the institute during the year. Mr. Beggs's paper, on "The mechanical solution of indeterminate structures," discusses the method of designing indeterminate structures in concrete and steel by solutions obtained from models made of cardboard and celluloid.

DR. WARREN P. LOMBARD, for twenty years professor of physiology at the University of Michigan, will retire in June. Dr. Lombard has been appointed professor emeritus and will retain a laboratory in the medical school. The following resolution was passed by the board of regents: "*Resolved*, That in accepting the resignation of Dr. Warren P. Lombard, the board desires to record its deep appreciation of his long and distinguished service to the university and to science. He has contributed much to the social and official life of the institution, always cheerfully and efficiently."

MRS. ANNA BOTSFORD COMSTOCK, until 1921 professor of entomology at Cornell University, has been nominated for trustee of the university. Mrs. Comstock was nominated in 1922, losing by a narrow margin, but polling a higher vote than any previous winner.

DR. BORDEN S. VEEDER, professor of clinical pediatrics at Washington University School of Medicine, has been named as a director of the new American Child Health Association.

DR. MARSTON T. BOGERT, professor of organic chemistry, at Columbia University, has been appointed referee in chemistry for the American Field Service Fellowships for French Universities.

DR. FRANCIS H. MCCRUDDEN, professor of therapeutics at Tufts Medical School, has been made chief of the medical service of the U. S. Public Health Service Hospital, Washington, D. C.

PROFESSOR VLADIMIR KARAPETOFF, of Cornell University, has been granted leave of absence for the second term of this year.

DR. PENTTI ESKOLA, who has been engaged in research work at the Geophysical Laboratory, Carnegie Institution of Washington, for the past eighteen months, has returned to Fin-

land to undertake work for the Geological Survey of that country.

PROFESSOR JAMES GLOVER, of the department of mathematics of the University of Michigan, has accepted an invitation to give a lecture under the auspices of the DeLamar foundation on February 19 before the School of Hygiene and Public Health of the Johns Hopkins University. He will speak on "Life tables as applied to public health problems."

ON February 13, Dr. George T. Moore, director of the Missouri Botanic Garden, St. Louis, will speak before the Chamber of Commerce Forum on "The civic value of the botanic garden."

PROFESSOR JOSEPH JASTROW, of the University of Wisconsin, on the invitation of the department of psychology at Clark University, gave a public lecture on January 27, on "Spirit belief, occult and scientific."

DR. CHARLES WARDELL STILES, professor of zoology in the United States Public Health Service, has recently given three lectures before the Journal Club of the department of medical zoology, School of Hygiene and Public Health, Johns Hopkins University, as follows: January 12, "The public health aspects of trichinosis"; January 19, "The attitude of the Public Health Service toward clonorchiasis"; and January 26, "Surveys of intestinal protozoa."

PROFESSOR HELLPACH, instructor in psychology at the polytechnic in Karlsruhe, now minister of public instruction in Baden, delivered last month an address before the Heidelberg Society of Science and Medicine on the influence of heredity and environment on physiognomy or facial expression.

At a joint meeting of the Washington Academy of Science with the Geological Society of Washington on January 24, M. E. De Margerie, director of the Geological Survey of Alsace-Lorraine, delivered an address on "The structure of the Alps."

THE annual council meeting of the British National Union of Scientific Workers was held at the Caxton Hall, Westminster, on January 13. Dr. A. A. Griffith, who presided, gave an address on "The support and utilization of

science. Dame Helen Gwynne-Vaughan was elected president.

THE St. Louis Chapter of the American Library Association met at the library of the Washington University School of Medicine, on January 24, 1923. Dr. H. S. Gasser, professor of pharmacology, spoke on "William Beaumont," the pioneer American physiologist; Dr. Major G. Seelig, professor of clinical surgery, spoke on "Personal recollections of Professor Julius Pagel." The Beaumont collection of manuscripts and books and the Pagel collection on the history of medicine were on exhibition.

THE Royal Society of Medicine celebrated the Jenner centenary on January 26 when Sir William Hale-White gave an address on "Jenner and his work."

THE Oklahoma Academy of Science will hold its annual meeting at the University of Oklahoma on February 10. One of the main features of the meeting, in addition to the reading of scientific papers showing research work done in the state, is the celebration of the one hundredth anniversary of the birth of Gregor Mendel and Louis Pasteur. The celebration will be held at a noonday luncheon, at which members of the academy will discuss the contributions these men made to science.

PROFESSOR GEORGE LEFEVRE, chairman of the department of zoology in the University of Missouri, died at his home in Columbia, Mo., on January 24. He had been suffering from a cold, but was comfortable and in the best of spirits until January 18, when he left the laboratory complaining of renewed discomfort. His illness was pronounced influenza and later pneumonia. On January 21 his condition was serious and after a slight rally on the day following he sank rapidly until the end. The burial was in Columbia on January 26. A further notice regarding his life and personality will appear in a subsequent number of SCIENCE.

DR. JOHN BERRY HAYCRAFT, emeritus professor of physiology in the University of Wales, died at Royston on December 30, aged sixty-five years.

GIFTS of \$1,000,000 each have been made by the Rockefeller Foundation and the Carnegie

Corporation to the New York Academy of Medicine. A part of the money is to be used in erection of a twelve-story building for the academy, which is planning an enlarged program for the medical profession and for the instruction of the public in preventive medicine.

DR. MAX NORDAU, the German philosopher, author of "Degeneration," died in Paris on January 23, in his seventy-fourth year.

THE Journal of the American Medical Association states that the University of Toronto is in urgent need of \$60,000 to purchase "insulin" for treatment of the thousands of people suffering from diabetes who are daily applying for treatment. The chairman of the university committee on insulin, Colonel A. E. Gooderham, considers that the problem of funds for the purchase of insulin is one that should be settled by the provincial government. At present, only about twenty patients can be treated each day.

ANNOUNCEMENT was made at the meeting at Atlantic City of the American Roentgen Ray Society of an offer of a \$1,000 award by the American society for the best original research in the field of X-ray, radium or radio activity. The competition will close July 1, 1923, and the prize will be awarded by a committee consisting of Dr. George E. Pfahler, Philadelphia; Dr. Frederick Baetjer, of Baltimore, and Dr. George W. Holmes, of Boston.

THE *Gorny Journal*, relating to the mining industries of Russia, and first issued in 1825, has resumed publication. It was supplanted in 1917 by official sheets of the labor organizations, but in its January-February issue of Volume 98 (1922) it returns to its original form. The board in charge of its publication includes a majority of members who were at the head of mining affairs before the revolution, as well as a considerable number of professors of the Petrograd Institute of Mines.

THE preparation by the Paris Academy of Sciences under the direction of M. Lacroix, permanent secretary, of a bibliography of the periodicals to be found in the various libraries of Paris has been completed and is now in press. Fifty thousand francs are required to pay expenses. Of this sum, nine thousand

francs have been received in gifts and the academy has added fifteen thousand francs taken from the Foundation Lontreuil.

A REGULAR meeting of the American Physical Society will be held in Fayerweather Hall, Columbia University, New York, on Saturday, February 24. If the length of the program requires it, there will also be sessions on Friday, February 23. Other meetings for the current season are as follows: April 20-21, Washington. Pacific Coast Section; place not yet determined. November 30, Chicago. Annual meeting.

UNIVERSITY AND EDUCATIONAL NOTES

PLEDGES amounting to approximately \$1,000,000 have been given for the establishment of a non-sectarian school of religion for the University of Michigan.

Two science buildings are being completed at Pomona College, Claremont, California. The Mason Hall of Chemistry, made possible through the generosity of a trustee, will cost \$275,000, including adequate provision for its endowment. The Crookshank Hall of Zoology is being erected at a cost of \$100,000.

THE China Medical Board of the Rockefeller Foundation has made a conditional gift of \$75,000 to the Peking Union Medical College for the erection of one of the two science halls which are provided for in the plans for a group of buildings to be erected on a 300-acre site. The gift is contingent on the raising of an equal amount for the erection of the other science hall. A campaign to raise the \$1,000,000 necessary for the erection of the new buildings was recently launched by L. Leighton Stewart, president of the university.

DR. WILLIAM S. McCANN, associate professor of medicine at Johns Hopkins University, has been appointed professor of medicine at the University of Rochester Medical School.

M. PAILLOT has been appointed to the newly established chair of experimental physics at the University of Lille.

DR. L. E. ROBERTS, physical chemist at the U. S. Bureau of Mines, has accepted the posi-