

gether with a number of shorter scientific communications.

This invitation has been sent to those whose names are given in the accompanying list:

America (United States): L. M. Dennis, M. Gomberg, F. G. Keyes, G. N. Lewis, W. A. Noyes, Th. W. Richards, J. Stieglitz, E. W. Washburn, W. R. Whitney.

Czecho-Slovakia: J. V. Dubsky, A. Simek.

Denmark: E. Biilmann, N. Bjerrum, J. N. Brønsted, J. Petersen, S. P. L. Sørensen, Chr. Winther.

Germany: M. Bodenstein, G. Bredig, F. Föster, O. Hahn, A. Hantsch, P. Pfeiffer, R. Pschorr, R. Schenck, Schlenck, A. Stock, A. Wohl, H. Wieland.

France: M. de Broglie, Mme. P. Curie, Darzens, A. Debiérne, V. Grignard, Victor Henri, P. Langevin, Ch. Marie, C. Matignon, Ch. Moureaux, J. Perrin, G. Urbain.

Great Britain: A. J. Allmand, E. C. Baly, F. G. Donnan, A. Findlay, H. Hartley, W. C. McC. Lewis, F. A. Lindemann, J. W. McBain, W. H. Perkin, N. Sidgwick, F. Soddy, J. Walker.

Italy: A. Angeli, G. Bruni, L. Cambi, A. Mioti, M. Padoa, N. Parravano, G. Plancher, G. Poma.

Holland: H. J. Backer, J. J. Blanksma, J. Böeseken, Ernst Cohen, A. F. Holleman, F. M. Jaeger, H. R. Kruyt, W. Reinders, P. van Romburgh, F. A. H. Schreinemakers.

Norway: H. Goldschmidt.

Austria: E. Abel, J. Biliter, F. Emich, A. Kailan, R. Kremann, A. Klemenc, W. Pauli, F. Pregl, A. Skrabal, R. Wegscheider.

Russia: M. Centnerschwer, W. Ipatiew, N. Kurnakow, Lasarew, Schiloff, L. Tseitschibabin, L. Tsugajew, P. Walden, N. Zelinsky.

Switzerland: E. Baur, P. Dutoit, Ph. A. Guye, F. Fichter, J. Picard, W. D. Treadwell.

Sweden: S. Arrhenius, S. Oden, Th. Svedberg.

Professor W. A. Noyes is acting as chairman of the committee to select American members of the conference, the other members being Professor Stieglitz, Professor Lewis and Dr. Whitney.

SCIENTIFIC NOTES AND NEWS

At the annual meeting of the National Academy of Sciences to be held at Washington from April 23 to 26, Dr. Hendrik Anton Lorentz, of the Rijks Universiteit, Leiden, will deliver the evening address on April 24, at the invitation

of the Academy and of the Carnegie Institution of Washington.

THE general meeting of the American Philosophical Society will be held in Philadelphia on April 20, 21 and 22. At the reception on Friday evening, Dr. Vernon Kellogg, of the National Research Council, will speak on "The Power and Impotence of Man."

PROFESSOR ALBERT EINSTEIN, of the University of Berlin, delivered the first of a series of four lectures in Paris on the "Theory of Relativity," under the auspices of the Collège de France.

PROFESSOR A. C. SEWARD, professor of botany at the University of Cambridge, was elected president of the Geological Society of London at the annual general meeting.

DR. E. B. POULTON, Hope professor of zoology at the University of Oxford, was elected president of the British Association of Economic Entomologists at the annual meeting, held on February 24.

DR. B. H. RANSOM, chief of the zoological division of the Bureau of Animal Industry, U. S. Department of Agriculture, has been elected a foreign corresponding member of the Royal Academy of Agriculture of Turin, Italy.

PROFESSOR HERBERT M. BOYLSTON, of the Department of Metallurgy and Mining at the Case School of Applied Science, has been appointed on the Board of the Engineering Foundation for a term of three years as representative of the American Institute of Mining and Metallurgical Engineers.

S. M. KINTER has been appointed manager of the research department of the Westinghouse Electric and Manufacturing Company, succeeding C. E. Skinner, who has been appointed assistant director of engineering in the same company.

COLONEL JAMES MILLIKEN has been elected president of the Pittsburgh Testing Laboratory succeeding George H. Clapp, who remains with the organization as a member of the board of directors.

DR. BERTRAND E. ROBERTS has been appointed epidemiologist of the State Department of

Health in the place of Dr. Edmund Boddy, who has resigned.

DR. GEORGE P. DONEHOO, a member of the American Association for the Advancement of Science, and secretary of the Pennsylvania Historical Commission, has been appointed by Governor W. C. Sproul, state librarian and director of the Pennsylvania State Museum.

DR. ARTHUR S. RHOADS, formerly assistant in forest pathology of the U. S. Bureau of Plant Industry, and more recently of the office of Cereal Investigations and the office of Fruit Disease Investigations of the same bureau, has resigned to accept the position of pathologist at the Missouri State Fruit Experiment Station at Mountain Grove, Missouri.

DR. H. C. BRYANT, economic ornithologist in the Museum of Vertebrate Zoology of the University of California, will again be in charge of the Yosemite Free Nature Guide Service, during the summer of 1922. This service furnished by the National Park Service with the cooperation of the California Fish and Game Commission, aims, through the medium of lectures, field excursions and office hours, to interest and instruct summer visitors in regard to the fauna and flora and the means to be taken to conserve it. During the season of 1921, over 31,000 persons heard lectures and campfire talks, and over 2,200 were given first-hand acquaintance with living things on field excursions.

At a meeting of the Board of Directors of the Gorgas Memorial Institute, at Washington on April 1, announcement was made that the Panama Government had provided a site for the proposed Gorgas Institute of Tropical and Preventive Medicine. The site is adjacent to the St. Thomas Hospital, which contains laboratories and buildings and represents a cost of approximately \$500,000. Dr. Richard Strong, professor of tropical medicines at Harvard University, has been elected director of the institute. The board also announced the selection of the directors of the Gorgas School of Sanitation to be established at Tuscaloosa, Ala. They are: Dr. S. W.

Welch, of Alabama; Dr. Charles F. Dalton, of Vermont; Dr. A. J. Chesley, of Minnesota; Dr. E. G. Williams, of Virginia; Dr. Lloyd Noland, medical director of the Tennessee Coal and Iron Company, and J. A. Laprinice representing the United States Public Health Service. This board will meet at Tuscaloosa during the last week in May and arrange the courses. At that time they will also probably elect a faculty.

A MEMORIAL to the late Dr. Charles Baskerville, professor of chemistry in the College of the City of New York, who died last January, is planned by the faculty and students of the college. It is proposed that the memorial will take one or more of the following forms: (1) The placing of a bronze tablet on the Chemistry Building, which is to be renamed Baskerville Hall. (2) The founding of a fund to provide for a medal to be called the Charles Baskerville Prize and to be awarded each year to the student doing the best work in chemistry. (3) The establishment of a scholarship to permit students who qualify to pursue courses in advanced chemistry. Subscriptions to the fund should be sent to Professor W. L. Prager of the college.

WE learn of the death on March 19, at Los Angeles, California, of Mrs. Martha Burton Williamson, long a prominent figure in that city, a contributor to the conchological literature of the Pacific Coast, and the donor of a large collection of shells to the Los Angeles City Museum. She had been for many years vice-president of the Historical Society of Southern California.

DR. BENJAMIN MOORE, Whitney professor of biochemistry in the University of Oxford, and formerly professor of physiology at Yale University, died on March 3, at the age of fifty-five years.

DR. AUGUSTUS D. WALLER, professor of physiology and director of the physiological laboratory of the University of London, died on March 11, at the age of fifty-five years.

THE death is announced from Paris, at the age of 84, of the dean of French mathema-

ticians, Camille Jordan, member of the Académie des Sciences, professor emeritus at the Collège de France and the Ecole Polytechnique. He will be particularly remembered for his "Traité des substitutions," which appeared in 1870 and is still to-day the great classic in the theory of finite groups for his "Traité d'Analyse" and especially for his editorship of the *Journal de Mathématiques* in which he followed Resal in 1884, guiding its destinies until this very last year. He had the intense satisfaction of seeing it recently saved from extinction, most probably owing to the strong support that it received from America.

PROFESSOR DR. THEODOR LIEBISCH, late professor of mineralogy at the University of Berlin, died at his home in Berlin on February 9, after a protracted and painful illness. A correspondent writes: "Liebisch was born on April 29, 1852 and from about 1890 to 1900 he was professor of mineralogy at the University of Göttingen. During this period there were many Americans studying for the doctor's degree with their major in chemistry. Most of these men took mineralogy under Professor Liebisch as one of their minors, and it is hardly too much to say that he was one of the most highly respected and best loved professors in the university. He perhaps did more in a personal nature for the American students in those days than did any other professor. All Americans respected and admired him for his deep learning, his ability as a teacher, his inspiration for research work and his extremely kind and ever-thoughtful nature. About the year 1900 he was called to the University of Berlin, and served there until about 1920, when he retired from active work. He was the author of many books, his most important being "Grundriss der Physikalischen Krystallographie."

A GEORGIA ACADEMY OF SCIENCE was organized on March 25 by a group of twenty-two scientific men, invited to the University of Georgia for that purpose. The delegates came from Emory University, the Georgia School of Technology, Mercer University, Oglethorpe University, the University of Georgia and the

Georgia Experiment Station. Practically all phases of scientific endeavor were represented. Membership in the academy is to be a recognition of noteworthy service to science or to the scientific development of the state, and the number is limited to fifty. It is the aim of the academy to foster every means of encouraging scientific research, to develop the natural resources of the state, and to stimulate in the people a realization of the fact that their prosperity depends very greatly on the scientific training of a large number of Georgia men.

THE Sigma Xi research fellowships for the coming academic year will be awarded in May. Applications should be made to Professor Edward Ellery, Union College Schenectady, N. Y. The awards are made for work in sciences other than physics and chemistry and to men and women who have already taken their doctor's degree. Applications should be accompanied by reprints of published articles and by reference to two or more persons competent to speak about the ability of the candidate in his or her special line. The minimum award is sixteen hundred dollars.

DR. WILLIAM CROCKER, director of the Thompson Institute for Plant Research, addressed the Brooklyn Institute of Arts and Sciences on March 25 on "The present outlook for plant research in Europe."

DR. W. J. HUMPHREYS, of the U. S. Weather Bureau, recently lectured before the West Virginia University Scientific Society on "Fogs and clouds."

UNIVERSITY AND EDUCATIONAL NOTES

It is announced that the three million endowment fund for Wesleyan University has been oversubscribed by a hundred thousand dollars.

MR. HAMILTON B. TOMPKINS has bequeathed the residue of his estate to Hamilton College, his alma mater, with a stipulation that \$100,000 be set aside for the increase and support of the college library, this fund to be known as the Hamilton B. Tompkins Library Endowment Fund. Five thousand dollars is left to Wells College.