

Evening

Professor William Bateson's address before the American Association, followed by the Biological Smoker at Hart House. Members of all biological societies are invited to attend.

THURSDAY, DECEMBER 29

A.M.

Joint meeting with Ecological Society of America.

P.M.

Section A. Parasitology.

Section B. General and Comparative Physiology.

FRIDAY, DECEMBER 30

A.M.

Business session.

Section A. Parasitology.

Section B. Genetics.

Inspection of Exhibits.

P.M.

Symposium on Orthogenesis: L. J. Henderson, C. B. Lipman, M. F. Guyer, William Bateson, and H. F. Osborn, with discussions by Oscar Riddle, J. G. Fitzgerald and J. C. Merriam.

Evening

Annual Zoology Dinner, followed by address by William Bateson, "The Outlook in Genetics." Members of all biological societies are invited to attend.

W. C. ALLEE,

*Secretary-Treasurer***SCIENTIFIC NOTES AND NEWS**

DR. WILLIAM BATESON, director of the John Innes Horticultural Institute, who will be present at the convocation week meeting at Toronto as the guest of the American Association for the Advancement of Science and the American Society of Zoologists, will give a public address on "The Evolutionary Faith and Modern Doubt." At the dinner of the Zoologists he will speak on "The Outlook in Genetics."

THE nomination of Dr. Walter B. Cannon, Harvard Medical School, to serve in the Medical Reserve Corps of the U. S. Army, with the rank of brigadier general, has been confirmed by the Congress.

HENRY HOWARD was elected president of the American Institute of Chemical Engineers at the convention held in Baltimore recently.

YANDELL HENDERSON, professor of applied physiology, graduate school, Yale University, has been elected a corresponding member of the Society of Physicians of Vienna.

SIR FRANK DYSON, astronomer royal, has been elected master of the Clockmakers' Company.

At the inaugural meeting of the 168th session of the Royal Society of Arts held on November 2, the society's medal was presented to Sir Dugald Clerk, Sir Herbert Jackson, Sir Daniel Hall and Sir Oliver Lodge, for their Trueman Wood lectures. Medals were also presented to Mr. A. F. Baillie, Dr. W. Cramp, Mr. W. Raitt and Sir Charles H. Bedford for papers of chemical interest.

At the meeting of the Chemical, Metallurgical and Mining Society of South Africa, held on October 15, the following gold medals were presented under the terms of the society's research endowment fund. For chemical research to Dr. James Moir; for metallurgical research to Dr. William Arthur Caldecott and Henry A. White; for mining research to John Innes.

DR. R. W. WOODWARD has resigned as physicist and chief of the section of mechanical metallurgy of the Bureau of Standards, Washington, D. C., to become chief metallurgist for the Whitney Manufacturing Company, Hartford, Conn.

PROFESSOR HENRY H. JEFFCOTT has recently been appointed successor to Dr. J. H. T. Tudsbury as secretary of the Institute of Civil Engineers, London.

PROFESSOR H. DOLD, of the Institute for Experimental Therapy in Frankfurt-on-Main, has been appointed to the charge of the sero-diagnostic department of the Emil von Behring Institute, under the supervision of Professor Uhlenhuth.

DR. F. E. KNOCH, superintendent of the United Oil Company, Florence, Colorado, and

Dr. S. K. Loy, chief chemist for the Rocky Mountain Division of the Standard Oil Company (Inc.), Casper, Wyoming, have accepted appointments as consulting chemists to the U. S. Bureau of Mines. They will assist the regular staff in the investigations now being carried on by the bureau with Colorado and Utah oil shales at its Boulder and Salt Lake stations.

JAMES H. MASON KNOX, JR., associate in clinical pediatrics in the John Hopkins Medical School, has been granted a year's leave of absence to assume charge of child welfare work in Europe, under the Red Cross.

GAICHI YAMADA, assistant professor of metallurgy at the Kyoto Imperial University of Kyoto, Japan, has been visiting the mills and smelters of the Great Lakes district in conclusion to a year's tour of the United States.

DR. CAYETANO LOPEZ, port inspector of Barcelona for the Spanish Bureau of Animal Industry, recently spent some time in Washington studying the organization and methods of the Bureau of Animal Industry of the United States Department of Agriculture with special reference to bacteriology and pathology. The Spanish Government contemplates the establishment of a laboratory in connection with the agricultural department for the study of animal diseases.

PROFESSOR ARTHUR DE JACZEWSKI, director of the Institute of Mycology and Phytopathology at Petrograd and president of the Russian Mycological and Phytopathological Society, and Professor N. I. Vavilov, director of the Bureau of Applied Botany and Plant Breeding at Petrograd and editor-in-chief of the Russian Phytopathological Society, who came to the United States last August as the guests of the American Phytopathological Society, have completed their study trip through this country, and the following telegram has been received from them: "Leaving America we wish to send our American friends a last farewell and to thank you once more for the heartfelt and kind reception that made our trip in this country so pleasant and useful. We shall

never forget the time spent with American scientists, and we hope that the connections established now in such a good way will be continued for the good of science and of our countries."

DR. W. H. PARKS, director of the research laboratory in the New York Board of Health, was the guest of the Wisconsin Branch of the Society of American Bacteriologists on December 2. In the afternoon he gave a lecture on "The Importance of the Schick Test in the Control of Diphtheria," which was open to the public. This was followed in the evening by a dinner and smoker at the University Club where Dr. Parks spoke informally about the work of his laboratory.

A COURSE of ten lectures in applied anthropology will be given under the auspices of the Young Men's Christian Association and the Institute of Vocational Research of Washington, D. C., by Dr. Aleš Hrdlička of the U. S. National Museum.

PROFESSOR J. H. WALTON, of the department of chemistry of the University of Wisconsin, lectured before the Milwaukee section of the American Chemical Society on November 18, on the subject "The Influence of Impurities on the Rate of Growth of Certain Crystals."

THE second of the series of lectures on the "Progress of Science," under the auspices of the Society of Sigma Xi, Columbia Chapter, was held on December 15, by Dr. James Kendall, associate professor of chemistry, on "Recent progress in the science of chemistry."

A BUST of the late Professor G. Galeotti is to be placed in the pathological institute at Naples.

SIR DOUGLAS FOX, past president of the Institute of Civil Engineers and honorary member of the American Society of Civil Engineers, died in London on November 12, at the age of eighty-one years.

MR. EDWARD WINDSOR RICHARDS, a past president of the Institution of Mechanical Engineers and of the Iron and Steel Institute, died on November 12, at the age of ninety years.

DR. PETER THOMPSON, professor of anatomy

at the University of Birmingham and dean of the faculty of medicine, died recently at the age of fifty years.

PROFESSOR ERB, the neurologist, of Heidelberg, has died at the age of eighty-three years.

FOR the Toronto meeting of the American Association one of the attractions will be an exhibition of scientific apparatus and products held under the auspices of the association. It is hoped that firms and individual scientific men who have something new to exhibit will take advantage of this exhibition. The exhibition is in charge of an exhibition committee at Toronto, the chairman of this committee being Professor F. E. Burton, of the University of Toronto. Arrangements for entering exhibits are to be made by direct correspondence with Professor Burton.

THE American Anthropological Association will meet in conjunction with the American Folk-lore Society, the Maya Society and the Southwest Society at the Brooklyn Institute Museum from December 28 to 30 inclusive.

THE Geological Society of America will meet at Amherst, Mass., from December 28 to 30.

THE date for the Birmingham, Ala., meeting of the American Chemical Society has been placed from April 4 to 7, 1922.

THE American Petroleum Institute held its annual meeting at the Congress Hotel, Chicago, on December 6, 7 and 8.

THE tenth International Congress of Otolaryngology will be held in Paris next year. Dr. A. Hautant of Paris is secretary-general of the French committee.

UNIVERSITY AND EDUCATIONAL NEWS

THE Molteno Institute for Research in Parasitology, presented to the University of Cambridge by Mr. and Mrs. Percy A. Molteno, was formally opened on November 28.

DR. HENRY LAURENS, formerly assistant professor in biology in Yale College, has been promoted to be an associate professor of physiology and transferred from the department of zoology to the medical school faculty, where he

has charge of the physiology. Associated with him is Dr. W. F. Hamilton, formerly instructor in physiology in the University of Texas. Dr. J. W. Buchanan (University of Chicago) has been appointed an instructor in biology in Yale College in Dr. Laurens's place.

DR. LANSING S. WELLS, until recently research chemist with the Barrett Company, Philadelphia, has accepted an appointment as assistant professor of organic and physical chemistry at the Montana State College, Bozeman, Mont.

DR. GLEN E. CULLEN has been elected associate professor of research medicine, and Dr. Goldschmidt, former lecturer in physiology in the School of Medicine, Cornell University, Ithaca, N. Y., has been elected assistant professor of physiology in the School of Medicine of the University of Pennsylvania. Dr. James Harold Austin was elected, last spring, professor of research medicine, to succeed Dr. Richard M. Pearce, who resigned to accept a position with the Rockefeller Foundation.

MR. HERBERT H. TANNER has been appointed assistant professor of chemistry in the University of Oregon.

JULIAN D. CARRINGTON, lately curator of biology at Cornell University, has resigned to become assistant professor of biology at the University of South Carolina.

APPOINTMENTS for the present year at the Case School of Applied Science include Dr. H. H. Lester, from the University of Washington and commercial work, to be assistant professor of physics, and Dr. J. J. Nassau, from Syracuse University, to be assistant professor of mathematics and astronomy.

DISCUSSION AND CORRESPONDENCE IN ASSISTANCE OF THE ARCHIVES DE BIOLOGIE

It will be remembered by the biological laboratories of about one hundred and fifty colleges and universities that last spring their attention was called to sets of lantern slides made from photomicrographs of Nereis egg preparations put up by Professor O. Van der Stricht, of the University of Ghent. The