

country. The spring of 1923 has been selected as the most suitable time for this visit, which will last about three months.

According to the agreement between the Rockefeller Foundation and the government of Honduras, a hookworm disease section and a public health department were organized in that country. The Foundation will bear 66 per cent. of the expenses during the first year and 34 per cent. during the second, and the Honduras government will assume all expense from the third year on.

In a report from Geneva, August 17, it was stated that the hygiene committee of the League of Nations had decided to accept the offer of the Rockefeller Foundation, amounting to the sum of \$60,000 a year for three years, to allow an interchange of staff in the public health services of various countries, and a sum of \$30,000 yearly for five years for the development of an international office for distributing information as to epidemics. After the necessary documents are signed, the plan will be put into action at once, and the interchange of staff will begin in October. For a period of two weeks, functionaries of various nationalities—a Bulgarian, two Belgians, two Czechs, five Italians, five Poles, five Russians and two Serbians—will pursue an intensive short course at Brussels, following which they will spend two months in the public health services of different countries.

SCIENTIFIC NOTES AND NEWS

SIR ERNEST RUTHERFORD, Cavendish professor of physics at the University of Cambridge, has been elected president of the British Association for the Advancement of Science in succession to Sir Charles S. Sherrington. The meeting next year will be at Liverpool, and it is expected that the meeting the following year will be in Canada.

PROFESSOR W. L. BRAGG, of Manchester University, who, together with his father, Sir William Bragg, was awarded the Nobel Prize for physics in 1915, delivered on September 6 the lecture in Stockholm as prescribed by the statutes of the Nobel Institution.

ENGINEER VICE-ADMIRAL SIR GEORGE GOODWIN, K. C. B., late engineer-in-chief of the fleet, and Dr. James Colquhoun Irvine, C. B. E., F. R. S., vice-chancellor and principal of St. Andrews University, have been appointed to be members of the advisory council to the committee of the privy council for scientific and industrial research.

DR. WILLARD ROUSE JILLSON, director and state geologist of the Kentucky Geological Survey, was elected an honorary member of the Natural Gas Association of America at its recent meeting in Kansas City.

DR. HENRY FAIRFIELD OSBORN, president of the American Museum of Natural History, has sailed from Seattle on the *President Grant* of the Admiral Line for Yokohama. From Yokohama Dr. Osborn will go to Korea and thence by rail to Peking to the headquarters of the museum, where he will meet the members of the Third Asiatic Expedition. During his stay in Peking, Dr. Osborn plans to make a trip to the edge of the Gobi Desert, where the expedition has found beds of Cretaceous and Tertiary deposits. From Peking, he will go to the Philippine Islands and from there to India to visit the fossil-bearing formations in the Siwalik Hills, where Mr. Barnum Brown is collecting for the museum.

At the Pittsburgh meeting of the American Chemical Society, the Division of Industrial and Engineering Chemistry elected D. R. Sperry, chairman, W. A. Peters, Jr., vice-chairman, E. M. Billings, secretary, and the following were elected members of the executive committee: W. F. Hillebrand, Edward Mallinckrodt, Jr., F. M. deBeers, A. Silverman, H. C. Moody, and C. E. Coates.

NORMAN SNYDER, a member of the scientific staff of the Radio Laboratory of the Bureau of Standards, left the bureau June 1 for a leave of absence of several months to work in the research laboratory of the General Electric Company at Schenectady on electron tube problems.

F. W. STAVELY, Ph.D. (Chicago, '22), has accepted a position with the Firestone Tire and Rubber Company at Akron, Ohio.

DR. C. S. LEONARD, who has for the past year been working with Dr. A. S. Loevenhart at the University of Wisconsin upon synthetic arsenicals, has accepted a position as a pharmacologist in the Hygienic Laboratory, U. S. Public Health Service, Washington, D. C.

THE following have joined the staff of the research laboratory of the Eastman Kodak Company: Dr. Helge Schibsted, formerly with the Atmospheric Nitrogen Company; Clyde Brockett, Massachusetts Institute of Technology, 1922; Alasco Burgess, Bates College, 1922; D. Henry Harris, Massachusetts Institute of Technology, 1922; Roger P. Loveland, Grinnell College, 1919.

DR. LEWIS M. HULL, who for several years has been engaged in studies of electron tubes in the radio laboratory of the Bureau of Standards, has resigned to accept a position as director of research of the Radio Frequency Laboratories, Inc., of Boonton, N. J.

MISS GUDRUN CARLSON, assistant in the department of foods and cookery at Teachers College, has been appointed home economics expert in the publicity department of the Institute of American Meat Packers.

MR. ERIC R. JETTE, who recently completed his work for the Ph.D. in chemistry at Columbia University, has sailed for a year of study in Stockholm. He has an American Scandinavian fellowship for the year 1922-23.

DR. ROLAND E. KREMERS has resigned as assistant professor of chemistry in Vanderbilt University, and has returned to the University of Wisconsin, where he will be in residence this year under a National Research Council fellowship. He will work on the peppermint oils and on azulene.

DR. F. L. STEVENS, professor of plant pathology in the University of Illinois, has returned from a summer spent in collecting fungi in British Guiana. Collections were made on the coast and in Demerrara, Essequibo and Potaro Rivers.

PROFESSOR C. A. NOBLE, of the department of mathematics, University of California, has been granted a term's leave of absence, which he will spend in Europe.

DR. KNUD STEPHENSEN, of the Zoological Museum at Copenhagen, known for his studies on the Crustacea, is visiting the scientific institutions of the United States.

DR. WILFRED T. GRENFELL, known for his work in Labrador, has sailed for Europe and will lecture twice in London. Lord Milner will preside at one of these lectures.

AT the Pittsburgh meeting of the chairmen and secretaries group of the American Chemical Society, a plan was launched by which Professor E. C. Franklin, of Leland Stanford University, will give a series of lectures before several of the local sections of the society. These will be given near the time of the spring meeting, that is, the latter part of March and the early part of April. The following sections have asked Dr. Franklin to speak before them on this trip: Chicago, Detroit, East Lansing, University of Michigan, Purdue, Cleveland, New Orleans, West Virginia, Pittsburgh, Buffalo, Rochester, Syracuse and Philadelphia. If there are other sections of the American Chemical Society or other scientific bodies who would like to have Dr. Franklin speak before them, information can be obtained by writing to E. M. Billings, Kodak Park, Rochester, N. Y.

MR. A. CHASTON CHAPMAN, F.R.S., honorary treasurer in England of the Pasteur Commemoration Fund, writes to the *British Medical Journal* that a sum of £843 14s. 6d. has been subscribed to this fund, in addition to sums which had previously been sent to France in response to earlier and direct appeals. In accordance with a resolution passed at a recent meeting of the Pasteur Commemoration Committee, presided over by Sir Charles Sherrington, P.R.S., a draft for the above amount is being forwarded to Monsieur Héring, the general treasurer, at Strasbourg, with an intimation that should the amount prove more than the French committee desires to expend upon the monument the excess should be devoted to some other form of permanent memorial of Pasteur in the University of Strasbourg.

THE Prince of Wales has consented to unveil on November 3 the memorial tablet of the late Professor Sir William Ramsay which is being

placed in Westminster Abbey. The tablet has been executed by Mr. Charles L. Hartwell, A.R.A., and was exhibited at the Royal Academy this summer.

DR. HORATIO R. STORER died at his home in Newport on September 18, at the age of ninety-two years. Dr. Storer was a distinguished gynecologist, who, after an infection from an operation, retired from active practice in 1872. He continued to be active in many scientific movements, having been the founder and life-president of the Newport Natural History Society.

UNIVERSITY AND EDUCATIONAL NOTES

By the will of Dr. William S. Halsted, lately professor of surgery in the Johns Hopkins University, the residue of his estate, valued at approximately \$100,000, is left to the university, subject to the payment annually to his widow of five per cent. of the value of the legacy. The bequest is to be devoted to research in medicine, preferably in surgery.

On September 6, the old chemical laboratory of the Massachusetts Agricultural College was destroyed by fire. The building was one of the oldest on the campus, having been built in 1867, and occupied more or less completely by the department of chemistry since that time. About four thousand dollars' worth of apparatus, including all the platinum, was recovered. A new laboratory was provided for during the last legislature by an appropriation of \$300,000. This building is now being erected and will be ready for occupancy in August, 1923.

By action of the board of trustees of the Ohio State University on June 19, supplemented by further action on July 11, the College of Homeopathic Medicine, which had been a part of the university since 1914, was abolished.

DEAN D. W. MOREHOUSE, for twenty-two years professor of physics and astronomy at Drake University, Des Moines, Iowa, has been elected dean of the liberal arts college and acting president. President Arthur Holmes is

on leave of absence, his resignation taking effect on June 1, 1923. Dr. Morehouse was awarded the Donahue Comet Medal in 1908 for discovery of the Morehouse comet.

DR. W. N. STELL, of the University of Wisconsin, has been appointed professor of botany in Marquette University, the former department of biology having been divided into the separate departments of botany and zoology. Dr. Edward J. Menge, former director of the department, automatically becomes director of the department of zoology.

DR. MARTIN C. E. HANKE has been appointed instructor in physiological chemistry at the University of Chicago.

W. J. KOSTER, who during the past year has been instructor in zoology at Columbia University, returns this fall to Ohio State University as assistant professor of zoology and entomology.

DR. L. E. MILES, of the Mississippi Plant Board, has become associate professor of plant pathology and associate plant pathologist in the Alabama Polytechnic Institute and Experiment Station.

PROFESSOR H. R. DEAN, of the University of Manchester, has been appointed professor of pathology at the University of Cambridge in succession to the late Sir German Sims Woodhead.

CAPTAIN GEORGE PAGET THOMSON, lecturer in mathematics at Corpus Christi College, Cambridge, has been appointed to the chair of natural philosophy in the University of Aberdeen, in succession to Professor C. Niven, recently retired. Mr. Thomson, who was unanimously elected by the court out of seventeen applicants, is the only son of Professor Sir J. J. Thomson, master of Trinity, Cambridge. He has had a distinguished academic career, and is only thirty years of age.

DISCUSSION AND CORRESPONDENCE

GROWTH OF PLANTS IN ARTIFICIAL LIGHT FROM SEED TO SEED

DURING the past winter the author has succeeded in producing good seed from plants