

days of the university, will deliver the address of welcome in his honor.

Plans are being made along the lines similar to those of the meetings of national scientific and learned societies for a series of sixteen conferences in the main branches of learning. Among the Johns Hopkins alumni who have already consented to speak at these conferences are:

Henry Van P. Wilson, professor of biology, University of North Carolina.

Ross G. Harrison, professor of anatomy, Yale University.

W. C. Coker, professor of botany, University of North Carolina.

Joseph Jastrow, professor of psychology, University of Wisconsin.

Edward C. Franklin, professor of organic chemistry, Leland Stanford University.

William H. Burnham, professor of pedagogy, Clark University.

William S. Bayley, professor of geology, University of Illinois.

Florence Bascom, professor of geology, Bryn Mawr College (first woman to receive the degree of Ph.D. at the Johns Hopkins University).

George Otis Smith, director of the Geological Survey.

Benjamin Leroy Miller, professor of geology, Lehigh University.

D. W. Ohern, formerly professor of geology in the University of Oklahoma.

Marcus I. Goldman, of the Geological Survey.

W. P. Woodring, of the Geological Survey.

Luther P. Eisenhart, professor of mathematics, Princeton University.

Arthur B. Coble, professor of mathematics, University of Illinois.

Henry B. Brooks, chief of the electrical instruments and meter section of the United States Bureau of Standards.

A SURVEY OF FORESTRY RESEARCH UNDER THE NATIONAL ACADEMY OF SCIENCES

PROFESSOR HENRY S. GRAVES, dean of the School of Forestry and provost of Yale University, will spend the summer at various European forest schools and experiment stations making a study of the educational aspects of the problems of research in forestry, with special reference to the requirements for training men to conduct research in this field.

Dean Graves is a member of a committee of three engaged in making an intensive study of research problems in forestry, conducted under the auspices of the National Academy of Sciences and financed by the General Education Board. This is said to be the first time that American natural scientists have intensively investigated European methods of preserving the forests with a view to their application in the United States.

The purpose of the study, according to Dean Graves, is to determine what are the important lines of basic research necessary to lay a sound foundation for forestry, to ascertain what is now being done in this country and abroad, and to formulate a plan for a greatly enlarged program of research.

"A certain amount of research," he said, "is now under way at the various stations of the United States Forest Service, at the forest schools and at various other agencies and institutions. There is, however, special need of investigations in the sciences underlying forestry with special reference to problems encountered in the field of forestry. The National Academy is particularly interested in these fundamental problems."

The special committee under whose direction the work will be accomplished consists of the chairman, Professor L. R. Jones, of the University of Wisconsin, Dr. John C. Merriam, president of the Carnegie Institution of Washington, who also represents the academy, and Dean Graves. The actual work of making the survey of the problems of research will be carried on by Professor I. W. Bailey, of the department of botany of Harvard University, who for a long time has been associated with the forestry work done at that institution, and by Dr. H. A. Spoehr, head of the laboratory of the Carnegie Institution at Carmel, Calif.

APPOINTMENT TO THE NON-RESIDENT LECTURESHIP IN CHEMISTRY AT CORNELL

THE non-resident lecturer in chemistry at Cornell University for the first term of the next university year will be Dr. Fritz Paneth, professor of inorganic chemistry in the University of Berlin, who will present, under the general title "Selected Topics in Inorganic Chemistry," the results of his research and study concerning the general significance of radiochemistry, isotopes, the periodic system from the viewpoint of Bohr's atomic theory, the hydrogen compounds of the chemical elements, natural and artificial transformation of the elements, and the use of the radio-elements as indicators.

A correspondent writes that although only thirty-eight years of age, Professor Paneth has already achieved international reputation as one of the most brilliant and versatile investigators in his field. He is an Austrian, and his student years were spent in his native city, Vienna. He received the degree of doctor of philosophy from the University there in 1910, and then was appointed assistant in the Vienna Radium Institute. In 1913 he went to Great Britain and studied under Soddy in Glasgow and Rutherford in Manchester. Upon his return to Vienna he received appointment as instructor (*privatdozent*) in

inorganic chemistry and radioactivity in the university of Vienna. He was then called to the German Technical School in Prag, and in 1919 accepted a professorship in the newly created University of Hamburg. In 1922 he received appointment to the professorship of inorganic chemistry in the University of Berlin, the position which he now holds.

SCIENTIFIC NOTES AND NEWS

DR. CALVIN W. RICE, secretary of the American Society of Mechanical Engineers, has received the degree of doctor of engineering from the Technische Hochschule of Darmstadt. Dr. Rice is now visiting technical and industrial museums in Europe.

DR. JABEZ N. JACKSON, president of the American Medical Association, has received the honorary degree of doctor of science from Park College.

QUEENS UNIVERSITY, Kingston, Ontario, Canada, conferred the honorary degree of LL.D. on Dr. William H. Rankin, officer in charge of the Dominion Laboratory of Plant Pathology, on May 6, who graduated from that institution thirty-seven years ago.

PROFESSOR LUCIEN GALLOIS, of the University of Paris, was presented with the Cullum geographical medal by Ambassador Herrick on May 27. This medal was awarded to Professor Gallois last December by the American Geographical Society for his work in the advancement of geography.

AMBASSADOR J. G. SCHURMAN has arrived in Munich for the purpose of presenting the David Livingstone centenary medal of the American Geographical Society recently awarded to Professor Erich von Drogalski in recognition of his work in the South Polar region.

At the fourth annual meeting of the Virginia Academy of Science, held at the University of Virginia on May 7 and 8, Dr. J. Shelton Horsley was elected president and Dr. E. C. L. Miller, secretary-treasurer, both of Richmond, Va.

DR. GEORGE B. FRANKFORTER, professor of chemistry and for many years dean of the school of chemistry at the University of Minnesota, will retire at the close of the current academic year, after thirty-three years of service.

DR. WILLIAM H. BURNHAM, for twenty years head of the department of pedagogy and the school of hygiene of Clark University, will retire from his professorship at the end of the present university year.

THE fiftieth professional anniversary has recently been celebrated by the emeritus professors, H. Vierordt, Tübingen; M. von Gruber, Munich, and P. Zweifel, Leipzig.

ROBERT T. BOOTH was succeeded on April 1 by Richard H. Goddard as observer-in-charge of the Huancayo Magnetic Observatory (Peru) of the Carnegie Institution of Washington.

GEORGE W. SEARS, of the chemistry department at the University of Nevada, has been appointed consulting chemist in the rare and precious metals, at the Reno Experiment Station, of the Bureau of Mines.

N. A. C. SMITH, assistant superintendent of the Petroleum Experiment Station of the U. S. Bureau of Mines, at Bartlesville, Oklahoma, has been appointed superintendent of the station. He succeeds E. P. Campbell, who recently resigned to accept a position with the Pure Oil Company.

PROFESSOR LEONOR MICHAELIS, of the University of Berlin and visiting professor of biochemistry in the Aichi University of Nagoya, Japan, has been appointed resident lecturer in research medicine in the Johns Hopkins University for a period of three years. Dr. Michaelis has recently arrived from Japan and has begun his research work in biophysics at the Johns Hopkins Hospital.

ASSISTANT PROFESSOR CHARLES E. O'ROURKE, of Cornell University, has been granted a leave of absence for at least one year to accept a position as head of the department of structural engineering at Peiyang University in Tientsin, China. He will sail on July 15.

PROFESSOR F. L. WASHBURN, of the University of Minnesota, has returned from the South Pacific with several thousand insect specimens for his institution. Collections were made chiefly in the Tuamotu Archipelago and in the Leeward group of the Societies.

DR. JOHN K. SMALL, head curator of the New York Botanical Garden, has been engaged in botanical exploration in southern Florida and Louisiana.

C. T. GREENE, assistant entomologist in the taxonomic investigations, U. S. Bureau of Entomology, has gone to Panama, where he will collect, rear and associate larvae and adults of fruit flies for the Federal Horticultural Board.

DR. TRUMAN MICHELSON, of the U. S. Bureau of Ethnology, left Washington on May 30 for the Fox reservation at Tama, Iowa, to spend his fifteenth consecutive season of research work with the Fox tribe of Indians.

PROFESSOR MARCUS C. FARR, of the department of geology at Princeton University, will sail for England on June 24 for study at the British Museum.

PROFESSOR F. L. STEVENS, of the University of Illinois, will spend the summer studying type speci-