

many important papers already scheduled. It is likely that their presentation will require several sessions. A whole day session is planned for a symposium to discuss the relationship between weather and forest fires.

The meeting of the American Association of Petroleum Geologists which is arranged for September 20 to 22 will be representative of the oil interests of the United States and Mexico and will be a significant event in the development of this important industry and of this branch of geology. The association has a large membership, including many prominent geologists. Their program will be of great general interest. The holding of these sessions following the period allotted for the general convention will afford an opportunity for attendance of which many will take advantage.

Secretary C. O. Esterly, of the Western Society of Naturalists, anticipates an attendance of at least 200 members. One session on Tuesday afternoon, September 18, will be devoted to a joint symposium with the Ecological Society of America on "Evolutionary and Ecological Aspects of Distribution of Plants and Animals in California." Papers will be presented on plant life of the desert by Dr. Forrest Shreve; on different aspects of evolution among desert animals, by Dr. Joseph Grinnell and by Dr. Francis B. Sumner, and on floral elements of California, by Dr. LeRoy Abrams.

One of the significant features of the Los Angeles program will be a joint symposium arranged for Wednesday afternoon, September 19, in which the Physiological Section of the Botanical Society of America, The American Phytopathological Society of America, the American Association of Economic Entomologists and the Ecological Society of America will participate, the subject being "Ecological Factors in the Distribution and Severity of Plant Diseases and Insect Pests."

W. W. SARGEANT,
Secretary of the Pacific Division

SCIENTIFIC NOTES AND NEWS

RAPHAEL PUMPELLE, the distinguished geologist and explorer, died at his home in Newport, on August 10, at the age of eighty-six years.

DR. T. WINGATE TODD, professor of anatomy in the school of medicine of Western Reserve University, Cleveland, has been elected foreign corresponding member of the Royal Academy of Brussels, Belgium. Dr. Todd's election was unanimous, a result which has not occurred in years.

GEORGE W. CARVER, Tuskegee Institute, has been awarded the Spingarn medal for 1922, given annually

for the most notable achievement by an American citizen of African descent. Mr. Carver is known for his work in applied chemistry in agricultural products, particularly those of the peanut and sweet potato.

THE DUKE OF CONNAUGHT, president of the Royal Society of Arts, at a meeting of the society in July presented the Albert Medals of the society, awarded to Sir David Bruce and Sir Ronald Ross "in recognition of the eminent services they have rendered to the economic development of the world by their achievements in biological research and the study of tropical diseases."

DR. PINERUA, professor of chemistry, University of Madrid, will be guest of honor at a banquet given in connection with the unveiling of his bust in his lecture hall by former students on his reaching the age limit.

At the Portsmouth meeting held during the third week of July, Dr. C. P. Childe was elected president of the British Medical Association.

DR. A. RUSSELL has been elected president and Sir James Devonshire vice-president of the British Institution of Electrical Engineers.

SURGEON REAR-ADMIRAL JOSEPH CHAMBERS has been appointed director-general of the Medical Department of the British Navy, in succession to Surgeon Vice-Admiral Sir Robert Hill, to date from October 1, 1923.

S. T. DANA, forest commissioner of Maine, has been appointed director of the northeastern forest experiment station of the Forest Service, which was provided for by the last Congress, according to an announcement by the United States Department of Agriculture. It will cover in its activities the northeastern forest region, including the New England States and New York, with headquarters at Amherst, Mass.

DR. FRANK M. PHILLIPS, who has been with the U. S. Public Health Service for the past four years, has accepted the position of chief of the Division of Statistics, effective August 1. He has been retained as consultant in research in the Public Health Service and in the Bureau of Mines. He is also professor in statistics at George Washington University.

DR. NATHANIEL ALLISON, dean of the Medical School of Washington University, St. Louis, has been appointed chief of the Orthopedic Department of the Massachusetts General Hospital.

DR. LELAND E. COFER has been appointed director of the division of industrial hygiene of the New York State Department of Labor. Dr. Cofer has been an officer in the U. S. Public Health Service for more than thirty years.

M. JEAN BOSLER has been nominated by the Paris Academy of Sciences for director of the observatory at Marseilles.

PROFESSOR LUBARSCH has been appointed director of the Robert Koch Foundation for Combating Tuberculosis in place of the late Professor Orth.

MAURICE L. HUGGINS, who has held a National Research fellowship in chemistry during the past year at Harvard University, has been reappointed for the coming year, which he will spend at the California Institute of Technology at Pasadena, carrying on researches in the field of crystal analysis by means of X-rays.

DR. F. L. RANSOME, who has been a member of the U. S. Geological Survey since 1897, leaves Washington on September 6 to take up his new work as professor of economic geology and head of the department of geology at the University of Arizona, at Tucson, Arizona. Dr. Ransome has accepted the appointment for the coming academic year, but has not resigned from the Geological Survey and is under no engagement to remain permanently at Tucson.

VICTOR YNGVE, who has been engaged in cryogenic research at Harvard University during the past year, has accepted a position as director of research for the Manhattan Electrical Supply Co., New York City.

A. T. MCPHERSON, Ph.D. (Chicago, '23), has accepted a position as associate chemist in the Bureau of Standards, where he is engaged in the investigation of rubber and gutta percha as insulating materials.

LOWELL H. MILLIGAN, Ph.D. (Cornell '23), has taken a position as research chemist with the Norton Co., at Worcester, Mass.

DR. J. WALTER FEWKES, chief of the bureau of American ethnology of the Smithsonian Institution, has returned to Washington from an investigation of pottery found in the Mimbres Valley in New Mexico.

CHARLES W. COULTER, assistant professor of sociology in Western Reserve University, has returned to the United States after an absence of over a year in China, where he taught at Nanking University, in Nanking; at Nankai University in Tientsin and in Peking University.

PROFESSOR BURTON CAMP, of the department of mathematics of Wesleyan University, has been granted leave of absence for the college year, 1923-1924. Professor Camp is planning to work at the library of the University of Paris and later to work on the mathematical theory of statistics with Professor Karl Pearson at the Biometric Laboratory of University College, London.

DR. WILHELM SEGERBLOM, secretary of the commission to revise the definitions of the requirement in chemistry of the College Entrance Examination Board, writes that the commission desires to have the benefit of all opinion adverse or otherwise on the present syllabus. All teachers who wish to criticize either the chemistry syllabus itself or the examinations set in accordance therewith or who may have constructive comments looking towards improvements in the requirement are requested to send such information to the chairman of the revision commission, Prof. Percy T. Walden, Department of Chemistry, Yale University, New Haven, Connecticut.

THE following awards were made at the meeting of the trustees of the Elizabeth Thompson Science Fund on May 28: Dr. E. B. Krumbhaar, Philadelphia General Hospital, Philadelphia, Pennsylvania, for the study of immunity to cancer, \$150. Professor H. A. Laurens, Yale University School of Medicine, New Haven, Conn., toward the purchase of a monochromatic illuminator for the visible and ultra violet, \$300. Dr. W. W. Swingle, Osborn Zoological Laboratory, Yale University, New Haven, Conn., to aid in the completion of experiments on endocrine glands, \$150. The Elizabeth Thompson Science Fund is administered by G. H. Parker, *president*; E. B. Wilson, *secretary*; Charles S. Rackemann, *treasurer*, and G. P. Baxter and W. B. Cannon, members of the board of trustees. The trustees meet three times a year toward the end of February, of May and of November. Applications should be in the hands of the secretary well in advance of the date of the meeting.

UNIVERSITY AND EDUCATIONAL NOTES

By the will of Nettie Fowler McCormick, widow of Cyrus H. McCormick, inventor of the reaper, Washington and Tusculum College at Tusculum, Tennessee, received \$100,000.

BOSTON UNIVERSITY has received a bequest of \$100,000 from the late Austin B. Fletcher, of New York, a member of the board of trustees.

DR. CHARLES A. KRAUS, professor of chemistry in charge of graduate work and director of the research laboratories of chemistry at Clark University, Worcester, will join the faculty of Brown University in September, 1924.

DR. WILLIAM H. GOODRICH, Augusta, has been elected dean of the University of Georgia School of Medicine to succeed the late Dr. William H. Doughty.

ALTON LINCOLN SMITH, professor of drawing and machine design at the Worcester Polytechnic Institute, has been elected to the newly established position of assistant to Dr. Ira N. Hollis, president of the institute. Professor Smith, who is one of the oldest