

been loaned for the exhibit by Mr. W. H. Flack. Brilliant pyrite, magnetite, sphalerite and galena are mute evidence of the iron, lead and zinc mining near Phoenixville many years ago. A series of especial interest to beginners and boy scouts is that of "fifty minerals which can be found at 10 localities near Philadelphia." Other exhibitors are Messrs. J. S. Frankenfield, George Petersen, E. A. Groth, William Knabe and Horace J. Hallowell.

THE AMERICAN MEDICAL ASSOCIATION

THE annual meeting of the American Medical Association will be held at New Orleans, opening on Tuesday evening, May 10, when Dr. E. H. Cary, professor of ophthalmology and otolaryngology at the medical school of Baylor University and dean emeritus of the school, will be installed as president. He succeeds Dr. E. Starr Judd, of the Mayo Clinic, Rochester, Minnesota. The president's reception will be on Thursday evening, May 12.

The meetings of the scientific sections will begin on Wednesday morning, May 11, and will continue through Friday, May 13. These are as follows: Practice of Medicine and Diseases of Children; Surgery, General and Abdominal; and Obstetrics, Gynecology and Abdominal Surgery; Ophthalmology; and Laryngology, Otology and Rhinology; Pharmacology and Therapeutics; and Pathology and Physiology; Nervous and Mental Diseases; and Orthopedic Surgery; Preventive and Industrial Medicine and Public Health; and Gastro-Enterology and Proctology; Dermatology and Syphilology; and Urology; Radiology.

The House of Delegates will convene for its first meeting at 10 A. M. on Monday, May 9. All meetings of the House of Delegates will be held at the Roosevelt Hotel.

The clinical lecture program will be given on Monday afternoon, May 9, and on Tuesday morning and afternoon, May 10, at the Municipal Auditorium. Topics to be discussed are of important practical interest to the rank and file of the profession. This program will include the following lectures:

Drug Addiction—A World-Wide Problem, P. Wolff, Berlin, Germany.

Drug Addiction in the United States, Walter L. Treadway, Washington, D. C.

Cancer of the Gastro-Intestinal Tract, J. Shelton Horsley, Richmond.

The Changing Diet of the American People, Lafayette B. Mendel, New Haven.

The Diagnosis of Early Pulmonary Tuberculosis, Lawrason Brown, Saranac Lake.

Disturbances of Peripheral Circulation, Arthur W. Allen, Boston.

Appendicitis, H. A. Royster, Raleigh, N. C.

Early Diagnosis of Poliomyelitis, Lewis J. Pollock, Chicago.

Use of Convalescent Serum in Poliomyelitis, William H. Park, New York.

Orthopedic Treatment of Poliomyelitis, Willis C. Campbell, Memphis, Tennessee.

Motion Picture on Cancer, Francis Carter Wood, New York.

In addition to Dr. P. Wolff, secretary of the Narcotic Committee of the League of Nations, secretary of the German Council of Therapy and editor of the leading medical publication of Germany, who will participate in the clinical lecture program given above, Sir Arthur Newsholme, of Birmingham, England, known for his work in the field of public health, will be one of the participants in a joint symposium of the Section on Practice of Medicine and the Section on Preventive and Industrial Medicine and Public Health. Sir Arthur's topic will be "The Relation of Private Practice to Preventive Medicine in Europe." Professor N. Krasnogorski, of Leningrad, will contribute a paper on "Conditioned Reflexes in Psychopathology of Childhood" to the program of the Section on Diseases of Children.

FELLOWSHIP AWARDS IN THE SCIENCES AT YALE UNIVERSITY

THE Yale University Graduate School announces the award of 178 fellowships and scholarships, the recipients selected from more than one thousand applicants. Thirty-seven have been awarded research fellowships. As in former years these permit of an international exchange of scholars. From Göttingen will come Dr. Max F. Düring to work with Professor Oystein Ore on algebraic numbers, while Mr. Milton S. Plesset, of Pittsburgh, a candidate for the doctorate in physics at Yale this June, will go to Copenhagen to carry out further research under Professor Bohr. Two European zoologists, Dr. Paul A. Weiss, of Vienna, and Dr. Oscar E. Schotte, of Geneva, will continue research begun this year with Professor Ross G. Harrison in the Osborn Zoological Laboratory.

Dr. George Scheff, of Pecs, Hungary, has been offered a renewal of the Alexander Brown Coxe fellowship to continue his bacteriological research with Professor Leo Rettger, while Dr. Maximilian Steiner, of Vienna, has been awarded a Seessel fellowship to work with Professor George E. Nichols at the Osborn Botanical Laboratory on the chemical nature of changes in the osmotic pressure of plants.

Dimitri P. Krynine, a Russian engineer, known for his work in the field of soil mechanics, has been awarded a Sterling fellowship to pursue his research on the permeability of soils.

Ebbe C. Hoff, of Lindsborg, Kansas, a candidate for the Ph.D. at Oxford this year, has been awarded a

Sterling fellowship for research with Professor John F. Fulton in neuro-physiology.

For psychological research, Dr. Helen Peak, of Dallas, Texas, has been awarded a Sterling fellowship to enable her to continue work with Professor Raymond F. Dodge on the speed of reaction of the eyelid in organisms at various phylogenetic levels, while a somewhat related study of eye movements is made possible by the award of an Alexander Brown Coxé fellowship to Dr. Frank H. Couch, of Cromwell, Connecticut, to make it possible for him to carry on his work with Professor James C. Fox.

A special research fellowship in bacteriology has been awarded for the first time this year. Dr. Louis Weinstein, of Bridgeport, Connecticut, is the recipient. He will study the relationship of bacterial flora of the gastro-intestinal tract to the psychological reactions of the animal host.

A Sterling fellowship has been awarded to Charles

E. Olmstead, of Roca, Nebraska, to study the effect of year to year differences in climatic conditions on wood structure of native trees. He will work with Professor Nichols at the Osborn Botanical Laboratory.

Paleontological research on the gastropods of the St. Louis, Pennsylvania outlier, has been made possible by the award of a Sterling fellowship to Dr. J. Brooks Knight, of Branford, Connecticut.

Mr. Frederick N. Rhines, of Toledo, Ohio, has been appointed Sterling fellow for research in metallurgy. He will study the rôle of oxygen in some of the common metals.

At the Sloane Physics Laboratory honorary research fellowships have been awarded to Dr. Malcolm Henderson and to Donald Cooksey, who is a candidate for the Ph.D. this June. Dr. Henderson will continue his experiments in the field of radioactivity while Mr. Cooksey works on precision measurements in high frequency spectra.

SCIENTIFIC NOTES AND NEWS

THE meeting of the National Academy of Sciences on the evening of April 25 will be given to the celebration of the hundredth anniversary of the electrical discoveries of Joseph Henry. The addresses will be: "Henry as a Physicist" by Dr. W. F. Magie, professor of physics at Princeton University; "Henry as an Electrical Pioneer" by Bancroft Gherardi, vice-president and chief engineer of the American Telephone and Telegraph Company, and "Henry as an Administrator" by Dr. C. G. Abbot, secretary of the Smithsonian Institution.

THE evening address of the American Philosophical Society will be given on April 23 by Dr. Paul van Dyke, professor of modern European history at Princeton University, who will speak on "The Human Washington." At the annual dinner on the evening of April 23 the speakers will be Dr. James Brown Scott, secretary of the Carnegie Endowment for International Peace; Dr. Howard McClenahan, secretary of the Franklin Institute; Dr. Thomas S. Gates, president of the University of Pennsylvania, and Dr. William B. Scott, emeritus professor of geology and paleontology, Princeton University.

THE annual meeting of the trustees of Science Service will be held in Washington on Thursday, April 28. On the preceding day there will be a round table conference and a dinner to consider how Science Service may further its purpose of making science better known and appreciated by the general public and contribute its share in advancing modern civilization. Those who will take part in the conference include Dr. Karl T. Compton, Massachusetts Institute of Tech-

nology; Dr. Edwin G. Conklin, Princeton University; Dr. Simon Flexner, Rockefeller Institute for Medical Research; Dr. Frank B. Jewett, Bell Telephone Laboratories; Mr. A. H. Kirchhofer, the *Buffalo Evening News*; Dr. John C. Merriam, Carnegie Institution of Washington; Dr. A. A. Noyes, California Institute of Technology; Mr. Robert P. Scripps, Scripps-Howard Newspapers; Dr. E. B. Wilson, Harvard University School of Public Health. The speakers at the dinner will be Dr. John H. Finley, *The New York Times*; Dr. Robert A. Millikan, California Institute of Technology, and Dr. H. G. Moulton, Brookings Institution.

DR. ARTHUR P. COLEMAN, emeritus professor of geology, University of Toronto, has been awarded the Victoria Medal of the Royal Geographical Society in recognition of his geographical work in Canada. Professor Coleman celebrated his eightieth birthday on April 4, when he was the recipient of many messages of congratulation from friends and colleagues at home and abroad. He is actively engaged in preparing a report on the glacial geology of southern Ontario for the Ontario Department of Mines.

DR. SELMAN A. WAKSMAN, of the department of soil microbiology, Rutgers University, and the New Jersey Agricultural Experiment Station, has been elected a member of the Imperial German Academy of Sciences at Halle, in recognition of his work on the microbial population of the soil.

PROFESSOR ROGER L. MORRISON, of the highway engineering department of the University of Michigan, has been elected an honorary member of the Institute of Highway Engineers at Cambridge, England.