

Instruments and Measurements—G. A. Sawin, Pittsburgh.

Iron and Steel Industry—F. B. Crosby, Worcester, Mass.

Lighting and Illumination—G. H. Stickney, Harrison, N. J.

Marine—G. A. Pierce, Jr., Philadelphia.

Mines—F. L. Stone, Schenectady, N. Y.

Power Stations—Nicholas Stahl, Providence.

Protective Devices—H. R. Woodrow, Brooklyn, N. Y.

Telegraphy and Telephony—O. B. Blackwell, New York.

Transmission and Distribution—F. G. Baum, San Francisco.

In accordance with the by-laws of the Edison medal committee, the board of directors confirmed the appointment by President Ryan of new members of this committee for terms of five years each as follows: C. C. Chesney, Pittsfield, Mass.; Robert A. Millikan, Pasadena, Cal., and M. I. Pupin, New York. The board also elected three of its members as members of the Edison medal committee for terms of two years each, namely, H. M. Hobart, Schenectady, N. Y.; Frank B. Jewett, New York, and W. K. Vanderpoel, Newark, N. J.

SCIENTIFIC NOTES AND NEWS

At the annual meeting of the American Chemical Society at Milwaukee on September 12, the Priestley Medal, awarded triannually by the society for distinguished services to chemistry, was bestowed on Dr. Ira Remsen, president and professor emeritus of Johns Hopkins University, Baltimore, at ceremonies at Marquette University.

THE medal of the Institute of Radio Engineers has been awarded to John S. Stone, electrical engineer of the American Telephone and Telegraph Company at San Diego, for his research work in radio communication. The presentation of the medal took place at a dinner in his honor in San Francisco on August 31.

At a recent election, the Royal Academy of Medicine appointed as a foreign correspondent F. C. Waite, professor of histology and embryology in the Western Reserve University of Cleveland, Ohio.

DR. R. DOHRN has been appointed administrative director of the Zoological Station at Naples.

ON account of his change of residence, Dr. Sam F. Trelease has resigned his position as assistant secretary of the American Association for the Advancement of Science, and Dr. Charles A. Shull, associate professor of plant physiology in the University of Chicago, has been appointed assistant secretary of the association until the Christmas holidays. Dr. Trelease, for several years instructor in plant physiol-

ogy at the Johns Hopkins University, has become professor of botany in the University of Louisville. Dr. Charles A. Shull is engaged in research in the laboratory of plant physiology of the Johns Hopkins University, where he will remain until the Christmas holidays.

AMONG Americans and Canadians attending the meeting of the British Association at Liverpool are Professors Lee and Pupin, of Columbia University; Professors Bancroft and Merritt, of Cornell University; Professor Lewis, of the University of California; Professor Noyes, of the University of Illinois, and Professors Adams, Eve, McCallum, Tate and Whitby, of McGill University.

THE council of the American Mathematical Society plan to raise an endowment fund of at least one hundred thousand dollars and a committee on endowment has been appointed, consisting of Julian L. Coolidge, Harvard University (chairman); Arnold Dresden, University of Wisconsin; Griffith C. Evans, Rice Institute; Robert Henderson, Equitable Life Assurance Society, and George E. Roosevelt, 30 Pine Street, New York (treasurer).

DR. E. B. SAYE, formerly associate professor of pathology and bacteriology in the School of Medicine of Emory University, has resigned to accept the position of pathologist and bacteriologist at the State Insane Asylum at Milledgeville, Ga., and Dr. R. Henry Baldwin, formerly assistant professor of physiology, is now a member of the staff of St. Louis Hospital.

DR. G. C. SOUTHWORTH, who has been an instructor of physics at Yale University for the last five years, has accepted a position with the American Telephone and Telegraph Company, New York City.

DR. A. LUSTIG, senator and professor of general pathology at Florence, has been invited to inaugurate the new quarters of the Biological Institute at Buenos Aires and the Italian Hospital.

DR. MARION HINES, of the department of anatomy of the University of Chicago, has been granted a year's leave of absence, beginning in September, which she will spend in research work in the laboratories of Professor J. T. Wilson, of the University of Cambridge, and Elliot Smith, of the University of London.

WORD has been received that Dr. D. H. Tennent, of Bryn Mawr College, who, with his family, went to Japan about six months ago to make a study of fishes, is safe in Shanghai, where he was staying at the time of the earthquake.

CHARLES M. HOY, engaged in collecting mammals

in the interior of China for the U. S. National Museum, died there of appendicitis on September 8, according to cable advices to the Smithsonian Institution from Kuling, Kiangsi Province.

At the St. Louis meeting of the American Medical Association in 1922, the Section on Diseases of Children authorized the creation of the Abraham Jacobi Memorial Fund Committee, for the establishment of a permanent fund for the section. We learn from the *Journal* of the American Medical Association that a copy of the yearly transactions of the section is sent free to each contributor; a part or all of the expenses of a foreign guest of the section will be met by appropriations from the fund; pediatric exhibits in the Scientific Assembly of the American Medical Association will be encouraged, and, if advisable, the expense thereof paid from this fund, and wherever possible a grant will be made for the assistance of pediatric research or for charity. A new member of the committee is elected by the section each year to serve five years. The committee elects one of its members as secretary of the fund, and the oldest member in point of service on the committee acts as chairman. The following are the officers of the committee: Chairman, Dr. Laurence R. Debuys, New Orleans; secretary, Dr. Frank C. Neff, Kansas City, Mo., and members, Drs. Fritz B. Talbot, Boston; Clifford G. Grulee, Chicago, and Harold K. Faber, San Francisco.

THE University of Indiana has received a check for \$1,500 from the Home Insurance Company because cloudy weather prevented its expedition from taking photographs of the scientific value of the eclipse of the sun which would have been visible except for the clouds in Lower California on September 10. Swarthmore College also insured its expedition to obtain photographs against cloudy weather through the same company, taking a policy for \$10,000. The University of Indiana paid a premium of \$150. Swarthmore paid \$500 for a *pro rata* policy and will be paid according to the degree of the failure to obtain satisfactory plates. Swarthmore's plates have not yet been developed.

A DISPATCH from Tokyo states that the loss to Japanese science by the fire and earthquake is enormous. The Imperial University's collection of scientific instruments was destroyed by the fire. It will take years to replace them.

THE Chemical Exposition this year was held this week immediately following the annual meeting of the American Chemical Society. The usual meeting of the American Ceramic Society was held in conjunction with the exposition in the Grand Central Palace beginning on September 19. The annual banquet and election of the Salesmen's Association of the Ameri-

can Chemical Industry was also held during the week of the exposition. The regular dinner during the Chemical Exposition of the American Institute of Chemical Engineers was held Wednesday evening.

How radio is finding a use for many of the rare metals was shown at the composite radio exhibit at the National Exposition of Chemical Industries, which opened at the Grand Central Palace, New York, on September 17. A number of well-known firms contributed products of their manufacture which deal directly or indirectly with the construction or operation of radio instruments. Thorium, tellurium, selenium, tantalum, molybdenum—all metals rarely getting into commerce on a broad scale—were demonstrated. In addition to the metals, carborundum crystals, synthetic resins, hard-rubber radio parts, extremely fine precision instruments for electrical work and a number of other important features of the radio construction were demonstrated. Alundum tubes for use in measuring high temperatures, particularly in furnaces for drawing tungsten tube wire, formed part of the exhibit.

THE Eighth Meeting of the Optical Society of America will be held at Cleveland, Ohio, Thursday, Friday and Saturday, October 25, 26 and 27. The hotel headquarters will be Hotel Cleveland and the meeting place for the program of papers will be Case School of Applied Science. Professor A. A. Michelson will read, by invitation, a paper on "The limit of accuracy in optical measurement," and there will be a program of contributed papers and committee reports. Arrangements are being made for visits to the Nela Research Laboratories, the National Lamp Works, Warner and Swasey and the Cleveland Museum of Art. The advance programs will be mailed to all members about October 5 or 10. Since there are other large conventions in Cleveland at the same time, hotels are likely to be crowded, and members are advised to make their hotel reservations at once. Dr. W. E. Forsythe, Nela Research Laboratory, Nela Park, Cleveland, is chairman of the local committee on arrangements and Dr. Irwin G. Priest, care of the Bureau of Standards, Washington, D. C., is the secretary of the society.

UNIVERSITY AND EDUCATIONAL NOTES

DR. JAMES S. SWARTZ, formerly treasurer of the International Mercantile Marine, chairman and for nearly forty years trustee of Bucknell University, has given to the university a 600-acre tract of land situated along the Potomac River valued conservatively at \$60,000.