

eastern states as well, by Sharat K. Roy, curator of geology, and Henry Herpers, assistant curator of geology. Bryant Mather, assistant curator of mineralogy, conducted a similar expedition in Maryland.

The output of museum publications, both technical and popular, was continued on a large scale by Field Museum Press. The technical publications are distributed internationally among scientific institutions and individual scientists. Notable additions were made to the library's collection of scientific books and pamphlets, now numbering approximately 121,000 volumes.

MEDAL OF HONOR OF THE INSTITUTE OF RADIO ENGINEERS

THE Medal of Honor of the Institute of Radio Engineers for 1941 was awarded to Dr. Alfred N. Goldsmith, New York radio engineer, at the annual convention of the institute at the Hotel Pennsylvania in New York, on the evening of January 10. The award was made for "his contribution to radio research, engineering and commercial development, his leadership in standardization and his unceasing devotion to the establishment and upbuilding of the institute and its 'Proceedings.'" The medal was presented to Dr. Goldsmith by the president of the institute, Professor Frederick E. Terman, of California.

Dr. Goldsmith has been active in the radio field throughout the period of its major growth and development. He has been president of the Institute of

Radio Engineers as well as president of the Society of Motion Picture Engineers. He is a fellow of the American Institute of Electrical Engineers, of the Acoustical Society of America, of the Optical Society of America and of other engineering and scientific organizations. He has made numerous inventions in the fields of radio transmission and reception, broadcasting, facsimile, photographic technique, acoustical improvements (including a device for the electrical production of room resonance or reverberation), optics (including an effective method for increasing the depth of field in photography), and in television (including methods of introducing pictured backgrounds electrically into television images, methods of using a number of small cathode-ray tubes to produce a large television image, and methods of producing advanced motion-picture effects in television programs).

Dr. Goldsmith, who studied under the late Professor Pupin at Columbia University, was at one time professor of electrical engineering at the College of the City of New York, a consulting engineer of the General Electric Company and a vice-president of the Radio Corporation of America. He is now active as a consulting engineer. In 1935 he received an honorary degree of doctor of science from Lawrence College, and in 1940 he received a National Pioneer Award for "distinguished achievement in the field of science and invention which has advanced the American standard of living."

SCIENTIFIC NOTES AND NEWS

THE Gold Medal of the American Institute of the City of New York for 1941 has been awarded to Dr. Wendell M. Stanley, member of the Rockefeller Institute for Medical Research at Princeton, N. J. The award is in recognition of his work "for crystallizing the virus of tobacco mosaic, a feat which has opened up new fields of research, given birth to new ideas about the nature of important disease-producing agents, and enlarged the human understanding of life." It will be presented at a dinner at the Hotel Pierre on Thursday evening, February 6. On the same occasion, the annual fellowship of the institute will be given to Harry A. Carpenter, specialist in science for the Rochester Schools, "for his influence on the teaching of science throughout the nation as president, for many years, of the American Science Teachers Association, and for his long and successful devotion to education by radio." Both medal and fellowship awards will be presented by Dr. H. C. Parmelee, president of the institute. Dr. Stanley will be introduced by Dr. Thomas M. Rivers, director of the Hospital of the Rockefeller Institute for Medical

Research. Mr. Carpenter will be presented for the fellowship award by Dr. S. R. Powers, of Teachers College, Columbia University. Dr. Stanley will make an address entitled "Some Chemical, Medical and Philosophical Aspects of Viruses." He will show virus-diseased plants and demonstrate some physico-chemical properties of the tobacco mosaic virus.

THE Penrose Gold Medal, which was awarded to Dr. Nelson Horatio Darton, for more than half a century geologist of the U. S. Geological Survey and author of maps, folios and reports, was presented to him on December 27 at the Austin meeting of the Geological Society of America. The address of commendation was made by Professor Douglas Johnson. In reply Dr. Darton stated that he regarded "the award as the highest honor he could receive and that it came from the greatest scientific fellowship in the world." He is one of the half dozen surviving original fellows, dating back to 1888.

DR. D. WAYNE WOOLLEY, fellow of the Rockefeller Institute for Medical Research in New York, on De-