

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-

cember 28 was awarded the Lilly Prize of \$1,000 and a bronze medal given for exceptional contributions in bacteriology at the convention of the Society of American Bacteriologists held in St. Louis.

DR. PHILIP R. WHITE, associate of the Rockefeller Institute for Medical Research, of the Department of Animal and Plant Pathology, Princeton, N. J., received on December 31 the Stephen Hales Award of the American Society of Plant Physiologists at its meeting held in Philadelphia.

THE King of Thailand has conferred on Dr. Robert L. Pendleton, soil technologist and agriculturist of the Department of Agriculture and Fisheries, the title of commander of the most noble order of the Crown of Thailand. At a meeting on November 6 of the council of the Thailand Research Society, Bangkok, formerly known as the Siam Society, it was voted unanimously to tender congratulations to Dr. Pendleton.

DR. P. BOYSEN JENSEN, professor of plant physiology in the University of Copenhagen, known for his work on plant metabolism and growth substances, has been elected a corresponding member of the American Society of Plant Physiologists.

At the thirty-ninth annual meeting of the American Anthropological Association, held in Philadelphia on December 29, the following officers were elected: *President*, Elsie Clews Parsons; *First Vice-president*, Earnest A. Hooton (1941); *Second Vice-president*, Wm. Duncan Strong (1941-1942); *Third Vice-president*, Ruth F. Benedict (1941-1943); *Fourth Vice-president*, S. K. Lothrop (1941-1944); *Secretary*, Frederick Eggan; *Treasurer*, Bella Weitzner; *Editor*, Ralph Linton; *Associate Editors*, Melville Jacobs, F. H. H. Roberts, Jr., Harry Shapiro; *Executive Committee*, J. A. Mason, A. V. Kidder, Donald Scott; *Representative to Social Science Research Council* (by vote of 1940 Council to be elected by the Executive Committee); *Representatives to National Research Council*, C. S. Coon, M. W. Stirling, D. S. Davidson (1941-1944); *Representatives to Section H, American Association for the Advancement of Science*, F. M. Setzler, W. D. Wallis (1941); *Representative to the American Council of Learned Societies*, Robert H. Lowie (1941-1944).

Museum News states that the American Association of Botanical Gardens and Arboretums, which was organized at Cleveland on September 25, is an affiliate of the American Institute of Park Executives on practically the same basis as the American Association of Zoological Parks and Aquariums. Officers elected are: Donald Wyman, Arnold Arboretum, *chairman*; Henry T. Skinner, Morris Arboretum, *vice-chairman*; C. E. Godshalk, Morton Arboretum, *secretary*; C. Stuart Gager, Brooklyn Botanic Garden, and H. Teuscher, Montreal Botanic Garden, *directors*.

The official publication of the new organization is a section in the magazine *Parks and Recreation*. It began with the December issue and is under the editorship of Mr. Skinner.

At the annual meeting and banquet of the Torrey Botanical Club, held at the Men's Faculty Club, Columbia University, January 7, the following officers were elected: *President*, John S. Karling, Columbia University; *First Vice-president*, E. B. Matzke, Columbia University; *Second Vice-president*, H. K. Svenson, Brooklyn Botanic Garden; *Editor*, H. W. Rickett, New York Botanical Garden; *Corresponding Secretary*, H. C. Bold, Columbia University; *Recording Secretary*, John W. Thomson, Jr.; *Treasurer*, H. N. Moldenke, New York Botanical Garden; *Business Manager*, Michael Levine, Montefiore Hospital; *Bibliographer*, Mrs. Lazella Schwarten, New York Botanical Garden; *Council Members*, R. C. Benedict, Brooklyn College; Mrs. Helen M. Trelease, J. H. Barnhart, New York Botanical Garden; *Delegate to New York Academy of Sciences*, W. J. Robbins, New York Botanical Garden; *Delegates to the Council of the American Association for the Advancement of Science*, C. S. Gager, Brooklyn Botanic Garden, B. O. Dodge, New York Botanical Garden; *Representative to the Board of Managers of the New York Botanical Garden*, H. A. Gleason.

DR. R. A. FISHER, Galton professor at University College, London, will be visiting professor of experimental-statistics at North Carolina State College during the summer session, June 16 to July 25. Professor Gertrude M. Cox, head of the newly established department of experimental statistics, has invited several other leaders in various fields of applied statistics to go to the college this summer to assist in conducting special courses and conferences.

DR. MAX R. ZELLE has been appointed assistant professor of genetics at Purdue University. He is teaching general genetics and has charge of research in animal genetics in the Experiment Station.

DR. DALLAS B. PHEMISTER, professor and chairman of the department of surgery of the School of Medicine of the University of Chicago, has been designated the first holder of the Thomas D. Jones professorship newly established in honor of the late Thomas Davies Jones, attorney and industrialist, who died in 1930.

DR. R. G. JAAP, of the department of poultry of the Oklahoma Agricultural and Mechanical College, and associate editor of *Poultry Science*, has recently been advanced to the rank of associate professor of poultry husbandry in charge of poultry genetics.

LEONARD A. SALTER, JR., senior agricultural economist in the Division of Land Economics of the Bureau of Agricultural Economics of the Department

of Agriculture, has taken up his work as professor of agricultural economics at the University of Wisconsin.

DR. FRANCIS DROUET has been given a permanent appointment as curator of cryptogamic botany at the Field Museum, Chicago, following his completion of a two-year temporary appointment begun in 1938. During the first two years of his association with the museum, Dr. Drouet has begun reorganization of the collections of cryptogamic plants in the department of botany, and has conducted an expedition to the American Southwest and Mexico.

DR. B. E. DAHLGREN, chief curator, department of botany of the Field Museum, Chicago, has returned to his post at the museum after an extended trip to Brazil.

PROFESSOR EDWIN G. CONKLIN, of Princeton University, will give the fourth annual William Keith Brooks Lecture at Greensboro College, S. C., on March 10. His lecture will be entitled "The Geography of Eggs."

DR. ERNEST E. IRONS, Chicago, delivered on December 6, under the auspices of the Phi Chi fraternity, the annual Charles R. Bardeen Memorial Lecture at the Medical School of the University of Wisconsin. The lecture was entitled "Aspiration Pneumonia: Pathology-Bacteriology-Symptoms."

DR. VIRGIL H. MOON, professor of pathology, Jefferson Medical College, Philadelphia, on December 20 gave the annual Gross Lecture of the Pathological Society of Philadelphia. It was entitled "Pathology and Vascular Dynamics of Shock."

DR. GEORGE W. BACHMAN, director of the School of Tropical Medicine of the University of Puerto Rico, which is under the auspices of Columbia University, gave on December 18 an address at the Long Island College of Medicine on "Tropical Medicine: Its Historical Background and Its Importance in National Defense."

THE seventieth annual meeting of the American Public Health Association will be held from October 14 to 17 at Atlantic City, N. J. Headquarters will be the Convention Hall. Residence headquarters will be the Hotel Traymore. The sixty-ninth annual meeting held in Detroit in October attracted an attendance of more than thirty-one hundred, from all parts of the United States and also from Canada, Cuba and Mexico. A New Jersey committee responsible for entertainment, inspection trips and other local aspects of the meeting is being formed under the direction of Dr. S. L. Salasin, health officer of Atlantic City. Among the related organizations meeting with the association are the American School Health Association, the International Society of Medical Health Officers, the Association of Women in Public Health, the Conference of State Sanitary Engineers, the Con-

ference of Municipal Public Health Engineers and the Conference of State Provincial Public Health Laboratory Directors.

DR. CHARLES L. PARSONS, secretary and general manager of the American Chemical Society, announces that the society has acquired the property at the southwest corner of Sixteenth and M Streets, Northwest, as a national home. The purchase is described as an important step in the development of Washington as a major center of activity in science, education and related fields. Willard H. Dow, president of the Dow Chemical Company, Midland, Mich., was chairman of a special committee of the directors that recommended the acquisition. Other members of the committee were: Dr. Leason H. Adams, of the Geophysical Laboratory, Washington; Dr. Gustavus J. Esselen, of Boston, and H. C. Morris, of Washington. "The property," it is said, "is in one of the most desirable locations in Washington."

DR. GEORGE B. CRESSEY, chairman of the department of geology and geography of Syracuse University, writes: "Before the National Geological Survey of China was obliged to leave Peking some years ago, work had been completed on a relief model of the entire country. This provides the best available representation of the topography of this corner of Asia. The plaster cast measures 23" x 32", on a scale of 1:7,500,000 with 15 times vertical exaggeration. The area includes all of the Tibetan Highlands, portions of India and the Soviet Union, the Japanese Islands, detailed depths well into the ocean, as well as the configuration of all China. The topography is exceptionally good. The model is lettered in English. The department of geology and geography at Syracuse University has just secured a cast from private sources in Peking. Due to the favorable exchange, the cost is but \$20 plus freight. Dr. Cressey will be glad to place interested institutions in touch with the source of supply. Universities and museums which display models of other parts of the world should take advantage of this opportunity at an early date."

A CORRESPONDENT of the London *Times* states that by German decree the University of Leyden and the Technical High School at Delft have been closed owing to the "generally anti-German attitude of the undergraduates, and sabotage of the anti-Jewish measures." All professors of the Faculty of Laws of the University of Utrecht have been sent to concentration camps in Germany, while several professors of the Catholic University at Nijmegen, and of the Commercial High School at Rotterdam, have been arrested because of their loyalty to the House of Orange and openly admitted preference for a democratic system of government. A number of students at all these institutions have been arrested, fined or sent to concentration camps.