

CARL-GUSTAF ARVID ROSSBY, internationally recognized meteorologist and past president of the American Meteorological Society, and VINCENT JOSEPH SCHAEFER, director of research for the Muntalp Foundation, were honored at the Meteorological Society's recent annual meeting. Rossby, who is director of the Institute of Meteorology in Stockholm, Sweden, received the award for outstanding services to the society "for his great vision and tireless efforts in transforming the American Meteorological Society into an international scientific and professional organization."

Schaefer received the award for outstanding contributions to the advance of applied meteorology "for original contributions in the field of experimental and physical meteorology, particularly his pioneering work in artificial nucleation." This industrial weather award, which includes a stipend of \$500, was established by Weather Corporation of America.

ROBERT H. PARKER, a biologist on the staff of the University of California's Scripps Institution of Oceanography, is to receive the presidential award of the American Association of Petroleum Geologists for the most significant contribution to geologic research in 1956 by a person less than 35 years old. Parker has studied the numbers and kinds of invertebrate animals found in recent sediments on the sea floor off the Mississippi Delta. He has found that certain groupings of these are characteristic of specific environments. These observations help geologists who are studying sediments to determine whether or not a particular stratum represents an old bay, a sandy beach, or other environment.

Parker's findings were summarized in "Macro-invertebrate assemblages as indicators of sedimentary environments in the East Mississippi Delta region" [*Bull. Am. Assoc. Petroleum Geol.* 40 (Feb. 1956)]. The award, a gold medal and a small cash prize, will be presented at the annual meeting of the association in St. Louis in April.

EUGENE GREULING, associate professor of physics at Duke University and a specialist in the theory of radioactive beta decay, has joined the John Jay Hopkins Laboratory for Pure and Applied Science of General Dynamics Corporation's General Atomic Division, San Diego, Calif., for a 6-month period. During his stay, Greuling will engage in research on beta decay with Luthar W. Nordheim, a senior member of the laboratory staff who formerly was professor of physics at Duke.

PAUL S. BARKER, a member of the University of Michigan Medical School faculty since 1925, was appointed acting chairman of the department of internal medicine on 1 Feb. He replaces CYRUS C. STURGIS, who has asked to be relieved of the administrative duties of chairman so that he may concentrate on his teaching and private practice. Sturgis has been chairman of the department since 1928.

Another Michigan appointment is that of GOODWIN R. GREENBERG, who was named professor of biological chemistry on 16 Feb. He had been an associate professor at Western Reserve University in Cleveland, where he conducted research on the synthesis of the purines.

HANS POPPER has been appointed full-time director of the department of pathology at the Mount Sinai Hospital, New York, and professor of pathology, College of Physicians and Surgeons, Columbia University. He was for many years director of the department of pathology, Cook County Hospital; scientific director of the Hektoen Institute for Medical Research; and also professor of pathology, Northwestern University Medical School—all in Chicago. Popper succeeds PAUL KLEMPERER.

RICHARD F. FLINT, professor of geology at Yale University, has received a Wenner-Gren Foundation travel grant to visit Africa next summer to examine sites where evidence of ancient man has been found. He will visit key localities in the Belgian Congo, Uganda, Kenya, Tanganyika, Rhodesia, and the Union of South Africa. At each he will join in a field examination with scientists who have made significant discoveries there and will attempt to learn what further research could be accomplished in order to fit the discoveries into a geologic sequence of events.

The carbon-14 method, as used in the Yale Geochronometric Laboratory, has a reach of only about 30,000 years and, therefore, can be applied only to the records of later human cultures. The earliest human records, which may be more than 10 times as old, are too ancient for age measurement as yet. But it is hoped that their positions can be fixed by their relationships to world-wide events such as changes of climate.

LARS G. SILLEN, dean of the chemistry department at the Royal Institute of Technology in Stockholm, Sweden, has been named Arthur D. Little visiting professor of chemistry at Massachusetts Institute of Technology for the current semester. During his stay he is delivering a series of 20 lectures on "Studies on chemical equilibria."

ZENAS R. BLISS, executive officer of the engineering department at Brown University, has been named dean of the university. Bliss has been a member of the engineering division since he joined the faculty in 1923.

W. ALBERT NOYES, JR., dean of the graduate school of the University of Rochester, editor of the *Journal of the American Chemical Society*, and a specialist in the chemical effects of light, has won the 1957 Willard Gibbs medal in chemistry. His selection was announced recently at a meeting of the ACS Chicago Section, which sponsors the award. One of the highest honors in American chemistry, the Gibbs medal goes to Noyes for his contributions to science in the United States and abroad as a researcher, teacher, government adviser, and editor.

WALTER F. ROGERS, chief chemist, Houston Production Division Chemical Laboratory, Gulf Oil Corporation, Houston, Tex., will receive the 1957 National Association of Corrosion Engineers' Frank Newman Speller award for achievements in corrosion engineering. The association's Willis Rodney Whitney award will go to CARL WAGNER, professor of metallurgy at Massachusetts Institute of Technology. The awards will be presented on 13 Mar. at the Sheraton-Jefferson Hotel, St. Louis, Mo., during the NACE's 13th annual conference and exhibition.

Recent Deaths

JOSEPH G. HAMILTON, Berkeley, Calif.; 49; director of Crocker Radiation Laboratory at the University of California, Berkeley; 18 Feb.

EMILIO P. MEINECKE, San Francisco, Calif.; 87; retired forest pathologist for the U.S. Department of Agriculture; 11 Feb.

HARRY A. PATTISON, Claverack, N.Y.; 79; leader in the rehabilitation of tuberculosis patients; 14 Feb.

STUART H. PERRY, Tucson, Ariz.; 82; retired newspaper publisher who became interested in meteorites and wrote *The Mallography of Meteoric Iron*; 14 Feb.

HENRY N. RUSSELL, Princeton, N.J.; 79; professor emeritus of astronomy at Princeton University; vice president of AAAS-Section A in 1917 and president of AAAS in 1933; 19 Feb.

CARVETH WELLS, Southampton, Bermuda, and New York, N.Y.; 70; former assistant professor of engineering at London University; author, lecturer, and explorer who led many museum expeditions; 16 Feb.