

and Engineering Sciences. Earl G. Droessler joined the staff of the foundation as Program Director for Atmospheric Sciences. He was formerly with the Office of Science, Department of Defense.

The Atmospheric Sciences Program is being established by the foundation as a result of recommendations by the President's Committee on Weather Control and the Committee on Meteorology at the National Academy of Sciences-National Research Council.

The new program will deal with meteorology including not only the more conventional type of meteorological research, but also energy transfer processes between earth, sea, and air; turbulent flow of gaseous fluids; heat-exchange processes; upper-atmosphere studies; atmospheric chemistry; and general circulation problems of the atmosphere and oceans. Attention will also be given to the field of cloud physics, especially the physics of precipitation, where much basic research must be pursued before the possibility of controlling or modifying weather can be evaluated.

Droessler brings to his new assignment wide experience in administration and coordination of military scientific research and development, and in research in meteorology and glaciology.

News Briefs

The first of July marked the centennial of the first reading of Charles Darwin's paper on the evolution of the species. The occasion was marked at a meeting in London of the Linnaean Society held in honor of Darwin and Alfred Russell Wallace, who, working independently, had arrived at a theory which was so strikingly similar that the papers were read together. The attending group of biologists learned that the first reading was passed over by the president of the society, Thomas Bell, as a matter of no great importance. He was disappointed, Bell said, that 1858 had "not been marked by any of those striking discoveries which at once revolutionize, so to speak, the department of science on which they bear."

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The Martin Company has opened a laboratory for basic research in Baltimore, Md. Patterned after the Institute for Advanced Study at Princeton, the company's Research Institute for Advanced Study was established "to observe phenomena of nature and to encourage, promote, and support investigations in search of underlying knowledge of these phenomena. To conduct theoretical and experimental studies, to discover the fundamental laws which affect them. . . ." Operating without security

restrictions and without specific program direction by the parent company, the institute's staff of 35 scientists pursue fundamental studies which may or may not have eventual application. Photosynthesis, cosmic ray studies, Einstein's relativity theory, and nonlinear differential equations are some of the current and projected subjects of inquiry.

Proposed Legislation

Of the many bills introduced in Congress, some have a special relevance to science and education. A list of such bills recently introduced follows:

H Con Res 325. Authorize Joint Committee on Atomic Energy to print for its use 10,000 copies of the public hearings on the physical research program as it relates to atomic energy. Price (D-Ill.). House Administration.

S 3753. Provide that the Secretary of Interior shall develop and carry out an emergency program for eradication of starfish in Long Island Sound and adjacent waters. Bush (R-Conn.). Senate Interior and Insular Affairs.

HR 12710. Provide for research into problems of flight within and outside the earth's atmosphere. McDonough (R-Calif.). House Select Committee on Astronautics and Space Exploration.

S 3898. Authorize the establishment of the Indiana Dunes National Monument. Douglas (D-Ill.). Senate Interior and Insular Affairs.

S 3892. Stabilize production of copper, lead, zinc, acid-grade fluorspar, and tungsten from domestic mines by providing for stabilization payments to producers of ores or concentrates. Murray (D-Mont.). Senate Interior and Insular Affairs.

S 3900. Liberalize tariff laws for work of art and other exhibition material. Javits (R-N.Y.). Senate Finance.

S 3932. Provide for federal assistance for construction and expansion of public community junior colleges. Yarborough (D-Texas). House Labor and Public Welfare.

S 3946. Amend provisions of Public Health Service Act re grants for hospital construction to include institutions for care and treatment of mentally retarded. Yarborough (D-Texas), Proxmire (D-Wis.). Senate Labor and Public Welfare.

HR 12771. Restore (for 1 year) the duties on aluminum and aluminum products established in the Tariff Act of 1930. Baker (R-Tenn.). House Ways and Means.

HR 12821. Require the Surgeon General to undertake a special research program on cystic fibrosis. Broomfield (R-Mich.). House Interstate and Foreign Commerce.

Scientists in the News

JOHN I. YELLOTT, former assistant director of Stanford Research Institute and executive director of the Association for Applied Solar Energy in Phoenix, Ariz., has announced formation of the firm John Yellott Associates with headquarters at 901 W. El Caminito, Phoenix, Ariz. The new firm will render consulting services in mechanical engineering, with specialization in various aspects of power generation by steam and gas turbines, fuel utilization, energy conversion, and particularly in applications of solar energy to special problems in space heating and cooling.

BRUCE WALLACE, geneticist at the Biological Laboratory, Cold Spring Harbor, has been named associate professor in the department of plant breeding at Cornell University, effective 1 September. Wallace will continue his research in *Drosophila* genetics and teach genetics and experimental evolution.

HARRY J. FULLER, editor-in-chief of the *American Journal of Botany* and editor of the *Plant Science Bulletin* since its founding, has resigned from these posts because of ill health. HAROLD C. BOLD, professor of botany at the University of Texas, will succeed Fuller on the *American Journal of Botany*. HARRIET B. CREIGHTON of Wellesley College, has been elected editor of the *Plant Science Bulletin*. Bold has resigned as secretary of the Botanical Society, effective 1 September.

S. B. SELLS, chief of the department of medical psychology at the Air Force School of Aviation Medicine at Randolph Field, Texas, has been appointed professor of psychology at Texas Christian University.

To honor outstanding engineering achievement in the field of agriculture, the American Society of Agricultural Engineers has awarded the John Deere Gold Medal to WALLACE ASHBY, Beltsville, Md.; and two Cyrus Hall McCormick Gold Medals—one to THOMAS CARROLL, Toronto, Ont., Canada, and one to DENT PARRETT, St. Joseph, Mich.

O. BURR ROSS of Salina, Kan., general manager of the Gooch Feed Mill Company, has been named head of the department of animal science at the University of Illinois College of Agriculture. He succeeds L. E. CARD, who recently accepted an assignment as group leader of the University of Illinois agricultural staff working under the university's International Cooperation Administration contract in India.