

April Scientific Monthly

Articles appearing in the April issue of *The Scientific Monthly* are: "Ecology and overpopulation," L. R. Dice; "Thomas Henry Huxley," C. F. Blinderman; "Genetics in animal breeding," I. M. Lerner; "When is human behavior predetermined?" E. G. Boring. Eight books are reviewed. The issue also contains a "Letters" section and an "Association Affairs" section.

Proposed Legislation

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

HR 3120. Provide for establishment of Bureau of Older Persons within Department of Health, Education and Welfare; authorize Federal grants to assist in development and operation of studies and projects to help older persons. Wier (D Minn.) House Education and Labor.

HR 2803. Establish a system for classification and compensation of scientific and professional positions in Federal Government. Gubser (R Calif.) House Post Office and Civil Service.

HR 2767. Amend. sec. 161 of Revised Statutes re authority of Federal officers and agencies to withhold information and limit availability of records. Moss (D Calif.) House Government Operations.

HR 2522. Authorize extension of patents covering inventions whose practice was prevented or curtailed during emergency periods by service of patent owner in Armed Forces or production controls. House Judiciary.

HR 3015. Provide for gradual elimination of salmon traps in waters of Alaska. Bartlett (D Alaska) House Merchant Marine and Fisheries.

Scientists in the News

RICHARD L. KIRK has been appointed by the Atomic Energy Commission as assistant director for international organizations of the Division of International Affairs. He will be responsible to the division director, John A. Hall, for technical advice and support of the U.S. representative on the Preparatory Commission of the International Atomic Energy Agency and will participate in formulation of policies covering U.S. participation in the agency when it is established. He will have similar duties on matters relating to other international multilateral organizations and groups.

Kirk has been in the atomic energy program for 12 years, serving at Oak

Ridge, Tenn., and New York City in the fields of production of source and fissionable material and in weapons development and manufacturing. Since September 1956, he has participated in the development of AEC policy on various international programs.

C. H. B. PRIESTLEY, chief, Division of Meteorological Physics, Commonwealth Scientific and Industrial Research Organization, Victoria, Australia, recently visited the departments of meteorology and engineering at the University of California, Los Angeles. During his visit, Priestley gave a public lecture on "The vertical transport of heat, moisture, and momentum from the ground," and two seminars on "Convection from the earth's surface: (i) heat transfer by free and forced convection; and (ii) properties of turbulence and convective motions."

RENÉ SPITZ has been appointed visiting professor in psychiatry at the University of Colorado School of Medicine, effective 1 Apr. He will continue his research in infant observation as well as his clinical and teaching activities.

J. WILLIAM HINKLEY has succeeded JOSEPH W. BARKER as president and chief executive of the Research Corporation. Barker will continue as chairman of the board.

The Research Corporation is a non-profit foundation founded in 1912 to support scientific research in colleges, universities, and scientific institutions. Its income is derived from the administration of inventions made in colleges and universities throughout the country and from its subsidiary, Research-Cottrell, Inc., manufacturer of Cottrell precipitators and other industrial gas-cleaning equipment.

Hinkley joined Research Corporation in 1944 as manager of the Cambridge, Mass., division. In 1955 he was named executive vice president. Barker has been president and board chairman since 1946. From 1930 to 1946 he was dean of engineering at Columbia University and served as special assistant to the Secretary of the Navy from 1941 to 1945. During 1956 he was president of the American Society of Mechanical Engineers.

The 11th annual Viking Fund medals and awards of \$1000 each, which are sponsored by the Wenner-Gren Foundation for Anthropological Research, were presented on 1 Mar. as follows.

FRED R. EGGAN, of the University of Chicago, received the Viking Fund medal in general anthropology upon selection by the American Anthropological

Association; JUNIUS B. BIRD, of the American Museum of Natural History, was chosen to receive the Viking Fund medal in archeology by the Society for American Archaeology; and MILDRED TROTTER, of Washington University, St. Louis, was the recipient of the Viking Fund medal in physical anthropology, upon nomination by the American Association of Physical Anthropologists. She is the first woman scholar ever to receive a Viking Fund medal.

ARVID WALLGREN of Stockholm, Sweden, internationally known pediatrician, will lecture on BCG at the closing session of the 53rd annual meeting of the National Tuberculosis Association on 9 May in Kansas City, Mo. Wallgren is coming to this country at the invitation of the Potts Memorial Institute to give the Charles J. Hatfield memorial lecture.

The NTA meeting and that of its medical section, the American Trudeau Society, will open on 6 May, in the Municipal Auditorium in Kansas City. The J. Burns Amberson lecture, named in honor of the former head of the chest service at Bellevue Hospital, New York, N.Y., will be given by RICHARD L. RILEY of Johns Hopkins University, whose subject will be on "Aerial dissemination of pulmonary tuberculosis."

DEAN AMADON has been named chairman of the department of birds at the American Museum of Natural History, New York. Amadon, who assumes the position formerly held by the late John Todd Zimmer, is also Lamont curator of birds at the museum. As chairman of the bird department, he will head an outstanding ornithological research center and will also be responsible for the supervision of one of the two largest collections of birds in existence. The museum's collection now numbers more than 800,000 specimens from all parts of the globe.

CHESTER M. McCLOSKEY, a chemist who has been chief scientist of the Office of Naval Research in Pasadena, Calif., since 1955, has been appointed executive director of the Industrial Associates of California Institute of Technology. He succeeds ROBERT V. BARTZ, who recently accepted a position in Washington with the Institute for Defense Analyses, of which Caltech is a sponsoring institution.

The Industrial Associates program was established at the institute in 1949. Its members are 41 large national corporations, each of which contributes \$10,000 a year to the institute on an unrestricted basis (three companies give larger sums). In recognition of these contributions, the institute provides technical conferences

for representatives of the companies, sends faculty members to visit company laboratories, and supplies the companies with progress reports on the institute's research programs. It also provides them with prepublication abstracts of articles for technical journals, abstracts of theses, annual reports from the technical divisions of the institute, and advance notice of all general and technical meetings on campus. In addition, research people from the affiliated companies are welcomed to the campus for individual study programs.

SYDNEY GELTMAN, a theoretical physicist who has been associated with the Johns Hopkins University Applied Physics Laboratory, has joined the staff of the Atomic and Radiation Physics Division of the National Bureau of Standards, Washington, D.C. He will deal with theoretical aspects of the bureau's experiments in such areas as the photo-detachment of electrons from negative ions and the mobility of positive ions in gases. He will also conduct independent theoretical investigations into fundamental atomic processes, for example, those that occur in gaseous discharges or upper atmospheric phenomena.

The John Jay Hopkins Laboratory for Pure and Applied Science of General Dynamics Corporation's General Atomic Division, San Diego, Calif., has announced the following new appointments: two mechanical engineers, HEINZ POPPENDIEK of Oak Ridge National Laboratory and DAVID NICOLL of Argonne National Laboratory; two nuclear physicists, JOHN R. BEYSTER of the Los Alamos Scientific Laboratory and ROBERT B. MINOGUE of the Reactor Development Division of the U.S. Atomic Energy Commission and the Nuclear Propulsion Divisions of the U.S. Navy's Bureau of Ships; and a health physicist, WILLIAM RAY, for the past year a radiological health training officer at the U.S. Public Health Service's Robert A. Taft Sanitary Engineering Center in Cincinnati, Ohio.

JOHN CHIPMAN, professor and head of the department of metallurgy at Massachusetts Institute of Technology, is giving the annual Priestley lectures at the Pennsylvania State University. This is the 31st year of the lectures, which are sponsored by Mu Chapter of Phi Lambda Upsilon, honorary chemistry fraternity, as a memorial to Joseph Priestley. This year's series of five lectures will be given on succeeding days, commencing 1 Apr., on the general topic "Chemistry in the metallurgy of iron and steel." As in the past, the lectures will be published and sold by Phi Lambda Upsilon to help defray expenses.

ROBERT W. CAIRNS, director of Research for the Hercules Powder Company, has been appointed chairman of the Advisory Panel on General Sciences of the Office of the Assistant Secretary of Defense for Research and Development. The general sciences panel was established "to insure that the nation's best scientific and technical talents are applied to the planning and prosecution of the military research and development programs on general sciences."

Members of the panel consist of the nation's top civilian scientists and experts, most of them in universities and colleges and some with industry. The responsibility of the panel will be the development of technical advice and guidance on the basic research programs of the Department of Defense in the geophysical, physical, engineering, and biological sciences.

With this appointment, Cairns also becomes a member of the Defense Science Board, a group of 25 leading scientists and engineers representing various technical areas and organizations, such as the National Academy of Sciences and the National Advisory Committee for Aeronautics. The board was set up by the Assistant Secretary of Defense as a result of a recommendation of the Hoover Commission on Organization of the Executive Branch of the Government. Its task is to delineate scientific opportunities which hold promise of radically out-dating present-day concepts of warfare and to advise on the effectiveness of research and development in providing new weapons systems.

JOHN M. WEST, former associate director of the Reactor Engineering Division of Argonne National Laboratory and project manager of the laboratory's recently dedicated 5000-kilowatt nuclear power plant, has been appointed vice president of the General Nuclear Engineering Corporation, Dunedin, Fla. The corporation was formed in 1956 for the purpose of providing engineering services in connection with the design, construction, and operation of nuclear reactors for use in electric generating stations, medical centers, educational institutions, and research laboratories. Walter H. Zinn, former director of Argonne National Laboratory, is president of the firm.

ROBERT ANNAN, internationally known mining engineer and chairman of the Consolidated Gold Fields of South Africa, Ltd., of England, has been named 1957 recipient of the Egleston medal, Columbia University's highest award for distinguished engineering achievement. The medal will be awarded to Annan at a dinner at the Columbia University Club in New York on 9 May.

PIERRE MOREL has been named scientific attaché for the Cultural Services Division (New York) of the French Embassy. He succeeds ANDRÉ GAUVENET. Morel's principal research has been in the field of solid-state physics and semiconductors.

JOHN L. HOLLAND, formerly chief of the Vocational Counseling Service and staff clinical psychologist at the Veterans Administration Hospital, Perry Point, Md., has been appointed director of research for the National Merit Scholarship Corporation, Evanston, Ill.

HARRY WILLIAMSON, formerly assistant to the director of the Division of Applied Biology, National Research Council of Canada, has been named scientific liaison officer in Washington, D.C. for the Canadian NRC. In cooperation with the Department of External Affairs, he will act as scientific attaché at the embassy.

Recent Deaths

CHARLES S. GLEIM, Wilton, N.H.; 69; consulting engineer for the Port of New York Authority; 10 Mar.

GUNTER H. GLOSS, Mundelein, Ill.; 45; supervisor of inorganic chemical research for International Minerals and Chemical Corporation; 24 Feb.

WALTER E. HADLEY, Hancock, N.H.; 76; charter member and first national secretary of the American Association of Textile Chemists and Colorists; 7 Mar.

BRADLEY JONES, Cincinnati, Ohio; 68; head of the department of aeronautical engineering at the University of Cincinnati who established the cooperative program in aeronautical engineering at the university; 8 Mar.

ALBERT KUNTZ, Saint Louis, Mo.; 77; director of the department of anatomy at Saint Louis University School of Medicine; 19 Jan.

ROBERT L. LUND, St. Louis, Mo.; 81; former president of the St. Louis College of Pharmacy; 9 Mar.

NICHOLAS E. OGLESBY, Troy, N.Y.; 64; chemist and director of patents and licenses for the Behr Manning Company; 8 Mar.

DOUGLAS J. ROBERTS, Vernon, Conn.; 64; president elect of the American Radium Society; 12 Mar.

JOHN B. SUTTON, Shreveport, La.; 38; former member of the faculty at the University of Alabama Medical School; 8 Mar.

Erratum: The chairman of this year's Gordon Research Conference on Lipide Metabolism at Kimball Union Academy is Cecil Entenman, not Warren M. Sperry as stated in the issue of 1 March, p. 408.