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Zoology

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Fisher, J. *Bird Recognition I*. Pelican A175, 1954. 191 pp. illus. 85¢.

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Scientific American, Editors of. *Twentieth-Century Bestiary*. Simon and Schuster, 1955. 240 pp. \$1.

Tuberculosis

The annual report of the National Tuberculosis Association states that some 55 million people are infected with the tubercle bacillus, according to estimates based on skin sensitivity tests, and that the statistical odds are that approximately 5 percent of these, or 2.75 million people, will break down with active tuberculosis during their lifetimes if the development of active disease among the infected continues at the present rate.

The report, which has just been released, brings out that BCG, the most widely accepted vaccine against tuberculosis, cannot be employed to prevent these cases of tuberculosis because BCG is not given to people already infected with the tuberculosis germ. The report reiterates the recommendations of the NTA's medical section, the American Trudeau Society, that BCG be given to people not yet infected who are exposed to tuberculosis to an extraordinary degree, and emphasizes the importance of further research in the field of immunity to tuberculosis.

Lalor Faculty Awards in Biology

The Lalor Foundation has announced details of the 40 awards that it is offering to college and university faculty members for research in the biological sciences for the summer of 1958. Studies employing chemistry or physics may be carried on at any institution of the award holder's choice. The upper age limit for appointment is 40 years.

The awards will usually not exceed \$900 for a single man or woman, \$1100 for a married man working at his home institution, and \$1250 for a married man whose principal program is at another institution. Transportation and other expenses are not covered.

In recent years the foundation has maintained a number of postdoctorate summer fellowships at the Marine Biological Laboratory at Woods Hole, Mass. With the consolidation of these fellow-

ships into the present program, it is suggested that those interested in work at M.B.L., and eligible under the Lalor faculty summer award plan, should submit applications under this newer program. Completed applications must be received before 14 January 1958 by the Director of the Lalor Foundation, 4400 Lancaster Pike, Wilmington 5, Del.

ONR Astronomy Program

The Office of Naval Research has announced support for research in astronomy for the year June 1958-June 1959. Grant applications must be submitted by 15 December. Ten copies of each proposal will be required. They should include a full description of the project and a cost breakdown and should be addressed to the Chief of Naval Research, Department of the Navy, Washington 25, D.C., Attention: Code 410. Letters of recommendation will be helpful in appraising the proposals and should be sent by the writers directly to the above address.

Scientists in the News

ROBERT W. WISSLER, who first joined the University of Chicago faculty in 1941, has been named chairman of the university's department of pathology. He succeeds PAUL R. CANNON, who retired on 30 Sept. Wissler has conducted extensive research on immunity and how it is affected by diet and irradiation. He has also shown that animals can form antibodies to destroy cancerous tissue.

The American Heart Association's 1957 Howard W. Blakeslee awards for outstanding reporting in the field of heart and circulatory diseases are as follows.

LEONARD ENGEL, free-lance writer, for his series of five articles on cardiac surgery published by the North American Newspaper Alliance, 1-6 Dec. 1956.

WALTER BAZAR, for his series of six articles entitled "New Hope for Your Heart," reporting on progress in research and advances in the treatment of cardiovascular diseases, including heart surgery. This series was published in the *New York Journal-American* during the week of 16 Dec. 1956.

DON DUNHAM, for his spot news report on the first "stopped heart" operation, which involved the use of a drug to make the heart motionless during surgery while the patient's blood was circulated by means of a heart-lung machine. The operation was performed at the Cleveland Clinic. Dunham's news story was published on 16 Apr. 1956 in the *Cleveland Press*.

STEVEN M. SPENCER, for an article entitled, "They Repair Damaged

Hearts." The article, published in the 7 Apr. 1956 issue of the *Saturday Evening Post*, gave a comprehensive review of advances in heart surgery.

"Robert Montgomery Presents," for the television program, "The Long Way Home," a 1-hour dramatization telecast over NBC-TV on 26 Mar. 1956. The program dramatized the experiences of a man who suffered a heart attack and his subsequent recovery.

Each of the winners received an honorarium of \$500. The contest year, during which entries must have been published or broadcast, runs from 1 Mar. to 28 Feb. Entries for next year's competition must be submitted by 1 May 1958.

W. PALMER DEARING, who has been serving as deputy surgeon general of the U.S. Public Health Service for the past 9 years, has been appointed to the newly created post of assistant director for health in the Office of Defense Mobilization. He is succeeded as deputy surgeon general by JOHN D. PORTERFIELD, former assistant surgeon general.

EDWARD L. GINZTON, professor of applied physics and electrical engineering at Stanford University, will receive the Morris Leibmann Memorial Prize at the national convention of the Institute of Radio Engineers in New York next March. He is being honored "for his creative contribution to the generation and useful application of high energy at microwave frequencies." Ginzton, director of the Microwave Laboratory at Stanford, is at present conducting research in Geneva, Switzerland, while on a year's sabbatical leave.

NICHOLAS METROPOLIS, who has been a leader in the development and construction at Los Alamos Scientific Laboratory of the computers known as Maniac I and Maniac II, has left Los Alamos to accept a joint appointment in the University of Chicago's physics department and Enrico Fermi Institute for Nuclear Studies. He will be professor of physics and director of the computer laboratory, where he plans to develop and build a third high-speed digital computer.

WILLIAM L. LEHMANN has been appointed head of the physics department, Air Force Institute of Technology at Wright-Patterson Air Force Base, Ohio. He succeeds WILLIAM J. PRICE, who has become senior professor of physics at the institute.

CARL R. ROGERS has been appointed professor of psychology in the department of psychology, College of Letters and Science, and in the department of psychiatry, Medical School, at the University of Wisconsin.

RICHARD L. MASLAND, professor of neurology and psychiatry and head of the neurology program at the Bowman Gray School of Medicine, has been appointed assistant director of the National Institute of Neurological Diseases and Blindness, Bethesda, Md.

Rear Admiral HYMAN G. RICKOVER, United States Navy, a leader in the planning of the nuclear submarine *Nautilus*, has won the \$8000 International Communications Prize. The prize is awarded annually during the Christopher Columbus celebrations in Genoa, Italy. Rickover was cited for "his precious and stubborn work, despite technical and organizational difficulties, to demonstrate and practically employ a nuclear generator in sea navigation propulsion."

KENNETH W. COOPER, formerly professor of biology and chairman of the department at the University of Rochester, has been appointed distinguished research professor of biology at the University of Florida, Gainesville. A cytogeneticist and investigator of insect behavior, Cooper will continue his researches in these areas.

WILLIAM G. POLLARD, executive director of the Oak Ridge Institute of Nuclear Studies, will be awarded an honorary doctor of divinity degree by Grinnell College on 27 Oct. Pollard is both a physicist and an Episcopal priest.

The Franklin Institute presented the following awards during its annual Medal Day ceremonies on 16 Oct.:

WILLARD F. LIBBY, commissioner, U.S. Atomic Energy Commission; REGINALD J. PIGOTT, consulting engineer of Pittsburgh, Pa.; and ROBERT A. WATSON-WATT, radiophysicist of Thornhill, Canada, each received a Cresson Medal.

JOHN B. JOHNSON, head of the physics department, McGraw-Edison Company, West Orange, N.J., received the Longstreth Medal.

DAVID B. STEINMAN, consulting engineer of New York, N.Y., received the Levy Medal.

The Association of American Railroads, through its president, WILLIAM T. FARICY, received the Henderson Medal.

WARREN W. CARPENTER, research consultant of Winter Park, Fla., and the Martin Company, through its vice president for manufacturing, G. T. WILEY, each received a Wetherill Medal.

PIER L. NERVI, architect-engineer of Rome, Italy, received the Brown Medal.

WILLIAM G. PFANN, metallurgist for Bell Telephone Laboratories, Murray

Hill, N.J., received the Clamer Medal.

ROBERT M. PAGE, associate director of research for electronics at the U.S. Naval Research Laboratory, Washington, D.C., and LEO C. YOUNG, electronics consultant at NRL, each received a Balandine Medal.

HUGH S. TAYLOR, dean of the graduate school and David B. Jones professor of chemistry at Princeton University, received the Franklin Medal.

Recent Deaths

RALPH S. BROMER, Philadelphia, Pa.; 71; professor emeritus of clinical pathology in the Graduate School of Medicine at the University of Pennsylvania; author of many books on bone diseases and radiology; 25 Sept.

FRAZIER GROFF, Bound Brook, N.J.; 62; chemist; assistant director in the Bakelite Company's development facility; formerly with Union Carbide Corporation in Cleveland; 11 Sept.

LLEWELLYN HEARD, Hammond, Ind.; 56; lecturer on science and a technical associate in the research department of the Standard Oil Company; noted for his lecture program on "Fire Magic"; 27 Sept.

LOREN C. HURD, Union, N.J.; 52; research chemist; president and director of the Metals Disintegrating Company, Inc.; on University of Wisconsin chemistry faculty, 1925-36; 28 Sept.

RUDOLPH MATAS, New Orleans, La.; 97; pioneer in vascular surgery who invented the "Matas operation" for treatment of enlargement of the veins and arteries; for 30 years chief of surgery in the Touro Infirmary, New Orleans; president of the International Society of Surgeons; the highest award in vascular surgery is named in his honor; 23 Sept.

GEORGE MERRILL, Brooklyn, N.Y.; 74; internist and allergist; associate professor of medicine at the Long Island College of Medicine; director of medicine at Caledonian Hospital in Brooklyn for 32 years; 27 Sept.

DAVID A. MYERS, San Francisco, Calif.; 82; pioneer in aviation medicine; co-inventor of the turn-and-bank indicator now used in all aircraft; 24 Sept.

OTTO RAHN, Rehoboth Beach, Del.; 76; professor of bacteriology at Cornell University, 1927-49, and then at Idaho State College until 1954; 26 Sept.

KARL SCHMIDT, Homewood, Ill.; 68; specialist on reptiles; curator emeritus of the Chicago Natural History Museum; 24 Sept.

DAVID SPENCE, New York, N.Y.; research chemist who developed important processes in the rubber field; director of research and development for the B. F. Goodrich Company in Akron, Ohio, and a cofounder of the Norwalk Tire and Rubber Company in Norwalk, Conn.