

# books OF THE WEEK

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**ALVAN CLARK & SONS, ARTISTS IN OPTICS**—Deborah Jean Warner—Smithsonian Institution Press (GPO), 1968, 120 p., illus., \$1.75. Biographical outline of three U.S. instrument makers who figured importantly in the great expansion of astronomical facilities during the second half of the 19th century, with detailed catalog of astronomical instruments made.

**BACKYARD BANDITS:** Including California Raccoons and Other Exciting Patio Visitors—David D. Oliphant, Jr.—Naturegraph, 1968, 139 p., photographs by author, paper, \$1.95. First-hand observations of wildlife, mostly at night, in the hills above San Francisco Bay.

**THE BIOCHEMISTRY OF MEMORY:** With an Inquiry into the Function of the Brain Mucoids—Samuel Bogoch, M.D.—Oxford Univ. Press, 1968, 254 p., illus., \$7.50. Based on the author's research and a review of current work from other laboratories on the molecular basis of memory, the book describes studies dealing with mucoids of the brain, their structure, metabolism, pharmacology, immunology, development and state in learning situations.

**THE BLACKHAWK LANDSLIDE**—Ronald L. Shreve—Geological Soc. of Am., 1968, 47 p., illus., folded map, paper, \$3.75. Monograph describes the geology of the area as a detailed example of the stratigraphic and structural situation likely to produce large landslides, discusses the mechanics of the Blackhawk slide and attempts to interpret the evidence.

**THE CATS OF AFRICA**—Maitland Eday—Time-Life Bks., 1968, 192 p., color photographs by John Dominis, illus., \$12.95. Extraordinary action photographs of lion, leopard, cheetah and smaller cats hunting in the African plain, with informative text.

**DAIRY LIPIDS AND LIPID METABOLISM:** Symposium 1967—M. F. Brink and David Kritchevsky, Eds.—Avi Pub. Co., 1968, 233 p., illus., \$16. Papers on the methodology of studies on milk fat and milk fat fractions, studies on the effects of nutritional factors in animals, and research on the effects of dairy fat and milk components upon serum lipids in man.

**THE DESIGN OF FOUNDATIONS FOR BUILDINGS**—Sidney M. Johnson and Thomas C. Kavanagh—McGraw-Hill, 1968, 393 p., illus., \$16. Summarizes current standards of practice in the design of building foundations where theory is of limited value. Presents the experience, empirical data and judgment obtained in preparing the structural and foundations provisions of the new building code for New York City.

**EXPERIMENTS IN PHYSICS**—L. A. Sanderman—Pacific Bks., 1968, 4th ed., 170 p., illus., paper, \$3.95. An introduction to laboratory work in experimental investigation, acquaints the student with methods, instruments and technique of physical measurement.

**GARDENING ON MAIN STREET**—Buckner Hollingsworth—Rutgers Univ. Press, 1968, 170 p., illus. by Eva Cellini, \$7.50. Tells of the practical experience of a knowledgeable gardener who turned a front yard in a Vermont town into a year-round colorful garden.

**HANDBOOK ON JAPANESE HERBS:** Japanese Herbs and Their Uses—Kan Yashiroda, Ed.—Brooklyn Botanic Garden, 1968, 72 p., photographs, paper, \$1.25 direct to publisher, Brooklyn, N.Y. 11225. Articles by 14 Japanese authorities interpret the uses of several hundred plants, the history of their culinary and medicinal uses, includes dictionary and key to the more popular herbs.

**AN INTRODUCTION TO LINEAR DIFFERENCE EQUATIONS**—Paul M. Batchelder—Do-

ver, 1967, 209 p., diagrams, paper, \$2. Unabridged reprint (1927), deals with fundamental ideas, equations of the first order, the gamma function, and general and irregular cases of the hypergeometric equation.

**INTRODUCTION TO ZOOLOGY**—Theodore H. Savory—Philosophical Lib., 1968, 239 p., illus. by Melchior Spoczynski, \$6. Stresses the systematic and evolutionary sides of zoology, including descriptions of such groups as Pycnogonida and Pogonophora in order to emphasize the great diversity of animal life on earth.

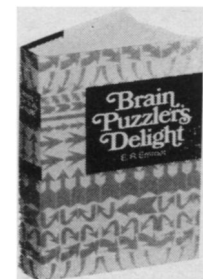
**LEARNING TO LIVE WITHOUT CIGARETTES**—William A. Allen, Gerhard Angermann and William A. Fackler—Doubleday, 1968, 109 p., illus., paper, 95c. The basis of the Philadelphia Smoking & Health Demonstration Project, this little source book tells how to stop smoking, gives useful hints for school programs and tells how to organize withdrawal clinics.

**LATE SOMATIC EFFECTS OF IONIZING RADIATION**—Charles D. Van Cleave—AEC (CFST1: TID-24310), 1968, 310 p., diagrams, paper, \$3. Directed primarily to the nonspecialist, the book compiles what is known about the late effects of smaller doses of radiation at the various levels of biological organization, and the manifestations of degradative change and aging.

**LIVING WITH YOUR LAND:** A Guide to Conservation for the City's Fringe—John Vosburgh—Cranbrook Institute of Science, 1968, 149 p., photographs, drawings, \$1 direct to publisher, Bloomfield Hills, Mich. Outlines the biological network of soils, water, vegetation, birds, small mammals and insects in relation to the homeowner who lives beyond the suburban subdivisions.

**MEDICAL HANDBOOK**—R. L. Kleinman—IPPF (Planned Parenthood Fed. of Am.), 1968, 3rd ed., 112 p., illus., paper, \$2.50. New edition of the standard reference book for doctors and para-medical staff in family planning clinics throughout the world. Revision gives special emphasis to hormonal methods of contraception and to intra-uterine devices.

## Brain Puzzler's Delight



By E. R. Emmet

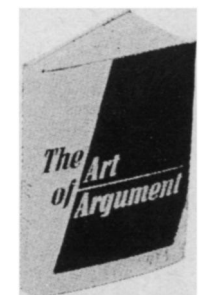
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