

# books OF THE WEEK

**ABOUT BATS:** A Chiropteran Biology Symposium—Bob H. Slaughter and Dan W. Walton, Eds.—Southern Methodist Univ. Press, 1971, 339 p., illus., \$12.50. Presents research papers, ranging from chiropteran systematics, zoogeography, feeding mechanisms and adaptations for flight in bats, to chiropteran reproduction, mortality, thermoregulation, and bat conservation.

**THE ASSAULT ON PRIVACY:** Computers, Data Banks and Dossiers—Arthur R. Miller—Univ. of Mich. Press, 1971, 333 p., \$7.95. Gives an account of the cybernetic revolution, of the impact information practices are having on society and human liberties. Analyzes the changes in information handling and the inadequacies of the present laws, and discusses a new legal framework for living with computers.

**BIOLOGY IN THE WORLD OF THE FUTURE**—Hal Hellman—Evans (Lippincott), 1971, 188 p., photographs, diagrams, \$4.95. Takes an informative look at the implications of biomedical research, molecular genetics, artificial life, brain stimulation, and biotechnology.

**CANCER AND YOU**—Henry T. Lynch, Ed.—Thomas, C. C., 1971, 316 p., illus., \$16.50. Written primarily for the layman, makes comprehensible the important aspects of cancer diagnosis, methods of early detection, and resources available to the cancer patient.

**CRUCIAL EXPERIMENTS IN MODERN PHYSICS**—George L. Trigg—Van Nostrand Reinhold, 1971, 141 p., diagrams, \$5.95; paper, \$2.95. Intended primarily as collateral reading, describes, partly in the words of the original researchers, the experiments which most directly test the concepts of modern physics.

**DANA'S MANUAL OF MINERALOGY**—Cornelius S. Hurlbut, Jr.—Wiley, 1971, 18th ed., 588 p., color plates, photographs, diagrams, \$14.95. Contains new additions on elementary aspects of optical mineralogy, space groups, crystallographic data, indices of refraction, and description of 200 of the most common minerals.

**FROM CONCEPTION TO BIRTH:** The Drama of Life's Beginnings—Roberts Rugh and Landrum B. Shettles, M.D., with Richard Einhorn—Harper, 262 p., color plates, photographs, drawings by Rhoda Van Dyke, \$12. Chronicles the prenatal history of the child, the changes in the mother's body, the growth of the fetus, the readiness for and drama of birth, discusses family planning and genetics.

**INNOVATIONS:** Scientific, Technological and Social—Dennis Gabor—Oxford Univ. Press, 1971, 113 p., \$4.95. An electronic physicist, himself an inventor, surveys the future of "hardware" inventions and innovations, bio- and food engineering, and social innovations—urban, monetary and educational.

**1200 TREES & SHRUBS, WHERE TO BUY THEM:** A Handbook—Frederick McGourty, Jr., Ed.—Brooklyn Botanic Garden, 1971, 98 p., photographs, paper, \$1.50. Up-to-date and designed to help amateurs and professionals select the best woody plants suited to different landscape situations. Gives plant descriptions with keys to retail and wholesale firms, and includes U.S. hardiness map.

**ORGANIZING FOR INNOVATION:** A Systems Approach to Technical Management—J. A. Morton—McGraw-Hill, 1971, 171 p., illus., \$11.50. Blends the ideas of the management scholars with the observations of management practice, concerned with organizing people for the R&D process, with the learning-practice process for renewal, and interpersonal communication.

**A PERIL AND A HOPE:** The Scientists' Movements in America, 1945-47—Alice Kimball Smith—M.I.T. Press, 1971, 398 p., paper, \$3.95. A condensation of the original edition (1965), gives an account of the scientists' wartime effort, the launching of the crusade for international control, and the educational activities and passage of the McMahon bill.

**PLANNING CHALLENGES OF THE 70'S IN THE PUBLIC DOMAIN**—William J. Bursnall, George K. Chacko and George W. Morgenthaler, Eds.—Am. Astronautical Soc. Pubns., 1971, 477 p., illus., \$16.75. Covers the management of social institutions, population, food, natural resources, urban planning transportation and distribution, information, energy, and pollution.

**PLANT DISEASES:** An Introduction for the Layman—Frederick L. Wellman—Natural Hist. Press, 1971, 130 p., drawings, \$5.95. Plant pathologist explains for the layman the causes of disease in plants and the methods plant scientists have developed to combat them. Good bibliography included.

**POLLEN AND SPORES OF CHILE:** Modern Types of the Pteridophyta, Gymnospermae and Angiospermae—Calvin J. Heusser—Univ. of Ariz. Press, 1971, 167 p., photographs, \$15. A palynological treatise on microspores, with outstanding series of illustrations and succinct descriptions of pollen grains from species of mainland Chile, Juan Fernandez and Easter Island.

**THE PRACTICE OF GROUP WORK**—William Schwartz and Serapio R. Zalba, Eds.—Columbia Univ. Press, 1971, 284 p., \$10. Presents the skills of group practice at work in a wide range of social work settings. Emphasis is on the technical problems of helping people work together in specific social situations, ranging from public schools to hospital ward, and prison.

**RICH MAN, POOR MAN**—Herman P. Miller—Crowell, 1971, 305 p., illus., tables, \$8.95. A social statistician's assessment of national problems and national trends concerning the affluence of economic life in America today—who gets the money, who doesn't and why. An authoritative reference on income distribution for the decade.

**SANITY, MADNESS AND THE FAMILY:** Families of Schizophrenics—R. D. Laing and A. Esterson—Basic Bks., 1971, 2nd ed., 272 p., \$6.95. A phenomenological study of 11 families of women diagnosed as schizophrenic. Viewing the women in their social contexts, the authors explore the notion that their illness may be a strategy for living in what seem to them unlivable situations.

**SCHOLARS IN CONTEXT:** The Effects of Environments on Learning—W. J. Campbell, Ed.—Wiley, 1970, 419 p., diagrams, \$14.95. Explores the nature of school learning within a number of environmental contexts—the national culture, the community, home, peer-group, institution and classroom.

**TREE GROWTH AND FOREST SOILS:** Proceedings of the Third North American Forest Soils Conference, 1968—Chester T. Youngberg and Charles B. Davey, Eds.—Ore. State Univ. Press, 1971, 527 p., photographs, diagrams, \$10. Contains 38 papers ranging from fertilizer trials with slash pine to soil-tree relationships in swamp area.

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