

# books OF THE WEEK

**AMERICAN DRINKING PRACTICES:** A National Study of Drinking Behavior and Attitudes—Don Cahalan, Ira H. Cisin and Helen M. Crossley—Rutgers Center of Alcohol Studies (College & University Press), 1969, 260 p., tables, \$9.50. Demographic findings of study based on interviews with 2746 persons representing the adult U.S. population.

**AUSTRALIAN PARROTS**—Joseph M. Forshaw—Livingston Pub. Co., 1970, 306 p., 75 full-page color plates, 5 paintings by John C. Yrizarry, maps, \$29.50. Handsomely presented biography of representatives of the order of psittaciformes in Australia, describes species in detail, their distribution, subspecies, habitat, status, habits, movements, flight, call, feedings, breeding and aviary notes.

**THE BEST NATURE WRITING OF JOSEPH WOOD KRUTCH**—Selected with an introduction by the author—Morrow, 1970, 284 p., illus. by Lydia Rosier, \$8.50. Essays and observations on the nature of man's natural environment and man's reactions to it.

**A CASEBOOK OF MURDER**—Colin Wilson—Cowles Bk. Co., 1970, 288 p., \$5.95. A study of the changing patterns of murder, from Elizabethan and Victorian times to the present, with an attempt to isolate a common denominator.

**THE CHILDREN OF FRANKENSTEIN:** A Primer on Modern Technology and Human Values—Herbert J. Muller—Indiana Univ. Press, 1970, 446 p., \$10. Centers on the question of what modern technology has done *to* as well as *for* people. The author traces the development of technology from primitive times to the present postindustrial society, exploring the effects of technology on war, science, government, business, language, education, environment and people.

**CLERKS AND CRAFTSMEN IN CHINA AND THE WEST:** Lectures and Addresses on the History of Science and Technology—Joseph Needham with Wang Ling, Lu Gwei-Djen and Ho Ping-Yü—Cambridge Univ. Press, 1970, 470 p., 40 plates, illus., \$22.50. Mainly bi-products of the author's great work **SCIENCE AND CIVILIZATION IN CHINA**, these scholarly essays range from discourse on astronomy in classical China to evolution of oecumenical science.

**DATA: MIRRORS OF SCIENCE**—R. Houwink—Am. Elsevier Pub. Co., 1970, 213 p., illus., \$9.50. Collection of numerical facts from a wide variety of disciplines, converted into images for easier remembrance and to provide a better understanding for the nature of the data.

**EVOLUTION OF MAN**—E. N. da C. Andrada and others, Louise B. Young, Ed.—Oxford Univ. Press, 1970, 648 p., photographs, paper, \$5.50. Volume of readings prepared by American Foundation for Continuing Education, focuses on the nature of man and his role in the evolutionary process.

**A HISTORY OF PRINTED TEXTILES:** Block, Roller, Screen, Design, Dyes, Fibres, Discharge, Resist, Further Sources for Research—Stuart Robinson—MIT Press, 1970, 152 p., 90 illus., maps, \$10. Traces

the technical and social development of the craft in Europe, America and other areas.

**LIFE IN A DROP OF WATER**—George I. Schwartz—Natural Hist. Press, 1970, 174 p., photographs by author, \$4.50. A close look at the world of diatoms, algae, water fleas, plants and other microscopic inhabitants of lakes, streams and oceans.

**MIGRATION**—J. A. Jackson, Ed.—Cambridge Univ. Press, 1970, 304 p., \$10.50. Collection of sociological studies dealing with theory of both long- and short-distance migration, the complex aspects of human aspirations and changing circumstances that motivate migrations, and a study of assimilation.

**THE NATURAL HISTORY OF DOGS**—Richard and Alice Fiennes—Natural Hist. Press, 1970, 237 p., photographs, illus., \$7.95. Tells the story of the domestication and breeding of dogs, their zoology, the role of dogs in human affairs; the ancestry, character and different uses of dogs.

**ON RECORD:** Files and Dossiers in American Life—Stanton Wheeler, Ed.—Russell Sage, 1970, 460 p., \$12.50. Describes and analyzes the record-keeping process on individuals as it now operates in a variety of different organizations—schools and universities, consumer credit agencies, business and life insurance companies, military and security agencies, Census Bureau and Social Security, public welfare, juvenile courts and mental hospitals.

**PALAEOPATHOLOGY:** Diseases and Injuries of Prehistoric Man—Paul A. Janssens—Humanities Press, 1970, 170 p., photographs, drawings, \$8.50. A study of disease in those past times for which there exist no literary sources, but which are recorded in human and animal remains, in mummies, bones and cave drawings.

**POTS AND ROBBERS**—Dora Jane Hamblin—Simon & Schuster, 1970, 258 p., photographs, map, \$4.95. Tells about the discovery of Etruscan, Greek and Roman remains in Italy, and about the methods of fakers, clandestine diggers, tourists and police.

**PROTEIN METABOLISM AND BIOLOGICAL FUNCTION**—C. Paul Bianchi and Russell Hilf, Eds.—Rutgers Univ. Press, 1970, 303 p., illus., \$12.50. Contributions, dedicated to the memory of James Boyd Allison, discuss topics ranging from development, hormones, and immunology to enzymes, physiology, muscle and oncology.

**SAFEGUARDING THE PUBLIC:** Historical Aspects of Medicinal Drug Control—John B. Blake, Ed.—Johns Hopkins Press, 1970, 200 p., \$7.50. Discussion by medical and social historians, legal experts, representatives of drug industry and government. Provides perspective on the social pressures and efforts to protect and promote the quality and efficacy of medicinal drugs from 19th century to the present.

**SCIENTIFIC TYPES**—J. G. Crowther—Dufour, 1970, 408 p., photographs, \$10. Presents biographies of 12 important British scientists as illustrations of four characteristic types: individual investigators, teachers, scientist inventors, and organizers.

**SISAL:** Thirty Years' Sisal Research in Tanzania—G. W. Lock—Humanities Press, 1969, 2nd ed., 365 p., 63 plates, diagrams,

\$9. Authoritative account of sisal cultivation incorporating latest research on spacing, cutting and manurial trials, maintenance of soil fertility and the value of leguminous cover crops in sisal.

**SOCIAL WORK PRACTICE, 1969**—National Conference on Social Welfare; Emanuel Berlatsky, Ed. Chmn.—Columbia Univ. Press, 1969, 216 p., \$7.50. Papers on such topics as practice theory, community development, skill training for nonprofessionals, the chronic mental patient, and mothers' wages.

**SOURCE BOOK OF SCIENCE EXPERIMENTS FOR ELEMENTARY GRADES**—Steven J. Mark—Vantage Press, 1970, 384 p., illus., \$6.95. Addressed primarily to elementary school teachers, the book discusses materials and procedures for simple experiments arranged by subjects, from solar system to atomic energy.

**STAINLESS STEEL FOR ARCHITECTURAL USE:** A Symposium—F. L. LaQue and others—Am. Soc. for Testing and Materials, 1969, 140 p., photographs, diagrams, \$9.75. Deals with structural applications, design guidelines, art forms, atmospheric corrosion, influence of chromium, and fatigue of weathered wire.

**STARVATION OR PLENTY?**—Colin Clark—Taplinger, 1970, 180 p., \$4.95. Economist offers a readable review of the stages of agricultural development, points out some misconceptions, and discusses the possibilities of irrigation, the economics of international trade, and modern standards of productivity.

**SUNDIALS:** The Art and Science of Gnomonics—Frank W. Cousins, foreword by J. G. Porter—Pica Press (Universe Bks.), 1970, 247 p., photographs, drawings by Malcolm Chandler, charts, \$18.50. Deals with the history, astronomy, geometry and mathematics of one of the oldest astronomical instruments, the sundial, and describes many fine examples.

**TERRACIDE:** America's Destruction of Her Living Environment—Ron M. Linton—Little, Brown, 1970, 376 p., \$7.95. Gives an over-all view of the deterioration of life in today's crowded, polluted environment, and summarizes what might be done to halt this trend. Bibliography included.

**THEORY AND OBSERVATION OF NORMAL STELLAR ATMOSPHERES:** Proceedings of the Third Harvard-Smithsonian Conference on Stellar Atmospheres—Owen Gingerich, Ed.—MIT Press, 1970, 472 p., diagrams, \$15. Papers examine the extent to which quantitative spectral classification could be interpreted by "classical" model atmospheres, includes standard grid of over 50 atmospheres.

**TOWARD A HISTORY OF GEOLOGY:** Proceedings of the New Hampshire Inter-Disciplinary Conference on the History of Geology, 1967—Cecil J. Schneer, Ed.—MIT Press, 1970, 469 p., illus., \$22.50. Collection of papers represents an effort to reconstruct the intellectual climate in which the science of geology evolved.

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