

# books OF THE WEEK

**ANCIENT POTTERY OF THE HOLY LAND:** From its Beginnings in the Neolithic Period to the End of the Iron Age—Ruth Amiran with Pirhiya Beck and Uzza Zevulun—Rutgers Univ. Press, 1970, 306 p., 350 photographs, 101 plates of drawings, maps, \$20. Originally published in Hebrew (1963), the book gives a well organized survey of the utilitarian pottery of ancient Palestine.

**ANIMAL SENSES**—Robert Burton—Taplinger, 1970, 183 p., photographs, diagrams, \$7.95. The book explores some of the more unusual ways in which certain animals use their senses to find food, mates, care for their young, and escape from enemies.

**APPROACHING THE BENIGN ENVIRONMENT:** The Franklin Lectures in the Sciences and Humanities—R. Buckminster Fuller, Eric A. Walker and James R. Killian, Jr.; preface by Taylor Littleton—Univ. of Ala. Press, 1970, 121 p., \$6. Concerned with the extinction implicit in overspecialization, the responsibilities of the engineering profession, and reorientation toward environmental quality.

**BIENNIAL REVIEW OF ANTHROPOLOGY 1969**—Bernard J. Siegel, Ed.—Stanford Univ. Press, 1970, 404 p., \$12.50. Summarizes and appraises recent research papers in the areas of ethno-law, complex societies, mathematical anthropology, and a decade of work in the field of political anthropology.

**CELL FUSION**—Henry Harris—Harvard Univ. Press, 1970, 108 p., illus., \$6; paper, \$2.95. Lectures on the formation and characteristics of hybrid cells, gene activity and ion differentiation, and the expression of genetic information.

**THE CHALLENGE OF WAR:** Britain's Scientific and Engineering Contributions to World War Two—Guy Hartcup—Taplinger, 1970, 295 p., plates, \$10.95. Traces the progress of outstanding British war equipment developed and speeded up by the war, from radar and rockets to anti-mine and antitorpedo devices.

**THE CHEMISTRY OF LIFE:** Eight Lectures on the History of Biochemistry—Robert Hill and others, Joseph Needham, Ed.—Cambridge Univ. Press, 1970, 214 p., photographs, diagrams, \$9.50. Topics range from the growth of our knowledge of photosynthesis to lone pioneers of biochemistry in the 19th century.

**CHOOSING AND USING SHIP'S RADAR:** A Brief Guide—Captain F. J. Wylie—Am. Elsevier Pub. Co., 1970, 150 p., plates, diagrams, \$8. Examines the factors in which commercial radar has not measured up to expectations, from the viewpoints of both design and human behavior. Appendices contain accident analyses, mistakes and legal decisions.

**CLIMATE, MAN AND HISTORY**—Robert Claiborne—Norton, 1970, 444 p., map, \$8.95. Taking a critical look at the science of climatology, the book deals with man's social interaction with his climatic environment, and the usefulness of science as a tool for understanding

and changing both environment and society.

**CONSERVATION**—Joyce Joffe—Natural Hist. Press, 1970, 188 p., photographs, diagrams, \$6.95. Presents the basics of ecology and the various ways in which man tries to maintain the natural balance.

**THE DYING PATIENT**—Orville G. Brim, Jr., Sol Levine and others, Greer Williams, Ed.—Russell Sage Foundation, 1970, 390 p., \$10. Explores the medical, social, economic and ethical issues raised by man's increasing control over death and dying. Analyzes both the range of professional decisions involved and the actual process of dying.

**THE EARTH: Its Origin, History and Physical Constitution**—Sir Harold Jeffreys—Cambridge Univ. Press, 1970, 5th ed., 525 p., 10 plates, diagrams, charts, \$22.50. Revised and updated edition of fundamental and comprehensive reference volume.

**EINSTEIN**—B. Kuznetsov, trans. from Russian by V. Talmy—Phaedra, 1970, 378 p., illus., paper, \$3.95. Popularly written biography and interpretation of Einstein's work.

**THE ENVIRONMENTAL REVOLUTION: A Guide for the New Masters of the World**—Max Nicholson—McGraw-Hill, 1970, 366 p., photographs, maps, \$10. One of the leaders in scientific conservation presents the dynamic picture of man-made change in our natural environment, and the worldwide effort, successes and setbacks, in the processes of conservancy.

**ESSAYS IN EVOLUTION AND GENETICS** in Honor of Theodosius Dobzhansky: A Supplement to Evolutionary Biology—Max K. Hecht and William C. Steere, Eds., foreword by L. C. Dunn—Appleton-Century-Crofts, 1970, 594 p., illus., \$16. Biographical sketch and bibliography, followed by articles on topics ranging from uniformitarianism to human genetic adaptation.

**EVOLUTIONARY BIOLOGY, Vol. 3**—Theodosius Dobzhansky, Max K. Hecht and William C. Steere, Eds.—Appleton-Century-Crofts, 1970, 309 p., illus., \$18. Contributions range from discussion of cancer cells as temperature sensitive mutants to research on defenses against visually hunting predators.

**THE FIRST CIVILIZATIONS:** The Archaeology of Their Origins—Glyn Daniel—Crowell, 1970, 208 p., photographs, maps, \$4.95. Reprint (1968), investigates the world's first seven civilizations, and interprets the origins of civilization in terms of multilineal evolution.

**FLOWERING VINES OF THE WORLD:** An Encyclopedia of Climbing Plants—Edwin A. Menninger and others—Hearthside Press, 1970, 410 p., 383 photographs (200 in color), \$25. For horticultural specialist and general reader, this comprehensive treatise on flowering, weak-stemmed plants attempts to cover the entire world in a single volume.

**GEOLOGY OF THE MOON:** A Stratigraphic View—Thomas A. Mutch—Princeton Univ. Press, 1970, 324 p., photographs, drawings, \$17.50. Fully illustrated treatment of lunar geologic analysis, explores the possible similarities between man's evolving understanding of the earth's his-

tory and the unravelling of the moon's history.

**GRAND CANYON OF THE LIVING COLORADO**—Ernest Braun and others, Roderick Nash, Ed.; foreword by David Brower—Sierra Club/Ballantine Bks., 1970, 144 p., color photographs by Ernest Braun, map, \$8.50. Takes the reader through the canyon by foot and by river, in word and picture.

**THE HANDBOOK OF PRIVATE SCHOOLS**—Porter Sargent, 1969, 50th ed., 1477 p., index, illus., \$10. Descriptive survey of independent education, classified and arranged by states, includes summer academic programs and camps.

**A HISTORY OF DYED TEXTILES:** Dyes, Fibres, Painted Bark, Batik, Starch-Resist, Discharge, Tie-Dye, Further Sources for Research—Stuart Robinson—MIT Press, 1970, 112 p., plates, illus., \$10. A concise history of man's attempts to dye, and pattern by dyeing the textiles he made from the raw materials available.

**MAGIC OF THE WOODS**—Max Albert Wyss—Viking Press, 1970, 88 p., color plates, photographs, drawings, \$7.95. A handsome book in praise of nature.

**MAN'S IMPACT ON NATURE**—J. A. Lauwerys—Natural Hist. Press, 1970, 188 p., photographs, diagrams, \$6.95. Colorful and readable volume, tells of nature's housekeeping, and man's use and misuse of nature's resources.

**MARINE BIOLOGY: An Introduction to its Problems and Results**—Hermann Friedrich, transl. from German by Gwynne Vevers—Univ. of Washington Press, 1970, 474 p., illus., \$9.50. Comprehensive volume, focuses on the ecology of organisms and communities, with comparative study of plankton, benthos and the fauna between tidemarks.

**THE NEW SOCIAL DRUG: Cultural, Medical and Legal Perspectives on Marijuana**—David E. Smith, M.D., Ed.—Prentice-Hall, 1970, 186 p., \$5.95; paper, \$1.95. Contributions discuss the medical aspects of marijuana, its pharmacology and classification; its abuse, and the social and epidemiological aspects of marijuana use.

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**300 RARE STEAM LOCOMOTIVE** pictures, maps, historical, classification diagrams, 1848-1956, Chicago and Northwestern Railway, Steam Power, 208 page 8½" x 11" hardbound, 11" x 48" foldout of largest dual Freight and Passenger Steam Locomotive. Knudsen Publications, 3539 N. Lincoln Avenue, Chicago, Illinois 60613. \$10.00 postpaid. Send for Free Brochure.

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