

# BOOKS

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**ADVANCES IN PSYCHOBIOLOGY**, Vol. 3—Austin H. Riesen and Richard F. Thompson, Eds.—Wiley-Interscience, 1976, 507 p., diagrams, \$24.95. Researchers summarize and evaluate new findings on day-night behavioral rhythms, sex differences in feeding behaviors, visual development as a function of the environment, lateralization of cortical functions, and neuronal mechanisms of learning.

**ANNUAL REVIEW OF MATERIALS SCIENCE**, Vol. 6—Robert A. Huggins, Richard H. Bube and Richard W. Roberts, eds.—Annual Reviews, 1976, 448 p., photographs, diagrams, \$17. Critically assesses the state of science in the field of materials, ranging from polymers as building materials to discussing the structure of noncrystalline materials.

**BODY WEATHER**: How Natural and Man-Made Climates Affect You and Your Health—Bruce Palmer—Stackpole Bks, 1976, 180 p., \$8.95. Mixes sound scientific facts with controversial opinions in attempting to cover an intriguing subject.

**BUILDINGS AND THE ENVIRONMENT**—Robert Goodland, Ed.—Cary Arboretum, 1976, 263 p., photographs, drawings, paper, \$10. Topics covered by panel experts include

solar heating, underground architecture, natural insulation, task lighting, and waterless waste disposal.

**DESERT COUNTRY**—Steve Crouch—Crowne, 1976, 9x12, 160 p., color and b&w photographs, \$18.95 till 12/31/76; \$20 thereafter. Photographer-writer gives a stirring portrait of the desert landscape and its people, the Mojave and Sonoran deserts, Death Valley, and Baja California.

**DINOSAURS OF THE SOUTHWEST**—Ronald Paul Ratkevich—U of NM Pr, 1976, 130 p., illus. by John C. McLaughlin, \$9.95; paper, \$3.95. This study of fossil life concentrates on the many types of dinosaurs that during the Mesozoic era inhabited the southwestern U.S., a now arid region where erosion has cut through geologic strata exposing a wide variety of fossils.

**EXTRATERRESTRIAL INTELLIGENCE: The First Encounter**—James L. Christian, Ed.—Prometheus Bks, 1976, 316 p., photographs, \$13.95; paper, \$4.95. Considers the consequences to man's view of himself and his world, in the event of the first proven contact with beings from another planet. Sixteen essays by physical scientists, psychologists, philosophers and science writers.

**FANTASY AND SYMMETRY: The Periodic Drawings of M. C. Escher**—Caroline H. Macgillavry—Abrams, 1976, 8x10, 96 p., 42 plates (12 in color), \$15. Crystallographer's monograph deals with the scientific principles behind Escher's color symmetries that repeat periodically elements recognizable as living creatures.

**GALAXY FORMATION: A Personal View**—John Gribbin—Halsted Pr, 1976, 88 p., \$14.95. Not an astrophysical textbook but rather a

stimulating survey of current research and attitudes concerning galaxy formation in the expanding universe.

**GEOLOGIC TIME**—Don L. Eicher—P-H, 1976, 2nd ed., 160 p., photographs, diagrams, \$7.95; paper, \$4.25. Thoroughly updated, outlines the principles used to infer from rocks when and where environments and life existed in the past, and explains the methods man has developed for reading the earth.

**THE GLOBAL MIND: Beyond the Limits to Growth**—Lewis J. Perelman—Mason/Charter, 1976, 315 p., diagrams, \$15. Reexamines the fragile web of life that envelops the earth, the biosphere, and calls for a process of re-education to transform some of the ill-conceived ideas that have disrupted a healthy ecology.

**A GUIDE TO THE BIRDS OF PANAMA**—Robert S. Ridgely—Princeton U Pr, 1976, 410 p., color plates and drawings by John A. Gwynne Jr., maps, \$15. Fully illustrated field guide to more than 880 species, with precise descriptions, transcriptions of vocalization, sections on climate, migration and conservation.

**THE HEALTH HAZARDS OF NOT GOING NUCLEAR**—Petr Beckmann—Golem Pr, 1976, 190 p., illus., \$10.95; paper, \$5.95. Technically informed, lively and polemical analysis, compares the risks of nuclear power to those of its alternatives, particularly fossil-fueled and hydropower, concluding that nuclear power is safer than any other form of large-scale energy conversion yet invented.

**LOS VIEJOS: Secrets of Long Life from the Sacred Valley**—Grace Halsell—Rodale Pr, 1976, 186 p., photographs, \$6.95. A study of longevity in the village of Vilcabamba, Ecuador.

## Show and tell ...professionally

High schoolers whose science fair exhibits won their way to the International Science and Engineering Fair at Denver this spring may already have learned some lessons about communicating science that many a professional has yet to learn. They have succeeded in a format that is catching on fast.

There is nothing sacred about standing up in front of a seated audience and delivering a lecture. Major professional gatherings now permit an alternative—poster sessions. Here the audience strolls by, sampling visually. When one sees something interesting, one stops. Conversation ensues at whatever level of depth the parties can handle. Information is traded. Boredom is minimized.

How to make your story stand up and attract interest can be learned young. *Good photography is a great help.* A big print can snap the passerby to attention and convey the heart of the matter. Good science that goes unnoticed might as well be bad science. That's reason enough for a career scientist to get into photography while still in high school.

Our package of photographic hints for science fair contestants is free for the asking from Kodak, Department 841, Rochester, N.Y. 14650.

