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THE AMATEUR ASTRONOMER — Antonín Růžička, Translated by Olga Kuthanová, Consultant Ed. John Gribbin—Octopus (Mayflower Bks), 1979, 184 p., color and b&w illus., \$9.95. Presents the story of our visible universe in terms of what we can see with the unaided eye; one will need a telescope or binoculars, however, in order to make best use of the star maps.

ANNUAL REVIEW OF PHYSIOLOGY: Vol. 41 — I.S. Edelman and Stanley G. Schultz, Eds. — Annual Reviews, 1979, 824 p., illus., \$17. Inaugurates a new format to reflect the major subsectors that now exist in physiology. Each of the seven sections has its own editor who formulates themes to be covered.

ELECTRIC AUTOMOBILES: Energy, Environmental, and Economic Prospects for the Future — William Hamilton — McGraw, 1979, 425 p., charts and graphs, \$24.50. This report measures the advantages and disadvantages of electric cars. It details prospective technical features and costs of these cars, their ability to meet the needs of drivers; their competitive position in the auto marketplace; and the effect they could have on fuels and energy use, on air and noise pollution, on resources of battery materials and on the economy.

THE ENCYCLOPEDIA OF PREHISTORIC LIFE — Rodney Steel and Anthony P. Harvey, Eds. — McGraw, 1979, 218 p., illus., \$24.95. 370 entries written by leading paleontologists and arranged alphabetically cover broad topics, such as collecting, extinction and evolution, along with more specific topics such as pollen analysis, tree-ferns, duck-billed dinosaurs and sea urchins. Includes biographies of outstanding interpreters of geological history. An extensive index and cross reference enable the reader to locate easily a fossil of particular interest.

KIDS & BOOZE: What You Must Know to Help Them — Wilbur Cross — Dutton, 1979, 180 p., \$10.95, paper, \$5.95. Using a question and answer format, the author, a recovered alcoholic, gives helpful advice to parents, teachers and others concerned with the drinking problems of teenagers and young adults.

LIFE SPAN: Values and Life-Extending Technologies — Robert M. Veatch, Ed. — Harrow, 1979, 306 p., \$12.95. Developed by the Research Group on Death and Dying of the Institute of Society, Ethics and the Life Sciences (The Hastings Center), this book examines life-extending technologies, the basic values involved and their implications for alternative life-extending policy options.

LIMITS OF SCIENTIFIC INQUIRY — Gerald Holton and Robert S. Morison — Norton, 1979, 254 p., \$15. In this volume, edited by two distinguished scientists, 15 contributors — including scientists, philosophers and historians — examine from a number of different perspectives whether there should be limits placed on scientific research.

MIND OVER MATH — Stanley Kogelman and Joseph Warren — McGraw, 1979, 239 p., paper, \$3.95. Based primarily on the authors' experience in workshops designed to help people overcome math anxiety. Originally published in hardback in 1978.

NEW WORLDS: Discoveries from Our Solar System — Wernher von Braun and Frederick I. Ordway III — Anchor Pr. Doubleday, 1979, 284 p., color and b&w illus., \$24.95. Guides the reader through the entire planetary family, beginning with the sun and interplanetary environment and continuing with Mercury, Venus, Earth, Moon, Mars, the asteroids, Jupiter and the other giant planets and Pluto.

NOISE POLLUTION: A Guide to Information Sources — Clifford R. Bragdon — Gale, 1979, 524 p., \$24. An attempt to consolidate and annotate key reference sources in order to expedite the process of controlling noise affecting the environment. More than 4,000 different sources were reviewed in the preparation of this book.

OHIO'S NATURAL HERITAGE — Michael B. Lafferty, Ed. — Ohio Academy of Science, 1979, 324 p., color and b&w illus., \$17.95. Written by experts for the layman who may, or may not, know much about the plants, animals, wind, water, soil or geology of Ohio. Contains magnificent illustrations and a bibliography for each chapter.

OWLS: Their Natural and Unnatural History — John Sparks and Tony Soper — Taplinger, 1979, 206 p., illus., paper, \$8.50. Tells the general reader in great detail of this fascinating, mostly nocturnal bird. Originally published in hardback in 1970.

THE STRUGGLE FOR SURVIVAL: The Elephant Problem — John Hanks — Mayflower Bks, 1979, 176 p., color and b&w illus., \$14.95. The high rate of human population growth combined with the elephant's wasteful feeding habits pose a grave threat not only to the elephant but to the future of all wildlife and wildlife habitats in Africa. Concentrates on those areas of elephant biology that are relevant to elephant survival — feeding habits, body growth, reproduction, numbers and movement patterns.

THE SUN: Our Future Energy Source — David K. McDaniels — Wiley, 1979, 271 p., illus., paper, \$12.95. To help the reader gain a broad understanding of the ways in which useful energy can be obtained from incoming solar radiation. Covers such topics as flat-plate collectors, active and passive solar heating systems, solar thermal electric generating schemes and photovoltaic devices.

SUN UP TO SUN DOWN — Shawn Buckley — McGraw, 1979, 166 p., illus., paper, \$9.95. The basic concepts of solar energy are explained with analogies, without the use of mathematics. A conceptual framework is established by explaining conduction, convection, radiation, thermal resistance and thermal storage. The practical applications are then discussed, focusing primarily on heating systems, from solar collectors to heat storage.

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