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The Audubon Society Book of Water Birds — Les Line, Kimball L. Garrett and Kenn Kaufman. This magnificently illustrated large-format volume presents the bird life that hunts, feeds or swims in fresh or salt water — from ducks, loons and pelicans to penguins. The birds are grouped according to behavior and habitat. Abrams, 1987, 256 p., color illus., \$35.

Cycles of Fire: Stars, Galaxies and the Wonder of Deep Space — Text by William K. Hartmann, paintings by William K. Hartmann and Ron Miller. In this book, beautifully illustrated by space artists, realistic possibilities are depicted as the author discusses the starry universe beyond our solar system. Describes the life and death of stars, star systems and nebulae, the Milky Way, other galaxies, the Big Bang and the possibilities for extraterrestrial life. Workman Pub, 1987, 189 p., color illus., \$27.50, paper, \$14.95.

Digital Visions: Computers and Art — Cynthia Goodman. Examines the computer's impact on the visual arts and the creative process. Since the first artistic use of sophisticated imaging techniques just 25 years ago, computers have been incorporated into all aspects of the creative process, from design to execution. This book offers a look at the ways painters, sculptors, architects, filmmakers, choreographers, performing artists and animators are using the computer today. Abrams, 1987, 192 p., color/b&w illus., \$29.95, paper, \$19.95.

The First Eden: The Mediterranean World and Man — David Attenborough. "Nowhere," says the author, "has mankind had a greater effect on his environment or left more continuous, detailed and abundant evidence of his activities" than around the Mediterranean. Describes how humans' attitudes toward the natural world, and their treatment of it, have changed over the centuries and have produced the communities we see there today. Based on a recently aired television series. Little, 1987, 240 p., color illus., \$24.95.

Living Snakes of the World in Color — John M. Mehrtens. More than 500 color photographs illustrate over 160 genera, 390 species and 456 subspecies of snakes worldwide. Includes for each pictured snake information on habitat, range, feeding, breeding habits and care in captivity. Sterling, 1987, 480 p., color illus., \$50.

Mars 1999: Exclusive Preview of the U.S.-Soviet Manned Mission — Brian O'Leary. Here a former astronaut and Mars expert outlines his vision for a joint U.S. and Soviet Mars mission in 1998-99. The scenarios are interwoven with factual chapters in which the author discusses U.S. and Soviet technological development and the feasibility of a joint mission to Mars by 1999. He feels that the United States can launch a manned mission to Mars more economically by first going to one of Mars's moons. Stackpole, 1987, 160 p., illus., \$14.95.

1988 Yearbook of Astronomy — Patrick Moore, Ed. Includes monthly star charts and 1988 astronomical phenomena for both the northern and southern hemispheres. The articles that follow the annual astronomical information cover a variety of topics, with emphasis on new developments in astronomy. Norton, 1987, 191 p., illus., \$18.95.

The Overview Effect: Space Exploration and Human Evolution — Frank White. The thesis of this book, according to the prologue, is that we are reaching out into space to lay the foundations for a series of new civilizations that are the next logical steps in the evolution of human society and human consciousness. Includes interviews with astronauts and cosmonauts in which they indicate a shift in their perspective based on seeing the earth without boundaries, which the author refers to as "the overview effect." The author here examines this effect and other shifts in consciousness that can occur in outer space. Describes the effect of future space colonies on global politics, economics, physiology, religion and the sciences. HM, 1987, 318 p., \$18.95.

The Ring of Truth: An Inquiry into How We Know What We Know — Philip and Phylis Morrison. A companion volume to the recently aired television series of the same name. The theme is not what we know about the universe but how scientists go in search of knowledge. This beautifully illustrated book points up the processes of science. Random, 1987, 307 p., color/b&w illus., \$24.95.

Rodale's Illustrated Encyclopedia of Herbs — Claire Kowalchik and William H. Hyllton, Eds. This beautifully illustrated book features entries on more than 140 herbs. Each entry includes an illustration together with the herb's description, history and lore, uses, cultivation and storage. General sections on herbs include cooking with herbs, dangers of herbs, dyes from herbs, gardening with herbs, herbs as houseplants, history of herbs, herbal botany, teas from herbs and an extensive bibliography. Rodale Pr Inc, 1987, 545 p., color/b&w illus., \$24.95.

ENGINES of CREATION

By **K. Eric Drexler**

The Coming Era of
Nanotechnology

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ENGINES OF CREATION heralds a new age of technology — a phenomenon called "nanotechnology" — through which scientists will be able to manipulate atoms and molecules to produce any conceivable substance. The human implications of this innovation are enormous. As Drexler explains, these breathtaking discoveries could also result in horrifying new weapons. In this insightful book, Drexler takes readers on an exhilarating tour into the technologies of tomorrow, and makes astounding yet thoroughly possible projections for the near future.

— from the publisher

"ENGINES OF CREATION presents an extraordinary vision of the future, in which the use of nanotechnology enables us to live in perfect health for centuries within a fantastic world of great abundance and adventure."

— Life Extension Report

Anchor Press/Doubleday, 1987, 298 pages, 8 1/4" x 5 1/4", paperback, \$10.95
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