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Automated Reasoning: Introduction and Applications—Larry Wos et al. Using puzzles, the reader is introduced to the logic used to solve problems with an automated reasoning program. Goes on to discuss the application of automated reasoning to designing logic circuits, to proving properties of other computer programs, to assisting in research in abstract mathematics and formal logic. P-H, 1984, 482 p., \$28.95, paper, \$18.95 (See p. 378).

A Complete Guide to Monkeys, Apes and Other Primates—Michael Kavanagh, introduction by Desmond Morris. Describes the physical characteristics, the ecology and behavior of the world's living primates. Contains the results of the latest fieldwork and investigations into primates. Explains what makes primates different from other mammals, such as manual dexterity, stereoscopic vision and long nurture of young. Beautifully illustrated with color photographs and includes distribution maps. Viking Pr. 1984, 224 p., color/b&w illus., \$19.95.

The Facts on File Dictionary of Botany—Stephen Blackmore and Elizabeth Tootill, Eds. Includes over 3,000 entries in the major fields of pure and applied plant science. A comprehensive cross referencing system guides the user to other entries that contain further relevant information. Facts on File, 1984, 391 p., illus., \$21.95.

The Fifth Generation: Artificial Intelligence and Japan's Computer Challenge to the World—Edward A. Feigenbaum and Pamela McCorduck. Explains this new knowledge technology, its roots in U.S. and British research and the Japanese Fifth Generation plan for extending and commercializing it. Outlines the United States' weak response to this Japanese challenge. A-W, 1983, 275 p., \$15.95. (See p. 378).

Gardening in Small Spaces—Michael Miller. To help make the most of every square inch of gardening space available to you. Illustrated plans for each season of the year include hanging baskets, window boxes, porches, terraces, balconies and very small garden plots. Illustrated by Anne Ormerod. Putnam, 1984, 160 p., color/b&w illus., \$16.95.






Home Energy: Your Best Options for Solar Heating and Cooling, Wood, Wind, and Photovoltaics—Dan Halacy with Carol Huppung, Ed. Designed to help the reader sort through today's residential heating options and select those that should give the best monetary return. Aids in analyzing energy needs, climate, house structural and design limitations and potentials, and matching them to the right energy source. Rodale Pr, 1984, 288 p., illus., \$19.95.

Poisonous Snakes—Tony Phelps. Tells not only what the poisonous snakes look like and how their bodies work but also how they live and function within the environment where they occur. Covers the care and handling of venomous snakes. First published in Great Britain in 1981. Blandford Pr (Sterling), 1984, 237 p., color/b&w illus., paper, \$9.95.

Seabirds of the World—Photographs by Eric Hosking and text by Ronald M. Lockley. Magnificent photographs illustrate this fascinating book about birds ranging from ocean wanderers to flightless diving birds. The first chapter treats the seabird as an individual; succeeding chapters cover seabird families such as penguins, petrels, cormorants, gulls and auks. Originally published in Great Britain. Facts on File, 1984, 159 p., color/b&w illus., \$22.95.

Suburban Wildlife: An Introduction to the Common Animals of Your Back Yard and Local Park—Richard Headstrom. Short readable chapters on the animals that share the suburban environment—the yard or garden, a nearby field, the nearest wood, a pond or stream or local park; such as gray squirrels, butterflies, earthworms, paper wasps and ladybird beetles. Most of the animals have some peculiar structure or rather unusual habits which enables them to meet the competition for survival. P-H, 1984, 232 p., illus. by Jennifer Dewey, \$16.95, paper, \$8.95.

Sun Sight Navigation: Celestial for Sailors—Arthur A. Birney. Two simple methods for determining position at sea using observations of the sun. "Noon Sight Navigation" requires an observation of the sun made at local apparent noon, when the sun is either due north or due south of the observer. "Sun Lines Any Time" permits observations to be made at any time when the sun and the horizon are clearly visible. Two sightings along with several additional steps outlined here are needed to accomplish the complete determination of the navigator's position. Cornell Maritime, 1984, 119 p., illus., paper, \$12.50.

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