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**America's Neighborhood Bats: Understanding and Learning to Live in Harmony with Them** — Merlin D. Tuttle. An introductory description of common North and Central American bats — their habitat, behavior and value to humans. The book is intended to dispel fears and encourage appreciation and conservation of bats, and offers solutions to unwanted bat guests in your home. U of Tex Pr, 1988, 96 p., color illus., hardcover, \$19.95, paper, \$9.95.

**Cognizers: Neural Networks and Machines That Think** — R. Colin Johnson and Chappell Brown. Traces, for the general reader, the history of neural networks and explores them as instruments to further the capability of traditional computing devices. It concentrates on machines modeled after the brain — "cognizers" — that can recognize objects and understand speech. Wiley, 1988, 260 p., illus., hardcover, \$22.95.

**The Dream of the Earth** — Thomas Berry. This cultural historian writes the first volume in the new Sierra Club Nature and Natural Philosophy Library. His 16 essays explore human-Earth relations and offer the reader a new view of Earth — "as if eyesight had been bestowed upon humans for the first time, and we had been living blindly until now." Sierra, 1988, 247 p., hardcover, \$18.95.

**Eyeopeners! How to Choose and Use Children's Books About Real People and Places and Things** — Beverly Kobrin. More than 500 nonfiction books that this teacher-author feels "are a delight to look at, a pleasure to read, a source of fascinating information on subjects that hold children and other readers spellbound." Offers tips for parents and grandparents on choosing and introducing nonfiction books to kids, and for teachers and librarians on integrating nonfiction into the curriculum. Does not list specific age or reading levels for each book. Penguin, 1988, 317 p., illus., paperback, \$7.95.

**The Mockingbird** — Robin W. Doughty. A delightful color-illustrated life history of the northern mockingbird — food, nesting, care of young, distribution and range. Details how this bird, unlike so many other species, has pioneered new range in North America in this decade. Words and music to "Listen to the Mockingbird" are included. U of Tex Pr, 1988, 80 p., color illus., hardcover, \$12.95.

**The Pasteurization of France** — Bruno Latour. In an effort to demonstrate that scientific development is often hinged to societal attitudes, Latour shows how the pioneering work of Louis Pasteur in crystallography, chemistry, microbiology and immunology became so successful with the public because of Pasteur's constant efforts to get the public hygiene movement, private and military physicians and colonial interests, not just other scientists, to understand and use his techniques. Harvard, 1988, 273 p., hardcover, \$30.00.

**Soil Fertility** — Henry D. Foth and Boyd G. Ellis. New information and theories about weathering and soil evolution, exchange chemistry, fertilizer technology, plant growth and nutrition for the serious soil scientist. Includes many chemical equations, charts and graphs and a bibliography after each chapter. Wiley, 1988, 212 p., illus., paperback, \$25.75.

**Topobiology: An Introduction to Molecular Embryology** — Gerald M. Edelman. This Nobel laureate offers, for the advanced biology reader, a hypothesis that accounts for the evolution and development of animal form. He explores three research areas — development of form, evolution of form and the morphologic and functional bases of behavior from the perspective of topobiology — his proposed new science that explains place-dependent interactions at the surface of living cells that regulate the processes of embryological development. Edelman views topobiology as a new science that connects molecular genetics with developmental biology and evolution. Basic, 1988, 240 p., illus., hardcover, \$21.95.

**Wildflowers of the Tall Grass Prairie: The Upper Midwest** — Sylvan T. Runkel and Dean M. Roosa. From Prairie Three Awn to the Silverleaf Scurf Pea to Death Camas and the Downy Painted Cup, 129 species are shown in full color with common and botanical names, bloom time, location and historical use as food and medicine by pioneers and Native Americans. Includes flora from Iowa, Illinois, Missouri, Nebraska, Kansas, Indiana, Ohio, Wisconsin, Minnesota and North and South Dakota. Iowa St U Pr, 1989, 279 p., color illus., paperback, \$19.95.

## THE SPACE SHUTTLE OPERATOR'S MANUAL

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Ballantine, 1982, revised 1988, approx. 144 p., 8 1/4" x 10 3/4", paperback, \$14.95. ISBN 0-345-34181-3

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