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Attracting Backyard Wildlife: A Guide for Nature-Lovers — Bill Merilees. Simple ideas with clear illustrations to assist anyone who wants to attract wildlife — from crickets to bats — to a yard, garden, balcony or rooftop. Voyageur Pr Inc, 1989, 159 p., illus., paperback, \$10.95.

Botany for All Ages: Discovering Nature Through Activities Using Plants — Jorie Hunken. Organized around the principles of observation, experimentation and self-expression, this book encourages the reader to get to know plants through 126 activities, such as finding the dye hidden in acorns, creating a pinecone rain meter and making raisins. Useful as a teacher's guide or family workbook. Globe Pequot, 1989, 157 p., illus., paperback, \$11.95.

Does God Play Dice? The Mathematics of Chaos — Ian Stewart. Written for the general reader, this book answers the title question with a "yes" and explains how. Stewart examines many of the problems addressed by the mathematics of chaos — such as changes in the weather, growth of insect populations and metabolism of cells — to explain the science of chaos and its implications for predictability and verification of scientific theories. Basil Blackwell, 1989, 317 p., illus., hardcover, \$19.95.

Dynamics of Dinosaurs and Other Extinct Giants — R. McNeill Alexander. How fast could large dinosaurs run? How well could pterosaurs fly? How and why did dinosaurs fight? This biomechanic/zoologist uses physics and engineering to explain for the general reader and scientist how extinct animals lived and moved. Columbia U Pr, 1989, 167 p., illus., hardcover, \$30.00.

Exploring Earth From Space — Jon Erickson. Examines the ways in which researchers are using remote sensing devices to learn more about hurricanes, droughts, mineral patterns and the effects of pollution. Assuming the reader has no scientific background, this science writer explains the technologies involved in sensing, how images are collected and processed and the myriad applications for the devices. TAB Bks, 1989, 192 p., illus., paperback, \$15.95.

Intoxication: Life in Pursuit of Artificial Paradise — Ronald K. Siegel. The author, a psychopharmacologist, argues that "the urge to lose oneself for a period of time in an altered state of mood or consciousness is primal, instinctive and, for most of us, unavoidable." He provides evidence of the existence of this "fourth drive" and proposes safe ways to satisfy the drive by inventing non-addictive intoxicants. A fascinating part of the book details examples of intoxication from the animal world and explains what humans can learn from them. Dutton, 1989, 390 p., hardcover, \$19.95.

The New Medicine Show: Consumers Union's Practical Guide to Some Everyday Health Problems and Health Products. Based on articles originally published in CONSUMER REPORTS, this book is intended to help consumers understand the differences between advertising claims and genuine advances in health and medicine. Topics include the benefits and drawbacks of aspirin, acetaminophen and ibuprofen; the latest U.S. government recommendations on fiber and fat in the diet; and current thinking on osteoporosis, calcium and estrogen. Includes a glossary of health and medical terms. Consumers Union, 1989, 314 p., paperback, \$6.95.

Ozone Crisis: The 15-Year Evolution of a Sudden Global Emergency — Sharon L. Roan. This science writer presents for the general reader a chronology extending from 1974, when scientists discovered that the ozone layer was eroding, to the late 1980s, when the first real action was taken to protect the layer. Spiced with interviews with ozone researchers and policymakers, the book focuses on environmental policy rather than ozone chemistry. Wiley, 1989, 270 p., illus., hardcover, \$18.95.

Rainbows, Curve Balls: And Other Wonders of the Natural World Explained — Ira Flatow. A potpourri of scientific explanations for such phenomena as the acoustics of concert halls, baldness in men, the physics of various sports, kitchen science and thunderstorms. Originally published in hardcover by Morrow in 1988. HarRow, 1989, 240 p., illus., paperback, \$7.95.

JULY 22, 1989

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