

Books

Books is an editorial service for readers' information. To order any book listed or any U.S. book in print, please remit retail price, plus \$2.00 postage and handling charge for each book, to **SCIENCE NEWS BOOKS**, 1719 N Street, NW, Washington, DC 20036. All books sent postpaid. Domestic orders only. Please allow 4-6 weeks for delivery.

The Arrow of Time: A Voyage Through Science to Solve Time's Greatest Mystery — Peter Coveney and Roger Highfield. Although everyday experience indicates that time moves in only one direction, much of modern science treats time as directionless, and thus theoretically reversible. In this ambitious analysis written for the general reader, Coveney and Highfield attempt an objective demonstration that time is irreversible, running immutably in a single direction. They support their argument with new insights into chaos theory and with reinterpretations of Newtonian mechanics and Einstein's theories of relativity. Fawcett, 1991, 378 p., illus., hardcover, \$22.50.

The Changing World of Weather — Clive Carpenter. What do the freak weather conditions of the past decade tell us about our climate? Carpenter analyzes these conditions in the context of historical climate cycles, introducing the general reader to basic features of weather and weather patterns and examining several theories offered to explain perceived climate changes, including the greenhouse effect, variations in solar radiation, and the possible role of ocean currents. Generously illustrated with color photographs, maps, diagrams and charts. Facts on File, 1991, 191 p., color/b&w illus., hardcover, \$22.95.

The Complete Drug Reference, 1991 Edition — the U.S. Pharmacopoeial Convention, Inc. This comprehensive guide to prescription and non-prescription drugs includes information on drug availability, possible allergic reactions, proper use and precautions, side effects and compatibility with other medicines. Provides helpful lists of medications requiring special precautions when taken by athletes or by women who are pregnant or breast feeding. Rated number one in U.S. News & WORLD REPORT's list of the top 10 drug books. Consumer Reports, 1991, 1,291 p., color plates, hardcover, \$39.95.

The Endangered Kingdom: The Struggle to Save America's Wildlife — Roger L. DiSilvestro. A compassionate survey of America's wildlife and the history of human destruction and protection. Divided into sections on game animals, endangered species and nongame wildlife, the book profiles several species, explaining what has been done to protect them, whether it is enough, the impact of legislation such as the Endangered Species Act, and the historical role of hunters in wildlife management. Originally published in hardcover in 1989. Wiley, 1991, 241 p., illus., paperback, \$10.95.

The Flowering of Gondwana — Mary E. White. A photographic exploration of Australia's floral heritage, from life in the early seas to the changes wreaked by the arrival of humans and exotic floral species. Beautifully illustrated with more than 400 color photographs of fossils and living plants, as well as maps, diagrams and drawings. Princeton U Pr, 1990, 256 p., color/b&w illus., hardcover, \$49.50.

Man & Beast Revisited — Michael H. Robinson and Lionel Tiger, Eds. Proceedings from the sequel to the 1969 "Man and Beast" symposium, hosted by the Smithsonian to explore similarities in human and animal behavior. Nearly 20 years later, scientists gathered to reevaluate the topic in light of recent scientific advances. Essays by contributors such as Richard Dawkins, E.O. Wilson and Norman Myers cover a myriad of topics including aggressiveness, adultery, communication and deceit, and the imperiled future of the human/animal relationship. Smithsonian, 1991, 386 p., paperback, \$16.95.

The New Solar System, 3rd Edition — J. Kelly Beatty and Andrew Chaikin, Eds. A well-illustrated tour of our solar system, exploring the sun, the moon, asteroids, comets, planetary rings and more. The authors' discussions of what we don't know about these phenomena are bound to arouse the curiosity of the general reader, and their explanations of what we do know are supplemented with informative colorful photographs, diagrams and suggestions for further reading. Cambridge U Pr/Sky Publishing Corp, 1990, 326 p., color/b&w illus., paperback, \$24.95.

Women's Reproductive Health: The Silent Emergency — Jodi L. Jacobson. Health problems related to sexual intercourse, pregnancy and contraception are expected to kill 1 million women worldwide in 1991 and to inflict disabling illnesses on 100 million others, according to Jacobson. This Worldwatch paper surveys those reproductive threats, explains why they persist and suggests ways to mitigate them. Worldwatch, 1991, 70 p., charts, paperback, \$5.00.

PETERSON FIELD GUIDES

WESTERN

Birding by Ear

A GUIDE TO BIRD-SONG IDENTIFICATION



Richard K. Walton & Robert W. Lawson

Birding by Ear, Western: Three cassette tapes accompany a booklet showing a line drawing of each bird and briefly describing its habitat and voice characteristics. Ninety-one common western species are grouped by their audio similarity into nineteen learning categories characterized by such terms as "hummers," "high-pitchers" and "warbling songsters." Birds also are grouped by habitat, such as "Pacific coastal forests," "urban parks" and "deserts and canyons." Good for the beginning birder or advanced visual birder.

— from the publisher

Western: Houghton-Mifflin, 1990, 3 tapes, 64-page booklet, \$35.00

Eastern: Houghton-Mifflin, 1989, 3 tapes, 48-page booklet, \$35.00

Birding by Ear, Eastern/Central

provides a system for learning bird song in general, including unfamiliar and new songs and calls. As you proceed through the learning groups such as mimics, whistlers and name-sayers, you will develop techniques and vocabulary useful in characterizing and recalling bird song. Three cassette tapes accompany a booklet showing a line drawing of each bird and briefly describing its habitat and voice characteristics. Eighty-five common species are grouped by their audio similarity into seven learning categories. Good for the beginning birder or the advanced visual birder.

— from the publisher

PETERSON FIELD GUIDES

EASTERN/CENTRAL

Birding by Ear

A GUIDE TO BIRD-SONG IDENTIFICATION



Richard K. Walton & Robert W. Lawson

Science News Books

1719 N Street, NW,
Washington, DC 20036

BirdEarEast
BirdEarWest
SetBirdEW

Please send me the tape(s) marked below. I enclose the price of the tape(s) plus \$2.00 for postage and handling per tape. Domestic orders only.

— Eastern \$35.00 — Western \$35.00
— Both \$65.00

Name _____

Address _____

City _____

State _____ Zip _____

Daytime Phone (_____) _____
(used only for problems with order)

RB1446