

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 American Crow and Common Raven — Lawrence Kilham. The author presents, in narrative style, observations of the often-overlooked American Crow in Florida and New Hampshire during a six-year period. Includes many observations of this bird's cooperative breeding, territoriality and allopreening that have never been described before for a general readership. This exquisitely illustrated book also devotes three fascinating chapters to the Common Raven. Tex A&M Univ Pr, 1989, 255 p., illus., hardcover, \$29.50.

Deep Time: The Journey of a Single Subatomic Particle from the Moment of Creation to the Death of the Universe — and Beyond — David Darling. Tracing the history of an individual proton, this physicist and astronomer presents for the general reader his version of how the universe was created, why it is the way it is, where it's going and the role of human consciousness within it. He introduces the general reader to the anthropic principle, which states that the universe exists because it contains human consciousness to give it logic, laws and meaning. Delacorte Pr (Doubleday), 1989, 192 p., hardcover, \$17.95.

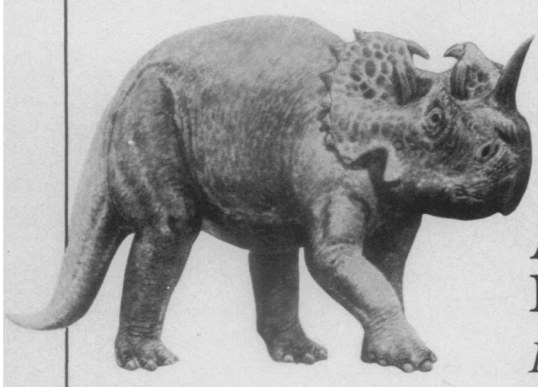
A Neotropical Companion: An Introduction to the Animals, Plants and Ecosystems of the New World Tropics — John C. Kricher. This book compiles much of the neotropical research that has thus far been hidden in scattered scientific papers. Begins with an overview of tropical climate and the importance of seasonality. Goes on to discuss birds and other animals, as well as the structure and function of the rainforest, why the tropics host so many species, the tropical pharmacy of naturally occurring drugs and the phenomenon of coevolution — defined by the author as "when two or more species interact in particularly intricate and interdependent ways." Closes with a chapter on conservation issues. Princeton U Pr, 1989, 436 p., illus., hardcover, \$45.00, paperback, \$16.95.

Paradigms Lost: Images of Man in the Mirror of Science — John L. Casti. The story of where science stands today in six areas: the origin of life, sociobiology, language acquisition, thinking machines, the search for extraterrestrial life and quantum reality. Casti uses a courtroom format to present all avenues of thought and allows the reader to act as juror. Charts, diagrams and glossaries of terms within each chapter help the general reader over some technical hurdles without slowing the pace of students and professionals. From the vast amount of material here the author hopes the reader will "learn something I didn't even know I was interested in and had fun doing it." Morrow, 1989, 565 p., illus., hardcover, \$22.95.

The Restless Sun — Donat G. Wentzel. An astronomy professor and former director of the Stars and Stellar Evolution program at the National Science Foundation has put together for the general reader an informative portrait of our nearest star using data and illustrations garnered from Skylab, the Solar Maximum Mission and other sources. He discusses the physical characteristics of the sun and the key questions addressed by contemporary solar research. Wentzel closes by probing the costs and benefits of long-term solar research. Smithsonian, 1989, 277 p., color/b&w illus., hardcover, \$27.95.

Science and Creation: The Search for Understanding — John Polkinghorne. This physicist-turned-Anglican-priest addresses some fundamental questions about how scientific and theological world views relate to each other. New Science Library (Random), 1989, 113 p., paperback, \$8.95.

Senses & Sensibilities — Jillyn Smith. A blend of science, history and folklore about why we see, smell, hear, taste and touch the way we do. This zoologist and science writer offers intriguing and surprising facts about the origin of the sensory structures, their functions and dysfunctions and artificial augmentations of human sensation. Find out how massed turkey vultures can signal a gas leak before a detector does, how n-phenylthiocarbamide tastes bitter to some people and tasteless to others, and what the "canals of Schlemm" have to do with touch. Wiley, 1989, 230 p., illus., paperback, \$9.95.



The Macmillan Illustrated Encyclopedia of Dinosaurs and Prehistoric Animals:

A Visual Who's Who of Prehistoric Life

By Dougal Dixon, Barry Cox, R.J.G. Savage and Brian Gardiner

Here, arranged in evolutionary sequence, are over 600 species of enormous diversity, from predatory dinosaurs to primitive amphibians, from giant armored fish to mammoths and sabertooths. All are depicted in full-color paintings drawn according to strict scientific principles. In painting each animal, the artists have worked in close collaboration with a team of expert paleontologists, and have used as their templates the records of the rocks — fossil bones, teeth, skin, hair, even footprints. Accompanying these remarkable illustrations are lively and informative biographies of the creatures, detailing how these animals moved, how they behaved and what they ate. Whenever possible, significant comparisons are made with familiar, living animals, to highlight fascinating differences or similarities.

— from the publisher

Macmillan, 1988, 312 pages, 9 1/4" x 11 1/2", hardcover, \$39.95 ISBN: 0-02-580191-0

Science News Books, 1719 N Street, NW Washington, DC 20036

Please send me _____ copy(ies) of *The Macmillan Illustrated Encyclopedia of Dinosaurs and Prehistoric Animals*. I include a check payable to Science News Books for \$39.95 plus \$2.00 postage and handling (total \$41.95) for each copy. Domestic orders only.

Name _____

Address _____

City _____

State _____ Zip _____

RB 1098