

# Books

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**The Bird Garden** — Stephen W. Kress. Endorsed by the National Audubon Society, this lavishly illustrated guide to attracting birds to backyards and gardens details what types of birds are best suited to gardens and what kinds of shelter, food, water, landscape, and protection from predators they require. A region-by-region encyclopedia of North American plants and shrubs briefly outlines size, fruit, planting specifications, and the birds each plant attracts. Dorling Kindersley, 1995, 176 p., color photos and illus., hardcover, \$24.95.

**Complete Guide to Prescription and Non-prescription Drugs** — H. Winter Griffith. This guidebook contains charts listing generic and brand names of more than 5,000 drugs. It includes information on addictiveness, prescription requirements, uses, dosage, overdose, side effects, risks to pregnant women, children, and the elderly, and interactions with other drugs. Body Pr-Perigee, 1995, 1,080 p., paperback, \$15.95.

**Frontiers of Complexity: The Search for Order in a Chaotic World** — Peter Coveney and Roger Highfield. The authors of *The Arrow of Time* rejoin forces to expand the horizon of complexity beyond chaos theory to its manifestations in fields such as chemistry, physics, biology, and computer science. Coveney and Highfield explain complexity's mathematical basis and then show how this new science provides a new understanding of how interacting units behave. For instance, how do snowflakes turn into avalanches or neurons into thoughts? Along the way, they introduce the people most influential in the leap from reductionism to complexity—Charles Babbage, Kurt Gödel, Ilya Prigogine, and John von Neumann. Fawcett, 1995, 462 p., color plates and b&w photos and illus., hardcover, \$27.50.

**The Monkey Wars**—Deborah Blum. A Pulitzer prizewinning writer delves into one of the most controversial aspects of scientific research: the use of primates in laboratory testing. She presents both sides of the controversy by relating her experiences with people and primates, including those with the Yerkes Regional Primate Research Center and the Animal Welfare Institute. The effects of the animal rights movement on research are outlined, and most importantly, Blum establishes a middle ground for both sides. Originally published in hardcover in 1994. OUP, 1995, 306 p., b&w photos, paperback, \$14.95.

**The Moral Animal: Why We Are the Way We Are: The New Science of Evolutionary Psychology**—Robert Wright. Although Darwin proposed the application of evolution theory to human behavior long ago, evolutionary psychology has only recently become a viable field of study. Wright, *NEW REPUBLIC* senior editor, describes the emergence and principles of evolutionary psychology using the thoughts, emotions, and behavior of Darwin as a model. Wright explains what evolutionary psychology can tell us about our moral makeup and recurring patterns in the structure of family, friendship, politics, and courtship across cultures. Originally published in hardcover in 1994. Vin, 1995, 466 p., b&w photos, paperback, \$14.00.

**The Story of Mathematics** — Lloyd Motz and Jefferson Hane Weaver. The authors provide a solid overview of the history of mathematics, with emphasis on both founders and contemporary mathematicians, the role of math in society and science, and the effects of this knowledge and methodology on modern human cultures and discoveries in other fields. They also attempt to explain why mathematics evolved as it has. Originally published in hardcover in 1993. Avon, 1995, 356 p., b&w photos and illus., paperback, \$14.00.

**What Is Life? The Next Fifty Years: Speculations on the Future of Biology** — Michael P. Murphy and Luke A.J. O'Neill, eds. To celebrate achievements in biology during the last 50 years, as well as to commemorate Erwin Schrödinger's lectures and the subsequent book *What Is Life?*, a number of eminent scientists gathered at Trinity College, Dublin to present their views on the trends and problems in biology. Jared Diamond, Christian de Duve, John Maynard Smith, Roger Penrose, and Lewis Wolpert are among those who expound on the current understanding of the origin of life and human inventiveness, developmental biology, and the basis of consciousness. Cambridge U Pr, 1995, 191 p., hardcover, \$24.95.

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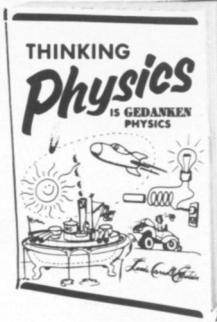
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**BACKWATER**

The main current in a creek is flowing to the right. The small current behind the rock is flowing to the

a) right  
b) left  
c) neither way



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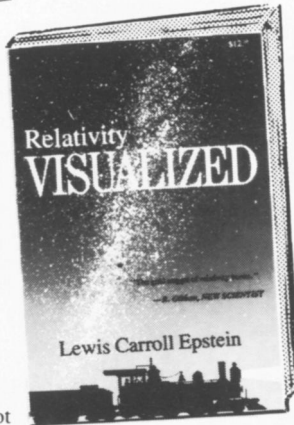
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