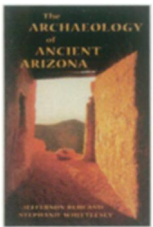
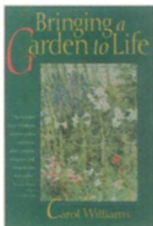


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The Archaeology of Ancient Arizona—Jefferson Reid and Stephanie Whittlesey. Essays and pictures of the region impart the heritage and experiences of those who have dedicated themselves to unearthing evidence of the ancient inhabitants of the land: Mogollon, Anasazi, Hohokam, and Salado, among others. Glimpse the discoveries made at various sites and sample the various opinions about what those findings reveal. U AZ Pr, 1997, 297 p., b&w photos/illus., paperback, \$17.95.



Bringing a Garden to Life—Carol Williams. Her own garden on Long Island has fallen prey to deer, hurricanes, and floods, occasionally taking her literally back to her roots. But Williams' passion for the life that sprouts from this patch of land keeps her coming back. Her guide does not abound with shortcuts or ideas for constructing a magazine-style showpiece; instead, she imparts the basics of planning, planting, weeding, and composting that keep a garden vibrant. Bantam, 1998, 273 p., b&w illus., hardcover, \$22.95.



Complete Drug Reference 1998—Consumer Reports. Updated annually in conjunction with the United States Pharmacopoeia, this year's edition includes the addition of 100 newly approved drugs to the 10,000 listings of prescription and over-the-counter drugs already established.

Profiles of the medications include brand and generic names, uses, side effects, interactions, available forms, etc. Consumer Reports, 1997, 1,754 p., color plates, hardcover, \$39.95.



Explaining Consciousness: The Hard Problem—Jonathan Shear. At a 1994 conference titled "Toward a Scientific Basis for Consciousness" and in the opening of this volume, Shear avers that explaining cognitive functions such as discrimination, integration, and the control

of behavior is not particularly hard. The challenge lies in understanding why these functions are associated with experience and why these processes can occur without any consciousness at all: The universe, for example, unfolded independent of any sort of consciousness. Shear gamers a range of responses to these conundrums from neurophysiologists, physicists, and fellow philosophers. MIT Pr, 1997, 422 p., hardcover, \$40.00.

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Sharing the Sky: A Parent's and Teacher's Guide to Astronomy—David H. Levy, Larry Lebofsky, and Nancy Lebofsky. The codiscover of Comet Shoemaker-Levy teams up with a research scientist and an educator to present a well-rounded introduction to astronomy for youngsters and novices. Subjects include how to buy a telescope and use it safely, how to view the sun, and how to keep an observation log. Plenum, 1997, 308 p., b&w photos, hardcover, \$29.95.



State of the World 1998—Lester R. Brown, Christopher Flavin, and Hilary French. Produced annually by the Worldwatch Institute, this report informs its readers of efforts toward global environmental sustainability. This edition focuses on booming worldwide economic growth. Falling

water tables, rising temperatures, and collapsing fisheries are the issues at hand. Brown's team calls for economic restructuring that reduces income taxes and increases taxation of pesticide use, toxic waste generation, carbon dioxide emissions, and raw materials use. We should focus on the alternative energy industries and on moving toward a reuse/recycle economy, they say. Norton, 1998, 251 p., b&w illus., paperback, \$13.95.



What Is Sex?—Lynn Margulis and Dorion Sagan. Following up on the success of *What Is Life?*, biologist Margulis and science-writer Sagan narrow their focus to the evolutionary history of sex. Their odyssey through the anatomical and historical aspects of sex begins 2 billion years ago with one starving microbe apparently being devoured by another—but actually uniting with the more robust bug rather than being consumed. Arguing that there is no real advantage to sexual versus asexual reproduction, they show that sexuality has persisted simply because it works. In predicting the future of human sex and its perhaps imminent separation from reproduction by way of cloning, birth control, and cybersex, the authors reveal that evolution has already tried some of these tricks, as when a society of cells made the transition into a single, larger organism. S&S, 1997, 256 p., color photos, hardcover, \$37.50.



Where Wizards Stay Up Late: The Origins of the Internet—Katie Hafner and Matthew Lyon. Remarkably, 25 years have passed since the inception of ARPANET—the mini-Internet system concocted by computer scientists affiliated with the Pentagon.

One computer scientist—J.C.R. Licklider—saw in the system the potential for a massive communications network. The technological hurdles involved in mobilizing such an endeavor and the logistical difficulties of finding a telephone carrier are relayed here. Originally published in hardcover in 1996. Touchstone, 1998, 304 p., b&w plates, paperback, \$13.00.

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