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Biology Smart—Deborah Guest. This introduction to—or refresher course in—basic biology comes complete with diagrams, quizzes, and a glossary, thus ensuring that the student is clear about the basic concepts outlined. Among the topics discussed are cellular structure, organic chemistry, ecology, human physiology, and chromosomes. Princeton Review, 1996, 238 p., b&w illus., paperback, \$12.00.

The Case for Mars: The Plan to Settle the Red Planet and Why We Must—Robert Zubrin with Richard Wagner. For years, NASA has balked at implementing a plan to send people to Mars—because of the estimated \$450 billion cost. Zubrin, along with his counterparts at Martin Marietta Astronautics, orchestrated an alternative: Mars Direct. Their strategy of “traveling light and living off the land” would enable them to accomplish this mission using existing technology for only one-tenth of NASA's estimated cost, they say. Zubrin outlines this plan, at the same time trying to alleviate fears about the “dangers” that lurk on Mars and to point out the wealth and potential Mars has for future generations once we terraform the planet and establish colonies there. Free Pr, 1996, 328 p., b&w plates, hardcover, \$25.00.

Eros and Evolution: A Natural Philosophy of Sex—Richard E. Michod. Challenging the widely accepted view that sex is necessary for genetic diversity in offspring, evolutionary biologist Michod argues that sex is needed for genetic repair. Beginning with analysis of the reproductive processes of the simplest life forms, he uses mathematical and computer models to bolster his hypothesis and to speculate further on why species exist at all. Originally published in hardcover in 1995. Addison-Wesley, 1996, 241 p., paperback, \$13.00.

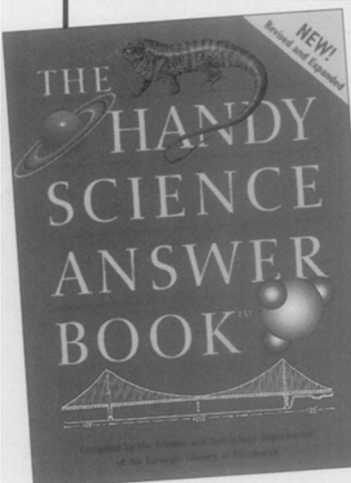
The Invention that Changed the World: How a Small Group of Radar Pioneers Won the Second World War and Launched a Technological Revolution—Robert Buder. Regaling readers with the fruits of the Rad Lab—the Manhattan Projectesque research facility at MIT that gave birth to radar—Buder tells about the onslaught of discoveries that followed the arrival of British researchers and their cavity magnetron in 1940. The cavity magnetron, a new source of microwave energy, was key to making radar systems small enough to fit on boats and planes and was critical to developing advanced warning systems. A bevy of modern technological devices was also spawned from the Rad Lab, including everything from solid-state televisions to magnetic resonance imaging, which Buder elaborates on as well. S&S, 1996, 575 p., b&w photos, hardcover, \$30.00.

Lost Wright: Frank Lloyd Wright's Vanished Masterpieces—Carla Lind. Of the 500 or so Frank Lloyd Wright designs that were built, roughly 100 have been destroyed. The Imperial Hotel in Japan and Taliesin 1 and 2 are the most important examples. Organized by type of structure and chronologically through Wright's career, this retrospective provides interesting insight into the architect's transformations of style, as well as a historical look at this lost legacy all accompanied by photographs. S&S, 1996, 171 p., color and b&w photos and illus., hardcover, \$35.00.

Lyme Disease: The Cause, the Cure, the Controversy—Alan G. Barbour. Lyme disease is one of the more misunderstood ailments as conflicting opinions surround the disease. Its symptoms are often confused with those of chronic fatigue syndrome and even depression. Barbour reports on the latest strides made toward defining Lyme disease, which is treatable with antibiotics. He recounts the history of the infection and describes methods for discerning Lyme from other ailments. Johns Hopkins, 1996, 258 p., paperback, \$15.95.

Science on the Web: A Connoisseur's Guide to Over 500 of the Best, Most Useful, and Most Fun Science Websites—Edward J. Renehan, Jr. That the World Wide Web was invented by scientists for scientists is an almost forgotten fact but this guidebook returns to the web's roots. Basic instruction on navigating the web introduces featured web pages rich with links and the most current science information in alphabetized categories, from artificial intelligence to zoology. The origin of each site is given—be it lab, journal, or researcher. Spr-Verlag, 1996, 382 p., b&w illus., paperback, \$19.95.

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