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Art & Physics: Parallel Visions in Space, Time & Light — Leonard Shlain. Shlain traces historical developments in physics and art, primarily the visual arts, in order to support his controversial premise that, in presenting new ways to view the world, revolutionary artists prefigured the great discoveries of physics, which formulated new ways of thinking about the world. He features artists such as Giotto, Piero della Francesca, Manet, Monet, Picasso, and Pollock and ties their work in with Galileo and Newton's mechanics, Einstein's theory of relativity, and cutting-edge cosmological findings. Shlain draws on evolutionary theory, split-brain research, philosophy, and mythology to explain how artists could have anticipated physicists' discoveries on so many occasions. Extensively illustrated with diagrams and black-and-white reproductions of much of the art discussed. Originally published in hardcover in 1991. Quill, 1993. 480 p., illus., paperback, \$12.00.

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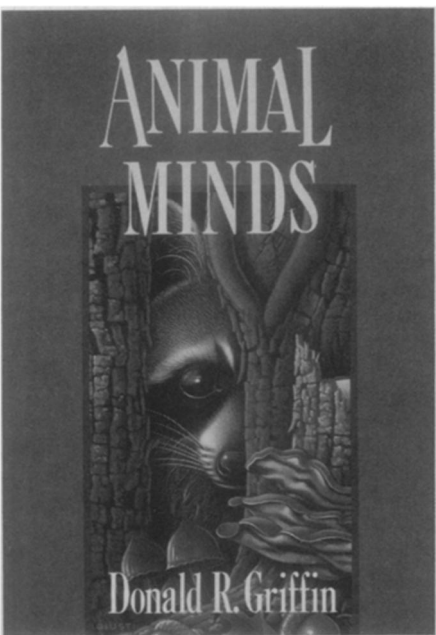
The Mummy's Tale: The Scientific and Medical Investigation of Natsef-Amun, Priest in the Temple at Karnak — Edited by A.R. David and E. Tapp. Picking up where the Leeds Philosophical and Literary Society began in 1828 with its pioneering autopsy, 14 members of the Manchester Mummy Research Project reexamine Natsef-Amun's mummified remains using modern, non-destructive technology. The Leeds group established the mummy's name and the fact that he lived 3,000 years ago during the reign of Ramesses XI and worked as a priest. The Manchester group, whose expertise ranges from radiology to histopathology to serology and computed tomography, determined how Natsef-Amun looked and that he probably died as a result of foul play — possibly by strangulation. Its members also make assessments about possible diseases facing the entire population at that time. Includes a number of telling black-and-white photographs. St. Martin's, 1992, 176 p., hardcover, \$24.95.

Mystery Dance: On the Evolution of Human Sexuality — Lynn Margulis and Dorion Sagan. In this provocative account of human sexual heritage, the authors of *Microcosmos: Four Billion Years of Microbial Evolution* argue that virtually all our ancestors have left their mark on contemporary sexual behavior. Using a metaphorical striptease to illustrate the many stages in the evolution of our sexual characteristics and behavior, they track sexuality through a long line of nonhuman ancestors, from apes to promiscuous bacteria. Originally published in hardcover in 1991. Touchstone Bks, 1992, 224 p., paperback, \$12.00.

Neandertals: Changing the Image of Man-kind — Erik Trinkaus and Pat Shipman. This is not only an updated account of what we now know about the bones discovered nearly 150 years ago in the German valley of Neander Tal, but also an excellent account of the history of the find. The discovery of these bones fueled the evolutionary debate that would make the reputations of many scientists and signal the downfall of others. This is a superb look at the ensuing scandals and the shortcomings of the scientists over the years who were afraid to buck traditional ideas about the origins of humans. Trinkaus has made the study of the Neandertals his life's work, and with the help of Shipman, he interprets that knowledge for readers. Knopf, 1993, 454 p., black-and-white photos and illus., hardcover, \$30.00.

Where There Is No Doctor: A Village Health Care Handbook — David Werner with Carol Thurman and Jane Maxwell. A first-aid guide written especially for the villager but also useful for anyone who cannot get immediate health care. It contains basic treatments for common illnesses such as diarrhea, toothache, colds, and flu, as well as graphic chapters on childbirth, skin diseases such as impetigo and scabies, and nutritional disorders such as acid indigestion and rickets. An extensive chapter on first aid details treatments for burns, bites, and lacerations. Special emphasis is given to children, their diseases, and possible complications following birth. A glossary and extensive index conclude the book. Hesperian Found, 1992, 446 p., illus., paperback, \$14.00.

A piping plover feigns a broken wing to lure a predator away from her nest. A vervet monkey "cries wolf" and misleads his neighbors. A sea otter uses a stone to break open abalone shells. Communicating, using tools, making tactical gestures and strategic moves, animals often display what looks to us like conscious, even calculated behavior. In this riveting book, Donald Griffin, a pioneer in the study of animal behavior, investigates the mystery of the animal mind. He makes a persuasive argument (highly controversial in some scientific circles) that animals do think.



Griffin brings together what we now know about animal cognition. He draws on the last decade's research in animal behavior, the philosophy of mind, and cognitive science to broaden our understanding of the nature and potential of animal minds. As in earlier works, Griffin explores the curious taboo among ethologists that has caused scientists for half a century to ignore the possibility that animals have conscious experience. The communicative signals of animals provide a revealing "window" on their thoughts and feelings, and scientific investigation may soon tell us what it is like, subjectively, to be an animal.

—from *Univ. of Chicago Press*

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