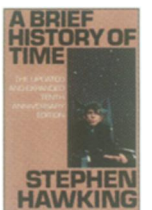


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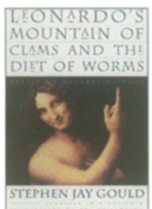
The Birder's Bug Book—Gilbert Waldbauer. Some insects mimic bird droppings to protect themselves from attack. Certain songbirds rub acid-filled ants over their feathers to deter external parasites. Such examples of the bird/bug relationship sprinkle Waldbauer's text as he describes the ways that each group adjusts and evolves through mutual exploitation. The final third of the book addresses the bugs that eat the birders and how humans combat such assaults. HUP, 1998, 290 p., color plates/illus., hardcover, \$27.95.



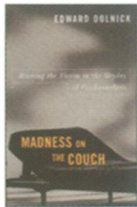
A Brief History of Time: The Updated and Expanded Tenth Anniversary Edition—Stephen Hawking. In keeping with the cutting-edge nature of the subject matter, Hawking freshens his best-selling exposition about the nature of the universe by incorporating recent theoretical and observational advances. Each chapter and some diagrams are updated, and the book is prefaced by a new introduction. Hawking also takes this opportunity to expound upon the possibility of wormholes that connect different regions of space-time based on Einstein's General Theory of Relativity. As he notes in his introduction, Hawking has sold more books about physics than Madonna has sold on sex; this revision should keep copies moving. Bantam, 1998, 212 p., illus., paperback, \$14.95.



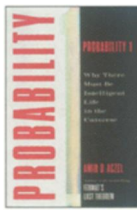
An Imaginary Tale: The Story of $\sqrt{-1}$ —Paul J. Nahin. The square root of minus 1 is also known to mathematicians as i (an imaginary number). Nahin traces i back 2,000 years to Egyptians who needed to calculate the volume of a truncated pyramid. Then, he goes on to medieval mathematicians who dismissed imaginary numbers as nonsense. It wasn't until Napoleonic times that i became widely accepted. Nahin's tribute also reflects on Kepler's use of complex numbers in defining planetary motion and how modern engineers have come to understand negative resistance. He does not shy away from equations, but Nahin's parlance is accessible and informal. Princeton U Pr, 1998, 257 p., illus., hardcover, \$24.95.



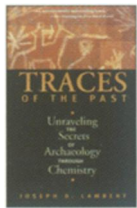
Leonardo's Mountain of Clams and the Diet of Worms: Essays on Natural History—Stephen Jay Gould. In essays culled from those published in *NATURAL HISTORY*, famous naturalist Gould ponders how we have learned to study and understand nature by exploring scientific misadventures. He proffers 21 peculiar examples, including the torment of Leonard da Vinci in trying to comprehend how clams came to rest on mountaintops, confusion over theories about the length of a giraffe's neck, and the genocide of dodos. Harmony, 1998, 422 p., b&w illus., hardcover, \$25.00.



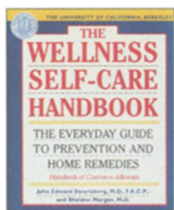
Madness on the Couch: Blaming the Victim in the Heyday of Psychoanalysis—Edward Dolnick. In a damning retrospective, the author excoriates psychoanalysts of the 1950s and 1960s. Then, talk therapy was used to treat people with schizophrenia, autism, and obsessive-compulsive disorder. Although, modern science indicates a biological root for such disorders, Sigmund Freud asserted that actions were the symbols of larger circumstances. Following Freud, therapists tried to decipher rituals, hallucinations, or emotional shut-down by mentally ill people as "cries for help." Unfortunately, patients' behaviors were often wrongly attributed to hostile treatment from parents during childhood. S&S, 1998, 368 p., b&w plates, hardcover, \$25.00.



Probability 1: Why There Must Be Intelligent Life in the Universe—Amir D. Aczel. A statistician applies his skills to the Drake equation in an effort to flesh out the probability of the existence of intelligent life elsewhere in the universe. Established by Francis Drake in 1961, the equation considers seven factors, including the number of stars in the galaxy, the fraction of stars with planets, and the number of planets with environments favorable to the formation of life. Aczel incorporates data retrieved from the Hubble Space Telescope and current findings about DNA to render his analysis. Harbrace, 1998, 230 p., hardcover, \$22.00.



Traces of the Past: Unraveling the Secrets of Archaeology Through Chemistry—Joseph B. Lambert. Archaeologists overturn the stones, but it is the chemists who date and reconstruct the ancient materials. Chemistry enables scientists to confirm the diets of prehistoric Europeans and the geographic origins of marble in Greek statues. Beginning with stones and escalating to the more complex realms of food and heavy metals, Lambert reveals how chemists answer questions about the past and about our chemical heritage. Originally published in hardcover in 1997. Perseus Bks, 1998, 319 p., color plates/illus., paperback, \$18.00.



The Wellness Self-Care Handbook: The Everyday Guide to Prevention and Home Remedies—John Edward Swartzberg and Sheldon Margen. The philosophy of health promotion as proffered by the School of Public Health at the University of California, Berkeley is outlined by Swartzberg and Margen, who compile nutritional data and describe major health concerns relative to age. They apply this agenda to 150 common ailments ranging from bad breath to rheumatoid arthritis—the symptoms, causes, remedies; and prevention are all detailed. Rebus, 1998, 576 p., hardcover, \$34.95.

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