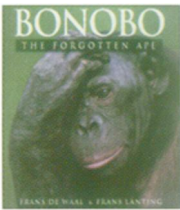
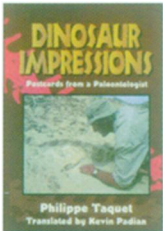


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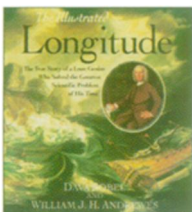
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Bonobo: The Forgotten Ape—Frans De Waal and Frans Lanting. Humans share more than 98 percent of their genetic material with the bonobo, yet chimpanzees garner more attention. De Waal and Lanting meld field and captivity studies with rare photographs of bonobos in a valiant effort to define the species' matriarchal society. Unlike chimpanzees, bonobos substitute sex for aggression. In fact, much of the bonobo's social life revolves around their sexual behavior. This makes for a compelling study that illuminates the sociological relationships of humans. Understanding bonobos is certain to "overthrow a number of cherished assumptions about the course of human evolution." Originally published in hardcover in 1997. U CA Pr, 1998, 210 p. color/b&w photos/illus., paperback, \$24.95.

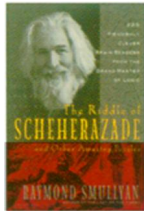


Dinosaur Impressions: Postcards from a Paleontologist—Philippe Taquet. In the dinosaur business for nearly 30 years, this French paleontologist reflects on his storied career by carefully blending anecdotes with current theories about dinosaur life and extinction. Taquet is most widely noted for his discovery of the dinosaur species that he named *Ouranosaurus nigeriensis*, which he unearthed in the region of Niger called Gadoufaoua, one of the largest repositories of dinosaurs in Africa and site of great success for the author. Taquet was also successful in Morocco and Brazil. The book intertwines tours of these digs with descriptions of laboratory work, dinosaur taxonomy, and evolutionary theory. Originally published in France in 1994. Cambridge U Pr, 1998, 244 p., illus., hardcover, \$24.95.

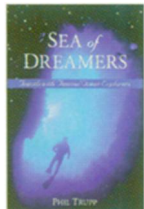


The Illustrated Longitude: The True Story of a Lone Genius Who Solved the Greatest Scientific Problem of His Time—Dava Sobel and William J.H. Andrewes. The 1995 release of Sobel's *Longitude*, a widely acclaimed best-selling history of the stormy advent of the chronometer, left fans of the book with one disappointment: the dearth of illustrations. This new version includes 178 photographs and diagrams along with the original text. Andrewes organized the Longitude Symposium that inspired the initial book. He selected the illustrations and wrote their captions, enhancing Sobel's treatise about how sailors were finally able to successfully navigate the sea. Walker, 1998, 216 p., color/b&w photos/illus., hardcover, \$32.95.

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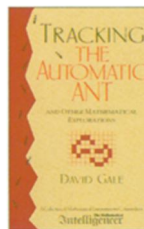
The Riddle of Scheherazade: And Other Amazing Puzzles, Ancient and Modern—Raymond Smullyan. This collection of 225 Gödelian brain twisters, baffling paradoxes, metapuzzles, logic tricks, and number games is based on the story "Arabian Nights". Scheherazade wins a stay of execution from her husband, the king, by teasing him with a story or puzzle every night for 1001 nights. Originally published in hardcover in 1997. Harbrace, 1998, 224 p., paperback, \$12.00.



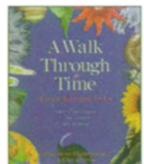
Sea of Dreamers: Travels With Famous Ocean Explorers—Phil Trupp. In an effort to spread his zeal for deep-sea exploration, Trupp tells about living in the ocean in Hydro-Lab and then of his treks in search of geological artifacts. In turn, readers encounter a number of the author's counterparts. Among them is the "shark lady," Eugenie Clark, the contrary sea cartographer, Maurice Ewing, and members of the Cousteau family. Fulcrum, 1998, 214 p., illus., hardcover, \$29.95.



Silicon Second Nature: Culturing Artificial Life in a Digital World—Stefan Helmreich. Cyberworlds, such as the computer program Tierra created by Tom Ray, are composed of algorithms representing ecosystems and organisms that exhibit attributes of living creatures: replication, competition, gender, etc. Helmreich begins by recounting Ray's efforts to find these creatures a place to "live." Much has changed in 9 years since then, especially at the Santa Fe Institute, home to the top masters of artificial life. These individuals and their synthetic life forms are the basis of this look into virtual worlds and the scenarios that may unfold within them. U CA Pr, 1998, 314 p., b&w photos/illus., hardcover, \$29.95.



Tracking the Automatic Ant: And Other Mathematical Explorations—David Gale. How can two people play poker over the telephone and be sure their opponent is not cheating? What are six variations of the Variational Method? What is the best way to lace a shoe using the least amount of string? Gale offers mathematical explanations of these conundrums and others in this compendium of articles from THE MATHEMATICAL INTELLIGENCER. Springer Verlag, 1998, 241 p., illus., hardcover, \$30.00.



A Walk Through Time: From Stardust to Us—Sidney Liebes, Elisabet Sahtouris, and Brian Swimme. For those who may miss HP Laboratories' traveling exhibition titled "Walk Through Time," this guide captures the experience of seeing it. The exhibit is 1 mile long and tracks 5 billion years of history. Each foot equates to 1 million years. The exhibit's original text appears as part of a time line on the bottom of each page of this book. Photographs highlight additional text delineating the evolutionary history of Earth and its inhabitants. Wiley, 1998, 223 p., color photos, hardcover, \$29.95.

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