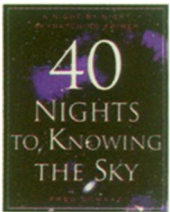
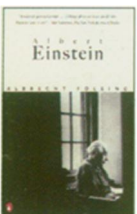


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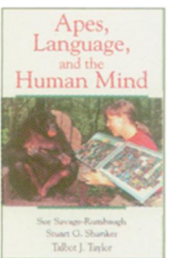
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40 Nights to Knowing the Sky: A Night-by-Night Skywatching Primer—Fred Schaaf. Encouraging the reader to work from dusk until dawn and learn by doing, Schaaf's guidebook begins by defining the zenith and the horizon and goes on to discuss the streaking meteors and stars of twilight. The assignments for each of the 40 nights present increasingly sophisticated information—including tips for searching the deep universe and compensating for light pollution—that build on the knowledge acquired earlier. Owl Bks, 1998, 252 p., b&w photos/illus., paperback, \$17.95.



Albert Einstein: A Biography—Albrecht Fölsing. Fölsing's exhaustive research underpins this heavily documented mix of fact, history, insight, and anecdote, drawn extensively from Einstein's own diaries, letters, and manuscripts. Fölsing carefully constructs his story to present the personal side of Einstein along with his accomplishments as scientist, teacher, and even patent officer. He conveys the complexity of a man who is still regarded as the greatest physicist of this century. The details of relativity theory and Einstein's numerous other revelations are dissected as well. Originally published in hardcover in 1997. Penguin, 1998, 882 p., b&w plates, paperback, \$18.95.



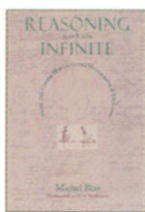
Apes, Language, and the Human Mind—Sue Savage-Rumbaugh, Stuart G. Shanker, and Talbot J. Taylor. Savage-Rumbaugh's most successful endeavor in her effort to cultivate linguistic and cognitive skills in apes was manifested in a bonobo named Kanzi. Presenting the story in two parts, Savage-Rumbaugh first narrates Kanzi's development from infancy to youth as his abilities come to rival that of a 2 1/2 year-old human. Two colleagues specializing in psychology and linguistics then join the author to proffer their ideas about the ramifications of the Kanzi project on current scientific thinking. The three address, in turn, the philosophy of the mind and language, the challenge to the Cartesian foundations of cognitive science, the methodological rhetoric of cognitive-communicational inquiry, and implications for the study of the evolution of human language. OUP, 1998, 244 p., b&w photos/illus., hardcover, \$26.00.

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A Field Guide to Eastern Trees—George A. Petrides, illustrated by Janet Wehr; **A Field Guide to Western Trees**—George A. Petrides, illustrated by Olivia Petrides. These two guides separate the native and naturalized trees of the United States and Canada along a line just west of Louisiana, Arkansas, Missouri, Iowa, Minnesota, and straight through the center of Manitoba. Each book has an introductory section that provides advice on differentiating between various leaf types. This is followed by color illustrations and details about the trees. Subsequent, more extensive chapters group trees by leaf-type, giving botanical names, history, native areas, and similar species. HM, 1998, 424/428 p., color photos/illus., paperback, \$19.00 each.

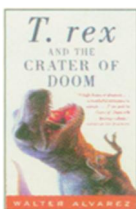


Reasoning With the Infinite: From the Closed World to the Mathematical Universe—Michel Blay. In rather heady prose, Blay assembles the writings of Galileo, Newton, Laplace, and other mathematical luminaries to trace the origins of the mathematization of the

world. He considers the profound philosophical consequences of submitting the infinite to rational analysis. Showing how a metaphysical debate over infinity undermined Galileo's claim that Euclidean geometry was the key to universal knowledge, Blay explains how this led to the adoption of Leibniz's new differential and integral calculus. Published in France in 1993. U Ch Pr, 1998, 216 p., illus., hardcover, \$39.00.



The Savage Garden: Cultivating Carnivorous Plants—Peter D'Amato. Beyond the well-known Venus Flytrap and the movie *Little Shop of Horrors*, D'Amato reveals a stunning diversity of tropical flesh-eating plants that flourish surprisingly often in temperate zones. In three sections, he offers basic cultivation information, locations best suited for carnivorous-plant prosperity, and a guide to insect-feeders. Ten Speed Pr, 1998, 314 p., color photos and illus., paperback, \$19.95.



T. rex and the Crater of Doom—Walter Alvarez. One of the scientists who proposed and gathered evidence that a giant comet collision was the exterminator of the dinosaurs, Alvarez recounts the history and details of his work. Iridium—a metal not common on Earth but more plentiful in asteroids and comets—was the key to the researchers' success. They surveyed the globe from the Yucatán Peninsula to the depths of the ocean floor in search of iridium-rich sediments. The intense scrutiny of the theory by other scientists is related as well. Originally published in hardcover in 1997. Vin, 1998, 185 p., color plates/b&w photos, paperback, \$13.00.

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