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Bombshell: The Secret Story of America's Unknown Atomic Spy Conspiracy—Joseph Albright and Marcia Kunstel. Two former Moscow correspondents for the Cox Newspapers identify U.S.-born former atomic scientist Ted Hall as a Soviet spy during the years he worked on the Manhattan Project. With a wealth of newly declassified U.S. and Soviet documents at their disposal and several lengthy interviews with Hall and his wife, who are still alive, Albright and Kunstel pinpoint a spy network at Los Alamos more devastating to U.S. interests than the Rosenbergs. Messages with codes based on Walt Whitman poetry and tales of dual identity riddle the text and illustrate how Hall and his communist friends were able to pass the recipe for the atomic bomb to the Soviets. Times Bks, 1997, 399 p., b&w photos, hardcover, \$25.00.

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 costly plan to send people to Mars. Zubrin, along with his counterparts at Martin Marietta Astronautics, has 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 and addresses fears about the "dangers" that lurk on Mars. Originally published in hardcover in 1996. Touchstone, 1997, 344 p., paperback, \$13.00.

The Cat Who Cried for Help: Attitudes, Emotions, and the Psychology of Cats—Nicholas Dodman. Aggression, emotional problems, and compulsive behavior are the three categories of feline behavioral problems that board-certified animal behaviorist Dodman addresses. He helps readers understand the reasons for unwanted conduct such as furniture clawing, inappropriate elimination, wool gnawing, and hostility to other animals and shows how these problems can be corrected by changing an animal's environment, changing an owner's attitudes, or even prescribing drugs. Case studies of various felines in distress may help frantic owners find a constructive solution to their cat's problems. Bantam, 1997, 235 p., hardcover, \$22.95.

Dinosaurs of the Flaming Cliffs—Michael Novacek. Closed to Western scientists for more than 60 years, the fossil-rich Gobi Desert was first revisited 7 years ago by a team of scientists led by Novacek. There, they amassed some of the most valuable dinosaur discoveries of the last 50 years. One such find was a group of dinosaurs entombed in a sandstorm some 80 million years ago—and recovered virtually intact. Novacek describes this and other discoveries, including a nest of eggs containing the first known embryos of meat-eating dinosaurs, skeletons of birdlike theropods, and fossil remains of previously unknown mammals. Originally published in hardcover in 1996. Anchor NY, 1997, 367 p., b&w illus., paperback, \$14.95.

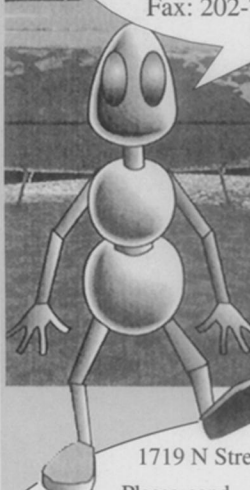
Exotic Herbs: A Compendium of Exceptional Culinary Herbs—Carole Saville. Well-organized and laced with color images, Saville's book concentrates on gardening techniques for the more exotic herb varieties: Cuban oregano, bronze fennel, and roselle to name a few. Recipes follow each entry outlining growing habits both in containers and in gardens, origins, climate requirements, cultivation tips, and culinary uses. H Holt & Co, 1997, 308 p., color photos, hardcover, \$35.00.

Honey, Mud, Maggots, and Other Medical Marvels: The Science Behind Folk Remedies and Old Wives' Tales—Robert and Michèle Root-Bernstein. Honey heals wounds. Eating mud or dirt combats malnutrition. Maggots heal gangrene. These are not just superstitious ancient medical beliefs. The Root-Bernsteins provide valid scientific evidence to support these claims. In fact, leeches are entering modern surgeries. While some anecdotes about urine drinking and bloodletting may not be for the squeamish, this deftly illustrated text shows the influence of these practices on modern medicine and describes their place in history. HM, 1997, 279 p., hardcover, \$24.00.

Hunting Down the Universe: The Missing Mass, Primordial Black Holes, and Other Dark Matters—Michael Hawkins. Hawkins opposes the Big Bang and the steady state theories of the universe. He instead declares that 99 percent of the universe—the missing mass—consists of tiny, primordial black holes formed within the maelstrom of the first microseconds of the Universe's life. In the process of justifying this claim, he reveals—and argues against—the "element of exclusivity and secretiveness about the scientific process." Addison-Wesley, 1997, 240 p., hardcover, \$24.00.

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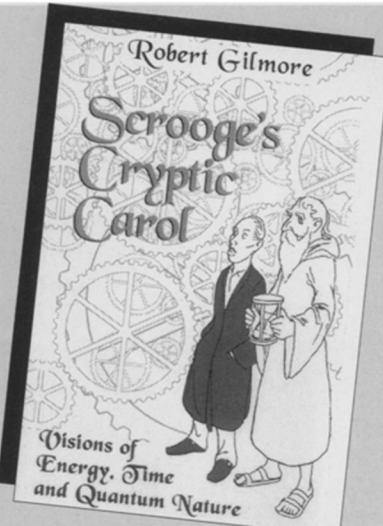
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Scrooge's Cryptic Carol
Visions of Energy, Time and Quantum Nature

Copernicus, 1997, 251 pages
6 1/4" x 9 1/2", hardcover, \$25.00

Like his famous ancestor, the modern Scrooge—who hews tightly to the credo "it is enough for a man to understand his own business and look to his own advantage"—is about to be visited by ghosts. But it's not his hard heart that needs opening this time, it's his closed mind. The wisdom these ghosts bring is not love and charity but science.

Physicist Robert Gilmore, author of the popular *Alice in Quantumland*, presents a delightful takeoff on Charles Dickens' *A Christmas Carol*. Here the three visitations represent Science Past (the Spirits of Energy and Entropy, who explain the laws of thermodynamics, equilibrium and a troublesome HEAT DEATH sign), Science Present (the Spirit of Time, who tells him of inconstancy, change, and creation), and Science Future (the surreal world of quantum uncertainty, where it is the observer or measurement that creates a unique reality). For everyone who wants a playful, painless, yet surprisingly sophisticated introduction to the ideas of modern physics, this is a brilliant tour de force and a charming read.

—from Copernicus

