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The Ascent of Mind: Ice Age Climates and the Evolution of Intelligence—William H. Calvin. One of the greatest mysteries of human evolution is how and why the brains of our ape-like forebears expanded so rapidly and developed into the human mind. Calvin, author of *The Throwing Madonna* and *The Cerebral Symphony*, contends that this change was driven primarily by the unpredictable prehistoric climate. The need to "match wits" with drastic and frequent climate changes, he argues, transformed the brains of early humans into innovative machines capable of toolmaking and invention. Writing for the general reader, Calvin analyzes the challenges faced by prehistoric humans to demonstrate how ice age climates demanded human adaption and encouraged the development of society, culture and even ethics. Bantam, 1991, 302 p., illus., hardcover, \$21.95.

Butterfly Gardening: Creating Summer Magic in Your Garden—Xerces Society/Smithsonian Institution. A beautiful and practical guide to attracting butterflies to a garden. Illustrated with more than 100 close-up color photographs of butterflies and flowers, this handbook provides garden design diagrams, a master plant list, tips on butterfly watching and photography, and more. Random, 1990, 192 p., color illus., paperback, \$18.95.

The Gardener's Companion: A Book of Lists and Lore—Roberta M. Coughlin. This book provides more than 350 lists of expert recommendations for almost every possible gardening situation—from seeds that will germinate in cool soils to herbs thought to attract beneficial insects to mail-order sources for plants. Coughlin supplements her suggestions with gardening tips, plant lore and line drawings, making this an enjoyable book for browsing as well as a valuable reference. HarperCollins, 1991, 496 p., illus., hardcover, \$30.00.

The Hominid Gang: Behind the Scenes in the Search for Human Origins—Delta Willis, introduction by Stephen Jay Gould. The "hominid gang" refers to a team of Africans trained in fossil finding who work primarily in Kenya's Rift Valley. Willis looks beyond the usual newsmaking names in paleoanthropology to focus on the hundreds of discoverers, explorers, geologists, curators and preparators who make invaluable contributions to our understanding of hominids, the evolutionary family that includes modern humans. Originally published in hardcover in 1989. Viking, 1991, 351 p., color/b&w illus., paperback, \$10.95.

A Journey into Gravity and Spacetime—John Archibald Wheeler. A thorough exploration of Einstein's geometric theory of gravity and its implications for the relationship between mass and spacetime. Wheeler, a relativist, applies Einstein's theory to phenomena ranging from falling pebbles to crashing stars. Extensively illustrated with color photographs, illustrations and diagrams. W H Freeman, 1990, 257 p., color illus., hardcover, \$32.95.

Sunsets, Twilights, and Evening Skies—Aden Meinel and Marjorie Meinel. An exploration of the scientific bases of optical twilight effects in the atmosphere. The authors explain the physics behind such phenomena as green flashes, blue and green suns, aurorae, and more. They also include a chapter on what is currently known about twilight on the other planets, supplemented by photographs taken on the Voyager 2 and Viking space missions. Written for the layperson with a basic understanding of physics and illustrated with diagrams and striking color plates. Originally published in hardcover in 1983. Cambridge U Pr, 1991, 163 p., color/b&w illus., paperback, \$19.95.

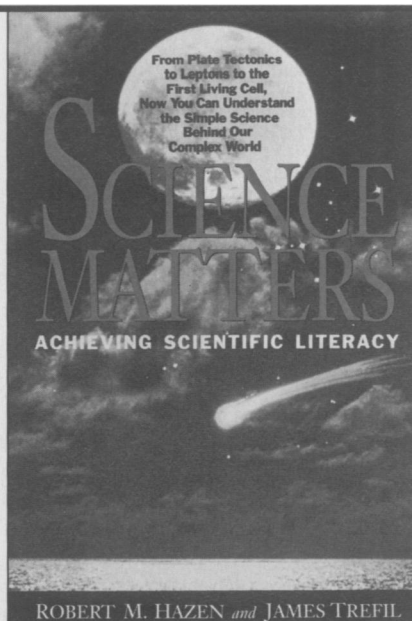
Ways of Knowing: The Reality Club 3—John Brockman, Ed. This volume is the third in a series of thematic books released by the Reality Club, an informal society of intellectuals founded by Brockman. The essays revolve around the theme of how we learn, think and process information, and they include discussions of the evolution of the world's languages, the design of future schools, and the role of the video camera as a memory tool. Contributors include particle physicist Gerald Feinberg, anthropologist Mary Catherine Bateson and cyberneticist and video artist Paul Ryan. Prentice Hall Pr, 1991, 284 p., paperback, \$11.95.

With the Whales—James Darling and Flip Nicklin. This spectacular celebration of whales includes more than 130 color photographs, most taken underwater, and an introduction to the natural history of all the major whale species. NorthWord, 1990, 159 p., color illus., hardcover, \$39.95.

"Science literacy may likely determine whether our democratic society will survive well into the 21st century. *Science Matters* is a model of clarity and coherence. Readers of this book will be far better prepared to see beyond the newspaper minefield that events have created. As such, Hazen and Trefil have performed an invaluable service."

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American Association for the
Advancement of Science

Doubleday, 1991, 294 pages, 6¼" x 9½",
hardcover, \$19.95



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