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The Atomic Scientists: A Biographical History — Henry A. Boorse, Lloyd Motz and Jefferson Hane Weaver. Integrates the biographies of such physical science greats as Enrico Fermi, Marie Curie and Amedeo Avogadro with their scientific findings. Discoveries are presented for the general reader in understandable terms and with examples that show how the work contributed to the theory of the atom as it is accepted today. Wiley, 1989, 472 p., illus., hardcover, \$27.95.

Cosmic Catastrophes — Clark R. Chapman and David Morrison. Two distinguished planetary scientists survey the violent asteroid impacts experienced on Earth: where they originate, how they may have influenced our history and how they might affect our future. They venture into the solar system to explore and explain craters on the moon, the climates of Mars and Venus and how and why our sun will eventually die out. Plenum Pub, 1989, 302 p., illus., hardcover, \$22.95.

Eternal Landscape — Emil Schulthess. Sixty-three magnificent photographs, including 10 that fold out to be 3 feet wide, depict a panorama of striking geologic formations of the southwestern United States. The brief scientific text gives the general reader insight into the history of the rocks and the Earth. Knopf, 1989, 139 p., color illus., hardcover, \$60.00.

The Fabric of Mind — Richard Bergland. A prominent neurosurgeon suggests that the brain is actually a gland controlled by hormones within it. Bergland feels that a better understanding of brain hormones and the signals they transmit between the body and the brain can help unravel the mysteries of behavior and advance the treatment of many illnesses. Originally published in 1986. Penguin, 1989, 202 p., illus., paperback, \$9.95.

For the Love of Enzymes: The Odyssey of a Biochemist — Arthur Kornberg. Written for the general reader, this book is a personal account of how scientists have used advances in biochemistry to understand heredity and other chemical aspects of life. Focuses on Kornberg's efforts to synthesize DNA in the laboratory and on the study of DNA enzymes. This work, for which the author was awarded the Nobel Prize in biochemistry, helped originate the field of genetic engineering. Clear and helpful two-color diagrams complement the text. Harvard U Pr, 1989, 336 p., illus., hardcover, \$29.95.

Healthy Pleasures — Robert Ornstein and David Sobel. A brain researcher and a health administrator, who authored *The Healing Brain*, propose a new approach to the way people manage their health. They draw on recent research on nutrition, education, exercise and sleep to bolster their view that good health comes from within each individual and is best attained naturally and pleasurable, not through difficult regimens. The book is filled with practical suggestions. Addison-Wesley, 1989, 301 p., hardcover, \$16.95.

Light — Michael I. Sobel. Written for the general reader, this fascinating exploration of light traces the development of physical theories of light through the centuries and shows how the laws of physics explain light phenomena. Using everyday examples and diagrams, the author describes optical instruments and discusses such topics as color and color vision, light in the atmosphere and the cosmos, lasers and fiber optics. Originally published in 1987. U of Chicago Pr, 1989, 263 p., illus., paperback, \$14.95.

Marine Plants of the Caribbean: A Field Guide from Florida to Brazil — Diane Scullion Littler, et al. Superb underwater photographs accompany descriptions of the size, shape, color, depth and typical habitat of 204 kinds of algae and five sea grasses in the Caribbean. The book offers the general reader an introduction to the common species of photosynthetic reef organisms. Smithsonian, 1989, 261 p., color illus., paperback, \$14.95.

Tilings and Patterns: An Introduction — Branko Grünbaum and G.C. Shephard. This book consists of the first seven chapters of these authors' classic work of the same title. It is written for students, professional mathematicians and non-mathematicians, and it covers, among other topics, the history of tiling, the theory of patterns and the topological and symmetry properties of tilings. Hundreds of illustrations serve as learning tools and provide a valuable reference for artists, engineers and designers. Exercises are included at the end of each chapter. W H Freeman, 1989, 446 p., illus., paperback, \$26.95.

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— from the publisher

Bantam, 1988, 352 pages, 5¼" x 8¼", paperback, \$9.95 ISBN 0-553-34710-1

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