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Astronomers' Stars — Patrick Moore. The captivating stories of 16 stars introduce the general reader to the mysteries of astronomy. Each of these stars has provided astronomers with key information leading to increased understanding of the universe. The stories are spiced with mythology and obscure technical facts of interest to astronomers. Norton, 1989, 164 p., illus., hardcover, \$17.95.

Bubbles, Voids and Bumps in Time: The New Cosmology — James Cornell, Ed. Presents a comprehensive view of the universe as seen through the work of six leading cosmologists. A good introduction to this challenging field. Cambridge U Pr, 1989, 190 p., illus., hardcover, \$22.50.

Buckminster Fuller's Universe: An Appreciation — Lloyd Steven Sieden. The principles and ideas that shaped Fuller's life are presented for the general reader and interspersed with biographical information on this technological genius. The author describes Fuller's impact on society and the ways in which his ideas will continue to influence our perception of Earth. Plenum, 1989, 511 p., illus., hardcover, \$24.95.

The Empire of Chance: How Probability Changed Science and Everyday Life — George Gigerenzer, et al. Explains the applications of probability and statistics to the sciences of biology, physics and psychology as well as to daily life. The authors do not trace the mathematical development of probability, but rather show the scholar and interested general reader how probability has transformed our ideas of nature, mind and society and thus shaped modern bureaucracies and science. They conclude with a description of how probability influences daily life, from mammography to gambling to weather reports. Cambridge U Pr, 1989, 340 p., hardcover, \$44.50.

The Gene Hunters: Biotechnology and the Scramble for Seeds — Calestous Juma. Focuses on the implications of advances in biotechnology and in the conservation of genetic resources, such as the global network of gene banks, for the Third World in general and Africa in particular. The author argues that new techniques, unlike earlier technological advances, are applicable to small-scale, labor-intensive production and thus offer developing nations the opportunity to advance their economies. Also covers the historical role of genetic resources in the global economy, current advances in biotechnology, the problems with private ownership of new life forms and the possible consequences of introducing genetically engineered organisms into the environment. Princeton U Pr, 1989, 288 p., charts & graphs, hardcover, \$39.50, paperback, \$14.95.

Odd Perceptions — Richard L. Gregory. A collection of short essays on how humans perceive color, shape, touch and sound, among other sensations, and how our senses interact with our intelligence. Written for the general reader by the founding editor of the British journal PERCEPTION, some of the essays are amusing, some are serious and some are meant to set the reader thinking; all describe the major scientists in the study of perception and their achievements. Originally published in hardcover in 1986. Routledge, 1989, 230 p., illus., paperback, \$11.95.

Periodontology: From its Origins up to 1980, A Survey — Arthur Jean-Held. Distills 5,000 years' worth of developments leading to the emergence of periodontic science, with magic and empiricism giving way to scientific trials and test results. Discusses evidence from skeletal remains, mummies and tools gathered from archaeological digs, along with the various clinical approaches for the prevention and treatment of periodontal disease. Fascinating reading, though somewhat technical. Birkhauser, 1989, 257 p., illus., hardcover, \$52.00.

Serendipity: Accidental Discoveries in Science — Royston M. Roberts. The fascinating stories behind serendipitous discoveries of such common items as Velcro, the Pill, Teflon, the Dead Sea scrolls and the structure of benzene. The author provides enough detail to engage the scientist and enough drama to interest the general reader. Wiley, 1989, 270 p., illus., paperback, \$12.95.

The Multiplicity of Dreams

Memory, Imagination and Consciousness

By Harry T. Hunt

Dreams have been interpreted as divine revelations, previews of the future, relivings of the past and expressions of unconscious conflicts. In this fascinating and comprehensive book, psychologist Harry T. Hunt provides a thorough look at all aspects of dreaming, from the theories of Freud and Jung to the latest developments in sleep laboratories. Drawing on insights from anthropology and psychiatry as well as from cognitive psychology, Hunt argues that there are many types of dreams, and he classifies them systematically for the first time. This book is richly rewarding to both scientists and the general public, for it proposes a pluralistic interpretation of dreams that will be of great interest to experts and at the same time explains in language accessible to nonprofessional readers what we know about dreams — those absorbing creations of our own minds.

— from the publisher

Yale Univ. Press, 1989, 271 pages, 9 1/2" x 6 1/2", hardcover, \$27.50 ISBN 0-300-04330-9

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