

ASTHMA: The Facts — Donald J. Lane. Discusses for asthma sufferers and their families the causes of asthma attacks, the symptoms and treatment. Includes a chapter based on personal experience by Anthony Storr. Oxford U Pr, 1979, 163 p., illus., \$11.95, paper, 1981, \$5.95. [1]

THE BODY MACHINE: Your Health in Perspective — Christiaan Barnard and John Illman, Eds. This beautifully illustrated book looks at the human body system by system, explores how it grows, develops and regulates itself. Crown, 1981, 256 p., color/b&w illus., \$19.95. [2]

THE CLOCKS THAT TIME US: Physiology of the Circadian Timing System — Martin C. Moore-Ede, Frank M. Sulzman and Charles A. Fuller. Explains the structure and function of circadian clocks in animals and man and provides a basis for understanding the medical and public health implications of this rhythm. Harvard U Pr, 1982, 448 p., illus., \$25. [3]

THE EDGE OF INFINITY: Where the Universe Came From and How It Will End — Paul Davies. An eminent physicist writes about naked singularities — the centers of black holes where all known physical laws are suspended. This book points the way to the physics of the future. No detailed background knowledge of either physics or mathematics is needed to understand the mind-bending ideas included here. S&S, 1982, 194 p., illus., \$13.50. [4]

EPILEPSY: The Facts — Anthony Hopkins. Describes for patients and their families the causes of epilepsy, the different type of seizures in adults and children, the management of the seizure and the treatment of epilepsy. Oxford U Pr, 1981, 158 p., illus., \$11.95. [5]

GENIUS AT WORK: Images of Alexander Graham Bell — Dorothy Harley Eber. This book documents Bell's pioneering aviation experiments, his development of a successful hydrofoil and other experiments in such areas as genetic breeding and solar heating. Bell the scientist is also revealed as one whose genial, outgoing and somewhat eccentric personality inspired fondness in the people who surrounded him. Viking Pr, 1982, 192 p., illus., \$16.95. [6]

THE GIANT PANDA — Ramona and Desmond Morris, revised by Jonathan Barzdo. Today only about 1,000 pandas exist in the wild and they are endangered by the disappearance of their staple diet, bamboo. In an attempt to save the panda, major research and conservation projects are now underway in China. The original edition, published in 1966, has been revised and updated to include new developments taking place in panda research. Penguin, 1982, 192 p., illus., paper, \$4.95. [7]

HUMAN COMMUNICATION: Language and Its Psychobiological Bases — Introductions by William S-Y. Wang. These readings from *Scientific American* reflect the many disciplines involved in the study of language. Language is considered within an evolutionary framework, several specific languages are discussed and the last section deals with how language is organized in the human head and used in daily life. WH Freeman, 1982, 186 p., color/b&w illus., \$17.95, paper, \$9.95. [8]

INSIDE THE EARTH: Evidence from Earthquakes — Bruce A. Bolt. Shows how the structure and properties of the earth's interior are derived from seismological evidence and principles. Traces the evolution of geologic knowledge from the beginnings of seismology, through the early discoveries about the solid and liquid parts of the earth's interior, up to the present. WH Freeman, 1982, 191 p., illus., \$22.50, paper, \$10.95. [9]

KIDNEY DISEASE: The Facts — Stewart Cameron. Describes for the general reader the variety of kidney disease, both mild and potentially fatal, such as cystitis, kidney stones and renal failure. The way kidneys work in health and disease is explained. Oxford U Pr, 1981, 232 p., illus., \$16.95. [10]

MAYA: The Riddle and Rediscovery of a Lost Civilization — Charles Gallenkamp. The first edition of this book was published in 1959. Since then, intensive research necessitated the updating and expansion of the original text in 1976. The continuing disclosure of new data has required the inclusion of additional changes in the present edition to reflect the new ideas regarding the nature of Maya society. Penguin, 1981, 2nd rev. ed., 235 p., illus., paper, \$5.95. [11]

THE MIND'S BEST WORK — D.N. Perkins. This book is about creating in the arts and in the sciences, with products such as poems, paintings, scientific discoveries and theories. Activities that the reader can attempt are included in most chapter sections. These activities couple a task with some sort of introspection into the workings of the mind. Harvard U Pr, 1981, 314 p., drawings by the author, \$18.50. [12]

OTHER WORLDS: Space, Superspace and the Quantum Universe — Paul Davies. Challenges old assumptions about the nature of time and space and offers radical new thoughts on the structure of the universe in light of discoveries in astrophysics and cosmology. S&S, 1981, 207 p., illus., \$11.95, paper, 1982, \$5.15. [13]

SCIENCE FICTION PUZZLE TALES — Martin Gardner, foreword by Isaac Asimov. The puzzles are woven into short science fiction stories by the master of mathematical games. You'd be surprised, says Gardner in the preface, how much math you can learn by exploring some of the implications and ramifications of what may seem at first no more than a trivial brainteaser. Puzzles originally appeared in *Isaac Asimov's Science Fiction Magazine*. Potter (Crown), 1981, 148 p., illus., \$10.95, paper, \$4.95. [14]

THE SEX CONTRACT: The Evolution of Human Behavior — Helen E. Fisher. Anthropologists do not know how human sexual and social behavior evolved. All we have are clues, says the introduction, from our closest relatives — monkeys and apes — and from studying ourselves, human beings around the world today and our remains from yesteryear. This book gives a view of the important roles played by all — women, men and children — in the course of human evolution. Morrow, 1982, 253 p., illus., \$13.50. [15]

TWINS: An Uncanny Relationship? — Peter Watson. Reports a University of Minnesota study of identical twins who were reared apart. Explores the mathematical probability of the twins' similarities. Examines twin research being conducted throughout the world. Viking Pr, 1981, 207 p., charts & graphs, \$12.95. [16]

THE UNIVERSE WITHIN: A New Science Explores the Human Mind — Morton Hunt. Cognitive science, a multiple-discipline field, is the systematic inquiry into human thinking. The detailed findings of this new field tell us, says the preface, that the scientific study of how our minds function should enable us to use them far



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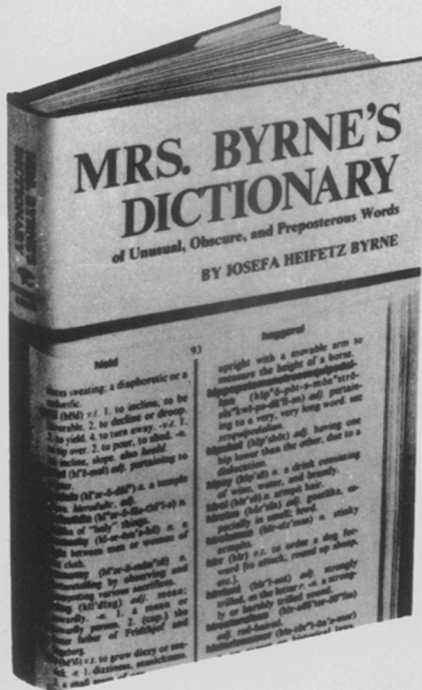
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more effectively than we now do. Written for the general reader, this book reports research in such areas as memory and forgetting, conception formation, logical reasoning, inferential reasoning and problem-solving. Involves the reader in mental exercises throughout the book. S&S, 1982, 415 p., illus., \$18.75. [17]

WINDOWS ON THE MIND: Reflections on the Physical Basis of Consciousness — Erich Harth. The author indicates in the introduction that the book deals with the question, "What kind of a thing is man?" It is from three classes of things we must distinguish ourselves: the natural inanimate object, the machine and our nearest relatives in the animal kingdom. Examines the brain and its functions, the nervous system with its pathways and the mind, related, where possible, to the physical system. Morrow, 285 p., illus., \$15.50. [18]

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