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Anatomy of a Scientific Discovery — Jeff Goldberg. Recounts the discovery of endorphins, natural opiates produced in the brain, and the international race to discover their chemical composition that followed. Discloses the drama behind this scientific breakthrough and reveals the human side of modern science. Bantam, 1988, 228 p., \$17.95.

The Animal Trail: Four Seasons of Wildlife Photography — Manabu Miyazaki. This nature photographer set up a camera with an infrared sensor for a shutter release. Thus he was able to get beautiful color photographs of animals in their natural surroundings, unaffected by a human photographer. Over a period of four seasons the camera photographed more than a dozen different kinds of animals native to the Japanese Alps, such as monkeys, raccoon dogs, civets, badgers and hares. Chronicle Bks, 1988, 66 p., color illus., paper, \$12.95.

Annual Review of Biophysics and Biophysical Chemistry, Vol. 17 — Donald M. Engelman, Ed. The 23 articles cover such areas as the flexibility of DNA, myosins of nonmuscle cells and the forces that move chromosomes in mitosis. Annual Reviews, 1988, 592 p., illus., \$49.

Annual Review of Pharmacology and Toxicology, Vol. 28 — Robert George and Ronald Okun, Eds. The prefatory chapter covers the life and work of Julius Axelrod. Other articles include "Recent Advances in Blood-Brain Barrier Transport" and "Chemotherapy of Leprosy." Annual Reviews, 1988, 504 p., illus., \$34.

Coming of Age in the Milky Way — Timothy Ferris. Tells the story of how, through the workings of science, our species has arrived at its current understanding of the dimensions of cosmic space and time. Moving from late prehistoric time to today's theories of spacetime, this astronomer/science writer presents in language for the general reader the works of scores of thinkers ranging from Plato and Aristotle to Richard Feynman and Stephen Hawking. Morrow, 1988, 495 p., illus., \$19.95.

In Search of Nautilus: Three Centuries of Scientific Adventures in the Deep Pacific to Capture a Prehistoric-Living-Fossil — Peter Douglas Ward. With its coiled, perfectly curved, multichambered shell and its ability to float and sink at varying depths, the nautilus has fascinated scientists and artists for centuries. In this New York Academy of Sciences book, an internationally recognized authority on the nautilus describes attempts over the years to understand this mysterious creature. Tells of his dozens of trips to the South Pacific to study the nautilus and the discoveries made on these expeditions. S&S, 1988, 238 p., illus., \$19.95.

The Kookaburras' Song: Exploring Animal Behavior in Australia — John Alcock. This is a travel book, says zoologist Alcock, "not transcontinental, but biological, a trip to investigate what is worth wondering about in the lives of kookaburras and kangaroos" and other unusual Australian wildlife. Raises interesting questions about physical and behavioral characteristics of certain mammals, birds and insects in this isolated environment. U of Ariz Pr, 1988, 218 p., illus. with line drawings by Marilyn Hoff Stewart, \$19.95.

Yangtze: Nature, History and the River — Lyman P. Van Slyke. China's Yangtze River stretches nearly 4,000 miles from the Tibet-Chinghai Plateau to the East China Sea. Here, a Stanford history professor tells of the geography and geology of this mighty river. Shows how the Yangtze has been the setting and the catalyst for many events and movements in Chinese history. Addison-Wesley, 1988, 211 p., illus., \$14.95.

Your Hyperactive Child: A Parents' Guide to Coping with Attention Deficit Disorder — Barbara Ingersoll, foreword by Judith L. Rapoport and Alan J. Zemetkin. Summarizes, according to the foreword, the state of the art in the field of attention-deficit hyperactivity disorder, the term now adopted by the American Psychiatric Association to describe hyperactivity. Presents for parents and teachers the biological, psychological and social aspects of this problem. Doubleday, 1988, 219 p., paper, \$7.95.

The Invention of Memory

A New View of the Brain

By Israel Rosenfield

"A remarkable synthesis of the most important developments in neurobiology today." — OLIVER SACKS, M.D., author of *The Man Who Mistook His Wife for a Hat*

Is everything we know about the world stored in our brains like data in a computer? In *The Invention of Memory*, Rosenfield challenges the age-old assumption that we remember people, places and things only because records of them have been permanently stored in our brains like data in a computer. What is at stake is more than the nature of memory. Because if memories are not the fixed images that tradition and common sense have led us to believe they are, we must revise our whole understanding of the nature of thought and action and their biological bases in the functioning of the brain.

— from the publisher

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