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Annual Review of Astronomy and Astrophysics, Vol. 26 — Geoffrey Burbidge, Ed. Chapters include "A Postcounter View of Comets," "Supernovae and Supernova Remnants," "Recent Advances in Optical Astrometry" and "The Luminosity Function of Galaxies." Annual Reviews, 1988, 703 p., charts & graphs, hardcover, \$47.00.

The Brain of Robert Frost: A Cognitive Approach to Literature — Norman N. Holland. "This is not a book about Robert Frost," states the preface. "... [It] draws on brain research and cognitive psychology to model the way we ... create and respond to literature." This literary theorist takes the general reader through new ideas in brain research, then compares Frost, as writer and reader, with others, to illustrate a new way of thinking about literary criticism and teaching. Routledge, Chapman and Hall, 1988, 200 p., hardcover, \$35.00, paper, \$12.95.

Honey Hunters of Nepal — Eric Valli and Diane Summers. The story of the vanishing custom of gathering honey and wax from the hives of wild giant black bees in the steep cliffs of the Himalayan foothills. Eighty-five large-format full-color photographs introduced by a brief text illuminate this unusual practice and the people of this region. Abrams, 1988, 104 p., paper, \$29.95.

The Investigative Enterprise: Experimental Physiology in Nineteenth-Century Medicine — William Coleman and Frederic L. Holmes, Eds. Follows the emergence of the field of physiology as a distinct arena of natural science, the formation of institutes for its study and the explosion in scientific resources and instruments that it spurred. Seven contributors each focus on a world-famous institution developed especially for physiological research. U of Cal Pr, 1988, 342 p., hardcover, \$39.95.

Neighbors to the Birds: A History of Birdwatching in America — Felton Gibbons and Deborah Strom. Summarizes movements in birding and focuses on studies of birding's early leaders, such as Alexander Wilson, John James Audubon and John Muir. Historical photographs enhance the text. Closing chapters address the literature, artists and paraphernalia of birding. Norton, 1988, 364 p., illus., hardcover, \$18.95.

Planets & Perception: Telescopic Views and Interpretations, 1609-1909 — William Sheehan. A systematic analysis of the perceptual and cognitive factors that go into the initial structuring of a planetary image and its subsequent elaboration. Describes what early astronomers such as Galileo, Schiaparelli and Lowell used as reference in addition to their telescopes, and how optics, atmospheric interference, philosophical prejudice and psychological processes influence observations. Sheehan focuses on the discovery of "canals" on Mars to point out how many respected scientists could observe in great detail things that are not there. U of Ariz Pr, 1988, 324 p., illus, hardcover, \$35.00.

Secrets of the Old Growth Forest — David Kelly and Gary Braasch. Breathtaking photographs detail the flora and fauna of this forest in the Pacific Northwest, where, according to the author, "redwoods, Douglas firs, spruce, cedars and pines grow to more than 1,000 years of age and collectively create the most massive forest on earth, exceeding even the tropical forests." The forest is being destroyed by logging at a time when scientists are just beginning to understand some of the interactions that have allowed it to sustain growth for so long. Gibbs M Smith, 1988, 99 p., color illus., hardcover, \$29.95.

There is no Zoo in Zoology and Other Beastly Mispronunciations: An Opinionated Guide for the Well Spoken — Charles Harrington Elster. A guide to more than 400 words that are mispronounced "not only by John Doe but by a great number of well-educated, well-read, professional and prominent people as well." The historical how, and the author's well-researched why, of such words as finis, loath, victuals and tortuous. Collier, 1989, 182 p., hardcover, \$19.95, paper, \$7.95.

The World of the Newborn — Daphne Maurer and Charles Maurer. A psychologist and a science writer review the current scientific literature on infancy. The book attempts to convey what it feels like to be alive during the first one or two years. What does the fetus sense in the womb? Does the infant learn at all during the long sleep periods? What do babies hear, see, taste and smell? Basic, 1988, 292 p., illus., hardcover, \$20.95.

Archaeology & Language

The Puzzle of Indo-European Origins

By Colin Renfrew

"... Renfrew is adept at challenging orthodoxies ... lively and lucid ... the book deserves a wide readership among specialists and non-specialists alike ... a daring thesis ... it is an attempt to move archaeology forward and to break its isolation." — Richard Bradley, *Nature*



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RB1007

Renfrew points out new links between archaeology and language, looking at the puzzling similarities that are apparent across the Indo-European family of ancient languages, from Anatolia and Ancient Persia, across Europe and the Indian subcontinent, to regions as remote as Sinkiang in China. He initiates an original synthesis between modern historical linguistics and the new archaeology of cultural process, and questions language origins and what they imply about ethnic affiliation — issues seriously discredited by the racial theorists of the 1920s and 1930s and largely neglected since. He comes to a new and persuasive conclusion: that primitive forms of the Indo-European language were spoken across Europe some thousands of years earlier than has previously been assumed. There was, in particular, no "coming of the Celts", but rather a parallel development of Celtic-speaking peoples in much the same areas in which they are found today. In all likelihood, as Renfrew shows, the indigenous roots of the peoples of Europe lie deeper in the mists of time than anyone has ever imagined.

— from the publisher



Cambridge Univ. Press, 1987, 346 pages, 9 1/2" x 6 1/2", hardcover, \$29.95. ISBN 0-521-35432-3