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Birding by Ear: A Guide to Bird-Song Identification — Richard K. Walton and Robert W. Lawson, foreword by Roger Tory Peterson. Three cassette tapes accompany a booklet showing a line drawing of each bird and briefly describing its habitat and voice characteristics. Eighty-five common species are grouped by their audio similarity into seven learning categories, such as "whistlers," "chippers and trillers" and "name-sayers." Good for the beginning birder or the advanced visual birder. HM, 1989, three cassette tapes, 48-page booklet, paperback, \$35.00.

Horse Sense: A Complete Guide to Horse Selection and Care — John J. Mettler Jr. Written for inexperienced horse owners as well as experienced owners who wish to understand horses better. The book describes routine medical care, first aid, breeding a mare, what to look for when buying a horse, and more. Storey Comm Inc, 1989, 148 p., illus., paperback, \$9.95.

Horsewatching — Desmond Morris. The author of *Catwatching* and *Dogwatching* presents horse lore plus questions and answers about equine physiology and behavior. Originally published in Great Britain in 1988. Crown, 1989, 150 p., illus., hardcover, \$12.95.

The Materials Revolution: Superconductors, New Materials and the Japanese Challenge — Tom Forester, Ed. A collection of articles written for the general reader, describing the current revolution in materials science and its social and economic impact. Find out what can be called a superconductor; the new types of ceramics, plastics and fabrics; and what has been discovered about optical fibers, critical materials, seabed materials and materials processing in space. The articles offer an overview of the future, past and present of materials technology in the United States and abroad. MIT Pr, 1988, 395 p., charts & graphs, paperback, \$16.95.

The Moon Observer's Handbook — Fred W. Price. A well-written guide to help the serious amateur moon-watcher observe effectively, record observations accurately and, where possible, make contributions of scientific value. The author stresses that huge commercial telescopes and even orbiting spacecraft cannot catch every lunar feature under every possible condition, and that accurate amateurs can contribute significantly to lunar knowledge. Cambridge, 1988, 309 p., illus., hardcover, \$34.50.

Origins: The Darwin College Lectures — A. C. Fabian, Ed. Beginning with an essay by Martin Rees on the Big Bang theory, this collection of writings by distinguished scientists proceeds through the beginnings of the solar system and the origins of complexity, to the evolution of humans, social behavior, society and language. Cambridge, 1988, 168 p., illus., hardcover, \$19.95.

Science à la Mode: Physical Fashions and Fictions — Tony Rothman. A collection of witty and wise nontechnical essays explaining why the bandwagon effect is so strong in science and suggesting how to recognize it. One cause this science writer implicates is the "indeterminacy" of branches such as cosmology. When definitive experimental tests of theories are slow in coming, "... you can calculate to your heart's content without fear of being proved wrong in the near future," Rothman writes. In other words, it's easy to latch on to some theory just because it's the only one around. He points to the scientific ego as another culprit: "The best scientists are Peter Pans ... but the naiveté which accompanies perpetual youth ... can leave large blind spots when it comes to personal matters." These scientists, he says, are genuinely convinced of their merit, often sparing the technical details that ensure accuracy. The author urges the reader to view scientific claims with as much skepticism as claims by a consumer advocate or literary critic, and to let a bandwagon or two roll on by. Princeton U Pr, 1989, 207 p., illus., hardcover, \$19.95.

35 Garden Blueprints: Beautiful Possibilities for Designing Your Garden — Maggie Oster. Presents the herb, French, ornamental grass and dry gardens you've always wanted, along with 31 other garden styles. For each type of garden, the author gives a brief history, list of plants and their quantities, scale blueprint and color drawing. S&S, 1989, 96 p., illus., hardcover, \$14.95.

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