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By William J. Weber, D.V.M.



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Cosmic Ecology: The View from the Outside In — George A. Seielstad. To pinpoint for the general reader our place in the universe, this astronomer investigates the expanse of space from the very large to the very small and links the very distant past with the present and the future. Seielstad feels we have reached a critical moment in human evolution and he maintains that the present generation must forge a new type of evolution that is "participatory and collective." Each chapter concludes with a list for further reading. U of Cal Pr, 1983, 169 p., color/b&w illus., \$24.95.

Costa Rican Natural History — Daniel H. Janzen, Ed. 174 authors contributed to this book that has just been chosen by the Professional and Scholarly Publishing Division of the Association of American Publishers as the outstanding technical, scientific or medical book of 1983. U of Chicago Pr. 1983, 816 p., illus., \$50, paper, \$30.

The Discovery of Subatomic Particles — Steven Weinberg. The discovery of the fundamental particles — the electron, the proton and the neutron—that make up ordinary atoms. Written for readers who may not be familiar with classical physics but who are willing to pick up enough of it as they go along to be able to understand the "rich tangle of ideas and experiments that make up the history of 20th century physics." The necessary background is provided in a number of "flashback" sections that are inserted to allow the reader to understand the next point in the history. Sci Am Lib (W H Freeman), 1983, 206 p., illus., \$27.95.

Fossils for Amateurs: A Guide to Collecting and Preparing Invertebrate Fossils—Russell P. MacFall and Jay Wollin. A complete guide for the amateur fossil collector. Discusses the nature and naming of fossils, fossils and their families, and relative and absolute time. Tells where fossils occur, where to look for them and how to use topographic and geologic maps. Gives practical field trip tips. Describes fossil preparation and cleaning, cataloging and displaying. Includes state maps showing fossil areas, fossil information sources by state and recommended books and journals. Van Nos Reinhold, 2nd ed., 1983, 374 p., illus., \$18.50, paper, \$12.50.

The Scented Garden — Rosemary Verey. Beautifully illustrated text shows how to choose, grow and use plants that give off fragrance. Originally published in Great Britain in 1981. Van Nos Reinhold, 1983, 168 p., color/b&w illus., paper, \$15.50.

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