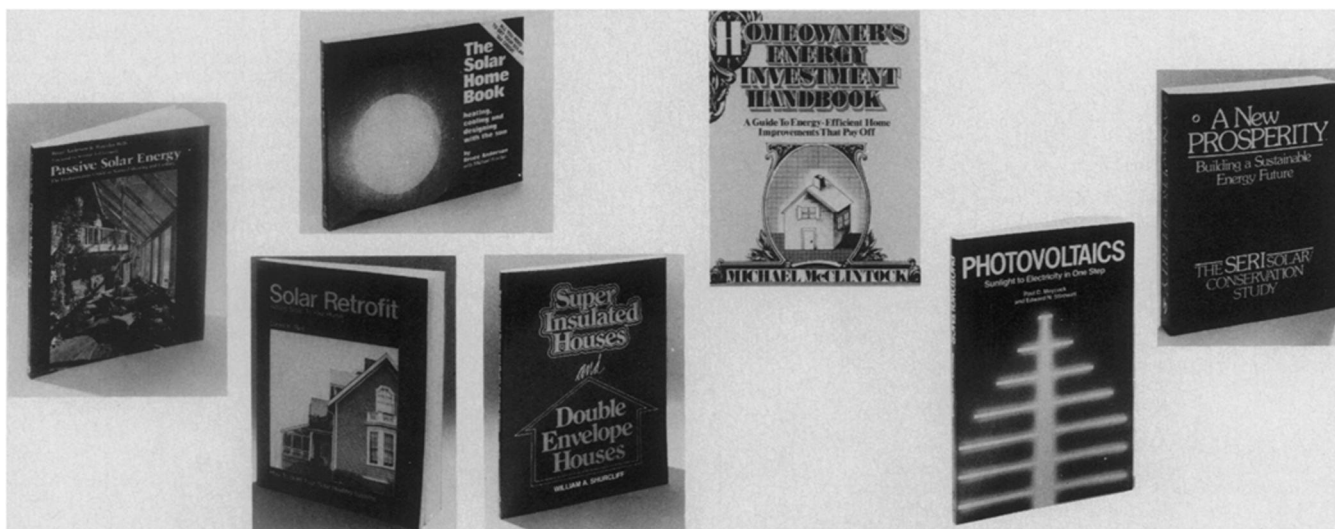


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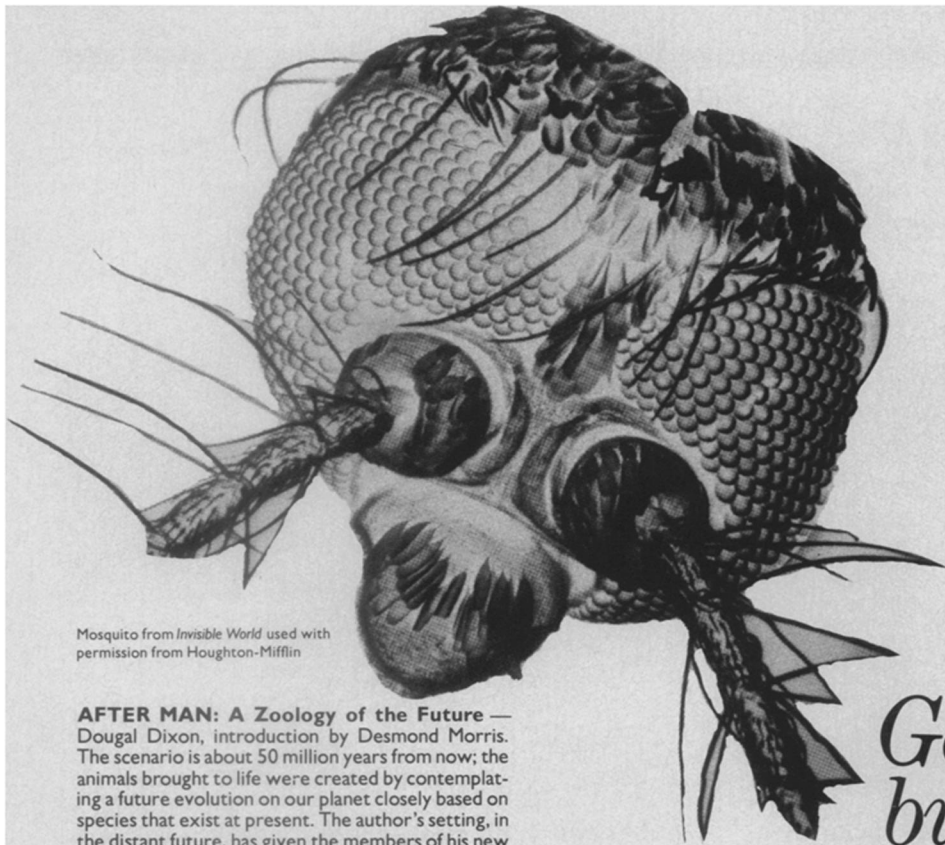
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**AFTER MAN: A Zoology of the Future** — Dougal Dixon, introduction by Desmond Morris. The scenario is about 50 million years from now; the animals brought to life were created by contemplating a future evolution on our planet closely based on species that exist at present. The author's setting, in the distant future, has given the members of his new animal kingdom time to undergo dramatic changes in structure and behavior. Morris in the introduction indicates that Dixon has "created his animals so painstakingly that each kind of animal teaches an important lesson about the known processes of past evolution — adaptation and specialization, convergence and radiation." St. Martin, 1981, 124 p., color/b&w illus., \$14.95. [1]

**ATLAS OF MEDICAL ANATOMY** — Jan Langman and M. W. Woerdeman. Magnificent drawings portray three-dimensional views of the muscle and bone structure, organ systems, the brain and the blood system. The text explains the clinical application of the anatomical knowledge. For the health-conscious person and students of medicine and dentistry. Saunders Pr(HR&W), 1982, 523 p., color/b&w illus., paper, \$14.95. [2]

**DEPRESSION: The Facts** — George Winokur. Describes depression as an illness, discusses causative factors, its management and specific treatment. Intended for those who suffer from depression and their families as well as family practitioners, hospital doctors and social workers. Oxford U Pr, 1981, 166 p., \$11.95. [3]

**DISCOVERY: The Search for DNA's Secrets** — Mahlon Hoagland. A leading molecular biologist tells for the general reader "science's most incredible story" — the discovery of the gene and how it works. Conveys the excitement and the process of science. HM, 1981, 198 p., illus., \$10.95. [4]

**THE DNA STORY: A Documentary History of Gene Cloning** — James D. Watson and John Tooze. A history of the recombinant DNA regulation debate. Expresses the concerns of scientists researching in the field, the public's and the press's reaction to a science area that evokes both hope and fear as well as governments' reactions — federal, state and local. W H Freeman, 1981, 605 p., color/b&w illus., \$24.95. [5]

**FERNS: A Natural History** — Edward Frankel. The ferns and fern allies, the pteridophytes, had their beginnings in the distant geological past and for over a hundred million years dominated the plant world. This book presents the story of the ferns, tells how to know and grow ferns, describes evolution, structure and modes of reproduction of the ferns. Considers the environmental impact and the problems created by pteridophyte fossil remains, coal. Energy alternatives are discussed. Greene, 1981, 264 p., illus. by Edgar M. Paulton, \$17.50. [6]

**A FIELD GUIDE TO THE ATMOSPHERE** — Vincent J. Schaefer and John A. Day. Provides the information for recognizing and identifying and also understanding and interpreting what can be seen, felt and measured in the dynamic ocean of air that surrounds the earth. For the amateur weather forecaster and anyone who wants to learn more about clouds, winds, precipitation, air pressure and other atmospheric phenomena. HM, 1981, The Peterson Field Guide Series No. 26, 359 p., illus., \$13.95. [7]

**THE ILLUSTRATED ENCYCLOPEDIA OF SPACE TECHNOLOGY: A Comprehensive History of Space Exploration** — Kenneth Gatland, foreword by Arthur C. Clarke. This beautifully illustrated book traces the history of space travel from the 1880s to the 1980s then looks to the future and discusses such concepts as satellite solar power stations and space colonies. Special features include a space diary, fold-out pages illustrating launch vehicles, Salyut and Skylab and a chart with detailed information on the world's space launch vehicles. Crown, 1981, 289 p., color/b&w illus., \$24.95. [8]

**THE INVISIBLE WORLD: Sights Too Fast, Too Slow, Too Far, Too Small for the Naked Eye to See** — Alex Pomasanoff. With cameras attached to microscopes, telescopes, strobe lights, radiation detectors, sights beyond the limits of the naked eye are revealed. This book with its magnificent photographs is a visual journey into the invisible world. HM, 1981, 160 p., color/b&w illus., \$25. [9]

**LIFE BEYOND EARTH: The Intelligent Earthling's Guide to Life in the Universe** — Gerald Feinberg and Robert Shapiro. A physicist and a biochemist use what is known about life on earth to infer essential features that any form of life must possess. They then investigate how these general features might express themselves in the specific environments that are found in various parts of the universe. Morrow, 1980, 464 p., illus., \$17.95, paper, \$9.95. [10]

**THE MIND'S I: Fantasies and Reflections on Self and Soul** — Douglas R. Hofstadter and Daniel C. Dennett. Explores the meaning of self and consciousness through the perspectives of literature, artificial intelligence, psychology and other disciplines. This book, according to the preface, "is designed to provoke, disturb and befuddle its readers, to make the obvious strange and the strange obvious." Basic, 1981, 501 p., illus., \$16.30. [11]

**100 FAMILIES OF FLOWERING PLANTS** — Michael Hickey and Clive King, foreword by S. M. Walters. Each of the 100 families is considered as a whole — its world distribution, general characteristics, principal economics and ornamental plants. The book also considers a typical representative of the family. Beautiful line drawings. Cambridge U Pr, 1981, 567 p., illus., \$66, paper, \$19.95. [12]

**OUTLOOK FOR SCIENCE AND TECHNOLOGY: The Next Five Years** — National Research Council. Builds on the first outlook report (1979). Prepared for the National Science Foundation, this report considers topics ranging from ecology to nutrition, chemical synthesis to fuel science, mathematics to industrial research. W H Freeman, 1982, 788 p., illus., \$24.95, paper, \$15.95. [13]

**SEEDS OF DISCOVERY** — W. I. B. Beveridge. A readable book about scientific discovery — the non-technical aspects of research, the mental procedures that lead to discoveries. Discusses the creative process and ways of thinking, the role of chance, the test of time, science as enterprise, learning the art of research and characteristics that seem to be common to the exceptionally productive scientists. Norton, 1981, 130 p., illus., \$12.95. [14]

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**THE SELF-SUFFICIENT HOUSE** — Frank Coffee. Tells what you can do and buy to make your home more independent of outside systems. HR&W, 1981, 213 p., illus., \$17.95, paper, \$9.95. [15]

**SMALL IS POSSIBLE** — George McRobie, foreword by Verena Schumacher. An account of what is being done by the appropriate technology group set up by E. F. Schumacher and its counterpart organizations in developing countries, together with a description of the alternative technology movement in Britain, the United States and Canada. Shows that in most every branch of human activity, in rich and poor countries alike, it is possible to create life-styles and technologies at low cost that are sparing in their use of resources. Har-Row, 1981, 331 p., \$14.95, paper, \$5.95. [16]

**WHAT PSYCHOLOGY KNOWS THAT EVERYONE SHOULD** — Daniel Goleman and Jonathan Freedman. A collection of some of the more important and interesting findings of modern psychology. Written for the general reader to show how fascinating psychology can be and some of the things it tells us about ourselves. Lewis Pub (Greene), 1981, 270 p., illus. by Al Jaffee, \$12.95. [17]