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CREATION SCIENTISTS



Book Talk



From *Astronomy of the Ancients*, Brecher and Feirtag, Eds., reprinted with permission of MIT Press.

THE AGE OF BIRDS—Alan Feduccia. Traces for the general reader the evolution of birds from their emergence in the Age of Reptiles to their endless variety today. Some new ideas about bird evolution are presented. Beautifully illustrated. Harvard U Pr, 1980, 196 p., illus., \$20. [1]

ANOREXIA NERVOSA: A Guide for Sufferers and their Families—R. L. Palmer. Discusses the causes, symptoms and treatment of anorexia nervosa and presents some of the problems that are encountered in trying to understand this disorder. Originally published in England in 1980. Penguin, 1981, 156 p., illus., \$3.95. [2]

THE ARCHIVES OF EBLA: An Empire Inscribed in Clay—Giovanni Pettinato, afterword by Mitchell Dahood. The most important find at Ebla was the well-preserved royal library containing some 20,000 clay tables and fragments. Inscribed on the clay are the records of its alliances, wars, treaties, its social classes and its economy. The author was the official epigrapher during the expedition. Doubleday, 1981, 347 p., illus., \$15.95. [3]

ASTRONOMY OF THE ANCIENTS—Kenneth Brecher and Michael Feirtag, Eds. Philip Morrison in the introduction indicates that this is a reconstruction of the past of the human mind, using all the evidence we have—text, myth and space—but with a difference. The difference is that in astronomy phenomena can be invoked today to challenge or to support the inferences of the archaeologist, historian or mythologist. MIT Pr, 1979, 206 p., illus., \$15, paper, 1981, \$7.95. [4]

BUILDING A SUSTAINABLE SOCIETY—Lester R. Brown. Describes the essential character of a sustainable society in order to provide a sense of direction for planners and policymakers. Norton, 1981, 433 p., \$14.95. [5]

THE COLOR ATLAS OF HUMAN ANATOMY—Vania Vannini and Giuliano Pogliani, Eds., translated and revised by Richard T. Jolly. Demonstrates with text, drawings, diagrams and photographs the complex wonders of our bodies. Helps to make clear to the general reader how muscles and nerves function, the course of food through the body and the other aspects of the ordinary yet miraculous body mechanics and chemistry that govern everyday existence. Crown, 1981, 107 p., color/b&w illus., paper, \$6.98. [6]

THE EVOLUTION OF HUMAN SEXUALITY—Donald Symons. Examines the differences between men and women. Our behavioral patterns, the author believes, were laid down in the hunter/gatherer stage of human existence with reproduction success the key to the evolution of human sexuality. Oxford U Pr, 1979, 358 p., \$19.95, paper, 1981, \$6.95. [7]

THE FIRST STARGAZERS: An Introduction to the Origins of Astronomy—James Cornwell. This is a book about discovery: how ancient man discovered the sky, how archaeoastronomers, in turn, are discovering the unwritten record of the early scientific achievements and, finally, how this record may help all of us discover something about ourselves. Scribner, 1981, 262 p., illus., \$15.95. [8]

GALILEO AT WORK: His Scientific Biography—Stillman Drake. A biography, based on original sources only, that fully covers Galileo's scientific career and touches on other aspects of his life. U of Chicago, 1978, 536 p., illus., \$25, paper, 1981, \$9.95. [9]

THE HEALTHY ADOLESCENT: A Parents' Manual—Barry Louton and Arthur S. Freese. Describes the biological and chemical changes that the adolescent experiences. Shows how growth patterns are often uneven and how physical and sexual maturation leads to stresses and dangers that are all too often compounded by ignorance. Gives extensive medical information and advice about sex, including contraception, pregnancy and venereal disease. Scribner, 1981, 214 p., \$11.95. [10]

AN ILLUSTRATED MANUAL OF PACIFIC COAST TREES—Howard E. McMinn and Evelyn Maino. Includes the native trees growing within California, Oregon, Washington and British Columbia together with about 400 introduced species and varieties. One section by H. W. Shepherd lists trees recommended for various uses on the Pacific Coast. U of Cal Pr, 2nd ed., 1980, 413 p., illus., \$12.95, paper, 1981, \$6.95. [11]

IT'S ALL RELATIVE: Einstein's Theory of Relativity—Necia H. Apfel. A simple science book that explains the basic principles of Einstein's theory. Using word pictures and illustrations that greatly enhance the text, the author presents such concepts as the relationship between space and time, gravitation and acceleration, the bending of light, black

holes and the curvature of space. Lothrop, 1981, 141 p., illus., diagrams by Yukio Kondo, \$9.95. [12]

THE MAPMAKERS—John Noble Wilford. The story of how earth and then earth's nearest neighbor came to be mapped. The story has many characters: scholars and scientists, soldiers and sea captains, explorers and adventurers, monks and clockmakers, to name a few. The first two parts of the book are devoted to the achievements of cartography and geodesy prior to the 20th century. The rest of the book focuses on the 20th century, a time of new technologies, when so much that was once thought unmappable has come to be mapped. Knopf, 1981, 414 p., illus., \$20. [13]

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., \$15.50. [14]

PRACTICAL ASTRONOMY WITH YOUR CALCULATOR—Peter Duffett-Smith. For the amateur astronomer who wishes to predict future astronomical events, such as the position of an astronomical object as a particular time, and has a modest scientific pocket calculator. The steps necessary for the solution of the problems are outlined in detail. Cambridge U Pr, 2nd ed., 1981, 188 p., illus., \$29.50, paper, \$9.95. [15]

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., \$17.50, paper, \$9.95. [16]

THE SILENT INTRUDER: Surviving the Radiation Age—Charles Panati and Michael Hudson. Radiation has given us life-saving X-rays and modern conveniences like microwave ovens, CB radios and television. Radiation can also maim and kill, cause cancer in us and birth defects in our children. Discusses radiation as a major health hazard and indicates that it will become, if unchecked, the primary pollutant in our lifetime. Points up measures for achieving delicate balance between the wise use and reckless abuse of radiation. HM, 1981, 208 p., \$9.95. [17]

THE SMALL COMPUTER IN SMALL BUSINESS—Brian R. Smith. "A computer is a complex electronic and mechanical device that requires a commitment of time and effort on the part of those who would benefit from what it can do." This book was written as a primer for business personnel who want to gain basic knowledge in order to deal intelligently with computer vendors. Greene, 1981, 143 p., illus., \$12.50. [18]

ULTIMATE RESOURCE—Julian L. Simon. An economist "demonstrates" that natural resources are not finite in any meaningful way, and that using such resources now will not slow the rate of future economic growth. Princeton U Pr, 1981, 415 p., illus., \$14.50. [19]

THE WILD EDGE: Life and Lore of the Great Atlantic Beaches—Philip Kopper. Describes "a ribbon of a region running from the pug nose of Maine to the sandy underbelly of the Outer Banks." Part horizontal field guide, part anthology of the natural sciences, it surveys the many constituent parts of the beach for the beach stroller and the serious student. Originally published in hardback by Times Books in 1979. Penguin, 1981, 280 p., illus. by Anne E. Lacy, paper, \$6.95. [20]

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Introducing the Sinclair ZX81

If you're ever going to buy a personal computer, now is the time to do it.

The new Sinclair ZX81 is the most powerful, yet easy-to-use computer ever offered for anywhere near the price: only \$149.95* completely assembled.

Don't let the price fool you. The ZX81 has just about everything you could ask for in a personal computer.

A breakthrough in personal computers

The ZX81 is a major advance over the original Sinclair ZX80—the world's largest selling personal computer and the first for under \$200.

In fact, the ZX81's new 8K Extended BASIC offers features found only on computers costing two or three times as much.

Just look at what you get:

- Continuous display, including moving graphics
- Multi-dimensional string and numerical arrays

*Plus shipping and handling. Price includes connectors for TV and cassette, AC adaptor, and FREE manual.

- Mathematical and scientific functions accurate to 8 decimal places
- Unique one-touch entry of key words like PRINT, RUN and LIST
- Automatic syntax error detection and easy editing
- Randomize function useful for both games and serious applications
- Built-in interface for ZX Printer
- 1K of memory expandable to 16K

The ZX81 is also very convenient to use. It hooks up to any television set to produce a clear 32-column by 24-line display. And you can use a regular cassette recorder to store and recall programs by name.

If you already own a ZX80

The 8K Extended BASIC chip used in the ZX81 is available as a plug-in replacement for your ZX80 for only \$39.95, plus shipping and handling—complete with new keyboard overlay and the ZX81 manual.

So in just a few minutes, with no special skills or tools required, you can upgrade your ZX80 to have all the powerful features of the ZX81. (You'll have everything except continuous display, but you can still use the PAUSE and SCROLL commands to get moving graphics.)

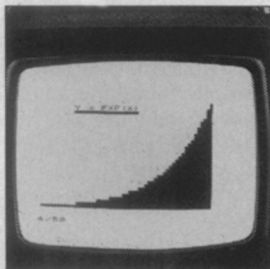
With the 8K BASIC chip, your ZX80 will also be equipped to use the ZX Printer and Sinclair software.

Order at no risk**

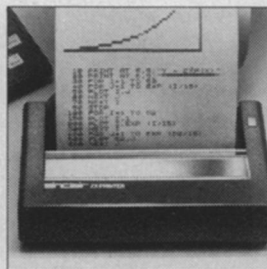
We'll give you 10 days to try out the ZX81. If you're not completely satisfied, just return it to Sinclair Research and we'll give you a full refund.

And if you have a problem with your ZX81, send it to Sinclair Research within 90 days and we'll repair or replace it at no charge.

**Does not apply to ZX81 kits.



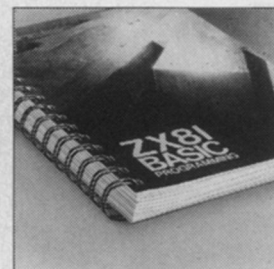
NEW SOFTWARE: Sinclair has published pre-recorded programs on cassettes for your ZX81, or ZX80 with 8K BASIC. We're constantly coming out with new programs, so we'll send you our latest software catalog with your computer.



ZX PRINTER: The Sinclair ZX Printer will work with your ZX81, or ZX80 with 8K BASIC. It will be available in the near future and will cost less than \$100.



16K MEMORY MODULE: Like any powerful, full fledged computer, the ZX81 is expandable. Sinclair's 16K memory module plugs right onto the back of your ZX81 (or ZX80, with or without 8K BASIC). Cost is \$99.95, plus shipping and handling.



ZX81 MANUAL: The ZX81 comes with a comprehensive 164-page programming guide and operating manual designed for both beginners and experienced computer users. A \$10.95 value, it's yours free with the ZX81.

The \$99⁹⁵ personal computer.

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If you really want to save money, and you enjoy building electronic kits, you can order the ZX81 in kit form for the incredible price of just \$99.95*. It's the same, full-featured computer, only you put it together yourself. We'll send complete, easy-to-follow instructions on how you can assemble your ZX81 in just a few hours. All you have to supply is the soldering iron.

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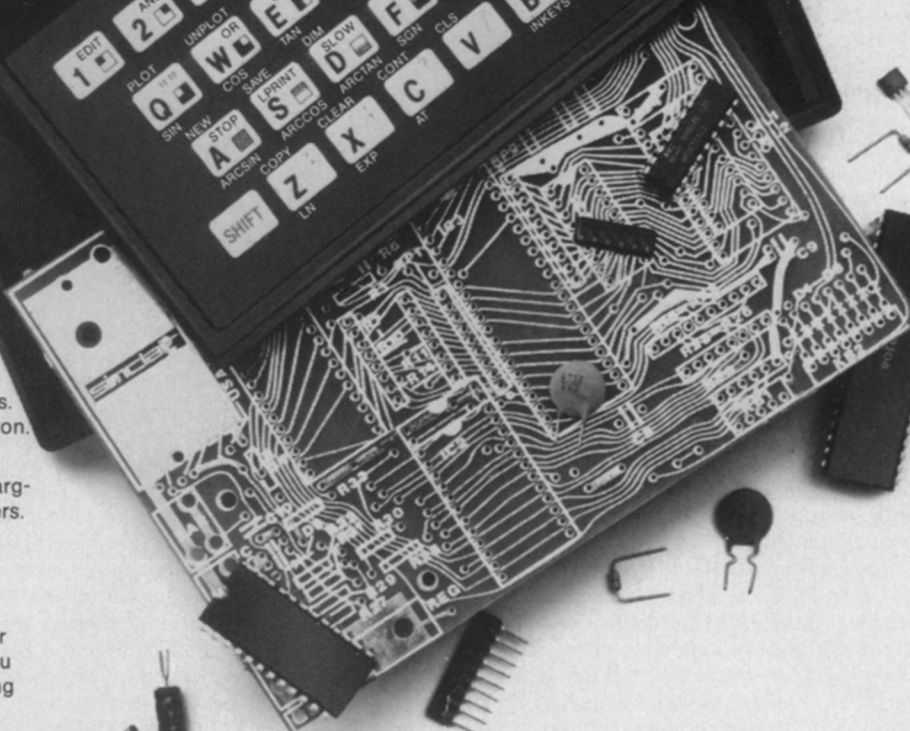
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These numbers are for orders only. For information, you must write to Sinclair Research Ltd., 2 Sinclair Plaza, Nashua, NH 03061.

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ZX81	\$149.95		
ZX81 Kit	99.95		
8K BASIC chip (for ZX80)	39.95		
16K Memory Module (for ZX81 or ZX80)	99.95		
Shipping and Handling	4.95		\$4.95
TOTAL			

MAIL TO: Sinclair Research Ltd., One Sinclair Plaza, Nashua, NH 03061.

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