

Books

Books is an editorial service for readers' information. To order any book listed or any U.S. book in print please remit retail price, plus \$1.00 handling charge for each book, to **Science News Books**, 1719 N Street, NW, Washington, DC 20036. All books sent postpaid. Domestic orders only.

Beyond the Green Revolution: New Approaches for Third World Agriculture — Edward C. Wolf. Some 230 million rural households in Africa, Asia and Latin America that never shared in the "green revolution," which brought increased harvests to many parts of the world, hold the key to future increases in world food production, according to this new Worldwatch study. Biotechnologies joined with consideration for traditional farming methods may make it possible to raise yields and reduce the chance of crop failure due to erratic rainfall and infertile soils. Worldwatch Inst, 1986, 46 p., paper, \$4.

Dirt — John Anthony Adams. An introduction to soils for the general reader, whether gardener or nongardener. Many aspects are covered here, including the origins of soils, how land plants and animals changed the nature of earth's primitive soils, what causes decay in soils and what happens in a compost pile, the nutrients that plants must get from the soil and the use of fertilizers and soil water. The diverse ways that soil is worn away, the threat of erosion to U.S. farmland, the history of the plow, soil classification, unusual soils and soil acidity are all discussed in this brief but fascinating book on soil science. Tex A&M Univ Pr, 1986, 160 p., illus. by Jean Adams, \$19.95, paper, \$11.95.

Explorers of the Black Box: The Search for the Cellular Basis of Memory — Susan Allport. Tells of the current research and the scientists working in this area of neuroscience. Provides background history of brain research leading to the work now in progress. What is known about how brains work and how science works are the themes of this readable book. Norton, 1986, 271 p., \$17.95.

From Site to Sight: Anthropology, Photography, and the Power of Imagery — Melissa Banta and Curtis M. Hinsley. This book is based on a photographic exhibition from the collections of the Peabody Museum of Archaeology and Ethnology and the Department of Anthropology, Harvard University. The exhibition illustrates the role of photographic imagery in anthropology from the discipline's formative years to the present. Peabody Harvard (Harvard U Pr), 1986, 136 p., color/b&w illus., paper, \$30.

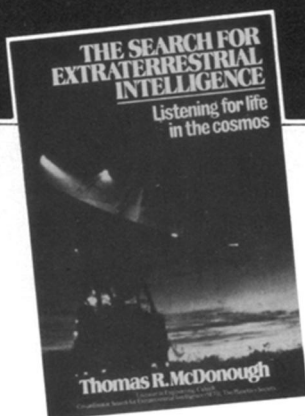
Mammal Evolution: An Illustrated Guide — R.J.G. Savage. The life history of mammals begins some 220 million years ago, when mammals first appeared on earth. Tells how mammals compare with other animals, how they become fossilized, how scientists use fossil bones to determine an extinct animal's appearance and how reptiles evolved into the first mammals. The mammals are then grouped and discussed primarily on the basis of how they feed. A chapter is devoted to the evolution of mammals on island continents. Extensive illustrations in color and black-and-white enhance the text. Facts on File, 1986, 259 p., illus. by M.R. Long, \$35.

STDs — Sexually Transmitted Diseases: What You Should Know and How to Protect Yourself — Stephen H. Zinner. Discusses the means by which these diseases are transmitted, the expectations for treatment and cure and ways to prevent infection. Originally published in hardback in 1985. Summit Bks (S&S), 1986, 160 p., paper, \$6.95.

Tangled Tongue: Living with a Stutter — Jock A. Carlisle. A stutterer here discusses the causes and treatments of stuttering, children and stuttering, stutterers' relationships with others, discrimination and other problems of stutterers. A bibliography is included and an appendix lists self-help, consumer, therapy and research organizations in the United States. Originally published in Canada in 1985. Addison-Wesley, 1986, 258 p., paper, \$9.95.

A World List of Mammalian Species — G.B. Corbet and J.E. Hill. An attempt to present a comprehensive list of all living species of mammals based on current knowledge. Recently extinct species are also included and indicated as such, if their external appearance is known. Geographical range, type of habitat and well-established English vernacular name are given for each species. Includes an extensive bibliography covering books in three areas: general works on the diversity and classification of mammals; regional works, usually guides to identification; and works on particular groups of animals. The index at the end includes the scientific names as well as the English vernacular names. Facts on File, 2nd ed., 1986, 254 p., \$29.95.

IS ANYBODY OUT THERE?



THE SEARCH FOR EXTRATERRESTRIAL INTELLIGENCE

Listening for Life in the Cosmos

Thomas R. McDonough

How close are we to a close encounter?

The truth is more amazing than any fiction. Since 1959, scientists engaged in the SETI project (Search for Extraterrestrial Intelligence) have probed the cosmos for signs of intelligent life on other worlds. Now SETI researcher Thomas McDonough reveals the astonishing discoveries, bizarre hoaxes and misunderstandings, and brilliant personalities that have played a part in the search for extraterrestrial intelligence. E.T. may be closer than you think!

"A light-hearted and accessible discussion of perhaps the most exciting possibility in modern science."
—Carl Sagan

"...a marvelous book—the best on the subject in twenty years. It contains the best and most up-to-date summary of all of the fascinating aspects of SETI that I've ever seen under one set of covers, and it's written in a lively, engaging, understandable style."
—Ben Bova

\$19.95 Hardcover/Color insert



John Wiley & Sons
Available at your local bookstore.

AUTOMATE MEASUREMENT ON YOUR IBM PC



New digitizing tablet with Sigma-Scan™ measurement software. \$1195

Cat #3011 — 12" x 12" system

Resolution of .025 mm, accuracy of at least .25 mm. Comes with state-of-the-art software for area, linear, perimeter, length of curvy line, and angular measurements. X, Y point or stream digitizing. Descriptive statistics. Transfer data to other programs in standard ASCII or DIF format.

Call or write today for more information.

JANDEL SCIENTIFIC

MICROCOMPUTER TOOLS FOR THE SCIENTIST
2656 Bridgeway, Sausalito, CA 94965
800-874-1888
(In Calif. call 415-331-3022)