

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 \$2.00 postage and handling charge for each book, to **SCIENCE NEWS BOOKS**, 1719 N Street, NW, Washington, DC 20036. All books sent postpaid. Domestic orders only. Please allow 4-6 weeks for delivery.

Boojums All the Way Through: Communicating Science in a Prosaic Age — N. David Mermin. A collection of essays about the art of communicating scientific ideas, written for the nonspecialist by a physicist and award-winning lecturer. Mermin conveys complex ideas in ingeniously simple ways, such as a mock Shakespearean drama about relativity theory and an exuberant sermon on the rare delights of computing the Logarithm of 2. Cambridge U Pr, 1990, 308 p., illus., hardcover, \$49.50, paperback, \$16.95.

The Compassionate Beast: What Science is Discovering About the Humane Side of Humankind — Morton Hunt. Explores the development of altruism in humans. Hunt uses anecdotal histories to establish that altruism exists, then goes on to describe altruism research, which has burgeoned since 1970. He concludes that altruism is inherent in humans, and suggests ways to encourage it through "character education." Morrow, 1990, 287 p., hardcover, \$18.95.

The Great Migration — Jonathan Scott. Dramatic photographs and text capture highlights from 10 years of wildebeest migrations across Tanzania's Serengeti Plain. Scott also portrays other species, such as zebras, lions and wild dogs, that affect the wildebeest's quest for grazing land. Rodale, 1989, 159 p., color/b&w illus., hardcover, \$35.00.

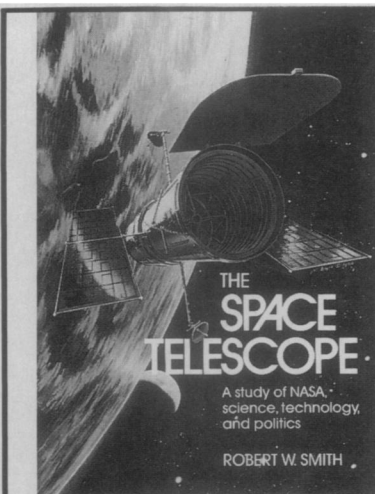
Lessons of the Rainforest — Suzanne Head and Robert Heinzman, Eds. Twenty short essays written by biologists, ecologists, historians, anthropologists, lawyers, economists and activists examine the many interrelated issues surrounding tropical deforestation and offer strategies for slowing the destruction that threatens the rain forests and life on Earth. The essays weave a unified vision of a sustainable world of cultural and biological diversity. Sierra, 1990, 275 p., hardcover, \$29.95, paperback, \$14.95.

The Natural History of China — Zhao Ji, Editor. Explores the flora, fauna and geographic makeup of China's rivers, forests, sea coasts, mountains, grasslands and deserts. Lavishly illustrated with more than 220 spectacular color photographs, many depicting species never seen by Westerners, according to the introduction. McGraw-Hill, 1990, 224 p., color illus., hardcover, \$29.95.

Newton's Madness: Further Tales of Clinical Neurology — Harold L. Klawans. A collection of stories from the author's neurology practice and his investigations of neurological disorders afflicting famous people through the ages. The title piece describes evidence indicating that at two periods of his life, Isaac Newton suffered mercury poisoning — from alchemical experiments — resulting in social withdrawal, tremors, insomnia, paranoia and failing memory. Klawans' stories of stroke, epilepsy, movement disorders and other ailments will fascinate and inform students of medicine and general readers alike. Knopf, 1990, 218 p., hardcover, \$17.95.

On Watching Birds — Lawrence Kilham. Foreword by John K. Terres. "What I seek in this book . . . is not to hand beginners cut flowers but to give them tips on growing their own; not to provide accounts applicable to only a few birds, but to give pointers on how to go about observing any bird anywhere," writes Kilham in the preface. Thus begins this enchanting autobiographical foray into Kilham's life as an observer of nature. Each chapter is full of behavioral findings about birds and encouragement to the amateur to observe all birds, even the most commonplace, for unusual behaviors. He questions the value of competitive birding and birding "hotspots" while praising the familiar backyard or the walk to work as nature's best laboratories for prolonged ornithological research. Beautiful double-page pencil drawings complement the bizarre bird facts Kilham describes, such as the courtship habits of sandhill cranes, the sudden massing of thousands of tree swallows and why blue jays eat sand. Originally published in hardcover in 1988. Chelsea Green Pub, 1990, 187 p., illus., paperback, \$9.95.

Trauma and the Vietnam War Generation — Richard A. Kulka et al., Eds. This report on the National Vietnam Veterans Readjustment Study describes the background and design of the study and its specific findings. Chapters are summarized in general terms, but specifics are given in each chapter along with tables, charts and figures. Appendices include lists of helpful resources for veterans suffering post-traumatic stress disorder. Brunner-Mazel, 1990, 322 p., hardcover, \$19.95.



Alice and the Space Telescope

By Malcolm Longair, foreword by Riccardo Giacconi

Longair introduces us to a wonderland of quasars, black holes, neutron stars and other phenomena whose mysteries the Space Telescope will help explore. The first half of the book takes us on a fantastic voyage of discovery through the Space Telescope Science Institute — guided by Lewis Carroll's Alice and her familiar companions. We hear the Dormouse tell Alice how the Space Telescope can help explore the Solar System, from tracking Martian dust storms to photographing Pluto's elusive moon. From the Mock Turtle we learn about the search for planets that may orbit nearby stars. In the second half Longair offers detailed comments and background information on what Alice learned.

— from the publisher

"A Cassegrain telescope it will be,
Of Ritchey-Chretien form.
Everyone builds them that way now —
Depart not from the norm!"

"Diffraction optics, if you please,
With images, sharp as can be,
Ten times sharper than from the Earth,
And better in the UV?"

— from *Jabberwocky II*

Johns Hopkins, 1990, 198 pages, 10 1/4" x 8 1/4", hardcover, \$28.95

In this book, Smith and his colleagues set the fascinating history of the Space Telescope in the context of post-World War II science and technology and the biggest kind of "Big Science" — scientific projects of a vast scale that involve thousands of people, require massive amounts of federal funding, and are as much political and managerial efforts as they are scientific and technical ones. The book reveals the astonishingly complex interactions that took place between the scientific community, government and industry and the great range of personalities and forces — scientific, technical, political, social, institutional and economic — that played a role in the Telescope's history.

— from the publisher

Cambridge, 1989, 478 pages, 10 1/4" x 7", hardcover, \$39.50

Science News Books, 1719 N Street, NW, Washington, DC 20036
Please send me the books marked below. I include a check payable to Science News Books for the price of the book plus \$2.00 postage and handling for each book. Domestic orders only.

— *Space Telescope*, \$39.50 — *Both*, \$65.95

— *Alice and the Space Telescope*, \$28.95

Name _____

Address _____

City _____

State _____ Zip _____

Daytime Phone # (_____) _____

(Used only for problems with order)

RB1228