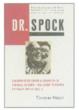
SCIENCE NEWS BOOKS

To order these books or any other book in print, call 1-800-BOOKS-NOW (266-5766) ext. 1494. Visa, Master-Card, and American Express accepted. Send checks or money orders plus \$4.95 shipping and handling each additional item) to Books Now, 348 East 6400 South. Suite 220, Salt Lake City, UT 84107. Or, see our web site at www.sciencenewsbooks.org. This service is provided in conjunction with Science News Books.



Dr. Spock: An American Life-Thomas Maier. During his 94 years, Spock left an indelible mark on the 20th century, not only as a storied "baby doctor," psychologist, and author but also as an activist and politician. Maier interviewed Spock before his death and had access to

family members and Spock's archives. While he was seemingly unable to implement his Freudinspired advice with his own family, who struggled with all the hallmarks of dysfunction, Spock reinvented parenting to a degree that has impacted several generations and shaped the whole of modern society. HarBrace, 1998, 520 p., b&w plates, hardcover, \$30.00.



The Food Report Card: 12,000 Favorite Foods—Including Brand-Name Products-Graded A, B, C, or D for Nutritional Value-Thomas Yannios. Determining the overall nutritional value of food products based on their labels can be time-consuming and confusing. Entries here in-

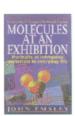
clude fruits, vegetables, meats, canned and frozen foods, and even fast food and "frivolous foods," assessing the fat, sugar, calorie, fiber, and sodium content with an overall rating. The intent is to help consumers select foods beneficial for overall good health and helpful in protecting against specific problems. Macmillan, 1998, 482 p., paperback, \$15.95.



Mathematics for the Curious-

Peter M. Higgins. Math pervades our lives. This is Higgins' mantra as he romps through the occupational concerns of mathematicians, accessibly unfolding them to nonprofessionals. Chapters dealing with specific areas such as fractions, algebra, and numbers

are supplemented by problems linking the various fields: How can n men share a bottle of vodka? If you take a 10% paycut and then get a 10% increase, do you come out even? OUP, 1998, 224 p., paperback, \$12.95.



98

Molecules at an Exhibition: Portraits of Intriguing Materials in Everyday Life-John Emsley. In an effort to crack open the arcane world of molecules, the most prevalent chemicals and their compositions are dissected. Readers can discover what radioactive lifesaver should be

in every home, the secret to a good night's sleep, and the metal that can galvanize one's sex life. A concluding section considers hazardous molecules such as plutonium and atropine. OUP, 1998, 250 p., hardcover, \$25.00.

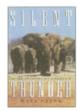
To order by phone for faster service, call: 1-800-266-5766 ext. 1494 Visa, MasterCard, and American Express accepted



Rescuing Prometheus-Thomas P. Hughes. In Hughes' opinion, the unrivaled and

seemingly unabating success of the post-World War II technological revolution is due to the role of systems builders and the military-industrialuniversity complex in realiz-

ing large-scale development and research projects. He focuses on four projects critical to the modern structure of the world: The SAGE air-defense project, the Atlas intercontinental ballistic missile, the Boston Central Artery/Tunnel Project, and ARPANET. These are the pillars of the information era that led to the development of the collegial, meritocractic management style central to his argument. Pantheon, 1998, 372 p., b&w photos/illus., hardcover, \$28.50.



Silent Thunder: In the Presence of Elephants-Katy Payne. Acoustic biologist Payne recounts her study of the communication methods of elephants. According to Payne, elephants relay information over miles by using infrasound resonating at a decibel level

just below the range of human hearing. In the midst of her work in Zimbabwe, nearly a third of her research group of elephants was destroyed in a planned killing-known as a cullorchestrated by the government. Grief-stricken, Payne discusses these culls, which she sees as counterproductive, as well as other conservation tactics and her communication studies. S&S, 1998, 288 p., hardcover, \$25.00.



The Transparent Society: Will Technology Force Us to Choose Between Privacy and Freedom?—David Brin. Brin expounds upon his belief that people need to keep watch on snooping governments, employers, insurance companies, and so on. With the installation of

encryption systems and the passing of privacy laws, he fears this ability will be lost, further clouding the average person's sense of what others know about him or her. If we continue to keep watch, Brin asserts, the information gatherers can be held accountable for their actions. In assessing the current state of affairs, Brin divulges a barrage of ways and means of monitoring electronic transmissions. Addison-Wesley, 1998, 378 p., hardcover, \$25.00.



Watching Weather: A Low Pressure Book About High Pressure Systems and Other Weather Phenomena-Tom Murphree and Mary K. Miller with the Exploratorium. This primer outlines the fundamentals of meteorology for readers interested in fully com-

prehending the weather report and perhaps doing a little home predicting. The book promises that, with this knowledge, you will be able to find a cool spot for a picnic on a sweltering day, read the clouds for changing weather conditions, and know when croaking frogs signal an impending storm. Owl Bks, 1998, 154 p., illus., paperback, \$12.95.

Donald R. Harless Julie Ann Miller Dan Skripkar

David Lindley Janet Raloff

Ivars Peterson

Bruce Bower Richard Monastersky

Kathleen Fackelmann. Nathan Seppa Ron Cowen John Travis Corinna Wu

Susan Milius Peter Weiss Jeffrey Brainard Penny J. Chaney Gwendolyn K. Gillespie Cait Anthony Christina Smith Larry Sigler

Publisher Editor Production/Design Director Associate Editor Senior Editor Environment/Policy Online Editor Mathematics/ Computers Behavioral Sciences Internship Coordinator Earth Science

Astronomy Biology Chemistry/ Materials Science Life Sciences Physics/Technology Science Writer Intern Editorial Assistant **Editorial Secretary** Books/Advertising Subscriptions Business Manager

Biomedicine

Board of Trustees—Chairman, Dudley Herschbach; Vice Chairman, Robert W. Fri; Secretary, David A. Goslin; Treasurer, Willis Harlow Shapley; Samuel Gubins; J. David Hann; Shirley M. Malcom; Eve L. Menger; C. Bradley Moore; Ben Patrusky; Anna C. Roosevelt; H. Guyford Stever; Gerald F. Tape; Sanford J. Ungar; Deborah P. Wolfe; Chairman Emeritus, Glenn T. Seaborg; Honorary Trustees, Edward Bliss Jr.; Bowen C. Dees; Elena O. Nightingale; John Troan.

Officers-President, Donald R. Harless; Business Manager, Larry Sigler.

SCIENCE NEWS (ISSN 0036-8423) is published weekly on Saturday, except the last week in December, for \$49.50 for 1 year or \$88.00 for 2 years (foreign postage is \$6.00 additional per year) by Science Service, 1719 N Street, N.W., Washington, D.C. 20036. Preferred Periodicals postage paid at Washington, D.C., and additional mailing office. POSTMASTER: Send address changes to Science News, P.O. Box 1925, Marion. Ohio 43305. Change of address: Four to six weeks' notice is required—old and new addresses, including zip codes, must be provided. Copyright © 1998 by Science Service. Title registered as trademark U.S. and Canadian Patent Offices. Printed in U.S.A. on recycled paper. PRepublication of any portion of Science News without written permission of the publisher is prohibited. For permission to photocopy articles, contact Copyright Clearance Center at 978-750-8400 (phone) or 978-750-4470 (fax).

Editorial, Business, and Advertising Offices 1719 N St. N.W., Washington, D.C. 20036 202-785-2255; scinews@sciserv.org

Subscription Department

P.O. Box 1925, Marion, Ohio 43305 For new subscriptions and customer service, call 1-800-552-4412.

Science News is published by Science Service, a nonprofit corporation founded in 1921. The mission of Science Service is to advance the understanding and appreciation of science through publications and educational programs

Visit Science Service on the World Wide Web: http://www.sciserv.org

SCIENCE NEWS, VOL. 154

AUGUST 15, 1998