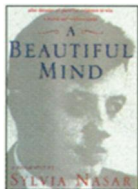
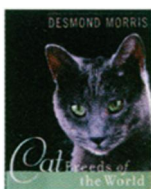


## SCIENCE NEWS BOOKS

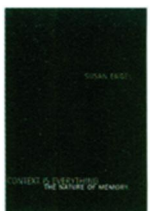
To order these books or any other book in print, call 1-800-BOOKS-NOW (266-5766) ext. 1494. Visa, MasterCard, and American Express accepted. Send checks or money orders plus \$4.95 shipping and handling (\$2.50 for each additional item) to Books Now, 348 East 6400 South, Suite 220, Salt Lake City, UT 84107. Or see our Web site at [www.sciencenewsbooks.org](http://www.sciencenewsbooks.org). This service is provided in conjunction with Science News Books.



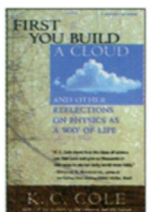
**A Beautiful Mind**—Sylvia Nasar. Madness can equate with genius. It has for mathematician John Forbes Nash Jr. On the academic fast track during his twenties, Nash's reputation as an eccentric genius flourished on the campuses of Princeton and MIT, where he hobnobbed with Albert Einstein and formulated a profound contribution to game theory. At the age of 30, he experienced a catastrophic breakdown triggered by schizophrenia. His life spiraled out of control, and his achievements became footnotes until the 1990s, when he miraculously emerged from his insanity. Subsequently, he was awarded the Nobel Prize for economics. Nasar's biography charts Nash's remarkable story to the present day. Originally published in hardcover in 1998. Touchstone, 1999, 459 p., b&w plates, paperback, \$16.00. art 7/25/98



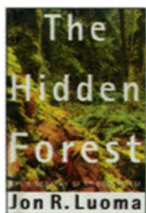
**Cat Breeds of the World**—Desmond Morris. If you happen to be curious about the origins of the Persian cat—there are nine varieties—this encyclopedia of 100 domestic breeds of cats will answer your questions about cat origins and history, as well as associated myths. Each entry defines a pedigree by virtue of breeding, personality, and colors and patterns. Color photos accompany most entries, which cover several cats just emerging as recognized breeds. Viking, 1999, 256 p., color photos, hardcover, \$25.95.



**Context Is Everything: The Nature of Memory**—Susan Engel. As demonstrated in high-profile courtroom cases in recent years, what people recall can vary dramatically according to context. Whether with intent, as a coping mechanism, or as a way of preserving respectability, all of us subconsciously manipulate our memories. Engel surveys the burgeoning field of memory research in order to assess the individual roles of place, company, purpose, and situation in recall. In her effort, she distinguishes the ways in which we define memory for each other. WH Freeman, 1999, 188 p., hardcover, \$23.95.



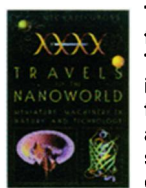
**First You Build a Cloud: And Other Reflections on Physics as a Way of Life**—K.C. Cole. With a focus on the "old stuff," as she calls it, Cole examines the fundamental properties of the physical world and how they infiltrate culture, language, and our overall worldview. Convinced that philosophy and science are inseparable pursuits, Cole sets about bringing the highest orders of physics to the masses. With the boldness to ask even the most simplistic questions, she imparts an understanding of relativity, quantum mechanics, resonance, and more. Frequent references to the words of this century's foremost physicists aid Cole in rendering these issues from their viewpoint. *First You Build a Cloud* is a revised and expanded version of an earlier text titled *Sympathetic Vibrations*. Harbrace, 1999, 231 p., b&w photos/illus., paperback, \$13.00.



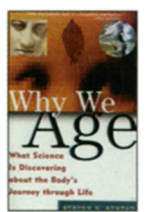
**The Hidden Forest: The Biography of an Ecosystem**—Jon R. Luoma. It is hard to imagine, but deep in the heart of Oregon lie 16,000 acres of primal forest where virtually every living, and many dead, things have been tagged and excruciatingly detailed for the past 30 years. In the Andrews Experimental Forest, hundreds of scientists in a multitude of disciplines thus seek to define the biodiversity and working elements of the ecosystem. Originally developed as a research lab for the logging industry, the forest has become a tool for squelching destructive logging efforts, as researchers come to understand the importance of the various components of an aged forest ecosystem. Luoma reports on an array of scientific endeavors at Andrews and how these efforts are leading to a new kind of sustainable forestry. H Holt & Co, 1999, 228 p., hardcover, \$25.00.



**In a Desert Garden: Love and Death Among the Insects**—John Alcock. Transplanted to arid Tempe, Arizona, Alcock replaced his conventional yard with a xeriscaped landscape and installed a compost heap, a vegetable garden, and assorted cacti, which invited a parade of insects to take up residence. Alcock displays a biologist's obsession with the small ecosystem outside his house and the habits of its earwigs, whiteflies, and twig caterpillars. He ably turns a seemingly uneventful habitat into an engaging realm. Originally published in hardcover in 1997. UAZ Pr, 1999, 186 p., illus., paperback, \$17.95.



**Travels to the Nanoworld: Miniature Machinery in Nature and Technology**—Michael Gross. Imagine structures with lengths registered in billionths of a meter, so small as to be invisible even with a microscope. Muscles are naturally powered by nanomachines consisting of the proteins actin and myosin. Equally small chromosomes precisely render genetic identity. Gross reveals how nature has mastered such reductionism many times over and how scientists hope to match it. Synthetic macromolecules that function as well as their natural counterparts, better nuclear particle accelerators, microsized reactors for synthesizing chemicals, and improved pharmaceuticals are examples. Plenum, 1999, 254 p., b&w illus., hardcover, \$25.95.



**Why We Age: What Science Is Discovering about the Body's Journey through Life**—Steven N. Austad. Zoologist Austad focuses here on the evolutionary reasons for aging and death, but he also goes a long way toward explaining the aging process. In revealing strides by physicians and biologists in longevity research, Austad explains why the life span of a U.S. citizen has increased by 35 percent in the last 100 years, how animals age, and other puzzles. Meanwhile, he criticizes some new claims of extending life. Originally published in hardcover in 1997. Wiley 1999, 244 p., paperback, \$16.95.

To order by phone for faster service, call:  
1-800-266-5766 ext. 1494

Visa, MasterCard, and American Express accepted

## SCIENCE NEWS

A Science Service Publication

<b>Donald R. Harless</b>	Publisher
<b>Julie Ann Miller</b>	Editor
<b>Keith Haglund</b>	Managing Editor
<b>Dan Skripkar</b>	Production/Design Director
<b>David Lindley</b>	Associate Editor
<b>Janet Raloff</b>	Senior Editor
	Environment/Policy
<b>Ivars Peterson</b>	Online Editor
	Mathematics/Computers
<b>Bruce Bower</b>	Behavioral Sciences
<b>Richard Monastersky</b>	Internship Coordinator
	Earth Science
<b>Ron Cowen</b>	Astronomy
<b>John Travis</b>	Biology
<b>Corinna Wu</b>	Chemistry/ Materials Science
	Biomedicine
<b>Nathan Seppa,</b>	
<b>Damaris Christensen</b>	Life Sciences
<b>Susan Milius</b>	Physics/Technology
<b>Peter Weiss</b>	Science Writer Intern
<b>Siri Carpenter</b>	Editorial Assistant
<b>Penny J. Chaney</b>	Editorial Secretary
<b>Gwendolyn K. Gillespie</b>	Books/Advertising
<b>Cait Anthony</b>	Subscriptions
<b>Christina Smith</b>	Business Manager
<b>Larry Sigler</b>	

**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; *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 © 1999 by Science Service. Title registered as trademark U.S. and Canadian Patent Offices. Printed in U.S.A. on recycled paper. © Reproduction 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](mailto: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>