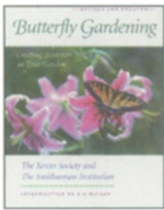
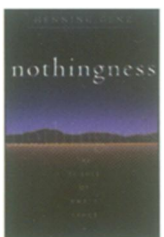


## SCIENCE NEWS BOOKS

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.

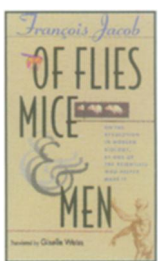


**Butterfly Gardening: Creating Summer Magic in Your Garden**—Edward O. Wilson, Miriam Rothschild, et al. Produced by the Xerces Society, this revised second edition of a classic handbook provides guidance for not only attracting butterflies, but now other useful insects to one's garden. Bolstered by photographs, a variety of experts impart their specific expertise. For instance, an entomologist communicates the life cycle of a large white butterfly, and a nature photographer offers advice to novice shutterbugs who want to capture the elegance of the insect. Listings of and resources for nectar plants and butterfly varieties follow garden-design chapters. Sierra, 1998, 208 p., color photos, paperback, \$24.00.



**Nothingness: The Science of Empty Space**—Henning Genz. All comparisons with the television show *Seinfeld* aside, Genz tracks the scientific quest to define nothing. Does empty space have matter within it, and if that matter were removed, what would be left? This seemingly immaterial

problem, so to speak, has vexed many physicists and philosophers. Its solution charges the most cutting-edge endeavors of modern cosmology and quantum mechanics. Genz is of the belief that ancient Greek naturalists conceived the concepts that continue to inspire the moderns. In this book, Evangelista Torricelli and Plato are central characters alongside Werner Heisenberg and Albert Einstein. Helix Bks, 1999, 340 p., b&w photos/illus., hardcover, \$30.00.



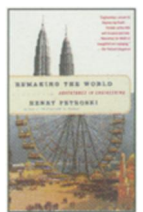
**Of Flies, Mice & Men: On the Revolution in Modern Biology, by One of the Scientists Who Helped Make It**—François Jacob. Using his own storied career as a backdrop, Jacob reveals the ways of a scientist in unraveling the mysteries of life. A winner of the Nobel Prize in Physiology or Medicine, Jacob concentrates on the fast-paced pursuit of the genetic underpinnings of animals. In seven eloquent essays, he tells, for instance, how the minuscule fruit fly revealed the passing of genetic traits and how mice became a primary organism for research. Above all, he scrutinizes the role of the scientist in society, often recalling the legacy of the ancient Greeks. Originally published in France in 1997. HUP, 1998, 158 p., hardcover, \$24.00.

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

Visa, MasterCard, and American Express accepted

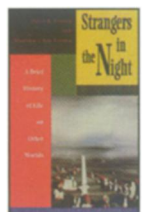


**Out of the Crater: Chronicles of a Volcanologist**—Richard V. Fisher. This memoir of more than 40 years of tracking volcanic activity centers not so much on theory but on the thrill of the pursuit. Fisher chronicles trips to Mount St. Helens just 3 weeks after its eruption, as well as visits to Mt. Vesuvius, Mount Pelée, and others. He is most widely recognized in his field for his work on pyroclastic flows and surges—the hurricanes of gases, molten lava, and volcanic debris that spew from exploding volcanoes. The excitement and danger of eruptions lace a text that includes but goes beyond the basics of volcanology. Princeton U Pr, 1999, 179 p., b&w photos, hardcover, \$24.95.

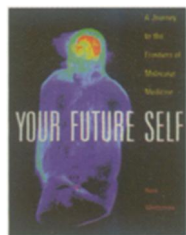


**Remaking the World: Adventures in Engineering**—Henry Petroski. Engineering's most ardent advocate continues his efforts with this collection of essays originally published in *AMERICAN SCIENTIST*. As always, Petroski's focus is on the role of engineering feats in the overall improvement of society. He

points to some of the more terrific accomplishments: the Hoover Dam and the Petronas Towers in Malaysia. Among the personalities of engineering's history featured here are military engineer Henry Martyn Robert, better known for Robert's Rules of Order, and George Washington Gale Ferris, creator of the amusement park ride. Originally published in hardcover in 1997. Vin, 1999, 239 p., b&w photos, paperback, \$13.00.



**Strangers in the Night: A Brief History of Life on Other Worlds**—David E. Fisher and Marshall Jon Fisher. From hoaxes and hopefuls to the NASA-supported Search for Extraterrestrial Intelligence (SETI) program, the Fishers survey the pursuit of extraterrestrial life since ancient times. They reflect on how this one aspect of science, be it pseudoscience or not, has gripped the populace. The regular discovery of new planets and the possibility of an ocean on one of Jupiter's moons only increases the anticipation. Now, telescopes with boosted magnification promise results. The Fishers also consider theories about what kinds of life may be out there. Counterpoint, 1998, 348 p., plates, hardcover, \$25.00.



**Your Future Self: A Journey to the Frontiers of Molecular Medicine**—Hank Whittemore. Many people have heard of and even undergone CAT (computerized axial tomography) MRIs (magnetic resonance images). They probably don't understand the scientific power of those imaging techniques, however. Whittemore has assembled a stunning array of such images and interpretations of what scientists and physicians glean from them. For instance, one brilliant picture shows a white blood cell clearing debris in a pneumonia-infected lung, and another shows HIV invading a cell. Thames Hudson, 1998, 160 p., color photos, hardcover, \$27.50.

## 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>Nathan Seppa,</b>	Biomedicine
<b>Damaris Christensen</b>	
<b>Ron Cowen</b>	Astronomy
<b>John Travis</b>	Biology
<b>Corinna Wu</b>	Chemistry/ Materials Science
<b>Susan Milius</b>	Life Sciences
<b>Peter Weiss</b>	Physics/Technology
<b>Sarah Simpson</b>	Science Writer Intern
<b>Penny J. Chaney</b>	Editorial Assistant
<b>Gwendolyn K. Gillespie</b>	Editorial Secretary
<b>Cait Anthony</b>	Books/Advertising
<b>Christina Smith</b>	Subscriptions
<b>Larry Sigler</b>	Business Manager

**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. © 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>