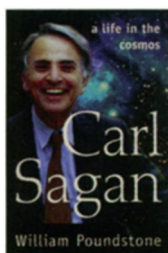


SCIENCE NEWS BOOKS

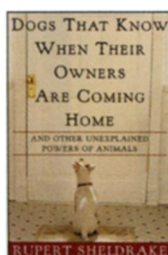
To order these books or any other book in print, call 1-800-BOOKS-NOW (266-5766) ext. 1494. Visa, MasterCard, and American Express accepted. Send checks or money orders plus \$4.95 shipping and handling (\$2.50 for each additional item) to Books Now, 400 Morris Avenue, Long Branch, NJ 07740. Or see our Web site at www.sciencenewsbooks.org. This service is provided in conjunction with Science News Books.



Altering Eden: The Feminization of Nature—Deborah Cadbury. A Danish study reports that men's sperm counts have dropped by 50 percent in 50 years. Globally, testicular, prostate, and breast cancers are on the rise. Males of certain animal species exhibit signs of feminization. Many scientists and fertility experts link manmade chemicals such as DDT and polychlorinated biphenyls to these perplexing and disturbing changes in reproduction dynamics and organs. Such chemicals mimic the female hormone estrogen, and the deception can wreak havoc on the body's hormonal balance. Through extensive interviews and data mining, Cadbury has produced a balanced report about the impact that the wide use of chemicals may have on human fertility. Originally published in Great Britain in 1997 under the title *The Feminization of Nature*. St Martin, 1999, 292 p., hardcover, \$23.95.



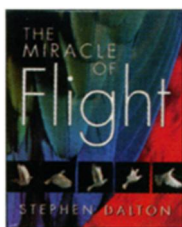
Carl Sagan: A Life in the Cosmos—William Poundstone. This weighty biography—with Keay Davidson's *Carl Sagan: A Life*, the second of two new accounts of the celebrated astronomer's life—covers Sagan's personal and professional discords, as well as his many scientific achievements. Following early academic success, Sagan's entry into the public arena through books and television was applauded by some of his colleagues but resented by others. The discord was most infamously demonstrated when he was turned down for membership in the National Academy of Sciences. His three marriages were likewise turbulent. Relying on numerous interviews, Poundstone enables the reader to understand why the same man provoked often divergent opinions. H Holt, 1999, 473 p., hardcover, \$30.00.



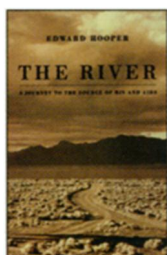
Dogs That Know When Their Owners Are Coming Home and Other Unexplained Powers of Animals—Rupert Sheldrake. Telepathy? Clairvoyance? Pet lovers cherish tales of cats that disappear just before vet appointments and lost dogs that cover hundreds of miles to get to their owners' new homes. Controversial commentator Sheldrake thinks we should take these anecdotes as evidence of a human-animal connection beyond science's understanding, and he hopes to convince the reader that pets do many things that can't be ascribed to chance or to the overeager imaginations of doting humans. Crown, 1999, 353 p., b&w illus., hardcover, \$25.00.

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

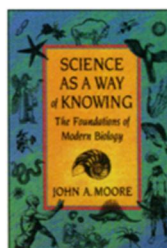
Visa, MasterCard, and American Express accepted



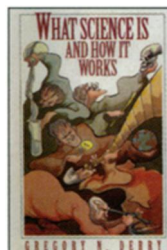
The Miracle of Flight—Stephen Dalton. Mixing nature with technology and biology with physics, this arrestingly illustrated book skims across the history and science of flight in all its manifestations. Author and photographer Dalton describes the evolutionary origin of flight in insects and birds, as well as the erratic history of people's attempts to take to the air. Simple diagrams and sometimes spectacular photographs accompany discussions of the relevant physical principles, from the maneuverability provided by feathered and mechanical wings to the curving flight of a golf ball. Firefly, 1999, 183 p., color photos/illus., hardcover, \$40.00.



The River: A Journey to the Source of HIV and AIDS—Edward Hooper. Although most scientists now believe that HIV derives from related immunodeficiency viruses in primates, how it jumped from animal to human populations remains mysterious. In this meticulously researched account, journalist Hooper, a former United Nations official, makes the controversial case that the transfer came about not through natural contacts between monkeys and people but in the course of African field tests of a new polio vaccine in the 1950s. Regardless of the truth of this thesis, Hooper gives a powerful description of the beginnings of the AIDS epidemic in Africa and elsewhere. Little, Brown, 1999, 1,070 p., b&w photos, hardcover, \$35.00.



Science as a Way of Knowing: The Foundations of Modern Biology—John A. Moore. Emphasizing not just the steady accumulation of understanding but also the way in which understanding was achieved, Moore traces biology from its beginnings in ancient cultures, especially that of Greece, to its emergence as a modern scientific discipline. In sections covering the changing conception of nature in general, evolution, genetics, and organismal development, Moore's selection of case studies and hypotheses builds into a narrative account of the reasons biologists think as they do. Originally published in hardcover in 1993. HUP, 1999, 530 p., b&w illus., paperback, \$18.95.



What Science Is and How It Works—Gregory N. Derry. The molecular structure of benzene came to Kekulé in a dream. Kepler spent years poring over observations of the planets to work out the mathematical description of their orbits. Through a wide variety of examples, physicist Derry explains that scientists use many methods to pursue their goals, and many kinds of analyses to test their ideas. The author's professed aim is for his readers to understand science better by looking at the world the way scientists do. Princeton U Pr., 1999, 311 p., b&w illus., hardcover, \$29.95.

SCIENCE NEWS

A Science Service Publication

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

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>