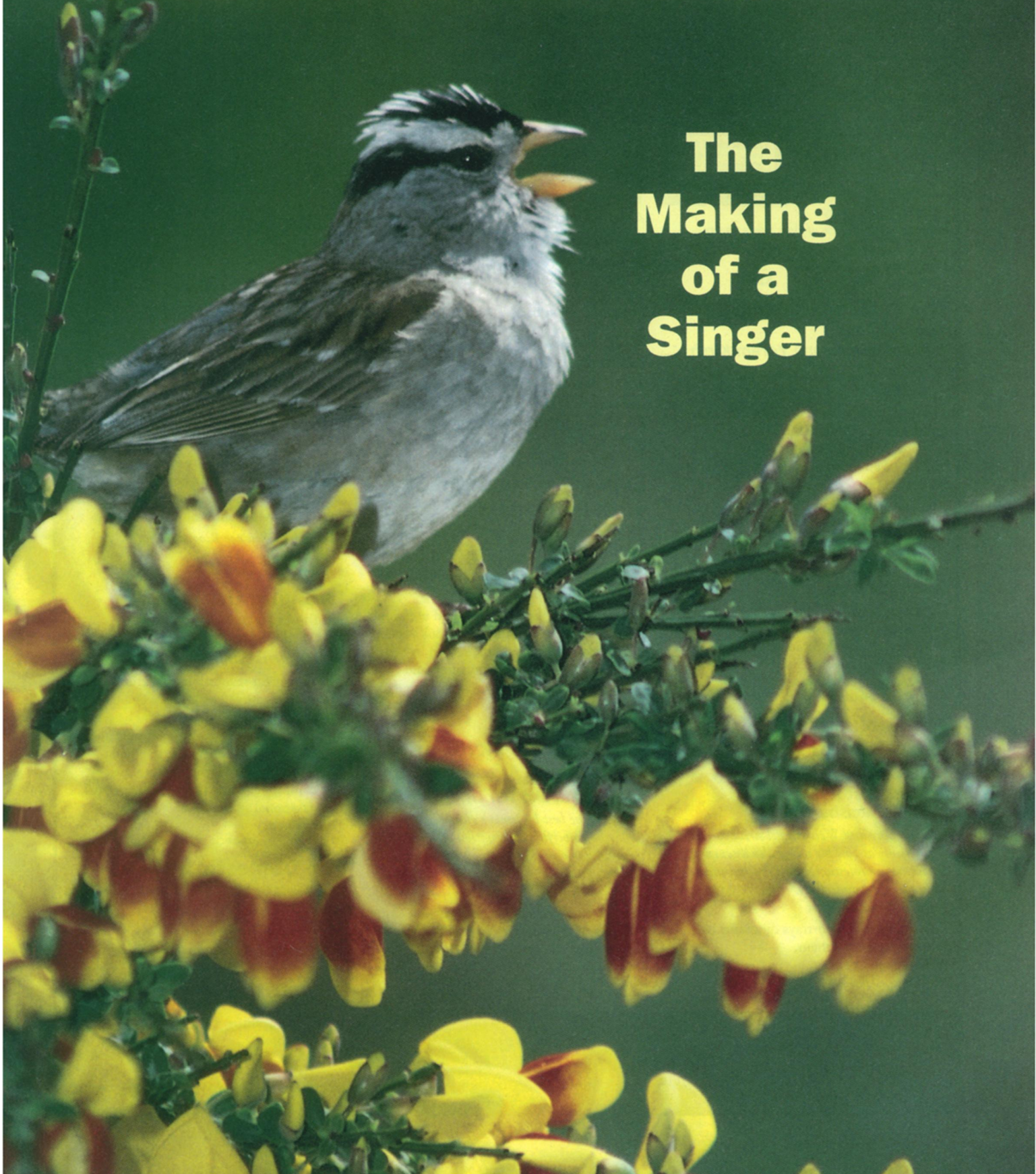


The Weekly Newsmagazine of Science

# SCIENCE NEWS

May 4, 1996  
Vol. 149, No. 18  
Pages 273-288



## The Making of a Singer

# From Top Quarks to Triceratops Cambridge Covers Science

## The Clock of Ages

Why We Age—How We Age—Winding Back the Clock

**John J. Medina**

*"This is the best biology book written for the lay public to appear in many years."*

— Library Journal

Written in everyday language, *The Clock of Ages* takes us on a tour of the aging human body.

1996 338 pp.

46244-4 Hardback \$24.95



## The Particle Hunters

Second Edition

**Yuval Ne'eman and Yoram Kirsh**

*"The story is complete, self-contained and highly readable."* — New Scientist

This text explains in an engaging, nonmathematical style the principles of modern theories such as quantum mechanics and Einstein's relativity.

1996 c.325 pp.

47686-0 Paperback about \$24.95

## The Thread of Life

The Story of Genes and Genetic Engineering

**Susan Aldridge**

Eschewing jargon, author Susan Aldridge gives an accessible account of the world of DNA and also explores its present and future applications.

1996 265 pp.

46542-7 Hardback \$24.95

## The Evolution and Extinction of the Dinosaurs

**David E. Fastovsky and David B. Weishampel**

*"...Fastovsky and Weishampel strive to write as accessibly as possible while also discussing dinosaurs as professionals understand them. They succeed wonderfully."*

— Ray Olson, Booklist

This unique book portrays dinosaurs as paleontologists see them.

1996 476 pp.

44496-9 Hardback \$44.95

## A Walk through the Heavens

A Guide to Stars and Constellations and their Legends

**Milton D. Heifetz and Wil Tirion**

Magically illustrated by Wil Tirion, this book will inspire the young astronomer just starting out on a journey across the starlit skies.

1996 c.80 pp.

46980-5 Paperback about \$9.95

## The Ever-Changing Sky

A Guide to the Celestial Sphere

**James B. Kaler**

A comprehensive and uniquely non-mathematical guide to spherical astronomy.

1996 514 pp.

38053-7 Hardback \$39.95

## Our Evolving Universe

**Malcolm S. Longair**

A lucid, nontechnical and infectiously enthusiastic introduction to our current understanding of astronomy and cosmology.

1996 197 pp.

55091-2 Hardback \$34.95

## Exploring the Night Sky with Binoculars

Third Edition

**Patrick Moore**

*"...a useful beginner's guide to the binocular sky."*

— Sky & Telescope

After describing how to select and use binoculars for observation, this handbook explains basic astronomy and charts, season by season, the sky as seen from northern and southern hemispheres.

1996 221 pp.

55538-8 Paperback \$14.95

## The Monthly Sky Guide

Fourth Edition

**Ian Ridpath and Wil Tirion**

*"...one of the best beginner's guides I've seen...the powerful combination of Ridpath's text and Tirion's charts come together in the monthly guides..."*

— Gordon Bond, The Practical Observer

Offers a clear and simple introduction to the skies of the northern hemisphere for beginners of all ages.

1996 64 pp.

56839-0 Paperback \$14.95

## Charles Darwin's Letters

A Selection, 1825-1859

**Charles Darwin**

**Frederick Burkhardt, Editor**

*"...the wonderfully expressive and richly varied letters of Charles Darwin represent one of the great dramas of western history."*

— from the Introduction by Stephen Jay Gould

This unique selection of the letters offer a fascinating window onto the daily experience of Darwin from his early years at Edinburgh University up to the publication of *The Origin of Species* in 1859.

1996 272 pp.

56212-0 Hardback \$21.95

## Charles Darwin

The Man and His Influence

**Peter J. Bowler**

*"...a comprehensive survey of Darwin in and out of his own time and a sound introduction to recent scholarship."*

— James McGeachie,

Times Literary Supplement

Combining biography and cultural history, this study of Darwin's life and influence shows how his contemporaries were unable to appreciate precisely those aspects of his thinking considered scientifically important today.

*Cambridge Science Biographies*

1996 260 pp.

56668-1 Paperback \$15.95

## Evolving the Mind

On the Nature of Matter and the Origin of Consciousness

**A.G. Cairns-Smith**

The next great revolution in science will undoubtedly be the emergence of a useful theory of consciousness—a theory based on our better understanding of molecules and brains and of the nature of science itself. The author thoroughly explores this complex concept in a straightforward, conversational style.

1996 350 pp.

40220-4 Hardback \$24.95

## The Domestic Dog

Its Evolution, Behaviour, and Interactions with People

**James Serpell, Editor**

The definitive reference work on dog behavior for many years to come. Dog-lovers with an interest in understanding how and why dogs behave as they do will find this fascinating reading.

1996 280 pp.

42537-9 Paperback \$19.95

Available in bookstores or from

**CAMBRIDGE**  
UNIVERSITY PRESS

40 West 20th Street, New York, NY 10011-4211

Call toll-free 800-872-7423

MasterCard/VISA accepted. Prices subject to change.

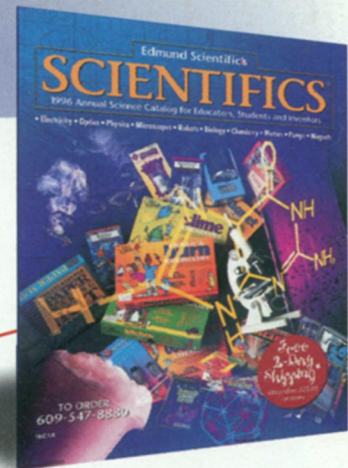
Web site: <http://www.cup.org>

# The Ideas begin with you

science with no limits!

- Explore a fascinating world of science in our 104 page
- **SCIENTIFICS** color catalog, featuring a unique
- collection scientific, educational
- and optical products.

OPTICS  
TELESCOPES  
ASTRONOMY  
BINOCULARS  
ELECTRICITY  
PHYSICS  
ROBOTS  
MAGNIFIERS  
MICROSCOPES  
BIOLOGY  
CHEMISTRY  
MOTORS  
PUMPS  
CCD CAMERAS  
MAGNETS



**FREE SCIENTIFICS  
COLOR CATALOG**

**1-609-547-8880**

or e-mail: [scientific@edsci.com](mailto:scientific@edsci.com) (Catalog inquiries only)

Over 5500 hard-to-find scientific,  
educational and optical products.

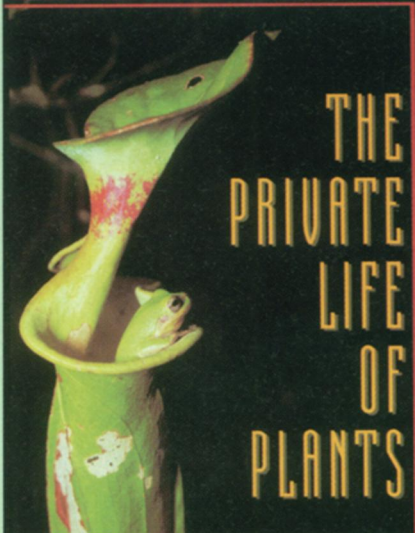
**Edmund Scientific Co.**  
CONSUMER PRODUCTS DIVISION  
Dept. 16D5, C915 Edscorp Bldg., Barrington, NJ 08007

In *The Private Life of Plants*, which is based on the immensely popular BBC program, writer/filmmaker David Attenborough treks through rainforests, mountain ranges, deserts, beaches, and home gardens to show us things we might never have suspected about the vegetation that surrounds us. With their extraordinary sensibility, plants compete endlessly for survival and interact with animals and insects: they can see, count, communicate, adjust position, strike, and capture. Attenborough makes the plant world a vivid place for readers, who in this book can enjoy the tour at their own pace, taking in the lively descriptions and nearly 300 full-color photos showing plants in fascinating detail.

The author reveals to us the aspects of plants' lives that seem hidden from view. Among the most outstanding examples, the acacia can communicate with other acacias and repel enemies that might eat their leaves; the orchid can impersonate female wasps to attract males and ensure the spreading of its pollen; the Venus flytrap can take other organisms captive and consume them. Covering this remarkable range of information with enthusiasm and clarity, Attenborough has created a book sure to please the plant lover and any other reader interested in exploring the natural world.

—from Princeton University Press

**DAVID ATTENBOROUGH**



Princeton University Press, 1995,  
320 pages, 7" x 10", hardcover, \$26.95



For faster  
service, call:

1-800-544-4565  
(Visa or MasterCard only)

In D.C. area:  
202-331-9653

**Science News Books**  
1719 N Street, NW,  
Washington, DC 20036

PrivLifePIH

Please send me \_\_\_\_\_ copy(ies) of  
*The Private Life of Plants*. I include a  
check payable to Science News Books  
for \$26.95 plus \$2.00 postage and handling  
for each book (total \$28.95).  
Domestic orders only.

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

Daytime Phone \_\_\_\_\_

(used only for problems with order) RB2498