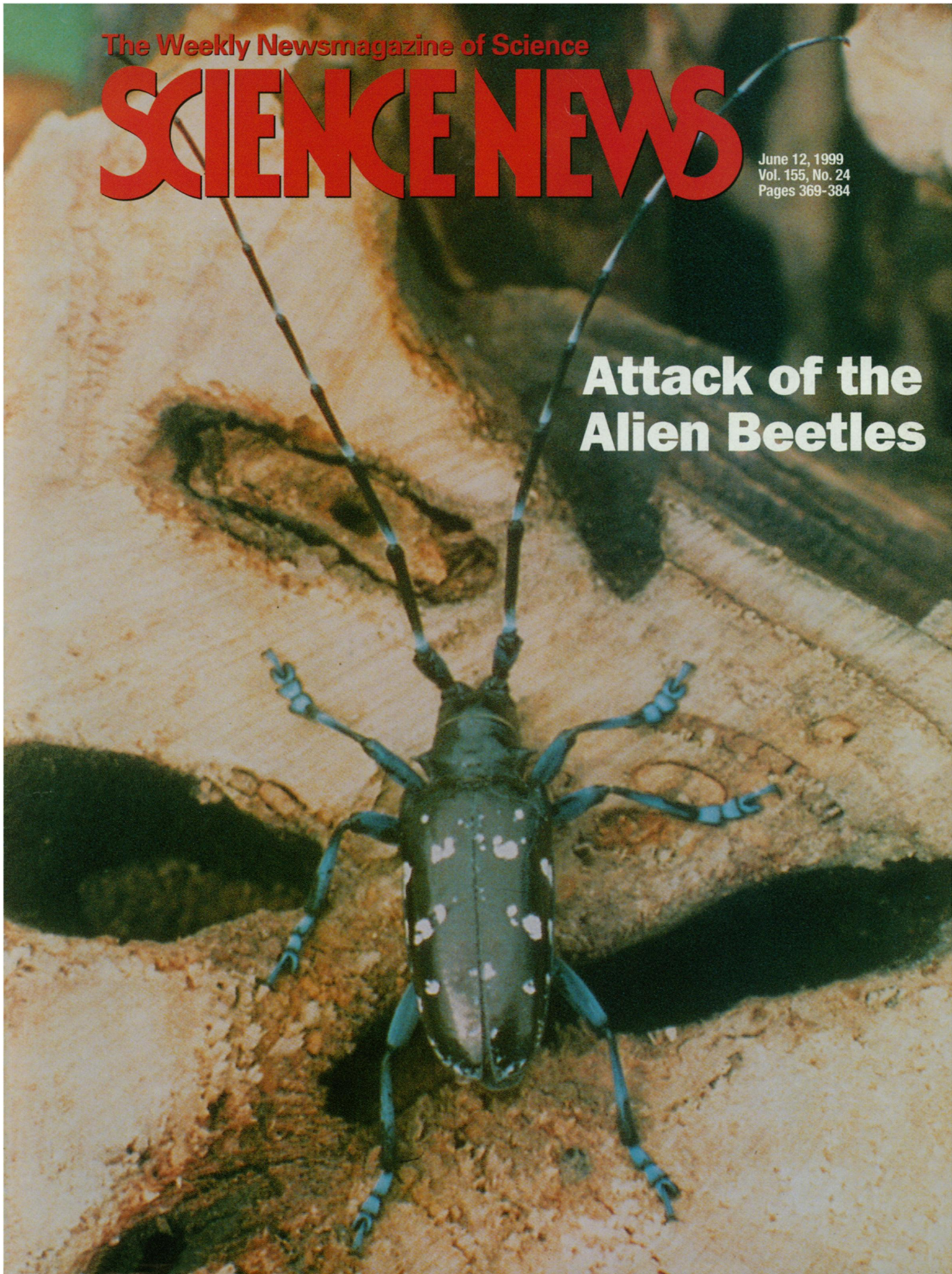


The Weekly Newsmagazine of Science

# SCIENCE NEWS

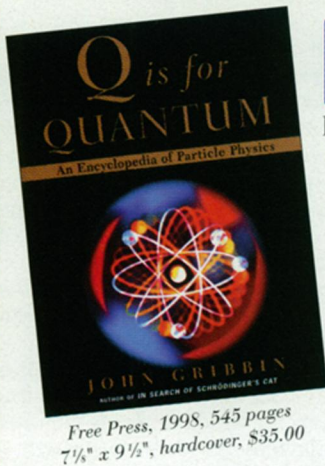
June 12, 1999  
Vol. 155, No. 24  
Pages 369-384

## Attack of the Alien Beetles



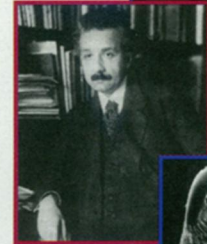


Order by phone for faster service! **1-800-266-5766** Dept. 1494 Visa, MasterCard, or American Express



**H**ere in one volume John Gribbin, the award-winning science writer and physicist, has collected the answer to everything you need know about the quantum world. This exceptional reference begins with a thorough introduction setting out the current state of knowledge in particle physics. Throughout, Gribbin blends articles on the structure of particles and their interactions, accounts of theoretical breakthroughs in quantum mechanics and their practical applications, and entertaining biographies of the scientists who have blazed the trail of discovery. In a special section, "Timelines," key dates in our quest to understand the quantum world are mapped out alongside landmarks in world history and the history of science. *Q is for Quantum* is an essential companion for anyone interested in particle physics.

—Free Press



See our Web site at [www.sciencenewsbooks.org](http://www.sciencenewsbooks.org)

**A service of  
Science News Books**

**BooksNow** The Virtual Bookstore™

348 East 6400 South, Suite 220, Salt Lake City, UT 84107

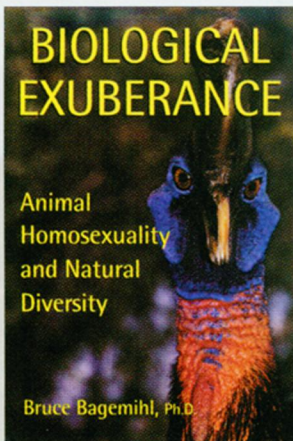
Please send me \_\_\_\_\_ copy(ies) of *Q is for Quantum*. I include a check payable to Books Now for \$35.00 plus \$4.95 postage and handling for the first book (total \$39.95). Add \$2.50 for postage and handling for each additional book.

Name \_\_\_\_\_

Address \_\_\_\_\_

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

Daytime Phone \_\_\_\_\_  
(used only for problems with order)



St. Martin's Press, 1999  
751 pages, 6 1/4" x 8 1/2"  
hardcover, \$40.00

Order by phone for faster service!  
**1-800-266-5766**  
Dept. 1494

Visa, MasterCard, or American Express

See our Web site at  
[www.sciencenewsbooks.org](http://www.sciencenewsbooks.org)

Male gorillas courting and copulating with each other... grizzly bear families with two mother... same-sex pairs of flamingos ... Homosexuality in its myriad forms has been scientifically documented in more than 450 species of mammals, birds, reptiles, insects, and other animals worldwide. *Biological Exuberance* is the first comprehensive account of the subject, bringing together accurate, accessible, and nonsensationalized information.

Drawing upon a rich body of zoological research spanning more than two centuries, Bruce Bagemihl shows that animals engage in all types of nonreproductive sexual behavior. Sexual and gender expression in the animal world displays exuberant variety, including same-sex courtship, pair-bonding, sex, and co-parenting—even instances of lifelong homosexual bonding in species that do not have lifelong heterosexual bonding.

Part 1, "A Polysexual, Polygendered World," begins with a survey of homosexuality, transgendered, and nonreproductive heterosexuality in animals and then delves into the broader implications of these findings, including a valuable perspective on human diversity. Bagemihl also examines the hidden assumptions behind the way biologists look at natural systems and suggests a fresh perspective based on the synthesis of contemporary scientific insights with traditional knowledge from indigenous cultures.

Part 2, "A Wondrous Bestiary," profiles more than 190 species in which scientific observers have noted homosexual or transgender behavior. Each profile contains all the documentation required to support the author's often controversial conclusions.

Lavishly illustrated and meticulously researched, *Biological Exuberance* is a landmark book that will change forever how we look at nature.

—St. Martin's Press

**A SERVICE OF SCIENCE NEWS BOOKS**

**BooksNow** The Virtual Bookstore™

348 East 6400 South, Suite 220, Salt Lake City, UT 84107

Please send me \_\_\_\_\_ copy(ies) of *Biological Exuberance*. I include a check payable to Books Now for \$40.00 plus \$4.95 postage and handling for the first book (total \$44.95). Add \$2.50 for postage and handling for each additional book.

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

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

Daytime Phone \_\_\_\_\_  
(used only for problems with order)