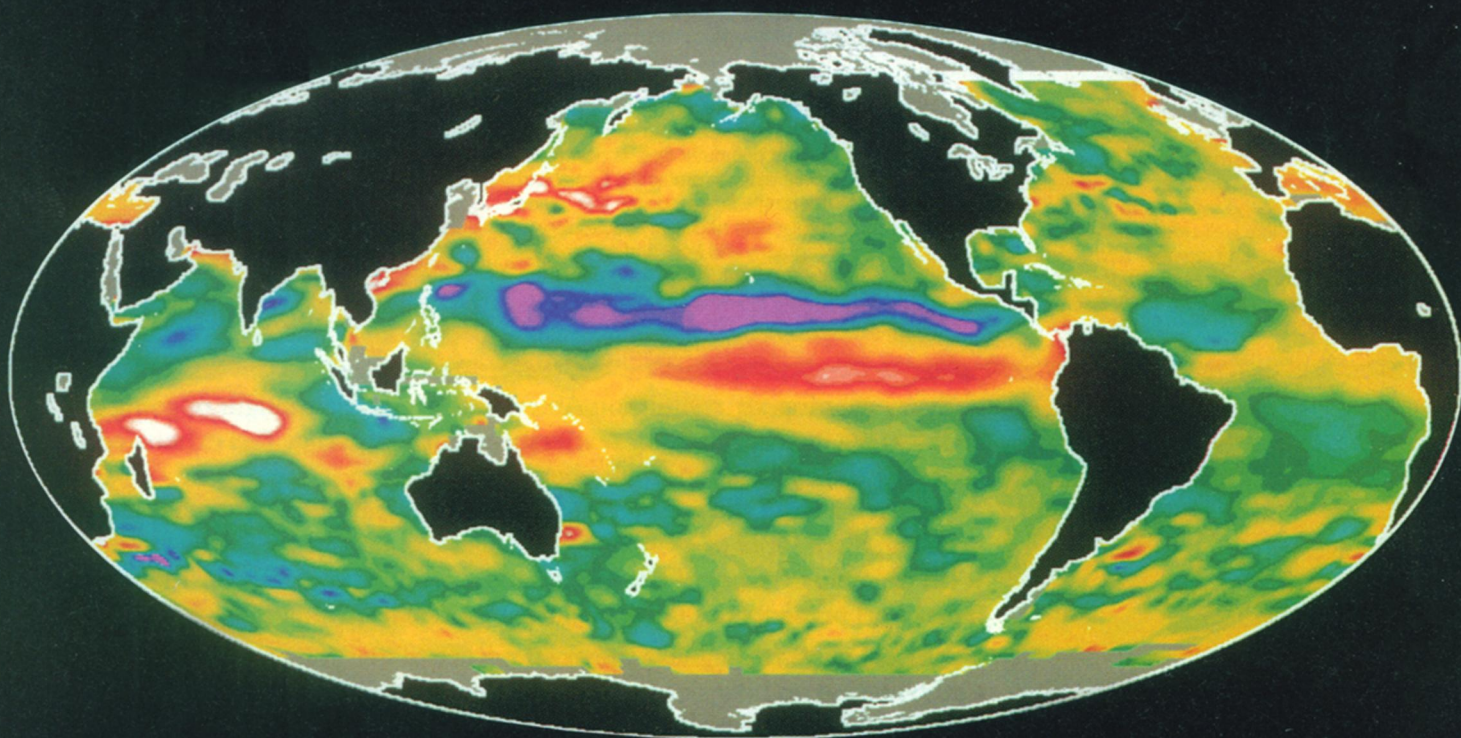


The Weekly Newsmagazine of Science

SCIENCE NEWS

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Beyond El Niño

In *Birdscaping Your Garden*, George Adams combines beautiful art and photographs with a deep understanding and appreciation of North American birds and native plants. Adams explains how birds use plants in their daily and seasonal activities. Then he shows you how you can turn your own yard into a birdscape — a special landscape designed to attract birds.

Everything you need to make your own birdscape is here. Using design principles drawn from nature, Adams explains what you need to include in your birdscape to meet the bird's basic needs: food, water, nest sites, cover and shelter. And he presents encyclopedias of backyard birds and the plants that attract them.

You'll learn to know each bird by sight and song, what conditions it prefers, its habits and favorite foods. The plant encyclopedia includes how-to for over 100 of the best trees, shrubs, vines, groundcovers, grasses, perennials and annuals for birdscaping.

By creating a backyard birdscape using a variety of plants, you'll encourage a multitude of beautiful birds to call your garden home. Your yard will become a living garden, providing countless hours of pleasure for the whole family.

— from Rodale Press



Birdscaping Your Garden



A Practical Guide to Backyard Birds and the Plants That Attract Them

GEORGE ADAMS

Rodale Press, 1994, 208 pages, 8 1/2" x 11 1/4", hardcover, \$29.95



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COBE results are: "The discovery of the century, if not of all time." — Stephen Hawking

On April 23, 1992, NASA's \$150 million COBE (Cosmic Background Explorer) satellite made one of the most monumental scientific breakthroughs of our century: the discovery of the long-sought "ripples in the fabric of space-time." The first book to explore and explain the significance of this dramatic discovery, John Gribbin's *In the Beginning* uses the results to synthesize a startlingly new understanding of the Universe. His portrait gives us a glimpse of the Universe's first birth pangs, the nature of life and the way evolution works, the geography of the Universe and all it contains, and the way in which the "black hole bounce" enables the Universe to reproduce itself. Along the way we learn why the laws of physics should be as they are and whether

human beings have a special place in the living Universe.

Drawing on the latest measurements, John Gribbin also goes beyond the Big Bang to address the questions of how and why the Universe came into being, and what its future evolution holds in store. He contends that the Universe has evolved through Darwinian selection among a multitude of universes competing for existence in space-time.

— from *Little, Brown & Company*

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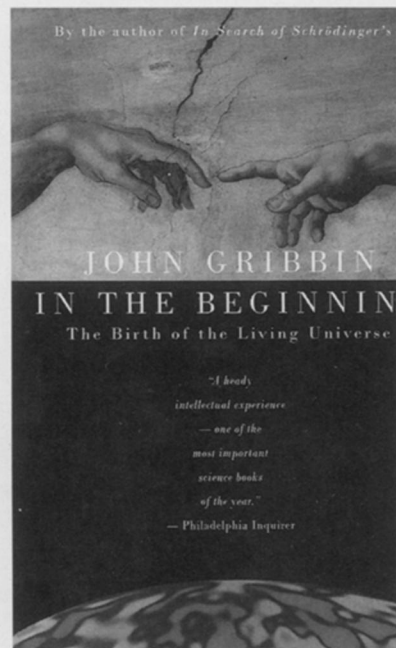
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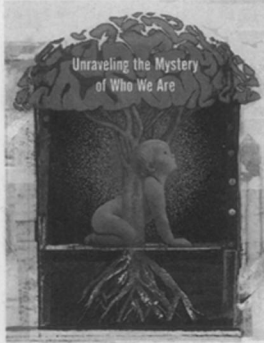


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Little, Brown & Company, 1995, 274 pages, 5 1/2" x 8 1/4", paperback, \$12.95

"Brilliant, exciting, conversationally written."—Publishers Weekly

The Roots of the Self



ROBERT ORNSTEIN

AUTHOR OF *THE EVOLUTION OF CONSCIOUSNESS*

- Why do some meet new people with enthusiasm while others feel dread?
- Why do some shop for Christmas in August while others wait until December 24?
- Why do some relax with TV or books and others with daredevil sports?

Ornstein illuminates the science of the self by showing the intricate building blocks of genetics (sex, eye color, etc.) and environment (family size, birth order, etc.) that shape us from womb to grave, as well as the equally important but little understood bedrock foundations of temperament.

Citing dozens of sometimes startling examples and studies, Ornstein challenges our assumptions about how we become who we are. He shows, for example, that families have little effect on personality but that a tendency toward criminality and violence can indeed be hereditary.

Ornstein reveals the biological basis of extroversion and introversion, organization and spontaneity, and optimism and pessimism to reveal the "basic rootstock of individuality" — and its revolutionary implications. Determining how we will respond to stimuli ranging from light and noise to parties, public speaking, exams, and sexual partners, these three main roots of each unique individual are deep-rooted and enduring. Recognizing them allows us to understand how the individual, like the plant, proceeds to flower differently based on the soil of its environment, treatment by its gardeners, and the whims of weather.

— from *HarperSanFrancisco*



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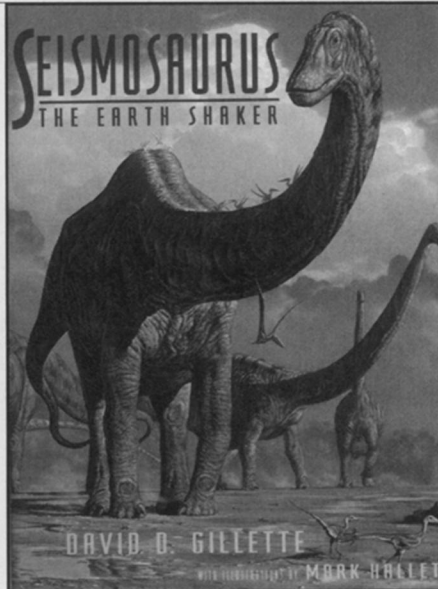
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Columbia University Press,
1994, 205 pages,
8 3/4" x 11 1/4"
hardcover, \$39.95

Seismosaurus: *The Earth Shaker* is a richly illustrated telling of the trials and triumphs of the discovery and excavation of *Seismosaurus hallorum*, the longest dinosaur yet known — and possibly the largest land animal ever to have lived.

This is the first book to explain clearly the science used by paleontologists and the new cutting-edge techniques that led to *Seismosaurus*'s discovery, including such sophisticated machinery as ground-penetrating radar that "looks" for fossils underground with radio waves. David Gillette's first-person account of the project answers the most frequently asked questions about *Seismosaurus*: How was it discovered? How do we know it is a new species? How was it named? And more intriguing still, how did it die? His chronicle also examines sauropods in general.

Meanwhile, Mark Hallett, a consultant on Steven Spielberg's *Jurassic Park*, brings *Seismosaurus* to life in more than eighty marvelous color and black-and-white illustrations.

— from Columbia University

