

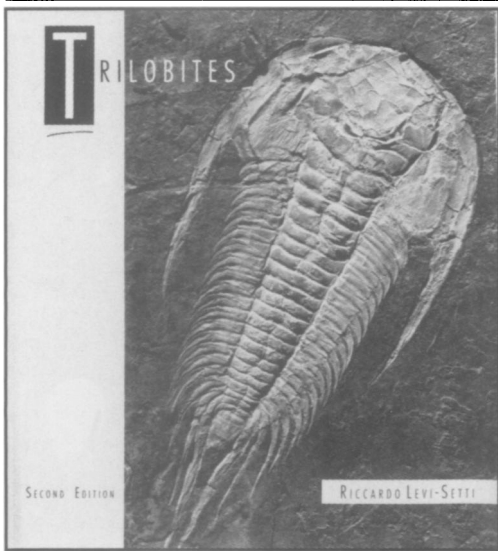
The Weekly Newsmagazine of Science

SCIENCE NEWS

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Pages 365-400

The Quest for Fat





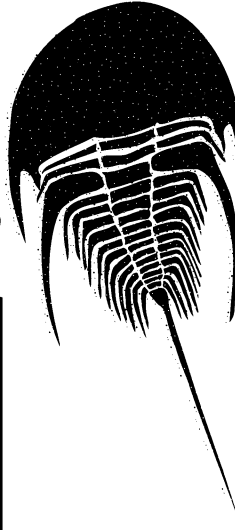
Long before dinosaurs roamed the earth and fish inhabited the oceans, there were trilobites. Magnificently preserved as fossils, trilobites captivate scientists and amateur collectors alike with their stunning beauty and evolutionary importance. In this revised and expanded version of his widely acclaimed book, Riccardo Levi-Setti uses more than two hundred photographs to explore and display the sophisticated structure and visual beauty of these "butterflies of the sea."

Using inventive macrophotographic techniques, Levi-Setti reveals the rich details of complex structures. The photos also suggest how these sea creatures lived and adapted to their changing environment. Although many organisms vanished during a mass extinction 500 million years ago, trilobites continued to flourish in great variety and abundance for millions of years thereafter.

Levi-Setti documents their persistence through time with specimens that exhibit the rich array of trilobite diversity. But this is more than a catalog of natural beauty; it is also an engaging commentary on the history of life on earth. By presenting the array of trilobite families and analyzing how their sizes and shapes changed through geological time, Levi-Setti shows how trilobites contribute to our understanding of evolution.

—from the University of Chicago Press

The University of Chicago Press, 1993, 342 pages, 8¾" x 9½", hardcover, \$45.00



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

Please send me _____ copy(ies) of **Trilobites**. I include a check payable to Science News Books for \$45.00 plus \$2.00 postage and handling (total \$47.00) for each copy. Domestic orders only.

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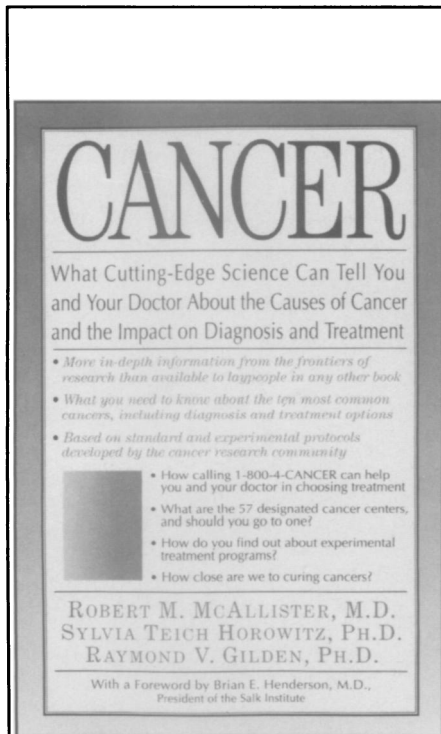
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Providing more in-depth information from the frontiers of cancer research than any other book for nonspecialists, this book is a gold mine of cutting-edge information.

Written by a physician, a biochemistry professor, and a scientist at the forefront of research, this book arms you with authoritative answers to vital questions.

The book is divided into three informative parts. Part I tells the history of scientists' efforts to understand and vanquish this ancient enemy.

Part II moves from the laboratory to the hospital to discuss the latest findings on diagnosis and treatment, including everything you need to know about participating in an experimental treatment program.

Part III draws on protocols developed by the National Cancer Institute to discuss the ten most common cancers. For each type, the authors describe symptoms, diagnosis, and stages, and present the latest information on incidence, mortality, known or possible causes, medical interventions, and significant new research.

Here is timely and authoritative information that all cancer patients, their families, and their caregivers need to know. —from *Basic Books*

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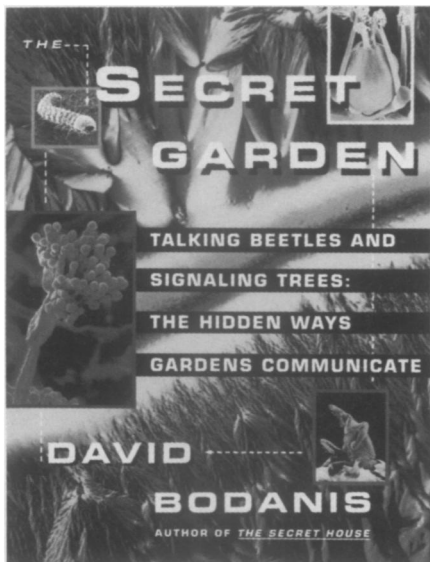
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Basic Books, 1993, 329 pages, 6¼" x 9½", hardcover, \$22.00

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*Simon & Schuster, 1992, 187 pages,
7" x 9", paperback, \$14.00*

Every day in the hours between dawn and dusk, in gardens and backyards everywhere, a curious invisible world comes to life around us and beneath our feet. In *The Secret Garden*, David Bodanis takes us on an eye-opening journey through this mysterious domain where plants and insects engage daily in a Darwinian epic of survival.



Ants navigate through a forest of grass blades, forming networks that act as a living "computer" to gather intelligence from the world above. Caterpillars attack a shrub, which in turn sends up a chemical signal to call for help from a passing wasp. Roots from different plants battle one another underground with sophisticated chemical weapons, releasing poisonous gases into the soil. A tiny triungulin, the juvenile form of a common beetle, launches itself from a geranium leaf to latch on to a passing bee. Through it all wander a couple who are oblivious to the activity taking place around them and unaware of the effect their very presence has on the garden's environment.

David Bodanis guides us through the terrain of the familiar yet unseen world around us and brilliantly transforms it. Written with a witty style that *The Washington Post* called "marvelously captivating" and illustrated throughout with state-of-the-art microphotographs, *The Secret Garden* is an astonishing book that will fascinate and delight anyone who has ever set foot in a garden. — from *Simon & Schuster*

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SecretGard

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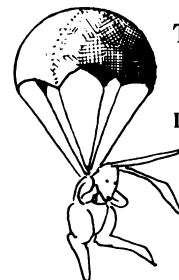
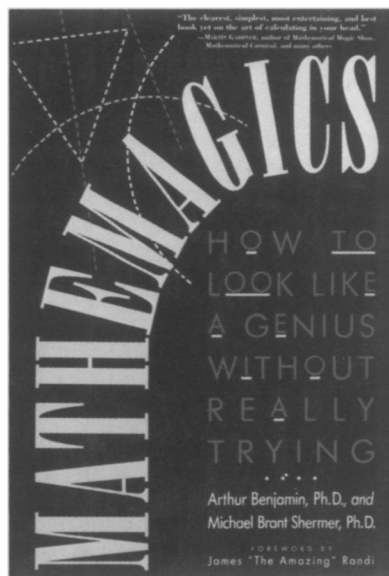
RB1967

Art Benjamin is not only a mathematician and a "lightning calculator," he is an entertainer who shows you how to get the maximum effect out of the four basic math skills. Learn how to add, subtract, multiply, and divide faster than someone with a calculator.

Mathemagics makes numbers handy and interesting again by giving you tricks and techniques that make calculating in your head not only easy but positively thrilling. Even your ability to remember numbers will dramatically improve.

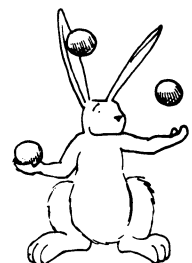
It isn't that Art Benjamin is somehow genetically predisposed to this kind of thing; you can learn to do everything he does. These techniques are natural and efficient ways of using math and they are tailored to the kind of math you face every day.

- Calculate instantly how many gallons of gas you can get with \$20.
- Memorize phone numbers and dates with ease.
- Speedily divide up the bill with friends at a restaurant. — from *Lowell House*



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Lowell House, 1993,
218 pages, 6 1/4" x 9 1/4",
hardcover, \$22.95



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

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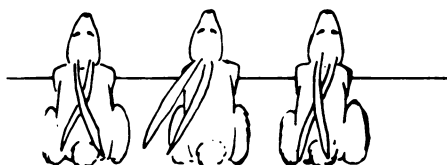
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Houghton Mifflin Co., 1993,
148 pages, 5 1/4" x 8 1/4",
hardcover, \$18.95

Science News Books HidLifeDogsH
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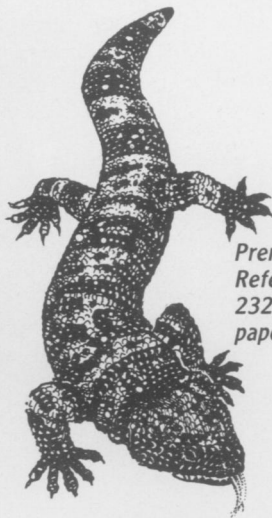
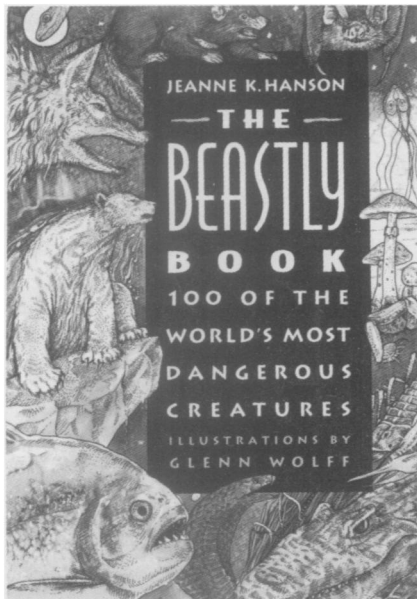
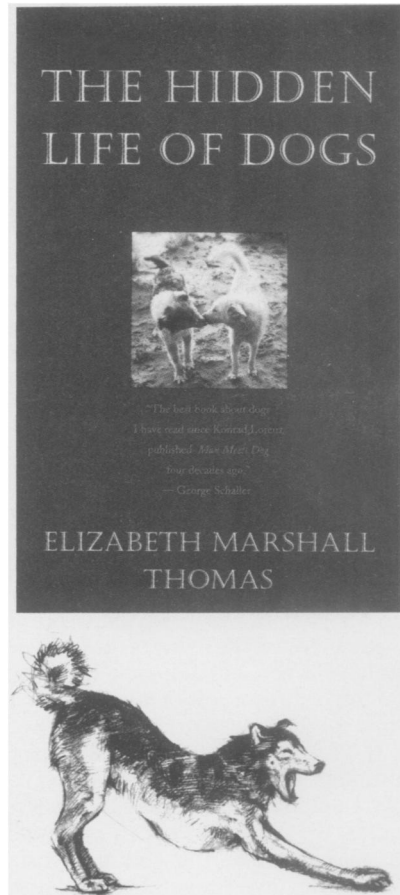
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In this beautiful account of thirty years of living with dogs, wolves, and dingoes and of the ways their lives intertwined with her own, the novelist and anthropologist Elizabeth Marshall Thomas brings us a completely new understanding of dogs by writing a sort of deeply truthful ethological poem, a loving yet absolutely unsentimental chronicle of the lives of a dozen dogs based on hundreds of thousands of hours of observation.

Watch the Thomas dogs forming themselves surreptitiously into the domestic equivalent of a wolf pack. Read this book, and you will learn more about how dogs think, and what dogs want, than you have ever suspected.

The Hidden Life of Dogs is a poignant, entertaining, sometimes heartbreaking book, vividly illustrated with drawings of the ways dogs behave. This is no training manual (Thomas doesn't train her dogs, but lets them train themselves), nor an abstract disquisition on canines. But whether or not a dog is part of your life, and no matter how much you think you know already, you will learn something new about dogs here — something no other book will tell you. — from Houghton Mifflin Co.



Prentice Hall General Reference, 1993,
 232 pages, 6" x 9 1/4",
 paperback, \$12.00

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Did You Know That:

- The poison of the puffer fish is 275 times more toxic than cyanide
- The venomous black widow spider lives in all 48 contiguous states
- Mosquitoes have caused more deaths than all human wars combined

These are just some of the fearsome creatures you'll meet in this captivating volume. From restless sharks, man-eating tigers, and carnivorous bears to flying snakes, venomous insects, and slithering reptiles, gathered here are 100 of the most dangerous creatures on Earth. In an entertaining text separating fact from folklore, the author reveals the fascinating natural history of a compelling array of species that can prove deadly, while taking a closer look at animals whose mythical dangers have been highly overrated. Beautifully illustrated by a leading wildlife artist, *The Beastly Book* is above all a celebration of the marvels of evolution and the role that every one of these creatures plays in the natural world.

— from *Prentice Hall General Reference*