

The Weekly Newsmagazine of Science

# SCIENCE NEWS

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## The Ecology of Cities

**T**hough it will come as no surprise to anyone who has ever loved a dog, tales about our canine cousins—some mythical, some true—have been circling the globe since the dawn of time. There are even oral narratives that place man's best friend at the foot of God.

From this genesis we can travel to the year 1587, when Mary, Queen of Scots, faithful Maltese hid underneath his mistress' petticoats during her beheading. History tells us that the little dog survived the queen's untimely death only to die of grief.

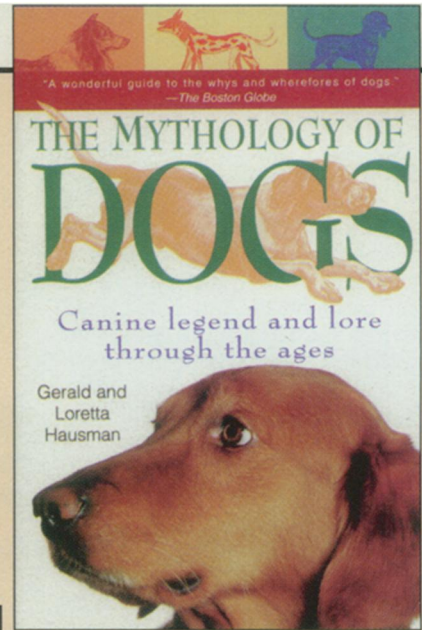
We pick up the trail in America during the Revolutionary War, when General Howe's mastiff accidentally wandered behind enemy lines. This dog, of fine English breeding, was saved



by none other than General George Washington, who fed the lost pup and sent him promptly back to his British owner under a flag of truce.

For over 3 decades, Gerald and Loretta Hausman have been tracking down the best myths, legends, and lore that celebrate our canine friends. The result is this magnificent collection of dog stories, from the best-loved shaggy dog tale to the most obscure story dating back to seventh century Tibet. From the Afghan to the Yorkie, *The Mythology of Dogs* covers 67 major breeds and is illustrated with photographs and drawings of all the dogs.

—from St. Martins Press



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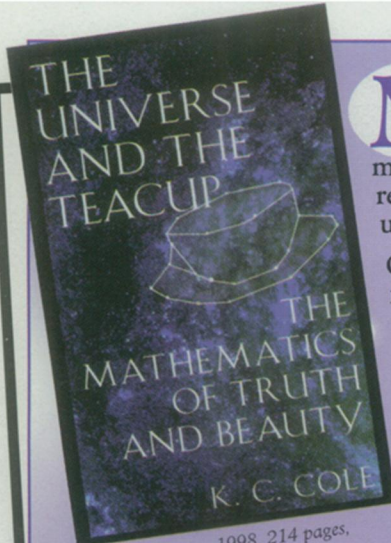
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St. Martins Press, 1997, 278 pages 6" x 9", paperback, \$12.95

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Harcourt Brace, 1998, 214 pages, 5 1/2 x 8 1/2" hardcover, \$22.00

**M**athematics expands the reach of the human mind, puts us in touch with the tiniest particles of physics, and takes us to the outermost reaches of the cosmos. Perhaps because of its power and its abstraction, math scares many people. *The Universe and the Teacup* is a poetic and passionate book that reveals how the tools of mathematics get us to these fundamental truths and shows us why math need not be intimidating.

Organized into five sections, *The Universe and the Teacup* explores issues ranging from causes and effects to fairness to the physical reality of the world. As Cole writes, "The way we view ourselves is closely connected to what we know—or think we know—about objective aspects of nature. Math tells us truths not only about how gravity works—the better to build bridges—but also universal truths that influence how we think and feel—the better to build societies."

Math helps us break the mind barrier; in its elegance, it simplifies problems so we can understand and solve them. Our search for the truths of the universe could not succeed without math. As K.C. Cole unearths the incredible story of Emmy Noether, a brilliant mathematician in a sexist world, and Albert Einstein, who championed her and her theories until her untimely death, we follow her on an amazing

journey that begins in the human mind and ends at the edges of the universe. —from Harcourt Brace

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