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**Action against
Bleeding**

NOAH'S FLOOD

THE NEW SCIENTIFIC DISCOVERIES
ABOUT THE EVENT THAT CHANGED HISTORY

WILLIAM RYAN
& WALTER PITMAN



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Could the people who fled the Black Sea flood and their descendants preserved the stories that became the myths we know today? Ryan and Pitman show how illiterate story-tellers in our own century still recited lengthy tales through the ages with remarkable fidelity. So, they argue, the mythology of the Great Flood is an oral narrative, preserving the memory of a traumatic event—the great divide in human history.

—from Simon & Schuster

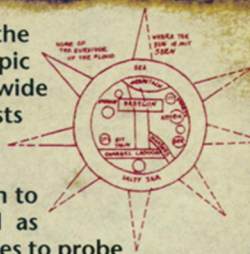
Simon & Schuster, 1998, 319 pages, 6 1/4" x 9 1/4", hardcover, \$25.00

For thousands of years, the legend of a great flood has endured in the biblical story of Noah and in such Middle Eastern myths as the epic of Gilgamesh. Few scientists believed that such a catastrophic worldwide deluge actually occurred. But now two distinguished geophysicists have discovered an event that changed history, a sensational flood 7,600 years ago in what is today the Black Sea.

The end of the Cold War enabled William Ryan and Walter Pitman to team up with oceanographers from Bulgaria and Russia, as well as Turkey, to explore the Black Sea. Using sound waves and coring devices to probe the sea floor, they discovered clear evidence that this inland body of water was once a vast freshwater lake lying hundreds of feet below the level of the world's rising oceans. Sophisticated dating techniques confirmed that 7,600 years ago the mounting seas burst through the narrow Bosphorus valley, and the salt water of the Mediterranean poured into the lake with great force, racing over beaches and up rivers, destroying or chasing all life before it. The margins of the lake—a Garden of Eden

for an advanced culture in a vast region of semi-desert—became a sea of death. The people fled never to return.

The authors explore the exciting archaeological, genetic, and linguistic evidence suggesting that the flood rapidly created a human diaspora that spread as far as Western Europe, Central Asia, China, Egypt, and the Persian Gulf.



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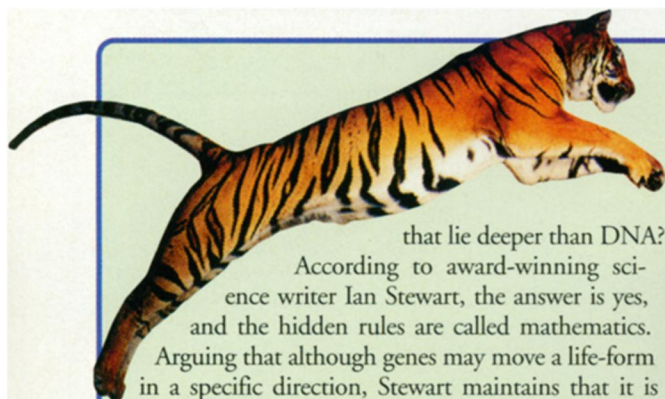
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Is there an underlying set of principles that connects the pattern of a tiger's stripes with the design of a butterfly's wings? Are there hidden laws of life

that lie deeper than DNA?

According to award-winning science writer Ian Stewart, the answer is yes, and the hidden rules are called mathematics.

Arguing that although genes may move a life-form in a specific direction, Stewart maintains that it is the mathematical laws of chemistry and physics that control an organism's response to its genetic instructions. With such reasoning, he explores a realm of pattern and beauty that links the pulse of life with the creative enterprise of mathematics.

Life's Other Secret teems with surprising insights. Stewart describes how complexity theory may help explain the origin and evolution of life, and how the Fibonacci number sequence of 1, 2, 3, 5, 8, 13, 21, 34. . . seems to rule the number of petals, stamens, and other parts of most plant life. He traces the mathematical order in flocks of birds, crowds of humans, and the firing patterns of fireflies. The very nerve cells that relay the perception of these natural phenomena to the brain are most accurately described by mathematical models.

He leads us to a place where numbers and nature coalesce and where the order of mathematics manifests itself in life.

—from John Wiley & Sons



IAN STEWART

John Wiley & Sons, 1998
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