

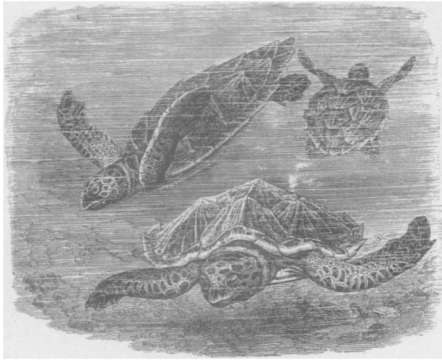
The Weekly Newsmagazine of Science

SCIENCE NEWS

June 8, 1991
Vol. 139, No. 23
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Vanishing Neandertals



Decline of the Sea Turtles

Causes and Prevention

National Research Council

National Academy Press, 1990, 259 pages,
6" x 9", paperback, \$14.95

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

DeclineTurtl

Please send _____ copy(ies) of *Decline of the Sea Turtles*. I include a check payable to Science News Books for \$14.95 plus \$2.00 postage and handling (total \$16.95) for each copy. Domestic orders only.

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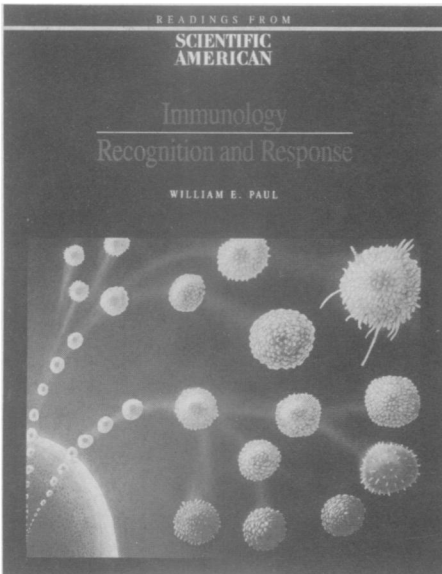
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RB1433

The threats to the world's sea turtle populations have created poignant images and bitter debates, the most publicized being that involving shrimpers, conservationists, the National Marine Fisheries Service and the United States Fish and Wildlife Service over the controversial turtle excluder devices. Other threats to the sea turtle species are those that also affect other parts of the marine ecosystem, such as plastic wastes in the seas. *Decline of the Sea Turtles* explores these threats in detail to provide sound, scientific conclusions on which dangers are greatest and how they can be addressed most effectively. It also offers a fascinating and informative overview of sea turtle species — Kemp's ridley, leatherback, hawksbill, green turtle and loggerhead. The volume discusses sea turtles' feeding habits, preferred nesting areas and migration routes; examines their status in U.S. waters, presenting findings on where the overlap between sea turtle and human activity is most dangerous for the turtles; and cites examples of conservation measures under way and under consideration.

— from the publisher



READINGS FROM
SCIENTIFIC AMERICAN
Immunology
Recognition and Response

WILLIAM E. PAUL

The immune system is a remarkable defense that has enabled humans and other complex vertebrates to flourish in an environment teeming with potentially pathogenic microorganisms. The consequences of an impaired immune system can be tragic, as in the case of those afflicted with combined immunodeficiency disease. Many of the most interesting scientific questions and most important medical advances of this century spring from immunology. Understanding the immune system has helped us to manage and, in some instances, eradicate disease.

This new collection of 12 articles from *Scientific American* illustrates key facets of the immune system, providing a striking picture of our defense against infectious agents. The book's five sections discuss both immunological theory and applications in current biomedical research that show promise in treating cancer, diabetes and AIDS. Written by the best possible reporters — the scientists working at the forefront of their disciplines — these articles present clear, factual information at the cutting edge of science.

— from the publisher

Divided into sections on:

- Clonal selection theory;
- The cellular and molecular basis of immunological recognition;
- Regulatory and effector mechanisms of the immune response;
- Autoimmunity and cellular therapy; and
- Monoclonal antibodies and their application.

W.H. Freeman, 1991, 168 pages, 7 1/4" x 9", paperback, \$12.95

Science News Books

Immunology

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Please send me _____ copy(ies) of *Immunology: Recognition and Response*. I include a check payable to Science News Books for \$12.95 plus \$2.00 postage and handling (total \$14.95) for each copy. Domestic orders only.

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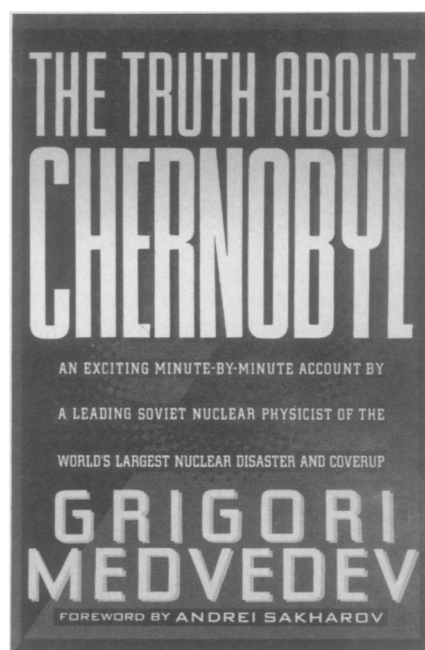
RB1432

This is a passionate, powerful account of what happened at Chernobyl by Grigori Medvedev, the chief engineer at the time of the plant's construction in 1970. Sixteen years later, he returned to Chernobyl to investigate the worst nuclear accident in history. Although nothing required him to do more than make an official report from the safe distance of several miles away, he felt compelled to go into the plant to determine what had happened and why. He interviewed virtually every major participant, including key figures who died from radiation sickness within weeks.

The story — written as a countdown — is replete with high drama and heroism: firefighters who worked without protective gear, doctors who treated patients emitting radiation and turbine operators who narrowly prevented the fire from jumping to other units. Here too is absurdity and incompetence galore: the accident itself was caused by a simple test of the emergency systems to be used in the event of an electrical power failure. Basic safety precautions were nonexistent.

The Truth About Chernobyl is a primary document of vital significance and a powerful statement of the dangers of nuclear power.

— from the publisher



Basic Books, 1991,
274 pages,
6½" x 9½",
hardcover, \$24.95

"A slender classic in the history of nuclear power, one that is shocking in its revelations, gripping in its drama and chilling in its implications."

— New York Times Book Review

"Almost explodes in the reader's hands . . . there are moments of pure Tolstoy."

— Los Angeles Times Book Review

Science News Books

TruthChernH

1719 N Street, NW, Washington, DC 20036

Please send me _____ copy(ies) of **The Truth About Chernobyl**. I include a check payable to Science News Books for \$24.95 plus \$2.00 postage and handling (total \$26.95) for each copy. Domestic orders only.

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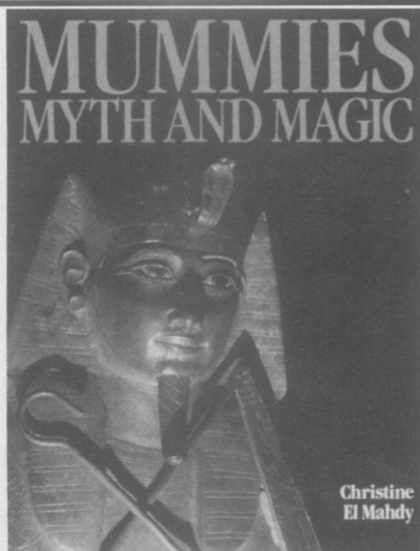
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RB1431



In this definitive book of the mummy and the Egyptian way of death, Christine El Mahdy reveals how the practice of mummification arose, how it was perfected and how it came to play a central part in the ancient Egyptian quest for eternal life. In medieval times mummies were crushed to become aphrodisiacs; a hundred years ago the "unwrapping of a mummy from Egypt" was billed as an entertainment; and the 20th century has created its own superstition in the fabled "Curse of the Pharaohs." Yet the present century has also witnessed the birth of the first truly scientific study of mummies, culminating in the major projects currently under way all around the world.

Mummies, Myth and Magic gives for the first time a full account of the work in progress in Europe and the United States to discover from mummies how the ancient Egyptians lived — what they ate, the illnesses they suffered from, the medical techniques available to help them and how they died. Controversial issues such as the rehydrating of tissue and the attempt to clone cells from long-dead pharaohs are also addressed.

Featuring specially commissioned diagrams of tombs and royal burial chambers, and a Factfile listing mummies held by major international museums and institutions, this is the most comprehensive volume yet produced on an eternally fascinating subject.

— from the publisher

Science News Books

MummiesMyth

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Please send me _____ copy(ies) of *Mummies, Myth and Magic*. I include a check payable to Science News Books for \$15.95 plus \$2.00 postage and handling (total \$17.95) for each copy. Domestic orders only.

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RB1430

Thames and Hudson, 1989,
192 pages, 7" x 9",
paperback,
\$15.95

