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Before the Indians — Björn Kurtén. According to this well-known paleontologist, the fauna of the Ice Age in North America included many animals of native origin, but also some that had come from South America, Asia, Europe and Africa. This beautifully illustrated book traces the history of these animals as it unfolded during more than 3 million years before humans entered North America. The last chapter recounts the arrival of humans and the final demise of much of the Ice Age fauna. This story, the author says, is full of riddles, problems and unanswered questions, posing new challenges to the student of paleontology. Columbia U Pr, 1988, 158 p., illus., \$29.95.

Biotechnology and Materials Science: Chemistry for the Future — Mary L. Good, Ed. Biotechnology and materials science come together through the science of chemistry; they both depend on the ability to manipulate chemical structure. These essays tell of the chemical developments that made possible present-day biotechnology, detail some recent achievements in biotechnology and outline areas where important advances may be expected. Essayists discuss chemical research in materials science, some of chemistry's contributions to this interdisciplinary field and future possibilities. Am Chemical, 1988, 135 p., color/b&w illus., \$24.95, paper, \$14.95.

Eve and the Apes — Emily Hahn. Profiles nine women who, by accident or design, came to care for, know, study and love the great apes. Tells of the apes these women had in their charge, such as Anumá, the first chimpanzee born in captivity, and Koko, the first gorilla to learn sign language. Weidenfeld, 1988, 180 p., illus., \$17.95.

The Facts On File Dictionary of Biology — Elizabeth Tootill, Ed. Provides more than 3,000 entries defining the important and commonly used biological terms. Extensively cross-referenced and containing some 40 line drawings illustrating various biological structures. Facts on File, 1988, revised ed., 326 p., illus., \$19.95.

The Facts On File Dictionary of Chemistry — John Daintith, Ed. This revised and expanded dictionary contains some 2,500 entries that explain commonly used chemical terms. Well cross-referenced and illustrated with line drawings. Facts on File, 1988, revised ed., 249 p., illus., \$19.95.

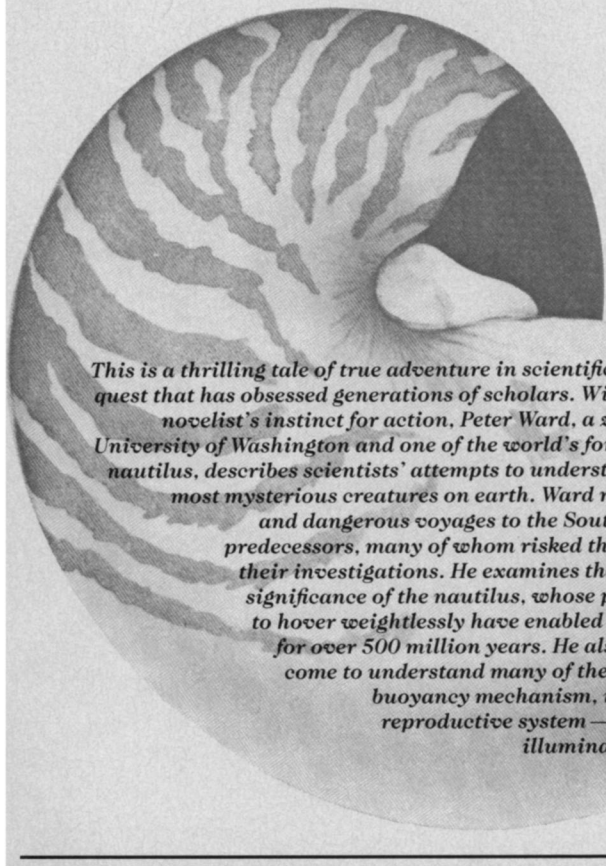
Fire in the Crucible: The Alchemy of Creative Genius — John Briggs. This book explores the findings of the leading creativity researchers and examines the lives of such geniuses as Beethoven, Einstein, Picasso, Edison, Woolf and Da Vinci as revealed in biographies, autobiographies and observations about creativity made by creators themselves. Briggs concludes that geniuses are not necessarily smarter or more talented than other people, but are simply more aware of nuances, contradictory feelings and perceptions that other people, for the most part, ignore. St. Martin, 1988, 382 p., illus., \$18.95.

Gravity's Lens: Views of the New Cosmology — Nathan Cohen. This book, covering for the general reader the recent developments in cosmology, is in two parts. The first provides background by considering some of the important aspects of cosmology through the centuries. Part two covers discoveries of the last decade, such as gravitational lenses, cosmic strings, inflationary universe theory and bubbles and voids. Wiley, 1988, 237 p., color/b&w illus., \$19.95.

The Practical Archaeologist: How We Know What We Know About the Past — Jane McIntosh. A beautifully illustrated introduction to archaeology for the general reader. Covers the history, methods, techniques and achievements of this science, which studies the artifacts of the past. Originally published in hardback in 1986. Facts on File, 1988, 192 p., color/b&w illus., paper, \$12.95.

The Relativity of Wrong — Isaac Asimov. A collection of 17 science essays exploring such topics as the discovery of stars, the Milky Way, Uranus and bone. The title essay discusses the philosophical implications of "right" and "wrong" and investigates their impact on the evolution of scientific theory. Doubleday, 1988, 225 p., \$17.95.

Weather Systems — Leslie F. Musk. A well-illustrated introduction to worldwide meteorology and weather systems for the general reader, written by a University of Manchester (England) professor. Cambridge U Pr, 1988, 160 p., illus., paper, \$11.95.



IN SEARCH OF NAUTILUS

By
Peter Douglas Ward

Simon & Schuster, 1988, 238 pages,
6 1/4" x 9 1/2", hardcover, \$19.95
ISBN 0-671-61951-9

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This is a thrilling tale of true adventure in scientific discovery, the story of a quest that has obsessed generations of scholars. With an eye for detail and a novelist's instinct for action, Peter Ward, a zoologist/geologist at the University of Washington and one of the world's foremost authorities on the nautilus, describes scientists' attempts to understand one of the oldest and most mysterious creatures on earth. Ward recounts his own exciting and dangerous voyages to the South Pacific and those of his predecessors, many of whom risked their very lives to continue their investigations. He examines the enormous evolutionary significance of the nautilus, whose powerful jaws and ability to hover weightlessly have enabled it to survive and flourish for over 500 million years. He also describes how we have come to understand many of the nautilus' mysteries — its buoyancy mechanism, its nightly migrations, its reproductive system — and in so doing offers an illuminating glimpse of scientists practicing science.

— from the publisher