

# Books

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**The Cambridge Illustrated Dictionary of Natural History** — R.J. Lincoln and G.A. Boxshall. This dictionary with comprehensive coverage of living, and some fossil, organisms consists of concise definitions explaining the meaning or essential concept of a term or briefly outlining the characteristics of a group of organisms. Illustrated with line drawings. Cambridge U Pr, 1987, 413 p., illus., \$24.95.

**The Fourth World: The Heritage of the Arctic and Its Destruction** — Sam Hall. The old hunting culture of the Eskimos is being threatened by industrial development. If the Arctic is to be developed responsibly, says the author, it is important to understand the effects of the developed world on Eskimo culture. This book traces the Eskimo migrations from Siberia to Alaska, Canada and Greenland, shows how the Eskimos lived and points up the reasons for their ability to survive in this harsh climate. Tells of explorers, missionaries, hunters and traders who traveled to the north and whose contact with the Eskimos contributed to the erosion of the Eskimo culture. Describes the realities of the Arctic today, discusses the political awareness that is emerging among minority groups in the Arctic and looks at the future and the challenges in the Arctic. Knopf, 1987, 240 p., maps, \$17.95.


**The Natural History of Lakes** — Mary J. Burgis and Pat Morris. A well-illustrated introduction to the science of lakes. Describes lake formation, seasonal patterns, properties of lake waters and the plants and animals that inhabit lakes. Many lakes around the world are described, including Lake Baikal in the Soviet Union (the deepest in the world), Lake Chad in Africa and the Dead Sea in Asia. Discusses uses, abuses and conservation of these complex, dynamic and, in many cases, fragile systems. Cambridge U Pr, 1987, 218 p., color/b&w illus., \$29.95.

**The Space Station: A Personal Journey** — Hans Mark. A former deputy administrator of NASA tells the story behind the events leading up to the historic decision to develop a permanently manned orbiting space station. Debate over the program continues. This account presents a view of science policy and politics during the last two administrations. The last chapter discusses the Challenger tragedy and the future of the United States in space. Duke U Pr, 1987, 264 p., illus., \$24.95.

**The Tradition of Science: Landmarks of Western Science in the Collections of the Library of Congress** — Leonard C. Bruno. Organized by traditional scientific disciplines and treated in historical order, these well-illustrated bibliographic essays examine for the general reader significant original editions and other landmark works in the science collections of the Library of Congress. Library of Congress(GPO), 1987, 351 p., color/b&w illus., \$30.

**Who Got Einstein's Office?: Eccentricity and Genius at the Institute for Advanced Study** — Ed Regis. The Institute in Princeton, N.J., founded in 1933, has been host to 14 Nobel Prize winners and to many of the leading 20th-century scientists. Humanists have come to the Institute as well, but in far smaller numbers than scientists. The story of the Institute, says the preface, is the story of its scientists. Here one learns about these scientists, including Einstein, Oppenheimer and von Neumann, and their work and lives at the Institute. Addison-Wesley, 1987, 316 p., illus., \$17.95.

**The World of Physics: A Small Library of the Literature of Physics from Antiquity to the Present, 3 Volumes** — Jefferson Hane Weaver. A three-volume anthology of the important writing in physics from antiquity to the present. The first volume covers physics from antiquity to the end of the 19th century, the second volume spans the first half of the 20th century with the development of the theory of relativity and quantum theory, and the third volume covers the applications of the theories and a variety of phenomena such as black holes and the evolution of the universe. Chosen for the general reader, most of the selections are free of equations and technical jargon. Includes both the classic works and lesser-known articles that treat significant events in the history of physics. In addition to the original papers, explanatory materials and commentaries on the original papers are included, as well as biographical sketches of the scientists. S&S, 1987, 2,948 total p., illus., 3 vols boxed set, \$90, each vol., \$29.95.



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