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Annual Review of Cell Biology, Vol. 1—George E. Palade, Ed. This is the first volume of a new Annual Review series covering the merging fields of cellular and molecular biology. Annual Review, 1985, 580 p., illus., \$27.

Magnificent Voyagers: The U.S. Exploring Expedition, 1838-1842—Herman J. Viola and Carolyn Margolis, Eds. The story of this four-year scientific expedition, its collections and accomplishments. Includes much about the early history of the Smithsonian Institution, which was finally the recipient of the expedition's specimens. The expedition's collection became the nucleus of the National Museum. See SN: 12/21&28/85, p. 407. Smithsonian, 1985, 303 p., color/b&w illus., \$35, paper, \$17.50.

Mankind's Comet: Halley's Comet in the Past, the Future, and Especially the Present—Guy Ottewill and Fred Schaaf. This oversized book includes a detailed history of the appearances of Halley's comet from 1404 BC to the present, together with charts of the comet's path to the year 2061. Most of the comet's visits are of one general kind; in a few, including 1985-86, the comet moves in a markedly different way across the sky. A chapter considers the similarities and differences of the comet's paths. Comets are discussed in detail and the character of Halley's comet is detailed. The 85-86 visit is described including the spacecrafts that are to visit the comet and a narrative calendar of comet events and movements. The next two visits of the comet, both of which will afford better viewing from earth, are described. Astron Cal, 1985, 193 p., illus., paper, \$22.

Niels Bohr: A Centenary Volume—A. P. French and P. J. Kennedy, Eds. Eminent British physicist G. P. Thomson said of Niels Bohr that "Bohr's influence on science is only partially expressed in his published work, great as this was. He led science through the most fundamental change of attitude it has made since Galileo and Newton, by the greatness of his intellect and the wisdom of his judgments. But quite apart from their unbounded admiration for his achievements, the scientists of all nations felt for him an affection which has perhaps never been equalled." This tribute combines penetrating assessments by outstanding scientists with selections from some of Bohr's most influential writings. Harvard U Pr, 1985, 403 p., illus., \$27.50. (See p. 26.)

QED: The Strange Theory of Light and Matter—Richard P. Feynman. A straightforward explanation of the theory of quantum electrodynamics for a nontechnical audience. "It is designed," says the preface, "to give the interested reader an appreciation for the kind of thinking that physicists have resorted to in order to explain how Nature behaves." Princeton U Pr, 1985, 158 p., illus., \$18.50.

Twenty Years Before the Mast—Charles Erskine. A reprint of an 1890 edition of a sailor's account of his experiences on the U.S. Exploring Expedition, 1838-1842. Numerous drawings illustrate the fascinating text. Smithsonian, 1985, 311 p., illus., paper, \$4.95.

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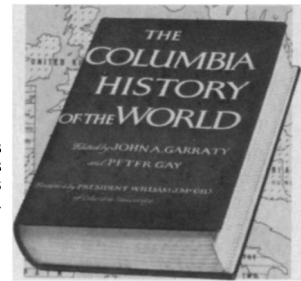
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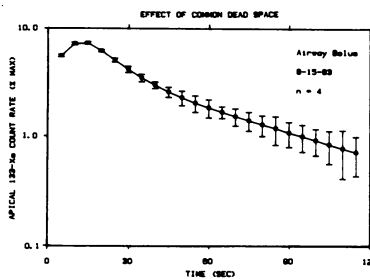
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