

Schopf's illustrations of new microfossils from the 3500-million-year-old Warrawoona Group, compelling in the original, are indecipherable as printed here. Many graphs are also difficult to read. One editor's name is even misspelled on the cover. In addition, the price tag encourages rumination on how a little thought and a diskette or two could have trimmed the book's bulk by half, increased the space available for thoughtful essays, and reduced the price to a level where more scientists could afford a copy.

Despite its shortcomings, however, *The Proterozoic Biosphere* is an important resource that should find its way into libraries. Anyone with a serious interest in the half of recorded Earth history encompassed by the Proterozoic Eon will want to consult it for data compilations, references, and skeletal discussions of life's evolutionary maturation.

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Books Received

Abortion, Medicine, and the Law. J. Douglas Butler and David F. Walbert, Eds. 4th ed. Facts on File,

New York, 1992. xxii, 890 pp., illus. \$65.

Absolute Zero Gravity. Science Jokes, Quotes, and Anecdotes. Betsy Devine and Joel E. Cohen. Simon and Schuster, New York, 1992. 162 pp., illus. Paper, \$8.

Beyond Deficiency. New Views on the Function and Health Effects of Vitamins. Howerde E. Sauberlich and Lawrence J. Machlin, Eds. New York Academy of Sciences, New York, 1992. x, 404 pp., illus. Paper, \$125. Annals of the New York Academy of Sciences, vol. 669. From a conference, Arlington, VA, Feb. 1992.

Chemical Graph Theory. Reactivity and Kinetics. Danail Bonchev and Dennis H. Rouvray, Eds. Gordon and Breach, Philadelphia, 1992. xii, 266 pp., illus. \$60; to institutions, \$120. Mathematical Chemistry, vol. 2.

Disease and Demography in the Americas. John W. Verano and Douglas H. Ubelaker, Eds. Smithsonian Institution Press, Washington, DC, 1992. x, 294 pp., illus. \$62. From a symposium, Washington, DC, Nov. 1989.

Extinction. Bad Genes or Bad Luck?. David M. Raup. Norton, New York, 1992. xviii, 210 pp., illus. Paper, \$9.95. Reprint, 1991 ed.

Finite Difference Equations. H. Levy and F. Lessman. Dover, New York, 1992. viii, 278 pp., illus. Paper, \$7.95. Dover Books on Advanced Mathematics. Reprint, 1961 ed.

A Guide to Feynman Diagrams in the Many-Body Problem. Richard D. Mattuck. 2nd ed. Dover, New York, 1992. xvi, 429 pp., illus. Paper, \$11.95. Dover Books on Physics and Chemistry. Reprint, 1976 ed.

Harmonic Maps. Selected Papers of James Eells and Collaborators. World Scientific, River Edge, NJ, 1992. xii, 438 pp., illus. \$65.

The Invention of Physical Science. Intersections of Mathematics, Theology and Natural Philosophy Since the Seventeenth Century. Essays in Honor of Erwin N. Hiebert. Mary Jo Nye, Joan L. Richards, and Roger H. Stuever, Eds. Kluwer, Norwell, MA, 1992. xxxiv, 275 pp., illus. \$99. Boston Studies in the Philos-

ophy of Science, vol. 139.

John von Neumann. Norman Macrae. Pantheon, New York, 1992. x, 406 pp., illus. \$25.

Keywords in Evolutionary Biology. Evelyn Fox Keller and Elisabeth A. Lloyd, Eds. Harvard University Press, Cambridge, MA, 1992. xvi, 414 pp. \$45.

Literature and Technology. Mark L. Greenberg and Lance Schachterle, Eds. Associated University Presses, London, and Lehigh University Press, Bethlehem, PA, 1992 (distributor, Associated University Presses, Cranbury, NJ). 322 pp., illus. \$45. Research in Technology Studies, vol. 5.

Macronutrients. Investigating Their Role in Cancer. Marc S. Micozzi and Thomas E. Moon, Eds. Dekker, New York, 1992. xiv, 479 pp., illus. \$155.

Numerical Computation Using C. Robert Glassey. Academic Press, San Diego, CA, 1993. viii, 283 pp., illus. \$39.95. Computer Science and Scientific Computing.

The Oldest Old. Richard M. Suzman, David P. Willis, and Kenneth G. Manton, Eds. Oxford University Press, New York, 1992. xii, 444 pp., illus. \$65.

Processing the Facial Image. V. Bruce *et al.*, Eds. Oxford University Press, New York, 1992. vi, 132 pp., illus. \$69.95. From a meeting, July 1991. Reprinted from *Philosophical Transactions of the Royal Society of London*, series B, vol. 335.

Risk. Analysis, Perception and Management. Report of a Royal Society Study Group. Royal Society, London, 1992. vi, 201 pp., illus. Paper, 17.

Scenes from Deep Time. Early Pictorial Representations of the Prehistoric World. Martin J. S. Rudwick. University of Chicago Press, Chicago, 1992. xiv, 280 pp., illus. \$45.

Tropical Veterinary Medicine. Current Issues and Perspectives. Jim C. Williams, Katherine M. Kocan, and E. Paul J. Gibbs, Eds. New York Academy of Sciences, New York, 1992. xii, 408 pp., illus. \$100. Annals of the New York Academy of Sciences, vol. 653. From a conference, San Juan, Puerto Rico, Feb. 1991.

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