

Milestones in Geology. Reviews to Celebrate 150 Volumes of the *Journal of the Geological Society*. M. J. E. LE BAS, Ed. Geological Society, London, 1995 (U.S. distributor, AAPG Bookstore, Tulsa, OK). viii, 272 pp., illus. Paper, \$49 or £30; to society members, \$25 or £15. Geological Society Memoir no. 16.

The Geological Society, founded in London in 1807, is characterized in the foreword to this volume as "the senior Earth science society in the World." One of the society's goals from the outset was to provide a medium for more extensive geological expositions than the preeminent *Philosophical Transactions* of the Royal Society would accommodate. Its earliest ventures in publishing proved financially problematic, and in 1845 the society's *Transactions* and *Proceedings* were combined to form a journal that continues to this day. *Milestones in Geology* commemorates this event by bringing together a collection of papers in which leading geologists set out to review the history and current status of "significant topics . . . brought to the fore in earlier contributions to the *Journal*." After an introduction by the editor and a brief historical account of the society's publishing activities by Martin Rudwick there are 18 contributions, each of which

takes as its point of departure a particular paper or group of papers that appeared in the *Journal*. Invoking Hutton and Lyell, Brian Windley opens the series with a consideration of "uniformitarianism today" in which he offers evidence to argue that, thermal changes notwithstanding, "plate tectonics provides a paradigm" for the very early geological past. In another contribution Michael Brown, referring back to an 1893 paper by George Barrow, discusses issues in the development of metamorphic petrology. A paper by Sedgwick in the initial volume of the *Journal* dealt with early Paleozoic stratigraphy, and W. S. McKerrow summarizes the prior and subsequent development of that subject. Subjects of the other reviews include early Precambrian crustal development, geochronology of metamorphic complexes, strike-slip motion, issues of bio- and chronostratigraphy, Jurassic geochronology, Mesozoic and Cenozoic vertebrate remains, Ordovician-to-Devonian paleogeography, sedimentary structures, the petrography of limestones, volcanism in the British Tertiary, magmatism, and hydrothermal ore genesis. A sampling of the earlier authors whose work is highlighted includes Henry Clinton Sorby, Charles Moore, Archibald Geikie, Charles Lapworth, S. S. Buckman, Alfred

Harker, Arthur Vaughan, and Walter Campbell Smith. Most of the contributions in *Milestones* have also been published in volume 150 (1993) of the *Journal* itself, and some include addenda updating the original versions. Each is preceded by a facsimile reproduction of the opening page of the principal *Journal* paper or papers it discusses, and each has an abstract. There is also an index to the volume as a whole.

Katherine Livingston

Books Received

Aboriginal Health in Canada. Historical, Cultural, and Epidemiological Perspectives. James B. Waldrum, D. Ann Herring, and T. Kue Young. University of Toronto Press, Buffalo, NY, 1995. xii, 334 pp., illus. \$50 or £39; paper, \$18.95 or £14.75.

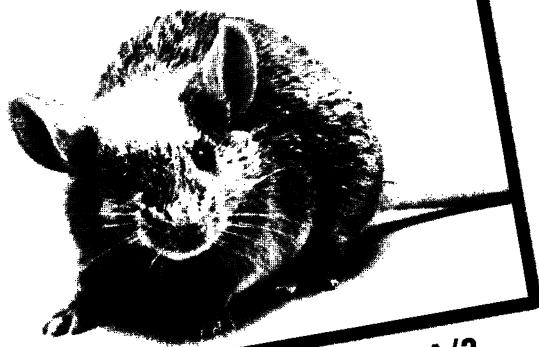
Biomarkers and Occupational Health. Progress and Perspectives. Mortimer L. Mendelsohn, John P. Peeters, and Mary Janet Normandy, Eds. Joseph Henry (National Academy), Washington, DC, 1995. x, 335 pp., illus. \$54.95. Based on a workshop, Santa Fe, NM, April 1994.

Calcium Hypothesis of Aging and Dementia. John F. Disterhoft et al., Eds. New York Academy of Sciences, New York, 1994. x, 482 pp., illus. \$130. Annals of the New York Academy of Sciences, vol. 747. From a conference, Bethesda, MD, Dec. 1993.

Dealing in Diversity. America's Market for Nature Conservation. Victoria M. Edwards. Cambridge University Press, New York, 1995. xviii, 182 pp., illus. \$44.95.

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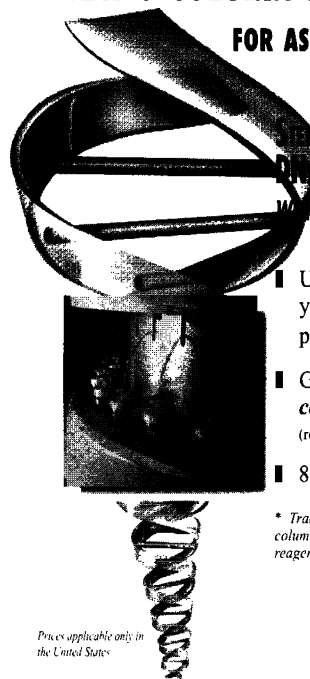
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