and the relatively more fragile, reticulate lateral walls of the mericarps, the areolae of which are transparent and ultimately disintegrate.

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BOOK REVIEW

The Evolving Continents. Brian F. Windley. 385 pp. John Wiley & Sons, New York. 1977. \$34.50 (cloth), \$13.95 (paper).

This is a solid textbook, designed primarily for students in geology. It exemplifies the fact that continental drift, under its alias of plate tectonics, has now become standard geological doctrine. The first half of the book is devoted to pre-Cambrian times, and thus is of relatively little interest to botanists concerned with explaining the evolutionary history of land plants. Botanists who want a thorough treatment of the major continental events from the Cambrian to the present, with a consideration of the data and the underlying mechanisms, will find what they are looking for in the last half of the book.—ARTHUR CRONQUIST, New York Botanical Garden, Bronx, New York 10458.