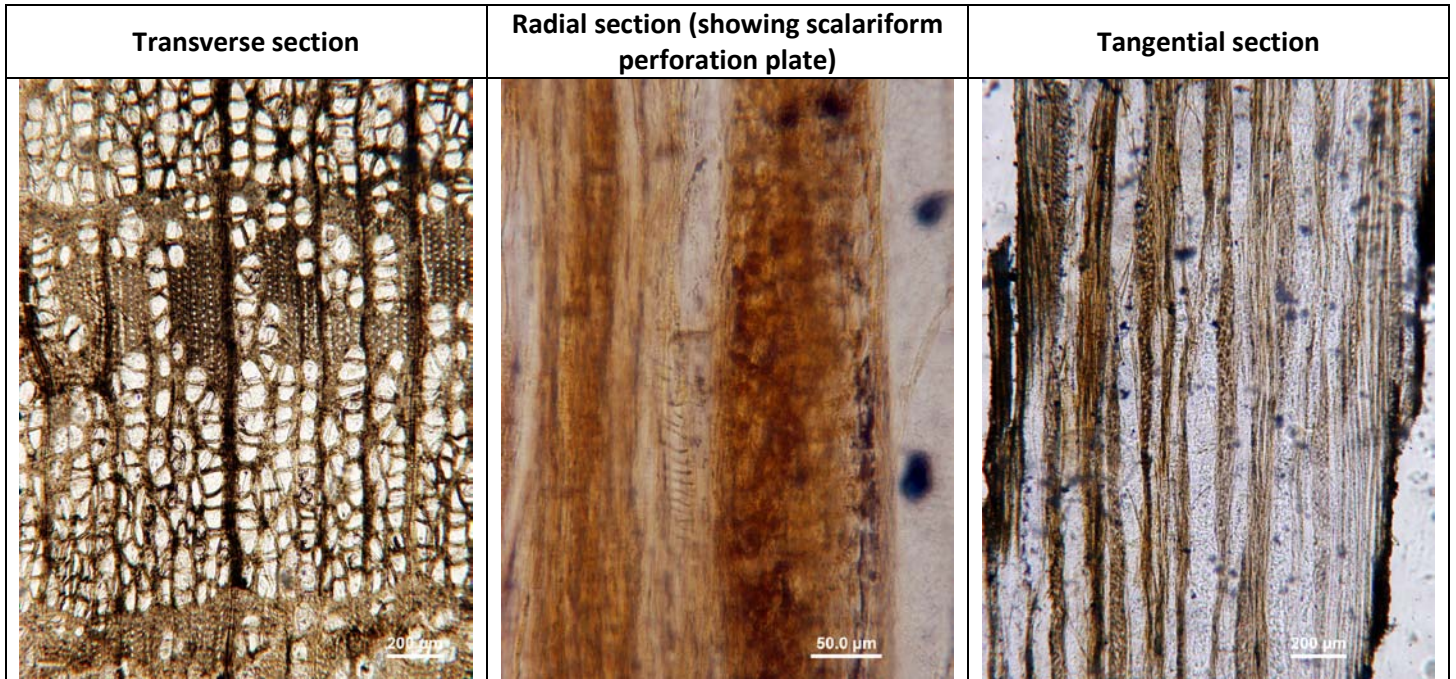


Unknown hardwood 1

Family: Unknown

Reference: Wheeler, E.A. & T.A. Dillhoff. 2009. The Middle Miocene wood flora of Vantage, Washington, USA. IAWA Journal, Supplement 7. 101p.



Photos courtesy Dr. E.A. Wheeler

Diagnostic features: Growth rings distinct, semi-ring porous vessel arrangement. Vessels closely spaced in earlywood zone, more widely spaced in latewood zone. Most vessels in radial multiples >4 or clusters, solitary vessels rare. Perforation plates scalariform with ~15 bars. Rays to 6-seriate, tending to two size classes. Axial parenchyma rare.

Discussion: This type is represented by a single specimen from the Ryegrass Coulee area at Vantage. Beck (1956) noted the existence of this wood but did not attempt to identify it. Wheeler and Dillhoff reported that this type shares anatomical features with wood from a number of families, but not all of the necessary features could be adequately observed due to poor preservation. It is an interesting and unique type from Vantage, but better specimens will be needed to determine what it might be.