

DAPHNE

Vessels extremely small (less than 25 μ mean tangential diameter), often with tendency to a loose tangential arrangement; irregular clusters sometimes common in distinct radial or oblique groups (dendritic) spiral thickening in some species. Perforations simple. Intervascular pitting alternate, usually small to very small, but occasionally medium sized; vestured; pits to ray and wood parenchyma similar. Solid deposits sometimes present. Mean member length 0.15-0.4 mm.

Parenchyma paratracheal; moderately abundant and intermediate between aliform, and apotracheal bands in some species; narrow terminal bands sometimes present in some species. Strands usually of 4 cells.

Rays usually 2-4 cells wide, predominantly uniseriate; about 1 mm. high or lower; up to 16 rays per mm. Cells all tending to be square or upright.

Fibres typically with numerous bordered pits, mostly on radial walls and sometimes in more than 1 row, the borders small to distinct. Walls typically thin. Mean length 0.3-0.9 mm. Extremely short and cambiform.

Tracheids. The vessels of Daphne are mixed with very narrow, short cells with spiral thickening, which appears to be vasicentric tracheids, mixed with a few vascular tracheids and some extremely small vessels.