DAPHNE

Vessels extremely small (less than 25 μm 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; vested; 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.