

**HIPPOPHAE**

Vessels small (less than 100  $\mu$  mean tangential diameter), the late wood vessels usually extremely small; almost exclusively solitary; 30-200 per sq. mm; ring-porous; spiral thickening observed in *H. rhamnoides*. Perforations simple. Intervascular pitting alternate, rather small; pits to ray and wood parenchyma similar. Solid deposits common. Mean member length about 0.25 mm.

Parenchyma apotracheal, as scattered cells, very sparse in some species. Strands usually of 2 cells; sometimes tending to be storied if sufficiently abundant.

Rays up to 3-4 cells wide; less than 1 mm high. Uniseriates low, rather few, usually composed of square and procumbent cells, but sometimes composed of square to upright cells only; 6-11 rays per mm. Heterogeneous (Kribs Type II A) with 1-3 marginal rows of square or upright cells. Storied in *H. salicifolia*.

Fibres with conspicuously bordered pits, mostly in radial walls. Storied in *H. salicifolia*. Mean length about 0.5-0.9 mm.