

## TAMARIX

Vessels medium-sized (mean tangential diameter usually 100-200(?)  $\mu$ ) in most spp, small (less than 100  $\mu$ ) in *Taxarix* p.p. Solitary, in short multiples and in clusters. 3-12 per sq. mm. Semi-ring-porous in some spp. of *Tamarix*. Perforations simple, transverse. Intervascular pitting alternate, very small to minute, pits to ray cells similar. Mean member length 0.1-0.2 mm.

Parenchyma paratracheal, as a few cells to broad sheaths round the vessels and the vessel groups. Strands of 1-2 cells, fusiform cells common. Storied.

Rays up to 25 cells wide in *Tamarix articulata* Vahl., but usually to 10-15 cells wide in other spp, often up to 2 mm high. Uniseriates rare or absent. Rays very few commonly not more than 2 or 3 per mm. Heterogeneous, the rays often appearing as homogeneous in tangential section, but with several rows of square cells on the margins and sheathing the rays.

Fibres with few, simple pits, almost entirely limited to the radial walls. Walls moderately thin. Mean length 0.4-0.9 mm. Storied

*Tamarix articulata* Vahl.

Diffuse-porous. Pores solitary and in short radial multiples of 2 to 3; large, maximum tangential diameter 240  $\mu$ ; numerous but not crowded. Vessels with simple perforations; pits alternate, medium sized. Wood parenchyma vasicentric and unilaterally paratracheal. Rays heterogeneous, procumbent and square cells in irregular arrangement as seen on the tangential section; up to 20 cells wide; up to 2 mm. high; ray-vessel pitting fine, short oval in outline. Fibres with simple pits. Crystals numerous in ray cells. (Ilanoth Specimen No. 64)