

ZYGOPHYLLUM

Zygophyllaceae

Vessels very small to moderately small (50-100 μ mean tangential diameter); varying from solitary to a few multiples, to large clusters mostly of solitary vessels, in different genera of the family. From 5-70 per mm. in different genera. Perforations exclusively simple. Intervascular pitting alternate, very small and numerous; pits to ray cells similar to intervacular pitting. Vessels commonly filled with gummy or resinous deposits. Mean member length 0.07-0.2 mm.

Parenchyma diffuse and in numerous, irregular, uniseriate bands, probably apotracheal; apparently terminal bands sometimes present. Storied; usually with 8-11 stories per mm. Fusiform cells very common, and sometimes almost the only type of parenchyma present apart from crystalliferous strands.

Rays small, 1-2 cells wide, exceptionally low, not more than 8 cells high and commonly not more than 4-6; storied; 10-11 stories per mm. Homogeneous (Kribs Types II and III).

Fibres with pits with moderately distinct to indistinct borders, more in tangential than radial walls. Storied walls thick. Mean length 0.35-0.6 mm.

Description incomplete as genus not specifically mentioned in M. & C.