

Eucalyptus acmenoides – White Mahogany

Family:

Myrtaceae

Common Name:

White Mahogany

Distribution:

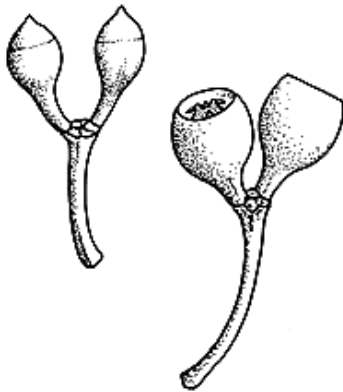
NSW east coast and ranges to 300m altitude (to 1000m in Qld) extending from Sydney into tropical Qld on the Atherton Tableland. In HSC restricted to shale capped ridges and plateaus chiefly around Cherrybrook north to Arcadia, a population is also found near Terrys Creek in Epping on heavy shale derived soil. Dominant tree in stands around higher parts of Galston / Arcadia mixed with *E. paniculata*. In HSC; predominantly Community TI (295.0ha) only, may occur adjacent to or in mapped areas of BG1 as isolated remnant street trees or on residential land.

Derivation of Name:

Eucalyptus, Greek, derived from eu "well" and kalyptos "covered", a reference to the caps covering the flowering buds. *acmenoides*, Acmena like, the botanist Johannes Conrad Schauer observed a similarity to the Lillypilly's leaves with White Mahogany.

Conservation Status:

White Mahogany is near its geographical southern limit with in the HSC shire. As such the tree has a unique conservation priority in HSC where it is a key canopy tree of the endangered Turpentine Ironbark Forest.



Description:

A tall broad tree with a dense crown of dark green foliage. Grows to around 25m in HSC, up to 60m outside of HSC area. The trunk has rough and persistent bark to the smaller branches. Dark green leaves are discolorous and taper to a fine point; they range from 8–13 cm long and 1.5–2.5cm in width. Flowers in summer (October-February), fruit are distinctive hemispherical capsules with valves level to rim (occasionally descending), usually 4 sometimes either 3 or 5.

Longevity:

In excess of 100 years.

Horticultural Merit and uses:

Rare in horticulture this tree would make a useful addition in a park or large yard situation. Much sought after tree for its high quality timber.

Fauna Value:

Years when heavy flowering occurs attracts wide diversity of fauna to feed on nectar and pollen. Older trees develop hollow logs which are used by many species of fauna. Feed tree for the threatened Koala and Greater Glider.



