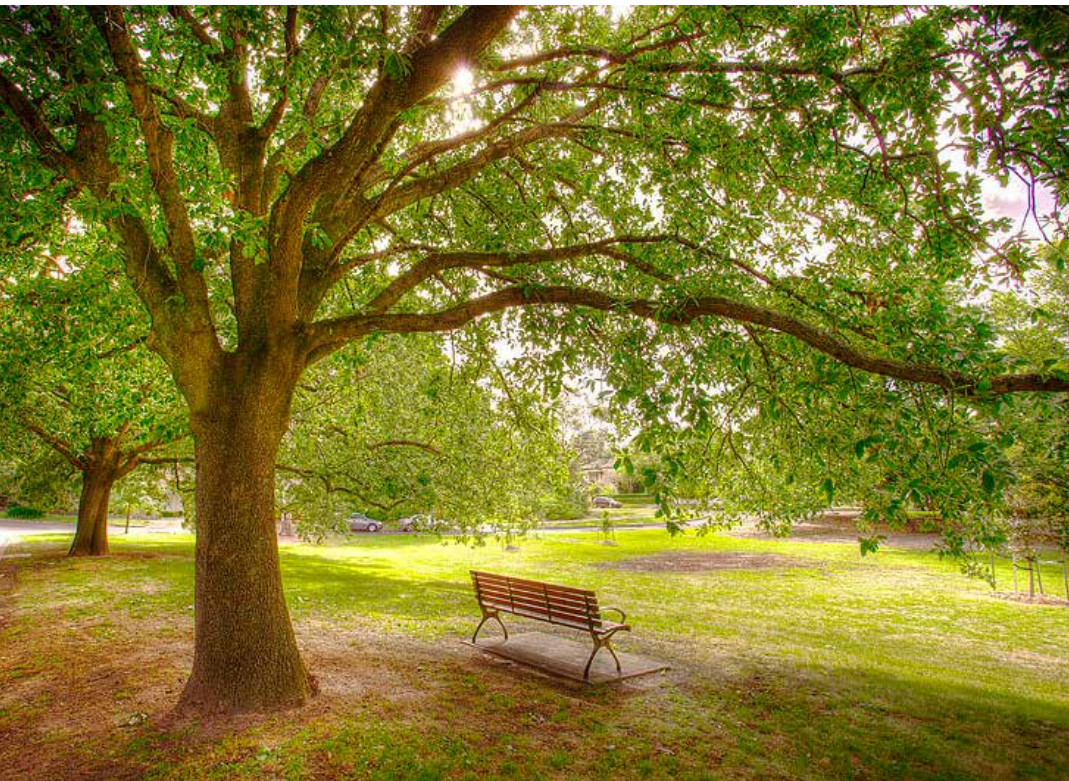


Quercus macrolepis

(Valonia Oak)



Notes

This Oak has many synonyms with a name change from *Quercus ithaburensis* subsp. *macrolepis* (Kotschy.) The acorn caps (valonea) are high in tannins and are used in the tanning of leather.

Above: leaf detail

Origin	Italy, Balkans, Turkey
Habit	Medium wide-spreading tree. Broad domed graceful canopy. Moderate growth rate, mature size ranges between 10-15m high x 12-18m wide.
Description	Buds large and hairy. Young shoots with dense white/yellow down. Leaves ovate, angular; bristle-tipped mostly 5-8cm long, 2-4cm wide with dense white/yellow above and below at first and then persistent below. Bark a light grey and flaking with shallow fissures when young becoming furrowed with age. Acorns hairy and almost completely enclosed by the extremely large hairy cup with long spreading scale around the lip.
Tolerances	Not well known but appears able to adapt to most soils. Moderate waterlogging and drought tolerance. Does not appear seriously affected by pest or disease. Intolerant of coastal exposure.
Root space	Based on mature size tree would require approximately 140m ² area or 85m ³ root volume (crown projection method)
Availability	Uncommon.
Uses & management	Urban landscapes, parks and streets. Long-lived, moderate sized tree with ornamental characteristics and good tolerances suggest that this oak should be more widely used in urban landscapes. Easy to transplant. Low litter problem.

Reference

Spencer, R (Ed) (1997) *Horticultural Flora of South-Eastern Australia – Part 1*. University of NSW Press

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