##  Species Description

**15-20m**

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* Deciduous
* Large tree with large spreading canopy, short trunk and relatively slender branches
* Attractive deeply furrowed/scaly dark brown bark
* Dark green glossy leaves with white hairs on the underside with small rounded lobes or large crenate teeth; leaves turn yellow/brown to red in autumn
* Inconspicuous brown flowers in spring
* Tan-coloured acorns

## Height and width

15 to 20 metres tall by 15 to 20 metres wide

## Species origin

North-eastern USA and the Great Lakes area of Canada

## Landscape use

* Available Soil Volume required: ≥100m3
* An impressive shade tree good for use in parks and as a street tree on broad verges or avenues

## Use considerations

* High frost tolerance and moderate drought tolerance
* Grows well on better soils in Canberra (clays/clay-loams), however tolerant of a wide range of soils, including wet boggy sites and of soil compaction
* [Long lived](http://www.tams.act.gov.au/treeselector/glossary#_Toc338680241)
* Moderate growth rate
* Very low flammability
* Moderately susceptible to oak leaf miner
* Formative pruning may be required to help develop strong structure
* Acorn drop may be a nuisance in pedestrian areas
* Produces pollen

## Examples in Canberra

Cowper Street/Wakefield Avenue corners, Ainslie; Le Hunte Street, Deakin; Waratah Street, O’Connor and Mindarie Street, Narrabundah

## Availability

Commercially available