



Design Standards for Urban Infrastructure

Plant Species for Urban Landscape Projects in Canberra

Botanical Name: *Platanus (orientalis) x 'Chilensis'* (PLch)

Common Name: Chilensis oriental plane

Species Description

- Deciduous
- Medium to large tree with a spreading head of branches
- Flaking bark with mottled appearance typical of other *Platanus* species
- [Alternate](#) medium to dark green maple-like foliage, similar in appearance to that of *Platanus x acerifolia*
- Inconspicuous flowers in spring
- Round burr-like fruit borne in clusters

Height and width

18 metres tall by 8 metres wide

Species origin

Mediterranean region, south-east Europe and west Asia

Landscape use

- Available Soil Volume required: $\geq 70\text{m}^3$
- Suitable for use as a street tree
- Excellent shade tree in urban parks where appropriate space is available

Use considerations

- Reasonable growth across Canberra
- High frost and drought tolerance
- Has performed well in a variety of Canberra soils
- [Long lived](#)
- Moderate growth rate
- Low flammability
- Significantly lower susceptibility to Anthracnose than other *Platanus* species
- Requires high maintenance if coppiced
- Leaf and fruit litter can cause problems in high-traffic areas
- Strong and extensive root system which can benefit from a root barrier to prevent surface roots in shallow soils
- Produces significant nectar and significant pollen which attract bees

Examples in Canberra

In the centre median of Macfarlane Burnet Avenue, Macgregor

Availability

Commercially available, however not as widely available as other plane trees

