

Street Tree Guide 2023

Appendix A:

Street Tree Species List

The Street Tree Species List nominates all species suitable for street tree planting in the City, in alphabetical order. It is to be read in conjunction with the Street Tree Matrix which specifies which species are allocated to each street.

Updates to this list are a result of several key factors:

- A 2019 review of tree species vulnerability to climate change in the Perth context, considering rising temperatures, decreasing rainfall and compromised soil conditions.
- Proven performance
- Successful trials
- Species susceptible to PSHB (see below)

Polyphagous Shot-hole Borer (PSHB)

Red text indicates species identified as preferred or reproductive hosts of Polyphagous Shot-hole Borer (at the time of printing) by the Department of Primary Industry and Regional Development. It is advised that alternatives to these PSHB species be preferred over those currently at risk where possible.

* Indicates species which provide excellent shade.

^ Indicates caution required choosing location and/or additional irrigation may be required.

Trees for Large Verges, Medians, Setbacks and Public Access Ways Only (30m³+)

On page 6, are a list of species that are only to be used in non-standard street environments such as large softscape verges, medians, large setbacks or public access ways. They typically require lots of space, soil and a favourable growing environment. Large species must be used with caution, evaluating soil volume, space to mature, offsets from roadways or buildings, services and infrastructure, clear sightlines and future development potential. Others don't suit a typical street due to form, sensitivity to compacted soils, irrigation requirements or they are vulnerable to vandalism.

The City's Representative must approve the use of these species in all instances. Any further approvals from state infrastructure providers must also be provided, for example Main Roads WA or Perth Transit Authority or Department of Biodiversity, Conservation and Attractions.

This list is subject to change and shall be regularly reviewed by the City.

Size and soil:

Size categories are assigned in the list, dictating the minimum target soil volumes required for each species.

Size category	Canopy Spread	Target Soil Volume
Small	<8m	10m ³
Medium	8-15m	20m ³
Large	15m+	30m ³

Refer to the City's Street Tree Guide and Design and Construction Notes Book 700 for more information on soil volumes.

Revision	Date	Approved
1	10.11.2023	AM

Street Tree List 2023

Botanical Name	Common Name	Canopy Spread (m)	Height (m)	S/M/L	Recommended Spacing (m)
<i>Agonis flexuosa</i> *	WA Peppermint	10	10	M	6
<i>Allocasuarina fraseriana</i>	Sheoak	6	10	M	6
<i>Angophora costata</i> **	Sydney Apple Gum	20	12	L	10
<i>Angophora floribunda</i> *	Rough Barked Apple	15	20	L	8
<i>Araucaria cunninghamii</i>	Hoop Pine	10	50	M	8
<i>Bauhinia variegata</i> **	Orchid Tree	3	6	S	6
<i>Brachychiton discolor</i>	White Kurrajong	5	15	M	6
<i>Brachychiton populneus</i> *	Kurrajong	6	20	M	6
<i>Callistemon viminalis</i>	Bottlebrush	4	9	S	6
<i>Carpinus caroliniana</i> *	Hornbeam	9	9	M	6
<i>Casuarina cristata</i>	Belah	5	20	L	6
<i>Casuarina cunninghamiana</i>	River Sheoak	12	30	L	6
<i>Casuarina obesa</i>	Swamp Sheoak	8	15	M	6
<i>Casuarina pauper</i> *	Black Oak	6	15	M	6
<i>Celtis laevigata</i> *	Hackberry	12	25	L	8
<i>Celtis australis</i> *	Nettle Tree	12	15	L	6
<i>Ceratonia siliqua</i>	Carob Tree	8	15	M	8
<i>Corymbia aparrerinja</i> **	Ghost or White Gum	20	15	L	10
<i>Corymbia calophylla</i> *	Marri	8	15	M	8
<i>Corymbia citriodora</i> **	Lemon Scented Gum	15	30	L	10
<i>Corymbia eximia</i> *	Yellow Bloodwood	8	10	M	6
<i>Corymbia ficifolia</i>	Red Flowering Gum	5	15	M	6

Botanical Name	Common Name	Canopy Spread (m)	Height (m)	S/M/L	Recommended Spacing (m)
<i>Corymbia maculata</i> *	Spotted Gum	15	30	L	10
<i>Corymbia ptychocarpa</i>	Swamp Bloodwood	10	15	M	6
<i>Cupaniopsis anacardioides</i>	Tuckaroo	4	12	M	6
<i>Delonix regia</i> *	Ponciana	10	12	M	10
<i>Elaeocarpus reticulatus</i>	Blueberry Ash	5	15	M	6
<i>Erythrina x sykesii</i> *	Coral Tree	18	20	L	8
<i>Eucalyptus accedens</i> *	Powder Bark Wandoo	6	15	M	6
<i>Eucalyptus botryoides</i> **	Bangalay	15	30	L	10
<i>Eucalyptus brockwayi</i> *	Dundas Mahogany*	11	24	L	8
<i>Eucalyptus caleyi</i> *	Drooping Iron Bark*	12	10	L	8
<i>Eucalyptus camaldulensis</i> **	River Red Gum	15	40	L	10
<i>Eucalyptus cladocalyx</i> *	Sugar Gum*	15	25	L	10
<i>Eucalyptus cladocalyx nana</i>	Dwarf Sugar Gum*	10	12	M	6
<i>Eucalyptus erythrocorys</i>	Illyarrie	5	6	M	6
<i>Eucalyptus forrestiana</i>	Fuschia Gum	5	5	S	6
<i>Eucalyptus gomphocephala</i> **	Tuart	15	30	L	10
<i>Eucalyptus kondininensis</i> *	Kodinin Blackbutt*	10	20	L	8
<i>Eucalyptus laeliae</i>	Darling Range Ghost Gum	6	20	M	6
<i>Eucalyptus lane-poollei</i> *	Salmon White Gum*	5	12	M	6
<i>Eucalyptus lesouefii</i>	Goldfields Blackbutt	10	12	M	8
<i>Eucalyptus leucophloia</i> *	Snappy Gum*	8	10	M	6
<i>Eucalyptus leucoxydon</i> *	SA Yellow Box	10	12	M	6
<i>Eucalyptus leucoxydon 'Rosea'</i>	Red Flowering Yellow Gum	10	12	M	6

Botanical Name	Common Name	Canopy Spread (m)	Height (m)	S/M/L	Recommended Spacing (m)
<i>Eucalyptus macrandra</i> *	Long Flowered Marlock*	6	7	S	6
<i>Eucalyptus marginata</i> *	Jarrah	10	40	M	8
<i>Eucalyptus melliodora</i> *	Yellow Box*	10	15	M	8
<i>Eucalyptus nicholii</i>	Willow Peppermint	10	15	m	8
<i>Eucalyptus polyanthemos</i> *	Red Box*	15	25	L	6
<i>Eucalyptus populnea</i> *	Bimble Box*	12	20	L	6
<i>Eucalyptus robusta</i> *	Swamp Mahogany	12	30	L	10
<i>Eucalyptus rudis</i> *^	Flooded Gum	10	20	L	8
<i>Eucalyptus sideroxylon</i> *	Iron Bark	15	20	L	8
<i>Eucalyptus tereticornis</i>	Forest Red Gum	10	40	M	8
<i>Eucalyptus todtiana</i> *^	Coastal Blackbutt	10	15	M	8
<i>Eucalyptus torquata</i> *	Coral Gum*	6	8	M	6
<i>Eucalyptus utilis</i> *	Coastal Moort*	8	8	M	6
<i>Eucalyptus victrix</i> *	Coolibah*	6	6	M	6
<i>Eucalyptus wandoo</i>	White Gum*	6	5	M	6
<i>Flindersia australis</i> *	Australian Teak	15	20	L	8
<i>Geijera parviflora</i> *	Wilga	10	9	M	8
<i>Gleditsia triacanthos</i> var. <i>inermis</i> 'Shademaster'	Honey Locust	8	20	M	8
<i>Hakea laurina</i>	Pincushion Hakea	5	6	S	6
<i>Hymenosporum flavum</i> (site specific)	Native Frangipani	5	10	M	6
<i>Jacaranda mimosifolia</i> *	Jacaranda	10	15	M	6
<i>Koelreuteria bipinnata</i> *	Chinese Flame Tree	12	15	L	8
<i>Koelreuteria paniculata</i> *	Pride of China	4	14	S	6
<i>Lagerstroemia indica</i>	Crepe Myrtle	3	6	S	6
<i>Laurus nobilis</i>	Bay Tree	3	15	S	6

Botanical Name	Common Name	Canopy Spread (m)	Height (m)	S/M/L	Recommended Spacing (m)
<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	8	15	M	8
<i>Liquidambar formosana</i>	Chinese Sweetgum	6	12	M	6
<i>Liquidambar styraciflua</i> 'slender silhouette'	Liquidambar	3	6	M	6
<i>Liquidambar styraciflua</i> *	Liquidambar	10	20	L	8
<i>Lophostemon confertus</i> ^^	Queensland Box	10	15	L	8
<i>Magnolia grandiflora</i>	Southern Magnolia	15	24	L	10
<i>Melaleuca alternifolia</i>	Narrow Leafed Paperbark	5	5	M	6
<i>Melaleuca armillaris</i>	Bracelet Honey Myrtle	5	8	S	6
<i>Melaleuca bracteata</i>	Black Tea Tree	5	8	M	6
<i>Melaleuca cuticularis</i>	Saltwater Paperbark	6	7	M	6
<i>Melaleuca leucadendra</i> ^	Weeping Paperbark	5	10	M	6
<i>Melaleuca linariifolia</i>	Snow in Summer	6	10	S	6
<i>Melaleuca raphiophylla</i>	Swamp Paperbark	6	10	S	6
<i>Melaleuca preissiana</i>	Stout Paperbark	5	6	M	6
<i>Melaleuca quinquenervia</i>	Broad Leaved Paperbark	10	25	M	8
<i>Melaleuca styphelioides</i> *	Prickly Paperbark	3	10	M	6
<i>Melaleuca viminea</i>	Mohan	3	5	S	6
<i>Melaleuca viridiflora</i>	Red Flowering Paperbark	4	10	M	6
<i>Michelia alba</i> *	Champaca	4	8	S	6
<i>Mimusops elengi</i> *	Spanish Cherry	10	15	M	8
<i>Olea europaea</i>	European Olive	8	10	M	6
<i>Olea europaea</i> 'Tolley's Upright'	Tolley's Upright Olive	5	7	S	6
<i>Olea europaea</i> 'Swan Hills'	Swan Hills Olive	6	8	S	6
<i>Peltophorum pterocarpum</i>	Yellow Poinciana	15	15	L	10
<i>Phoenix canariensis</i> (replacement only)	Canary Island Date Palm	8	15	S	6

<i>Pistacia chinensis</i>	Chinese Pistachio	8	12	M	6
<i>Platanus x acerifolia</i> *	London Plane Tree	20	25	L	10
<i>Polyalthia longifolia pendula</i> ^	Indian Mast Tree	2	8	S	6
<i>Pyrus calleryana 'bradford'</i>	Bradford Pear	8	15	M	6
<i>Pyrus ussuriensis</i> ^	Manchurian Pear	7	9	M	6
<i>Stenocarpus sinuatus</i> ^	Firewheel Tree	5	20	S	6
<i>Tabebuia palmeri</i>	Pink Trumpet	10	10	M	6
<i>Triadica sebifera (syn Sapium sebiferum)</i> *	Chinese Tallow	3	8	M	6
<i>Tristanopsis laurina</i> *	Water Gum	6	15	M	6
<i>Ulmus parvifolia</i> *	Chinese Elm	10	13	M	8
<i>Ulmus parvifolia 'Todd'</i> *	Chinese Elm	11	10	M	8
<i>Zelkova serrata</i> ^	Keaki	15	24	L	10

Large Verges, Medians, Setbacks and Public Access Ways Only

Botanical Name	Common Name	Canopy Spread (m)	Height (m)	S/M/L	Recommended Spacing (m)
<i>Banksia attenuata</i> ^	Candlestick Banksia	5	5	M	6
<i>Banksia littoralis</i> ^	Swamp Banksia	10	5	M	6
<i>Banksia menziesii</i> ^	Firewood Banksia	7	7	M	6
<i>Eucalyptus pleurocarpa</i>	Tallerack	2	3	S	6
<i>Banksia prionotes</i> ^	Acorn Banksia	5	10	M	6
<i>Banksia sceptrum</i>	Spectre Banksia	5	7	S	6
<i>Banksia speciosa</i>	Showy Banksia	6	8	S	6

<i>Cinnamomum camphora</i> ^{**}	Camphor Laurel	15	20	L	10
<i>Ceratonia siliqua</i> ^{**}	Carob	10	15	M	8
<i>Eucalyptus caesia</i> subsp. <i>magna</i> [^]	Silver Princess	5	14	S	6
<i>Eucalyptus diversicolor</i> ^{**}	Karri	10	60	L	8
<i>Eucalyptus erythronema</i> [^]	Red Flowered Mallee	6	6	S	6
<i>Eucalyptus formanii</i> [^]	Feather Mallee	6	11	S	6
<i>Eucalyptus grandis</i> ^{**}	Rose Gum	15	50	L	10
<i>Eucalyptus macrocarpa</i> [^]	Mottlecah	3	4	S	6
<i>Eucalyptus pyriformis</i> [^]	Pear Fruit Mallee	6	5	M	6
<i>Eucalyptus spathulata</i> [^]	Swamp Mallet	8	12	S	6
<i>Eucalyptus websteriana</i> [^]	Heart Leaf Mallee	6	6	M	6
<i>Eucalyptus youngiana</i> [^]	Large Fruited Mallee	12	10	M	8
<i>Hakea francisciana</i>	Emu Tree	4	5	S	6
<i>Ficus microcarpa hillii</i> ^{**}	Hills Fig	15	25	L	12
<i>Ficus rubiginosa</i> ^{**}	Port Jackson / Rusty Fig	20	25	L	10
<i>Melaleuca linariifolia</i>	Snow in Summer	5	8	S	6
<i>Melaleuca raphiophylla</i>	Swamp Paperbark	3	6	S	6
<i>Quercus palustris</i>	Pin oak	14	20	M	8
<i>Quercus robur</i> ^{**}	Red Oak	11	11	M	10
<i>Quercus suber</i> ^{**}	Cork Oak	20	20	L	10