

Street Tree Masterplan

Review of the 2013 Masterplan

- The first masterplan was adopted in 2013
- Since that time only minor modifications have been made
- The ongoing failure of the *Agonis flexuosa* (W.A. Peppermint Trees) and the Polyphagous Shot Hole borer outbreak around the Town of Claremont has led to an extensive review
- This review identified the original Masterplan
 - had limited flexibility
 - o small mixture of species
 - \circ only lists a single species per street for all streets in the Town
- As a result of the above, residents contact the Town frequently to raise concerns
- Certain species have not thrived due to disease, suitability, climate and soil conditions
- The introduction of the Polyphagous Shot Hole Borer in 2021 has impacted the choice of species for the Town's Street Tree Master Plan. In order to support the maintenance of tree canopy, the Town needs to exercise some flexibility.
- Local fauna has fewer options for habitat.

Grandfather Trees

There are currently six species of Grandfather Tree that have been previously planted but due to repeated failures are no longer viable. *subject to future reviews*) (*subject to future reviews*)

- Western Australian Peppermint (Agonis flexuosa)
- Jarrah (Eucalyptus marginata)
- Liquidambar (Liquidambar styraciflua)
- Red Flowering Gum (Corymbia ficifolia)
- Coral Tree (Erythrina sykesii)
- London Plane Tree (Platanus x acerifolia)

Tree Species Selection

Factors which have been used to determine the suitable species are:

- The existing streetscape
- Community feedback from Town wide survey (completed September 2022)
- Attractive appearance and canopy cover
- Suitability to Perth's climate as well as drought tolerance
- Disease and pest resistance
- Growth habit and rate
- Increased biodiversity and habitat for fauna
- Ongoing maintenance
- Availability from plant nurseries

Verge sizes have been defined as three types:

- **1. Restricted locations** Narrow verges or median islands
- 2. Standard locations Average sized verges
- **3. Open locations** Larger than usual sized verges

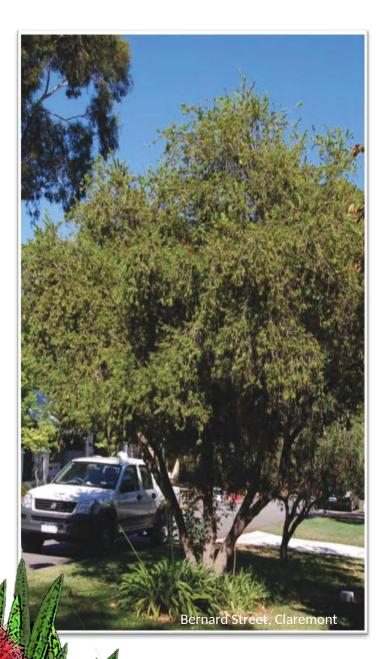
Restricted Location Tree Species

Narrow verges or median islands:

- Bottlebrush "Kings Park Special" (Callistemon citrinus)
- Chinese Tallow (Triadica sebiferum)
- Coral gum (Eucalyptus torquata)
- Hong Kong Orchid Tree (Bauhinia blakeana)
- Manchurian Pear (Pyrus ussuriensis)
- Spotted Gum (Corymbia maculata)
- Tuckeroo (Cupaniopsis anacardioides)
- Broad-leaved Paperbark (Melaleuca viridiflora)
- Water Gum (Tristaniopsis laurina)
- Coolibah (Eucalyptus victrix)
- Red Ironbark (Eucalyptus sideroxylon rosea)
- Cottonwood (Hibiscus tiliaceous rubra)
- Lacebark Tree (Brachychiton discolor)
- Kurrajong (Brachychiton populneus)
- Leopard tree (Libidibia ferrea)

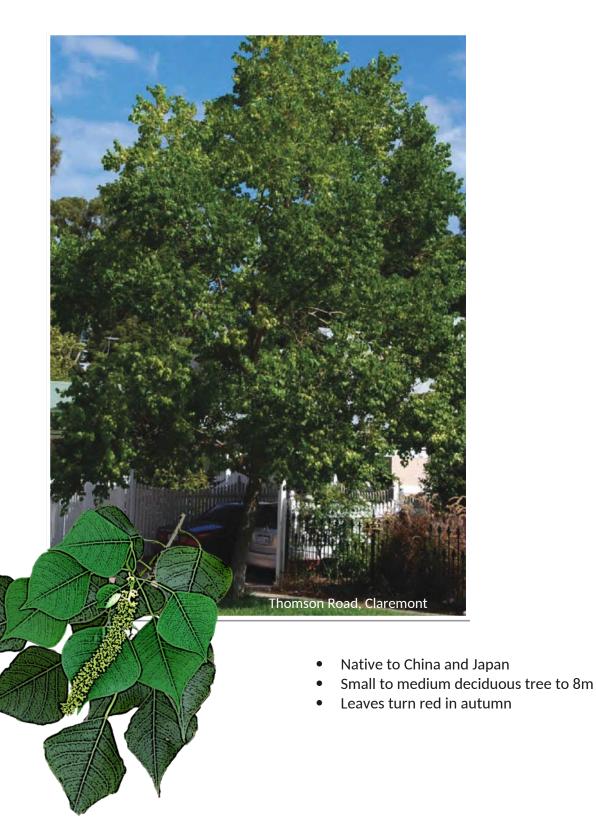
Bottlebrush

(Callistemon citrinus "Kings Park special")



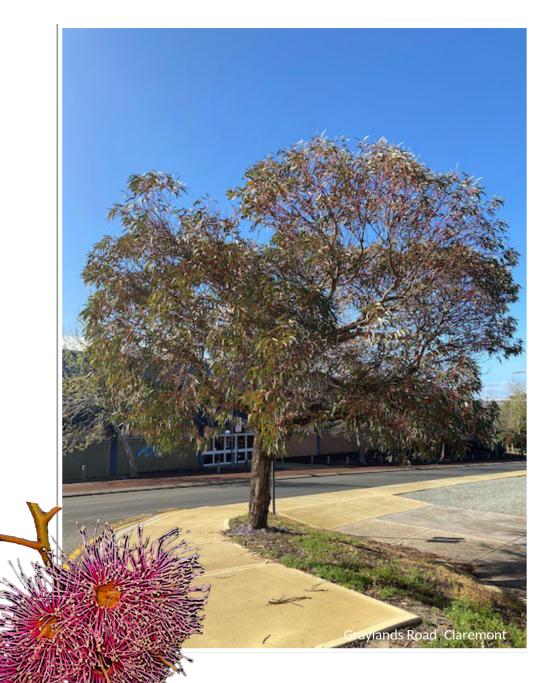
- Native to Australia
- Small evergreen tree to 8m
- Produces masses of red bottlebrush shaped flowers in spring and summer





Coral Gum

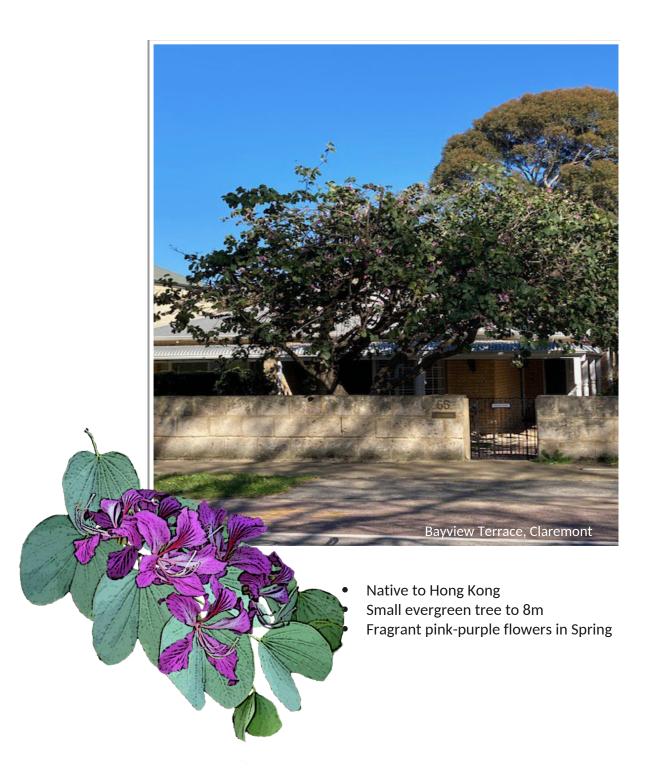
(Eucalyptus torquata)



- Native to Goldfields, WA
- Small, hardy evergreen tree to 8m
- Coral pink, bird attracting flowers from August to December

Hong Kong Orchid Tree

(Bauhinia blakeana)

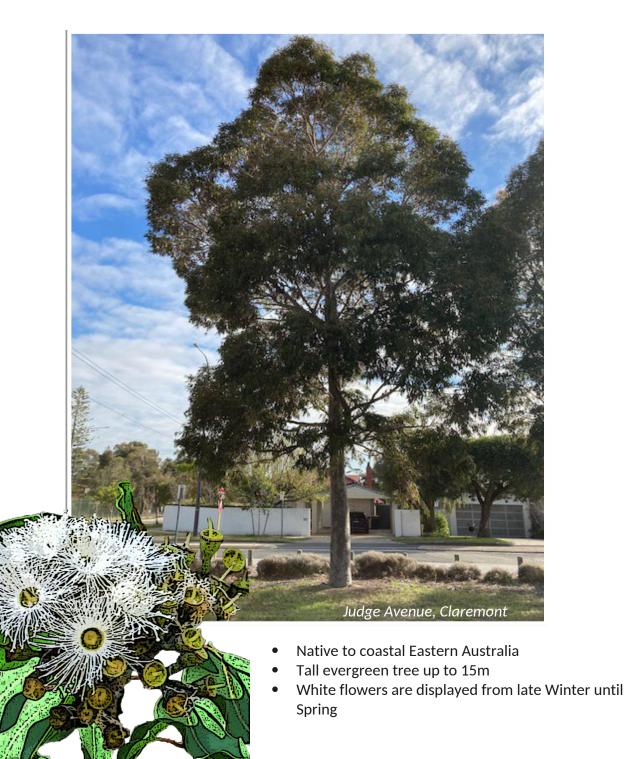


Manchurian Pear

(Pyrus usseriensis)



Spotted Gum (Corymbia maculata)



Tuckeroo

(Cupaniopsis anarcardiodes)



Broad-leaved Paperbark

(Melaleuca viridiflora)



Water Gum (Tristaniopsis laurina)



- Native to Eastern Australia
- Medium, evergreen shade tree to 15m
- Perfumed, yellow bird, attractive flowers in spring and summer

Coolibah

(Eucalyptus victrix)

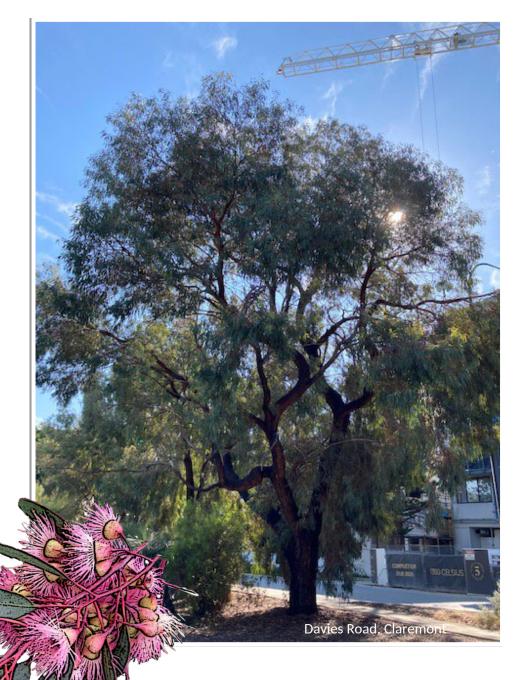




- Native to Western Australia
- Small evergreen tree to 8m
- White bark with grey green foliage
- Small creamy white flowers throughout Summer

Stock image provided above

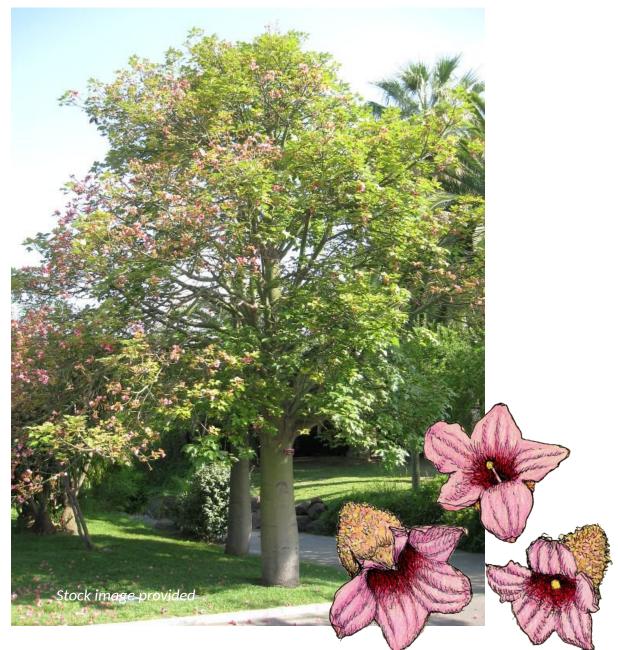
Red Ironbark (Eucalyptus sideroxylon rosea)



- Native to Eastern Australia
- Bird attracting, pink to red flowers during Winter and early Spring
- Deeply furrowed, dark brown to black bark

Lacebark

(Brachychiton discolor)



- Native to Eastern Australia
- Medium evergreen tree to 15m
- Cream and pink coloured flowers in Spring and Summer

Kurrajong

(Brachychiton populneus)



- Native to Eastern Australia
- Medium semi deciduous tree to 20m
- Bright pink flowers in Summer

Leopard Tree

(Libidibia ferrea)







- Fast-growing feature tree. Typical height 8m to 10m
- Dappled bark, fern like leaf, yellow flower
- Drought tolerant, pest and disease free Photo Location: Hammond Road, Claremont

Standard Location Tree Species

Average Sized Verges:

- Chinese Pistachio (Pistacia chinensis)
- Claret Ash (Fraxinus raywood)
- English Oak (Quercus robur)
- Flooded Gum (Eucalyptus rudis)
- Jacaranda (Jacaranda mimosifolia)
- Narrow Leaf Black Peppermint (Eucalyptus nicholii)
- Broad-leaved Paperbark (Melaleuca viridiflora)
- Poinciana (Delonix regia)
- Red flowering yellow gum (Eucalyptus leucoxylon rosea)
- Red Ironbark (Eucalyptus sideroxylon rosea)
- Spotted Gum (Corymbia maculata)
- Swamp Sheoak (Casuarina obesa)
- Watergum (Tristaniopsis laurina)
- Tuckeroo (Cupaniopsis anarcardiodes)
- Cottonwood (Hibiscus tilaceous rubra)
- Lacebark Tree (Brachychiton discolor)
- Kurrajong Tree (Brachychiton populneus)
- Leopard tree (Libidibia ferrea)

Chinese Pistachio

(Pistacia chinensis)



- Native to China and Taiwan
- Small to medium deciduous tree up to 20m
- Red, orange and yellow Autumn foliage

Stock image provided above

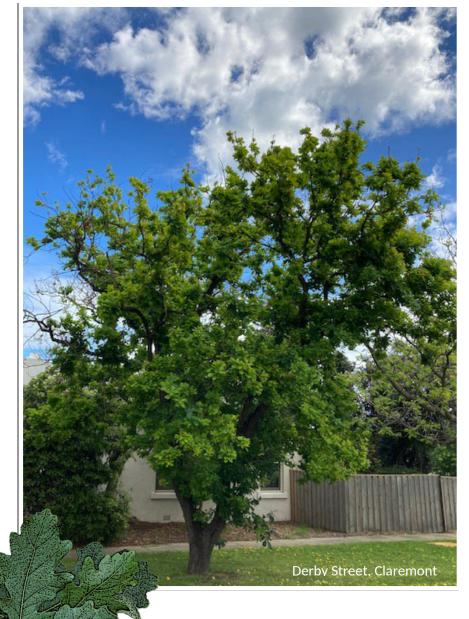
Claret Ash (Fraxinus angustifolia raywood)



- Native to South Australia
- Medium deciduous tree to 15m
- Narrow leaves turn a deep burgundy colour in Autumn

English Oak

(Quercus robur)



- Native to Europe and Western Asia
- Medium, wide growing deciduous shade tree to 12m
- Small yellow flowers in Spring and yellow Autumn foliage

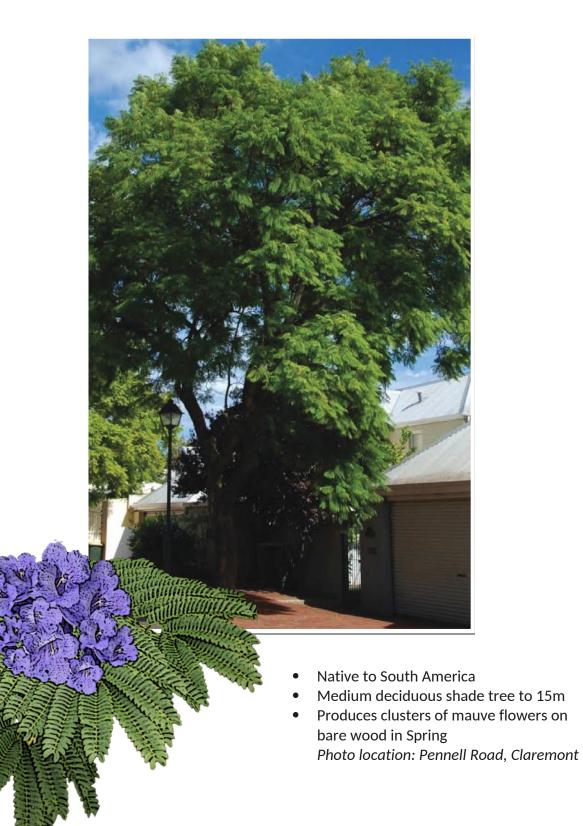
Flooded Gum (Eucalyptus rudis)



- Large evergreen tree up to 20m
- Bird attracting, white flowers from Winter to Spring

Photo location: Strickland Street, Claremont

Jacaranda (Jacaranda mimosifolia)



Narrow-Leaved Black Peppermint

(Eucalyptus nicholii)



Broad-leaved Paperbark

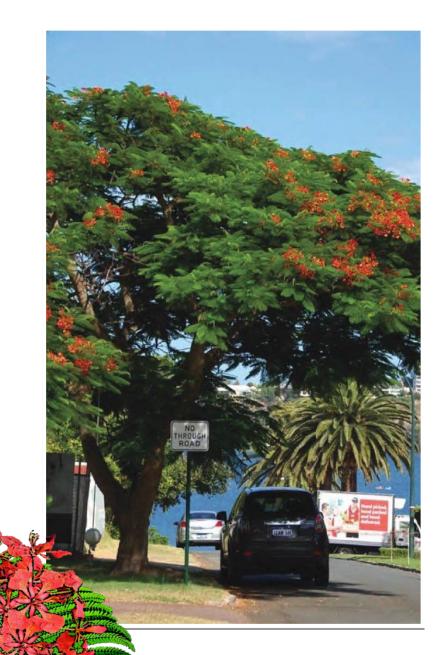
(Melaleuca viridiflora)



- Native to eastern Australia
- Medium evergreen shade tree to 15m
- Bird attracting tree with soft, papery white bark, with red flowers

Stock image provided

Object State (Delonix regia)



- Native to Madagascar
- Medium deciduous shade tree to 10m with spreading canopy
- Produces masses of red flowers in spring

Photo location: Watkins Road, Dalkeith

Red Flowering Yellow Gum

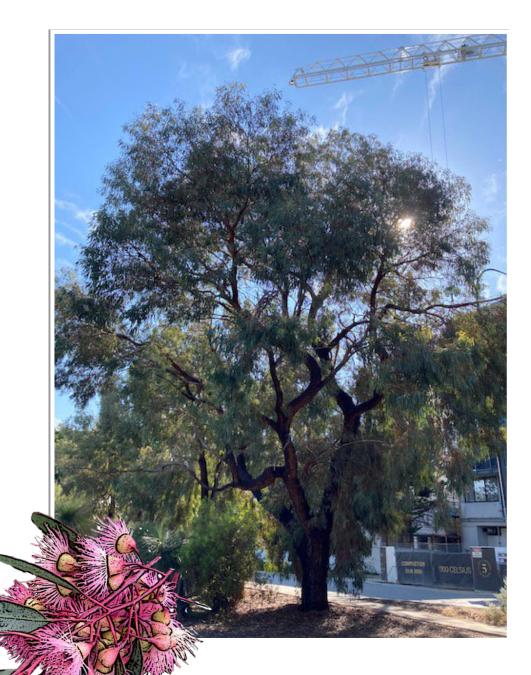
(Eucalyptus leucoxylon rosea)



- Native to Victoria, Australia
- Medium evergreen tree to 12m
- Red, bird attracting flowers from June to January

Photo location: Stone Road, Claremont

Red Ironbark (Eucalyptus sideroxylon rosea)



- Native to eastern Australia
- Bird attracting, pink to red flowers during winter and early spring
- Deeply furrowed, dark brown to black bark Photo location: Davies Road, Claremont

Spotted Gum (Corymbia maculata)





- Native to coastal Eastern Australia
- Tall evergreen tree up to 15m
- White flowers are displayed from late Winter until Spring

Photo location: Judge Avenue, Claremont

Swamp Sheoak (Casuarina obesa)



- Native to Western Australia
- Medium-large upright evergreen tree 10-15m
- Grey-green pine like needle leaves

Photo location: John XXIII Avenue, Nedlands

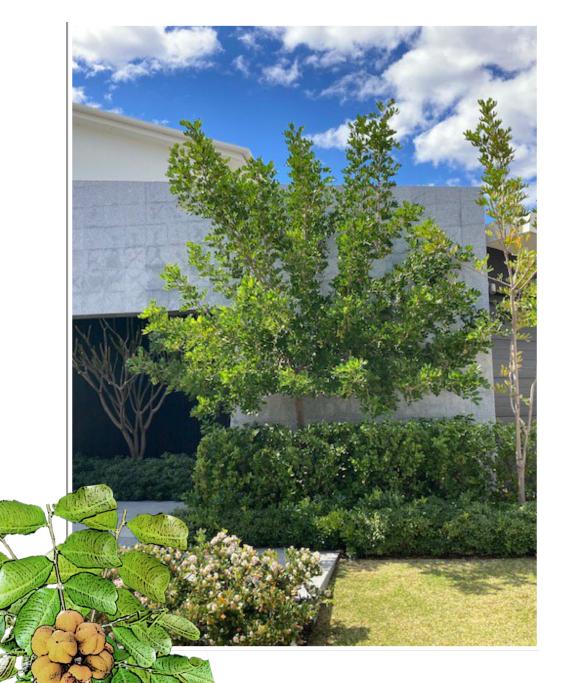
Water Gum (Tristaniopsis laurina)



- Native to Eastern Australia
- Medium evergreen shade tree to 15m
- Perfumed, yellow bird, attractive flowers in Spring and Summer

Photo location: Princess Road, Nedlands

Tuckeroo (Cupaniopsis anarcardiodes)



- Native to New South Wales and Queensland
- Small evergreen tree to 8m
- Dark green, glossy leaves and yellow flowers in Summer and Autumn Photo location: Swanway Crescent, Claremont

Cottonwood (Hibiscus tilaceous rubra)



- Native to Eastern Australia and the Pacific Region
- Broad, evergreen tree to 8m
- Large, burgundy and dark green foliage and striking yellow flowers in Summer

Photo location: Dolphin Terrace ,Mandurah

(Brachychiton discolor)



- Native to Eastern Australia
- Medium semi deciduous tree to 20m
- Bright pink flowers in Summer

Stock image provided

Kurrajong

(Brachychiton populneus)



• Cream and pink coloured flowers in Spring and Summer Stock image provided

Leopard Tree

(Libidibia ferrea)







- Fast-growing feature tree. Typical height 8m to 10m
- Dappled bark, fern like leaf, yellow flower
- Drought tolerant, pest and disease free Photo Location: Hammond Road, Claremont

Open Location Tree Species

Larger than usual sized verge:

- Coast Banksia (Banksia integrifolia)
- Illawarra Flame Tree (Brachychiton acerfolius)
- Marri (Corymbia calophylla)
- Tuart (Eucalyptus gomphocephala)
- English Oak (Quercus robur)

Coast Banksia (Banksia integrifolia)



- Native to Eastern Australia
- Large evergreen tree to 25m
- Yellow bird attracting flowers from autumn to spring and pale green and silver foliage

Photo location: Graylands Road, Claremont

Coral Tree (Erythrina sykesii)



- This variety is of uncertain origin but Erythrinas occur naturally in many countries
- Large deciduous shade tree to 25m
- Produces red flowers on bare wood in Winter

Photo location: Loton Road, Claremont

Illawarra Flame Tree

(Brachychiton acerifolius)



- Native to Eastern Australia
- Large semi deciduous tree to 30m
- Crimson flowers in spring and summer and small, glossy green leaves

Photo location: Rowe Park, Claremont



(Corymbia calophylla)

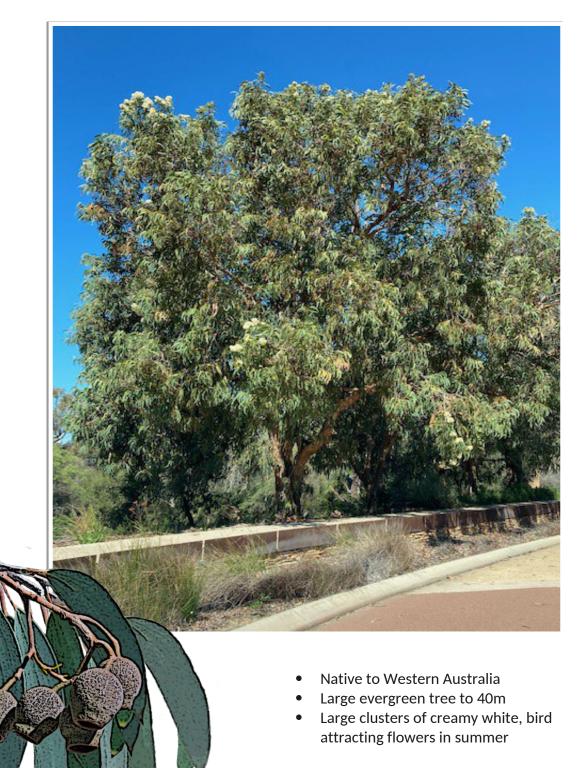
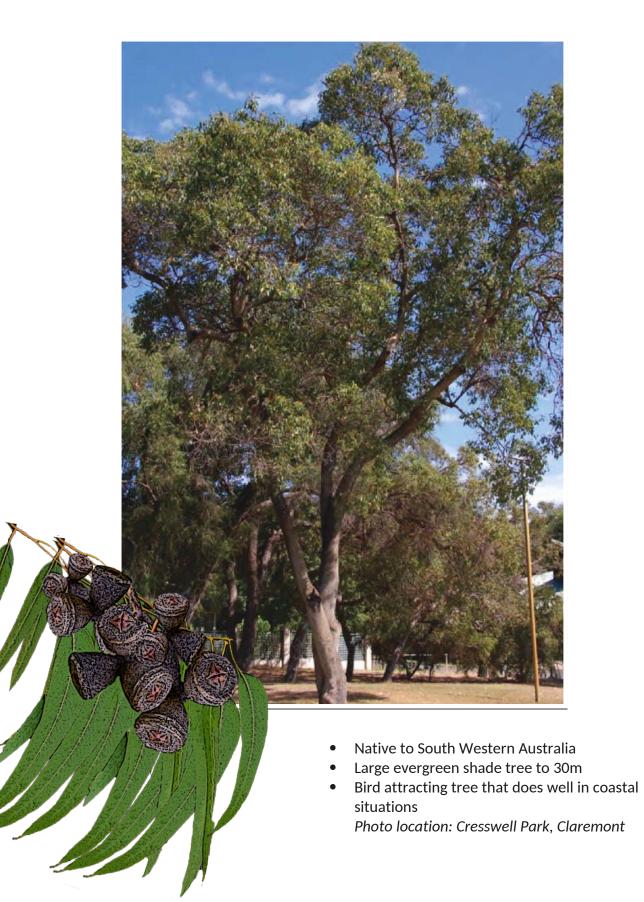


Photo location: Swanway Crescent, Claremont

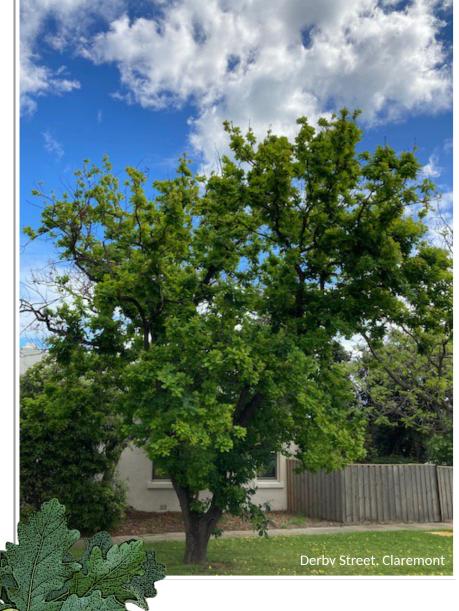
Tuart

(Eucalyptus gomphocephala)



English Oak

(Quercus robur)



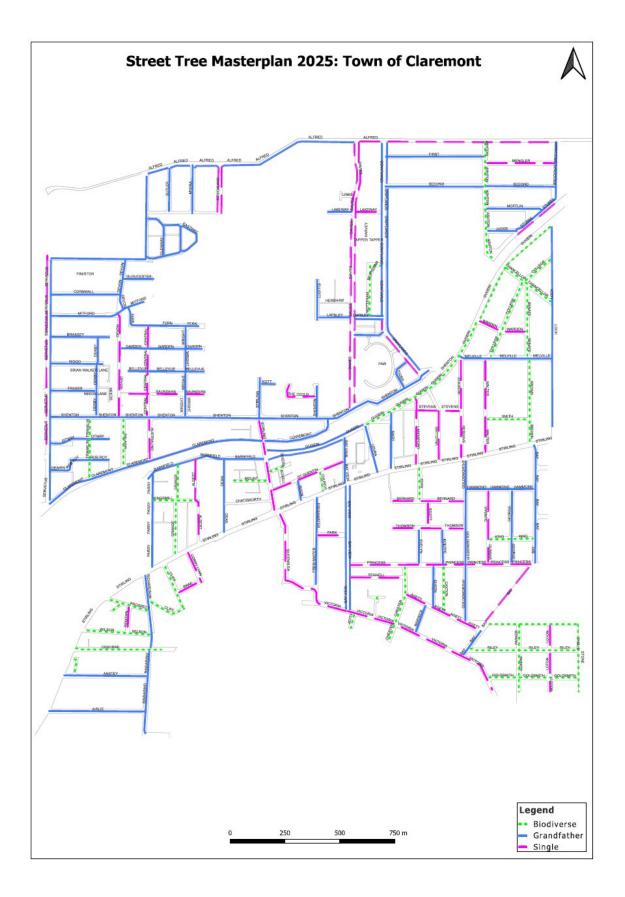
- Native to Europe and Western Asia
- Medium, wide growing deciduous shade tree to 12m
- Small yellow flowers in Spring and yellow Autumn foliage

Map of Street Classifications

Single Species Tree Avenue- Tree species remains the same as the 2013 Masterplan due to a strong existing theme and or species has grown successfully. All locations within the same street will receive the same tree species.

Grandfather Species Avenue -Tree species was a diseased tree and previously unsuccessful. Six species to be changed to a new more successful species are W.A. Peppermint, Red Flowering Gum, Liquidambar, Coral Tree, London Plane and Jarrah. All locations within the same street will receive the same new tree species.

Biodiverse Streets- Street contains a mixture of tree species, so any tree can be chosen from the recommended list based on verge size. All locations within the same street can receive a different tree species.



Single Species Tree Avenues

SOUTH

STREET	VERGE SIZE	TREE SPECIES BOTANICAL NAME	TREE SPECIES COMMON NAME
Agett Road	Standard	Delonix regia	Poinciana
Bay Road West (Agett Rd – Princess Rd)	Restricted	Eucalyptus cladocalyx	Sugar Gum
Bernard Street	Open	Pistacia chinensis	Chinese Pistachio
Brae Road	Standard	Jacaranda mimosifolia	Jacaranda
Corry Lynn Road	Standard	Jacaranda mimosifolia	Jacaranda
Dunbar Road	Standard	Delonix regia	Poinciana
Goldsworthy Road East (Agett Rd – Princess Rd)	Standard	Eucalyptus cladocalyx	Sugar Gum
Park Lane	Standard	Jacaranda mimosifolia	Jacaranda
Pennell Road	Restricted	Jacaranda mimosifolia	Jacaranda
Princess Road	Standard	Delonix regia	Poinciana
Queenslea Drive	Standard	Jacaranda mimosifolia	Jacaranda
Scott Street	Standard	Pistacia chinensis	Chinese Pistachio
Thomson Road	Standard	Delonix regia	Poinciana
Victoria Avenue	Restricted	Erythrina sykesii	Coral tree

WEST

STREET	VERGE SIZE	TREE SPECIES	TREE SPECIES
		BOTANICAL NAME	COMMON NAME
Australind Street	Standard	Delonix regia	Poinciana
Central Avenue	Standard	Melaleuca viridiflora	Broad Leaf Paperbark
Devon Road	Restricted	Melaleuca viridiflora	Broad Leaf Paperbark
Grange Street North	Restricted	Triadica sebiferum	Chinese Tallow
Saunders Street	Restricted	Melaleuca viridiflora	Broad Leaf Paperbark
Servetus Street West	Open	Eucalyptus	Tuart
		gomphocephala	
Strickland Street	Standard	Melaleuca viridiflora	Broad Leaf Paperbark
The Cedus	Open	Triadica sebiferum	Chinese Tallow

EAST

STREET	VERGE SIZE	TREE SPECIES	TREE SPECIES
		BOTANICAL NAME	COMMON NAME
Alfred Road East	Restricted	Melaleuca viridiflora	Broad Leaved
			Paperbark
Davies Road East	Standard	Eucalyptus nicholii	Narrow Leaf Black
			Peppermint
Davies Road West	Standard	Melaleuca viridiflora	Broad Leaf Paperbark
Langsford Street	Restricted	Callistemon Kings Park	Bottlebrush
		Special	
Mengler Ave	Standard	Jacaranda mimosaefolia	Jacaranda
Reserve Street	Restricted	Jacaranda mimosifolia	Jacaranda
St Quentin Avenue	Restricted	Liquidambar styraciflua	Liquidambar
Stevens Street	Restricted	Tradica sebiferum	Chinese Tallow
Stirling Road South	Restricted	Coymbia maculata	Spotted Gum
Stubbs Terrace East	Standard	Eucalypus citriodora	Lemon Scented Gum
Vaucluse Ave	Restricted	Jacaranda mimoseafolia	Jacaranda
Walter Street	Standard	Jacaranda mimosaefolia	Jacaranda
Warden Street	Standard	Erythrina sykesii	Coral Tree

Grandfather Species Avenues

(Diseased Streets)

SOUTH

STREET	GRANDFATHER SPECIES	VERGE SIZE	PROPOSED NEW SPECIES BOTANICAL NAME	PROPOSED NEW SPECIES COMMON NAME
Airlie Street	Agonis flexuosa	Standard	Eucalyptus leucoxylon	Red Flowering
			rosea	Yellow Gum
Anstey Street	Agonis flexuosa	Standard	Quercus robur	Oak
Bay Rd	Corymbia ficifolia	Standard	Jacaranda mimosifolia	Jacaranda
Avion Way	Platanus acerifolia	Restricted	Libidibia ferrea	Leopard Tree
Bindaring Parade	Platanus acerifolia	Restricted	Libidibia ferrea	Leopard Tree
Bay View Terrace	Platanus acerifolia	Restricted	Libidibia ferrea	Leopard Tree
Evelyn Road	Platanus acerifolia	Standard	Libidibia ferrea	Leopard Tree
Freshwater Parade	Liquidambar styraciflua	Open	Eucalyptus gomphocephala	Tuart
Goldsworthy Road	Platanus acerifolia	Standard	Libidibia ferrea	Leopard Tree
Loton Road	Erythrina sykesii	Standard	Brachychtion discolor and Brachychiton populneus	Lacebark and Kurrajong
George Avenue	Platanus acerifolia	Standard	Libidibia ferrea	Leopard Tree
Hammond Road	Platanus acerifolia	Standard	Libidibia ferrea	Leopard Tree
Koeppe Road	Platanus acerifolia	Standard	Libidibia ferrea	Leopard Tree
Parker Road	Agonis flexuosa	Standard	Eucalyptus leacoxylon rosea	Red flowering yellow gum
Queen Street	Agonis flexuosa	Restricted	Delonix regia	Poinciana
Renown Avenue	Erythrina sykesii	Standard	Brachychtion discolor and Brachychiton populneus	Lacebark and Kurrajong
Richardson	Platanus	Standard	Libidibia ferrea	Leopard Tree

Avenue	acerifolia			
Victoria Avenue	Erythrina sykesii	Restricted	Brachychiton discolor and Brachychiton populneus	Lacebark and Kurrajong
Warwick Street	Platanus acerifolia	Restricted	Libidibia ferrea	Leopard Tree

EAST

STREET	GRANDFATHER SPECIES	VERGE SIZE	PROPOSED NEW SPECIES BOTANICAL NAME	PROPOSED NEW SPECIES COMMON NAME
Brockway Road West	Agonis flexuosa	Restricted	Corymbia maculata	Spotted Gum
Elliott Road	Agonis flexuosa	Standard	Melaleuca viridiflora	Broad leaved paperbark
First Avenue	Agonis flexuosa	Standard	Eucalyptus leacuoxylon rosea	Red flowering yellow gum
Graylands Road West	Agonis flexuosa	Standard	Jacaranda mimosaefolia	Jacaranda
Graylands Road East	Platanus acerifolia	Standard	Libidibia ferrea	Leopard Tree
Gugeri Street West	Platanus acerifolia	Restricted	Libidibia ferrea	Leopard Tree
Judge Avenue	Agonis flexuosa	Standard	Eucalyptus rudis	Flooded gum
Lakeway Street West	Agonis flexuosa	Restricted	Melaleuca viridiflora	Broad Leaved Paperbark
Kyle Way	Platanus acerifolia	Restricted	Libidibia ferrea	Leopard tree
Lapsley Road North East	Agonis flexuosa	Standard	Delonix regia	Poinciana
Lapsley Road West	Agonis flexuosa	Standard	Eucalyptus leucoxylon rosea	Red Flowering Yellow Gum
Lapsley Road South East	Platanus acerifolia	Standard	Libidibia ferrea	Leopard Tree
Loch Street	Liquidambar styraciflua	Open	Brachychiton acerfolius	Illawarra Flame
Leura Avenue	Platanus acerifolia	Restricted	Libidibia ferrea	Leopard Tree
Mary Street	Eucalyptus marginata	Restricted	Delonix regia	Poinciana
Melville Street	Liquidambar styraciflua	Open	Banksia integrifolia	Coast Banksia
Mofflin Avenue	Agonis flexuosa	Standard	Callistemon Kings Park Special	Bottlebrush
Second Avenue	Agonis flexuosa	Standard	Eucalyptus sideroxylon rosea	Ironbark
Shenton Road	Platanus	Restricted	Libidibia ferrea	Leopard Tree

East	acerifolia			
Stubbs Terrace	Agonis flexuosa	Standard	Corymbia maculata	Spotted Gum
Tiger Way	Platanus	Restricted	Libidibia ferrea	Leopard Tree
	acerifolia			
Warden Street	Erythrina sykesii	Standard	Brachychiton discolor	Lacebark and
			and Brachychiton	Kurrajong
			populneus	

WEST

STREET	GRANDFATHER SPECIES	VERGE SIZE	PROPOSED NEW SPECIES BOTANICAL NAME	PROPOSED NEW SPECIES COMMON NAME
Alfred Road	Agonis flexuosa	Standard	Eucalyptus gomphocephala	Tuart
Barnfield Road	Eucalyptus marginata	Restricted	Eucalyptus torquata	Coral gum
Bellevue Terrace	Agonis flexuosa	Restricted	Eucalyptus victrix	Coolibah
Brassey Street	Agonis flexuosa	Restricted	Tristianiopsis laurina	Watergum
Butler Avenue	Agonis flexuosa	Standard	Callistemon Kings Park Special	Bottlebrush
Claremont Crescent East of Stirling Road	Agonis flexuosa	Standard	Jacaranda mimosifolia	Jacaranda
Claremont Crescent West of Stirling Road	Agonis flexuosa	Restricted	Cupaniopsis anacardiodes	Tuckeroo
Cornwall Street	Agonis flexuosa	Standard	Eucalyptus leucoxylon rosea	Red Flowering Yellow Gum
Deakin Street	Agonis flexuosa	Standard	Eucalyptus sideroxylon rosea	Ironbark
Derby Street	Agonis flexuosa	Restricted	Pyrus usseriensis	Manchurian Pear
Devon Road North	Agonis flexuosa	Standard	Eucalyptus sideroxylon rosea	Ironbark
Eastway Crecent	Agonis flexuosa	Restricted	Callistemon Kings Park Special	Bottlebrush
Fern Street	Agonis flexuosa	Restricted	Tristaniopsis laurina	Watergum
Fraser Street	Agonis flexuosa	Standard	Melaleuca viridiflora	Broad leaved Paperbark
Garden Street	Agonis flexuosa	Standard	Eucalyptus rudis	Flooded gum
Glenway Crescent	Agonis flexuosa	Restricted	Corymbia maculata	Spotted Gum
Gloucester Street	Agonis flexuosa	Standard	Eucalyptus leacuoxylon rosea	Red Flowering Yellow Gum
Kott Terrace	Agonis flexuosa	Standard	Cupaniopsis anacardiodes	Tuckeroo
Mitford Street	Agonis flexuosa	Standard	Eucalyptus nicholii	Narrow leaved Black peppermint

Myera Street	Agonis flexuosa	Standard	Eucalyptus sideroxylon	Ironbark
			rosea	
Otway Street	Agonis flexuosa	Restricted	Eucalyptus torquata	Coral gum
Parry Street	Agonis flexuosa	Open	Banksia integrifolia	Coast Banksia
Rob Roy Street	Agonis flexuosa	Restricted	Cupaniopsis anaracardiodes	Tuckeroo
Servetus Street East	Agonis flexuosa	Standard	Eucalyptus sideroxylon rosea	Ironbark
Shenton Place	Agonis flexuosa	Standard	Casuarina obesa	Swamp Sheoak
Shenton Road West	Agonis flexuosa	Standard	Eucalyptus rudis	Flooded Gum
Stirling Road North	Agonis flexuosa	Standard	Eucalyptus sideroxylon rosea	Ironbark
Swanway Crescent	Agonis flexuosa	Restricted	Eucalyptus torquata	Coral gum
Wood Street	Agonis flexuosa	Standard	Delonix regia	Poinciana
Wright Avenue	Agonis flexuosa	Standard	Callistemon Kings Park Special	Bottlebrush

Biodiverse Streets

SOUTH

STREET	VERGE SIZE
Bay Road	Standard
Caxton Road	Restricted
Chester Road	Standard
Cliff Road	Standard
Cliff Way	Restricted
Freshwater Close	Standard
Goldsmith Road	Standard
Jetty Road	Restricted
John Street	Standard
King Street	Standard
Melvista Avenue South	Standard
Minderup Close	Restricted
Osborne Parade	Open
Prospect Place	Restricted
Prospect Street	Standard
Riley Road	Standard
Stone Road East	Standard
Wilson Street	Restricted

EAST

STREET	VERGE SIZE
Ashton Avenue	Restricted
Brown Street	Restricted
Chancellor Street	Open
Church Lane	Restricted
College Road	Open
Gugeri Street South East	Open
Lakeway Street East	Restricted
Motteram Avenue	Standard
Obeirne Street	Restricted
Senate Street	Standard
Smith Street	Restricted

WEST

STREET	VERGE SIZE
Franklin Street	Restricted
Grange Street South	Open
Kingsmill Street	Restricted
Mount Street	Restricted
Saladin Street	Standard
The Cedus	Open