

1. PURPOSE

This is a City of Swan Guideline for appropriate planting and maintenance etc. of trees in the verge and POS.

2. STREET TREES SPECIES SELECTION RATIONALE

Canopy cover, species diversity, adaptability to climate change and a source of either animal habitats and/or food source are the criteria from which we measure the urban forest's ability to produce benefits for the community and the environment.

While all trees are beneficial to an urban environment, it is the larger, broad-canopied species that yield particular significant benefits; broad-canopy trees are vital in reducing the urban heat island effect and creating liveable cities. Broad calculations suggest that larger trees provide 75 per cent more environmental benefits than smaller trees.

With that in mind, the street and verge widths determine the space available for the tree canopy at maturity. A small tree in a wide street and verge will be out of context and considered a lost opportunity when considering the urban forest canopy cover. A large tree in a narrow street and verge may create conflicts with infrastructure, properties and becomes an expensive maintenance issue. In addition to this, the width of the cut-out or nature strip available for planting should also be considered when selecting the plant material.

In order to help the species selection process, the City of Swan's tree list (refer to section 6.) indicates which species are suitable for small (2-4m), medium (4-6m and 6-10m) and large (10m<) verges as well as cut-outs.

The City of Swan has a preference for **local native** tree species. However the City recognises that in certain situations exotic trees may be an appropriate selection.

When considering the use of exotic species, the following measures need to be taken into account:

- a) Proximity to bushland reserves, watercourses and wetlands, biofilters, compensation basins and other environmentally sensitive areas.
- b) Number of trees from the same species proposed. Large numbers and mass planting of exotic species are not supported.

The City of Swan also has a preference for **Waterwise** plants and trees.

3. PURCHASING TREES

Trees shall be supplied by approved suppliers and be in accordance with the species selection and approved City standards as outlined in the City of Swan Landscape Guidelines.

Trees shall be vigorous, well established, hardened off, of good form consistent with species or variety, free from disease and insect pests, with large healthy root systems and no evidence of having been restricted or damaged.

4. PLANTING GUIDELINES

The City's approval shall be required for all tree plantings within City land including those undertaken by Developers, residents, community groups, City staff and/or by contractors on behalf of the City.

The City will continue to offer to supply and plant at least one tree to the verge of each residential lot within the City and will consider requests to supply and plant additional trees for corner or wider frontage lots.

Tree supply and planting shall be in accordance with approved City standards as outlined in the City of Swan Landscape Guidelines.

Wherever possible, trees shall be planted immediately after delivery to the site. If this is not possible, trees shall be kept in good condition by appropriate storage methods. On-site nursery shall be provided for holding plant stock on site for more than 48 hours, with provision for watering.

4.1 Clearance Requirements

4.1.1 Tree planting shall comply with City of Swan Landscape Specification – Soft Landscape Elements - Planting. Refer to City of Swan Standard Drawings:

- a) STD 87-1s (Typical Tree Planting)
- b) STD 88-1s (Verge Tree Restrictions Corner Properties)

4.1.2 Street trees shall be planted at greater than 8.0m spacing with generally one tree per property frontage and two or three trees per side verge, subject to width and length of verge.

4.1.3 Where applicable, street trees shall be positioned in the verge within standard alignment (2.4 to 3.0m from lot boundary) as described in the Utility Providers Code of Practice for Western Australia.

4.1.4 Tree plantings in roads controlled by MRWA shall comply with MRWA standards.

4.1.5 Trees shall be planted:

- a) Greater than 8 metres from a street light, unless otherwise approved
- b) Greater than 1.8m from the driving edge, face of a kerb or path
- c) Greater than 3.5m of a cross-over, power pole, sign, fire hydrant, public service inspection pit, overhead wires leading into a property, bus stop or any other structural element
- d) Greater than 12.0m of the intersecting kerbs (for corner properties)

4.2 Planting Requirements

4.2.1 The City's approval shall be required for all tree plantings within City land including those undertaken by Developers, residents, community groups, City staff and/or by contractors on behalf of the City.

4.2.2 The City will continue to offer to supply and plant at least one tree to the verge of each lot within the City and will consider requests to supply and plant additional trees for corner or wider frontage lots. In the case of requests, residents shall be responsible for watering the tree/s supplied. Tree/s should not be planted under powerlines, unless their potential mature height remains within the specified distance from powerlines - ensuring minimal pruning of trees under powerlines.

4.2.3 Tree planting shall be in accordance with approved City standards as outlined in the City of Swan Landscape Guidelines.

4.2.4 Tree wells are to be used for all new tree planting to allow for more concentrated watering and fertilising as well as improved mowing practices.

4.2.5 Where a resident or developer has undertaken unauthorised planting on City land, which the City deems to be unsuitable and not compliant with the City of Swan Landscape Guidelines, the City may take action towards the removal/relocation of unauthorized plantings, and may require that the costs be met by the resident or developer.

5. TREE MAINTENANCE REQUIREMENTS

Below are listed guidelines for tree protection, pruning, removal and maintenance to enable the efficient and consistent management of all trees on City land:

5.1 Tree Pruning

5.1.1 Except in situations where tree pruning responsibility rests with statutory authorities such as Western Power or, as approved by the City, with the Developer of a site, the City shall be responsible for the pruning of all Trees General within City land.

5.1.2 Pruning of Trees General by the City shall be undertaken in accordance with set annual programs.

- a) Clear canopy from interference with overhead power lines (as per Western Power's code of practice and responsibility model) and other essential services;
- b) Under prune low growing branches hazardous to traffic and pedestrians and remove overhanging branches hazardous to property, pedestrians or traffic (as per Utility provider Standards and Australian Standards)

5.1.3 Non-programmed and emergency pruning of Trees General may be undertaken by the City for reasons as noted below:

- a) to remove dead, dying, diseased or pest infested stems, limbs or branches;
- b) to prune roots hazardous to private or public property;
- c) to redefine the framework of mature trees;
- d) to rejuvenate vigour in old growth;
- e) to reduce crown density so as to redistribute growth to lateral branches; or to carry out remedial or corrective surgery as required as a result of storm damage.

5.1.4 Requests for tree pruning shall not be considered for the following reasons:

- a) tree causing excessive shade;
- b) tree shedding excessive leaf, fruit or bark;
- c) tree considered too large or too tall;
- d) tree causing allergies
- e) tree causing perceived fire risk
- f) tree obstructing scenic views

5.1.5 Requests for tree pruning may not be considered for the following reasons:

- a) solar panels;
- b) tree litter fallen or blown into gutters, down pipes or drainage systems.

5.1.6 In cases of demonstrated exceptional circumstances, the City will review such situations on a case by case basis and arrange for an Arboricultural Assessment if required.

5.2 Tree Removal - Trees General

5.2.1 Except for specific arrangement with Western Power for naturally occurring trees, the City shall be responsible for the removal of any Trees General within City land and this approval may extend to situations where the tree is:

- a) dead or diseased and beyond remedial treatment;
- b) structurally weak and dangerous, posing a risk to public & property safety;
- c) rendered dangerous and/or irreparable due to storm damage;
- d) a hazard to pedestrians and motorists as its location, species or alignment obstructs necessary vision or other safety aspects;
- e) affected by public works and every option for preventing loss of the tree has been investigated without practical solution;
- f) in contact with overhead power lines or distribution wires and where for reasons of growth habit pertaining to the species, selective pruning is not practical;

5.2.2 The following shall not constitute sufficient reason for the removal of a Trees General:

- a) growth of tree obstructing scenic views;
- b) dislike of the species or its growth habit;
- c) leaf, fruit or bark shedding causing a nuisance; unless causing risk to property. To be assessed case by case by City officers
- d) species considered inappropriate to its location
- e) existing tree collocated with first (essential) driveway crossover, unless there is no alternative and replacement trees are planted
- f) existing tree collocated with a second or any additional crossover;
- g) tree litter fallen or blown into gutters, down pipes or drainage systems

5.2.3 Trees General may be removed by the City as part of the community endorsed and City approved tree replacement program normally using the City Communications Protocol - Letters, mail out etc.

5.2.4 Any proposed removal of a Trees General shall be preceded by public communication in accordance with the City's Communication Protocol, if the proposed tree removal affects the Guildford Planning Guidelines or the Woodbridge Planning Guidelines.

5.3 Tree Removal – Development

5.3.1 Where trees are intended for removal to benefit the further development of an area, the City reserves the right to value the tree as a City asset using the Burnley or similar recognised method of Tree Valuation, with the developer being liable for the payment of the valuation of the removed asset.

5.3.2 All efforts are to be made by the developer to design the new development taking into account the existing tree/s, with removal being the last option.

5.3.3 Where the request from a developer for the removal of a tree to benefit the further development of an area is not deemed to be significant, the developer will be required to relocate the existing tree/s to a more suitable location or replace the tree/s with an agreed species in an agreed location.

5.3.4 All requests from developers for the pruning or removal of City controlled trees will be dealt with at the time of Planning Development Approval.

5.3.5 The developer will incur all costs associated with the pruning, removal, relocation and replacement of City controlled trees.

6. SUMMARY LIST OF TREE SPECIES

City of Swan recommended species are divided into following categories:

6.1 Western Australian native species

6.2 Australian native species

6.3 Exotic species

* Refer to Appendix 'A', 'B' & 'C' for list of recommended species in each of the above listed categories.

* Refer to Appendix 'D' for City of Swan Soil Type Map

6.4 Species to be used with caution:

Below listed species are to be used with caution in order to lower allergies, prevent long term maintenance issues, protect orchards and vineyards from bird attracting species and protect wetlands, waterways, compensation basins and biofilters.

- a) *Callistemon citrinus* Crimson Bottlebrush
- b) *Callistemon Kings Park Special* Kings Park Special
- c) *Callistemon saligna* var *rubra* Red Willow
- d) *Callistemon vimilalis* prolific Weeping Bottlebrush
- e) *Callistemon viminalis* Dawson River Dawson River Weeper
- f) *Lophostemon confertus* Queensland Brush Box
- g) *Melaleuca salicina* (*Callistemon salignus*) Willow Bottlebrush
- h) *Jacaranda mimosifolia* Jacaranda
- i) *Platanus acerifolia* London Plane
- j) *Tipuana tipu* Pride of Bolivia
- k) *Pyrus calleryana* Callery Pear
- l) *Brachychiton* sp

6.5 Species to be avoided in the City of Swan

Below listed species are to be avoided in order to lower allergies, prevent long term maintenance issues, protect orchards and vineyards from bird attracting species and protect wetlands, waterways, compensation basins and biofilters.

- a) *Acer* spp Maple
- b) *Alnus* spp Alder
- c) *Betula* spp Birch
- d) *Callitris glaucophylla* White Cypress Pine/Murray Pine
- e) *Casuarina equisetifolia* She Oak
- f) *Cupressus macrocarpa* Monterey Pine
- g) *Cupressus semperrirens* Cypress
- h) *Fraxinus* spp Ash
- i) *Juglans* spp Walnut
- j) *Liquidambar styraciflua* Liquidambar (like for like replacement acceptable)
- k) *Ligustrum* spp Privet
- l) *Melia azedarach* White Cedar
- m) *Olea* spp Olive
- n) *Populus deltoids* Poplar
- o) *Prosopis juliflora* Mesquite
- p) *Ulmus* spp Elm
- q) *Quercus* spp Oak

6.6 Environmental weeds

Below listed species should not be knowingly used in landscaping in the City of Swan:

6.6.1 Australian native species with recognised potential to become weeds:

- a) *Acacia* spp Wattle (eastern states species)
- b) *Chamaelaucium uncinatum* Geraldton Wax
- c) *Corymbia (Eucalyptus) citriodora* Lemon Scented Gum (except in Midland, Guildford and rural areas)
- d) *Eucalyptus botryoides* Mahogany Gum
- e) *Eucalyptus camaldulensis* River Red Gum
- f) *Eucalyptus cladocalyx* Sugar Gum (except where historically appropriate eg Guildford)
- g) *Eucalyptus globulus* Tasmanian Blue Gum
- h) *Eucalyptus saligna* Sydney Blue Gum
- i) *Leptospermum laevigatum* Victorian Tea Tree

6.6.2 Exotic Species with recognised potential to become weeds:

- a) *Ailanthus altissima* Tree of Heaven
- b) *Chamaecytisus proliferus* Tagasaste
- c) *Ficus* spp Figs
- d) *Gledista tricanthos* Honey Locust
- e) *Oleander* spp Oleander
- f) *Salix* spp Willows
- g) *Schinus terebinthifolius* Brazilian (Japanese) Pepper

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APPENDIX A - Western Australian native species:

Botanical Name ! Species to be used with caution ref. section 6.4 to 6.6	Common Name	Evergreen/ Deciduous	Height x Width (m)	Tree Class	Soil* S Sandy soil; L Loam soil; C Clay soil; G Gravel	Spectacular Flowers	Suitable for cut-outs and narrow nature strips	Verge size From lot boundary to back of kerb				Suitable under power lines	Water Wise
								2-3m	3-6m	6-10m	10m +		
<i>Agonis flexuosa</i>	WA Weeping Peppermint	Evergreen	12 x 6	Medium	All	No			✓	✓	✓	Pruning required	✓
<i>Banksia attenuata</i>	Slender Banksia	Evergreen	10 x 6	Medium	S, L	Yes		✓	✓			x	✓
<i>Banksia grandis</i>	Bull Banksia	Evergreen	10 x 8	Medium	S, G	Yes		✓	✓			x	✓
<i>Banksia ilicifolia</i>	Holly Leaved Banksia	Evergreen	8 x 6	Small	S	Yes		✓	✓			x	✓
<i>Banksia littoralis</i>	Swamp Banksia	Evergreen	10 x 6	Medium	S	Yes		✓	✓			x	✓
<i>Banksia menziesii</i>	Firewood Banksia	Evergreen	10 x 6	Medium	S	Yes		✓	✓			x	✓
<i>Banksia praemorsa</i>	Cut-leaf Banksia	Evergreen	5 x 4	Small	S	Yes						x	✓
<i>Banksia prionotes</i>	Orange Banksia	Evergreen	10 x 4	Medium	S	Yes		✓				x	✓
<i>Banksia seminuda</i>	River banksia	Evergreen	25 X 8	Large	S	Yes						x	✓
<i>! Callistemon viminalis</i>	Weeping bottlebrush	Evergreen	8 x 5	Small	All	Yes	✓	✓				Pruning required	✓
<i>! Callistemon 'Kings Park Special'</i>	Kings Park Special	Evergreen	5 x 3	Small	All	Yes		✓				Pruning required	✓
<i>Corymbia calophylla</i>	Marri	Evergreen	40 x 16	V Large	All	No				✓		x	✓
<i>Corymbia ficifolia</i>	WA Red Flowering Gum	Evergreen	10 x 6	Medium	S, L	Yes		✓	✓			✓	✓
<i>Eucalyptus accedens</i>	Power-bark Wandoo	Evergreen	20 x 15	Large	C, L, G	No						x	✓
<i>Eucalyptus burdettiana</i>	Burdett Gum	Evergreen	6 x 6	Small	All	No						x	✓
<i>Eucalyptus caesia</i>	Silver Princess	Evergreen	7 x 5	Small	All	Yes						x	✓
<i>Eucalyptus crucis</i>	Silver Mallee	Evergreen	7 x 5	Small	S, C, L	No						x	✓
<i>Eucalyptus decipiens</i>	Redheart	Evergreen	15 x 6	Medium	S, C, L	No						x	✓
<i>Eucalyptus desmondensis</i>	Desmond Mallee	Evergreen	5 x 4	Small	All	No						x	✓
<i>Eucalyptus erythrocorys</i>	Illyarie	Evergreen	7 x 4	Small	S	Yes		✓				Pruning required	✓
<i>Eucalyptus erythronema</i>	Red Flowered Mallee	Evergreen	5 x 4	Small	S, C	No		✓				✓	✓
<i>Eucalyptus formanii</i>	Forman's Mallee	Evergreen	8 x 5	Small	S, C	No						x	✓
<i>Eucalyptus forrestiana</i>	Fuchsia Gum	Evergreen	5 x 4	Small	S, C	Yes	✓	✓				✓	✓
<i>Eucalyptus gardneri</i>	Blue Mallett	Evergreen	8 x 5	Small	All	No						x	✓
<i>Eucalyptus gomphocephala</i>	Tuart	Evergreen	40 x 16	V Large	All	No					✓	x	✓
<i>Eucalyptus laeliae</i>	Darling Range Ghost Gum	Evergreen	15 x 6	Medium	S, C, G	No						x	✓
<i>Eucalyptus lane-poolei</i>	Salmon White Gum	Evergreen	10 x 10	Medium	All	No	✓		✓	✓		x	✓
<i>Eucalyptus macrandra</i>	Long-Flowered Marlock	Evergreen	6 x 6	Small	All	No						x	✓
<i>Eucalyptus marginata</i>	Jarra	Evergreen	30 x 15	V Large	S	No						x	✓
<i>Eucalyptus orbifolia</i>	Round Leafed Mallee	Evergreen	6 x 6	Small	All	No		✓				Pruning required	✓
<i>Eucalyptus patens</i>	Blackbutt	Evergreen	25 X 8	Large	S, L	No						x	✓
<i>Eucalyptus platypus 'Heterophylla'</i>	Coastal Moort	Evergreen	6 x 6	Small	All	No	✓	✓				Pruning required	✓
<i>Eucalyptus rudis</i>	Flooded Gum	Evergreen	25 X 8	Large	All	No				✓		x	✓
<i>Eucalyptus sargentii</i>	Salt River Gum	Evergreen	10 x 10	Medium	All	No						x	✓
<i>Eucalyptus steedmanii</i>	Steedman's Gum	Evergreen	8 x 5	Small	S, L	No						x	✓
<i>Eucalyptus stricklandii</i>	Strickland's Gum	Evergreen	8 x 5	Small	All	No						x	✓
<i>Eucalyptus spathulata</i>	Swamp Mallet	Evergreen	8 x 5	Small	All	No	✓					Pruning required	✓
<i>Eucalyptus todtiana</i>	Coastal Blackbutt	Evergreen	8 x 5	Small	S	No	✓	✓				Pruning required	✓
<i>Eucalyptus torquata</i>	Coral Gum	Evergreen	8 x 3	Small	All	Yes	✓	✓				Pruning required	✓
<i>Eucalyptus torwood</i>	Torwood	Evergreen	10 x 10	Medium	All	No						Pruning required	✓
<i>Eucalyptus wandoo</i>	Wandoo	Evergreen	20 x 15	Large	All	No						x	✓
<i>Eucalyptus websteriana</i>	Webster's Mallee	Evergreen	6 x 6	Small	All	No						x	✓
<i>Eucalyptus victrix</i>	Western coolabah	Evergreen	7 x 5	Small	S, L, C	No			✓			x	✓
<i>Eucalyptus youngiana</i>	Large Fruited Mallee	Evergreen	8 x 5	Small	All	Yes		✓				x	✓
<i>Hakea laurina</i>	Pin Cushion Hakea	Evergreen	5 x 3	Small	All	Yes		✓				✓	✓
<i>Melaleuca cuticularis</i>	Saltwater Paperbark	Evergreen	10 x 6	Medium	All	No	✓		✓			x	✓
<i>Melaleuca lanceolata</i>	Rottnest Tea Tree	Evergreen	10 x 10	Medium	All	No			✓	✓		Pruning required	✓
<i>Melaleuca leucadendra</i>	Northern Weeping Paperbark	Evergreen	7 x 6	Small	All	Yes	✓	✓				Pruning required	✓
<i>Melaleuca nesophila</i>	Western Tea Myrtle	Evergreen	6 x 6	Small	All	Yes						x	✓
<i>Melaleuca preissiana</i>	Stout Paperbark	Evergreen	10 x 6	Medium	S, L	No						x	✓
<i>Melaleuca raphiophylla</i>	Swamp Paperbark	Evergreen	7 x 3	Small	All	No	✓					Pruning required	✓
<i>Pittosporum angustifolium</i>	Weeping Pittosporum	Evergreen	10 x 6	Medium	All	No						x	✓
<i>Taxandria juniperina</i>	Swamp Wattle	Evergreen	10 x 6	Medium	All	No						x	✓
<i>Xylomelum angustifolium</i>	Woody Pear	Evergreen	7 x 5	Small	All	No						x	✓

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APPENDIX B - Australian native species:

Botanical Name ! Species to be used with caution ref. section 6.4 to 6.6	Common Name	Evergreen/ Deciduous	Height x Width (m)	Tree Class	Soil* S Sandy soil; L Loam soil; C Clay soil; G Gravel	Spectacular Flowers	Suitable for cut-outs and narrow nature strips	Verge size From lot boundary to back of kerb				Suitable under power lines	Water Wise
								2-3m	3-6m	6-10m	10m +		
<i>Acmena smithii</i>	Lilly Pilli	Evergreen	10 x 6	Medium	All	Yes			✓			Pruning required	✓
<i>Angophora costata</i>	Smooth-Barked Apple Gum	Evergreen	30 x 10	V Large	S	Yes				✓		*	*
<i>Banksia integrifolia</i>	Coast Banksia	Evergreen	10 x 6	Medium	S	Yes			✓			*	✓
! <i>Brachychiton acerifolius</i>	Illawara Flame Tree	Deciduous	15 x 8	Medium	All	Yes	✓		✓	✓		*	✓
! <i>Brachychiton discolor</i>	Lacebark Kurrajong	Deciduous	9 x 5	Medium	All	Yes	✓		✓			*	✓
! <i>Brachychiton populneus</i>	Kurrajong	Evergreen	17 x 8	Large	All	No	✓		✓	✓		*	✓
! <i>Callistemon citrinus</i>	Crimson Bottlebrush	Evergreen	5 x 3	Small	All	Yes						✓	✓
! <i>Callistemon salignus 'Rubra'</i>	Red Willow Bottlebrush	Evergreen	10 x 3	Small	All	Yes						Pruning required	✓
! <i>Callistemon 'Dawson River'</i>	Dawson River Weeper	Evergreen	6 x 3	Small	All	Yes	✓	✓				Pruning required	✓
<i>Casuarina torulosa</i>	Rose She-oak	Evergreen	15 x 7	Medium	All	No			✓	✓		*	✓
<i>Corymbia maculata</i>	Spotted Gum	Evergreen	40 x 20	V Large	C, L	No				✓		*	✓
<i>Eucalyptus cinerea</i>	Argyle Apple	Evergreen	8 x 6	Small	All	No			✓	✓		Pruning required	✓
<i>Eucalyptus eximia</i>	Yellow Bloodwood	Evergreen	15 x 7	Medium	All	No			✓			*	✓
<i>Eucalyptus leucoxylon 'Rosea'</i>	Red Flowering Yellow Gum	Evergreen	8 x 6	Small	All	No	✓	✓	✓			Pruning required	✓
<i>Eucalyptus nicholii</i>	Narrow-leaved Black Peppermint	Evergreen	15 x 7	Medium	All	No				✓	✓	*	✓
<i>Eucalyptus scoparia</i>	Wallangarra White Gum	Evergreen	15 x 7	Medium	All	No						*	✓
<i>Eucalyptus sideroxylon 'Rosea'</i>	Mugga Ironbark	Evergreen	10 x 6	Medium	All	No			✓			*	✓
! <i>Ficus macrophylla</i>	Moreton Bay Fig	Evergreen	35 x 25	V Large	All	No					✓	*	✓
! <i>Ficus microcarpa 'Hillii'</i>	Hill's Weeping Fig	Evergreen	15 x 10	Large	All	No					✓	*	✓
! <i>Ficus rubiginosa</i>	Port Jackson Fig	Evergreen	20 x 20	V Large	All	No					✓	*	✓
<i>Hymenosporum flavum</i>	Native Frangipani	Evergreen	7 x 4	Small	All	Yes	✓	✓	✓			Pruning required	✓
! <i>Lophostemon confertus</i>	Queensland Brush Box	Evergreen	18 x 15	Large	All	No	✓			✓	✓	Pruning required	*
! <i>Melaleuca salicina (Callistemon salignus)</i>	Willow Bottlebrush	Evergreen	10 x 5	Medium	All	Yes						Pruning required	✓
<i>Melaleuca quinquenervia</i>	Broad Leafed Paperbark	Evergreen	15 x 7	Medium	All	Yes	✓		✓			Pruning required	✓
<i>Melaleuca viridiflora</i>	Red Flowering Paperbark	Evergreen	5 x 2	Small	C, All	Yes	✓	✓				Pruning required	✓
<i>Stenocarpus sinuatus</i>	Firewheel Tree	Evergreen	10 x 6	Medium	L, All	Yes	✓					Pruning required	✓
<i>Tristaniopsis laurina</i>	Water Gum	Evergreen	10 x 5	Medium	All	No	✓	✓	✓			Pruning required	*

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APPENDIX C - Exotic species:

Botanical Name ! Species to be used with caution ref. section 7.2 to 7.4	Common Name	Evergreen/ Deciduous	Height x Width (m)	Tree Class	Soil* S Sandy soil; L Loam soil; C Clay soil; G Gravel	Spectacular Flowers	Suitable for cut-outs and narrow nature strips	Verge size From lot boundary to back of kerb				Suitable under power lines	Water Wise
								2-3m	3-6m	6-10m	10m +		
<i>Bauhinia alba</i>	White Orchid Tree	Semi-Deciduous	8 x 7	Small	All	✓	✓	✓	✓			x	x
<i>Bauhinia blakeana</i>	Deep Purple Orchid Tree	Semi-Deciduous	8 x 7	Small	All	✓	✓	✓	✓			x	x
<i>Bauhinia purpurea</i>	Butterfly Tree	Semi-Deciduous	8 x 7	Small	All	✓	✓	✓	✓			x	x
<i>Cedrus deodara</i>	Himalayan Cedar	Evergreen	9 x 6	Small	S, L, C	x						x	x
<i>Delonix regia</i>	Poinciana	Deciduous	10 x 10	Medium	L	✓	✓		✓	✓		Pruning required	x
<i>Erythrina sykesii</i>	Coral Tree	Deciduous	30 x 15	V Large	All	✓				✓		x	x
! <i>Fraxinus griffithii</i>	Evergreen Ash	Evergreen	10 x 5	Medium	All	x		✓	✓			Pruning required	✓
<i>Ginkgo biloba</i>	Maiden Hair Tree	Deciduous	25 x 15	Large	All	x	✓				✓	x	x
! <i>Gleditsia triacanthos</i>	Golden Honey Locust	Deciduous	10 x 6	Medium	All	x	✓	✓	✓			Pruning required	✓
<i>Harpephyllum caffrum</i>	Wild Plum / Kaffir Plum	Evergreen	15 x 8	Medium	All	x			✓	✓		x	✓
! <i>Jacaranda mimosifolia</i>	Jacaranda	Deciduous	15 x 8	Medium	All	✓	✓		✓	✓		x	✓
<i>Lagerstroemia indica</i>	Crape Myrtle	Evergreen	8 x 7	Small	All	✓	✓	✓	✓			Pruning required	✓
<i>Lagerstroemia speciosa</i>	Pride of India	Deciduous	20 x 10	Large	All	✓	✓			✓		x	✓
<i>Magnolia champaca</i>	Champak	Evergreen	40 x 20	V Large	All	✓					✓	x	✓
<i>Magnolia grandiflora</i> 'Little Gem'	Magnolia	Evergreen	5 x 5	Small	All	✓	✓	✓				✓	✓
<i>Nyssa sylvatica</i> 'Tupelo'	Tupelo	Deciduous	8 x 7	Small	S	x		✓	✓			x	x
! <i>Platanus acerifolia</i>	London Plane	Deciduous	20 x 10	Large	All	x				✓	✓	x	x
<i>Platanus orientalis</i>	Cut Leaf Plane	Deciduous	25 x 15	Large	S, L, C	x				✓	✓	x	x
! <i>Pyrus calleryana</i>	Callery Pear	Deciduous	8 x 6	Small	All	✓	✓		✓			Pruning required	✓
<i>Pyrus calleryana</i> 'Capital'	Capital Pear	Deciduous	10 x 3	Small	All	✓	✓	✓				x	✓
<i>Pyrus nivalis</i>	Snow Pear	Deciduous	8 x 7	Small	All	x		✓	✓			Pruning required	✓
<i>Robinia pseudoacacia</i> 'Frisia'	Golden Robinia	Deciduous	10 x 6	Medium	All	x			✓	✓		Pruning required	✓
<i>Sapium sebiferum</i>	Chinese Tallow	Deciduous	7 x 5	Small	All	x	✓	✓	✓			Pruning required	x
! <i>Tipuana tipu</i>	Pride of Bolivia	Deciduous	15 x 10	Medium	All	x			✓	✓		x	✓
! <i>Quercus palustris</i>	Pink Oak	Deciduous	15 x 10	Large	All	x	✓			✓		x	x
<i>Zelkova serrata</i>	Green Vase	Evergreen	14 x 10	Medium	All	x			✓	✓		x	x

APPENDIX D – Soil type map

SOILS MAP

Growing local plants

Local plants are species that would naturally occur in your neighborhood and are therefore adapted to the local climate and soil.

There are a huge range of local WA plants that can be used to create many contemporary garden styles such as cottage, formal, Mediterranean and bushland. Be creative with local plants and use them in hanging baskets and containers, as hedges and as topiary!

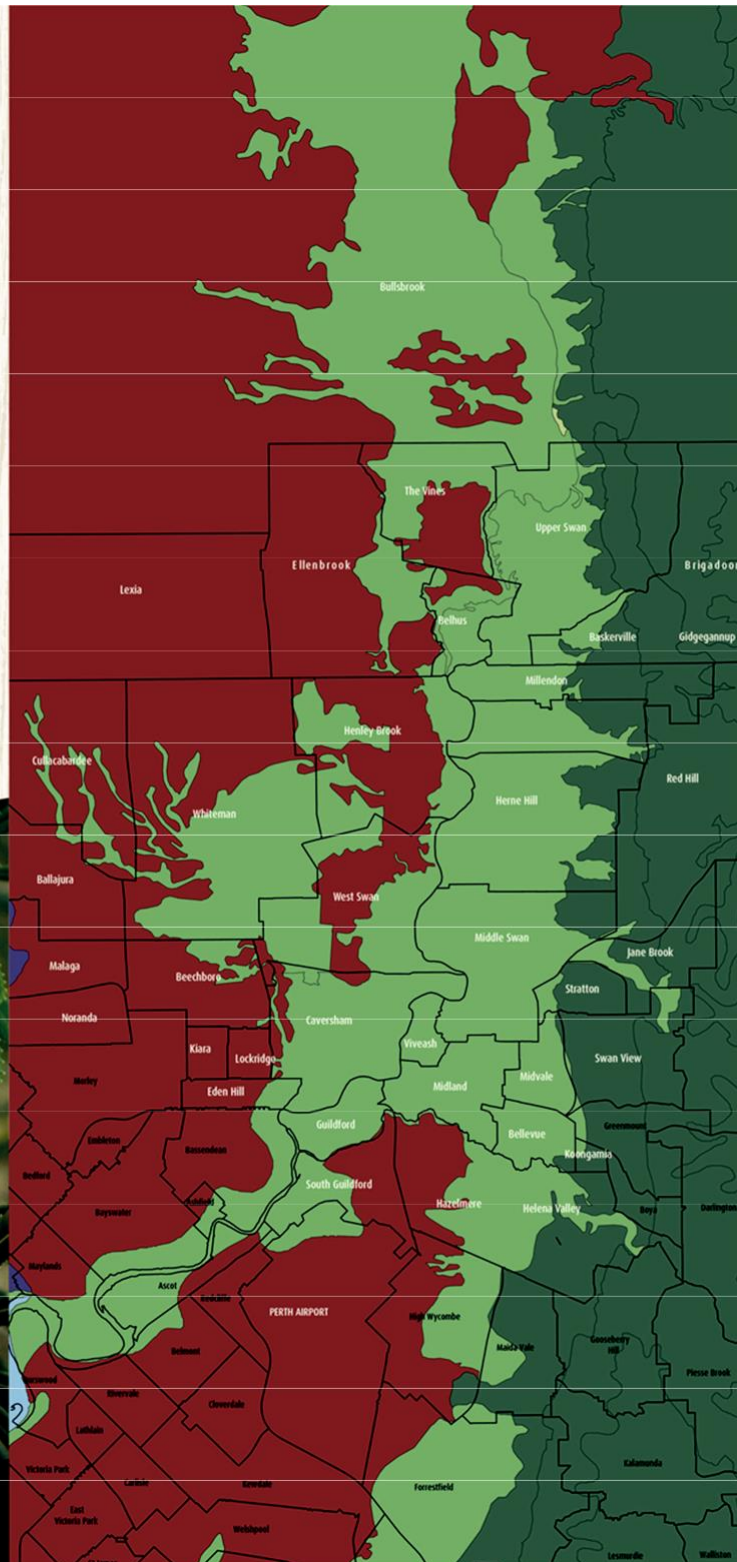
Use the map to identify the soil type in your area, then use the free visit your local nursery to choose the right plants for your soil type!

For more information, visit City of Swan website www.swan.wa.gov.au

CENTRAL COAST PLAIN SOILS

EASTERN COASTAL PLAIN SOILS

SCARP SOILS



Candle Banksia
Banksia attenuata
5 – 8m
September to October