









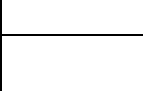


















SPECIES	SPECIES INFORMATION					PRIMARY ATTRIBUTES					SECONDARY ATTRIBUTES										ENVIRONMENTAL TOLERANCE							SITE CONSTRAINTS				OTHER CONSIDERATIONS			PLANTING ZONE					
	IMAGE	FAMILY	ORIGIN	ORIGIN	PREFERRED MICROCLIMATE	CLIMATIC ZONE	TYPICAL DIMENSIONS (URBAN AREAS)		DIMENSION CATEGORY	FORM	BRANCHING HABIT	NUISANCE	TYPE (Deciduous / Evergreen)	GROWTH RATE	WEED POTENTIAL	LONGEVITY	PEST & DISEASE SUSCEPTIBILITY	SUSCEPTIBILITY TO DEFECTS (STRUCTURAL ISSUES)	HABITAT VALUE	SEASONAL INTEREST	TIMING	WIND EXPOSURE	SALT ADEN WINDS	HEAT	COLD	DROUGHT	SOIL DRAINAGE CHARACTERISTICS	SOIL FERTILITY	SOIL TYPE	PRUNING FOR OVERHEAD POWERLINES	MINIMUM SUITABLE VERGE WIDTH	MINIMUM SOIL VOLUME	PAVEMENTS	MAINTENANCE REQUIREMENTS	AVAILABILITY	INFRASTRUCTURE DAMAGE POTENTIAL	EXPOSED RIDGE	SEMI-SHELTERED SLOPES	LOW LYING AREAS	
							Height	Spread																																
<i>Acmena smithii</i> (Lilly Pilly)		MYRTACEAE	Eastern Australia - southern Victoria to Queensland	N	Protected gullies, Littoral rainforest	Cool Temperate to Tropical	10 to 12 metres	10 to 12 metres	L	Rounded	Upright	Round fruits	E	S	Nil	Long (50-80 years)	Soft Brown Scale & Chinese Wax Scale	Nil	Flowers & Fruit birds bats & small mammals	White Flowers. Clusters of mauve fruits	May to September	Semi-tolerant	Semi-tolerant	Semi-tolerant	Tolerant to minus 3°C	Semi-tolerant	Moderate	Moderate	Clay Loams. Adaptable to sand	Not suitable for positions beneath powerlines	4 metres	30 to 40 m³	Semi-tolerant	Establishment Watering essential. Low branching - may require periodic crown lifting	Good	Moderate	N	Y	Y	
<i>Acronychia oblongifolia</i> (Beach acronychia)		RUTACEAE	Northern Victoria to Southern Queensland	N	Subtropical and dry rainforest - found along most scrubby watercourses	Temperate coastal regions and sub-tropical shorelines	Small tree to 14 metres																																	
<i>Alectryon coriaceus</i> (Beach Birds Eye)		SAPINDACEAE	Eastern Australia, NSW & Queensland	L	Coastal dunes, Littoral rainforest.	Temperate to Sub-tropical	8 to 10 metres	6 to 8 metres	M	Rounded to Broad Domed	Upright decurrent	Minimal leaf & fruit fall	E	M	Nil	Long (50-80 years)	Leaf Miner	Sometimes forms multiple trunks & occasional included bark	Native	Pannicles of red capsules with black seed	March to July	Tolerant	Tolerant	Tolerant	Frost sensitive	Tolerant	Well drained	Low	Sand	Semi-tolerant (ABC's)	4 metres	20 to 30 m³	Semi-tolerant	Formative pruning. Establishment Watering	Poor	Low	N	Y	N	
<i>Alloxylon flammeum</i> [syn. <i>Oreocallis wickhamii</i>] (Tree Waratah)		PROTEACEAE	Eastern Australia - northern NSW and Queensland	N	Warm coastal rainforest fringe	Temperate to Tropical	8 to 10 metres	6 to 8 metres	M	Elliptical	Upright	Minimal leaf & fruit fall	E	S	Low	Moderate (40-60 Years)	Nil	Nil	Flowers & Fruit birds bats & small mammals	Prolific red flowers	November to December	Sensitive	Sensitive	Semi-tolerant	Frost sensitive	Sensitive	Moderate	High	Clay Loam adaptable to loamy sand & sand	Not suitable for positions beneath powerlines	3 metres	20 to 30 m³	Not suitable for paved verges	Establishment Watering essential	Poor	Low	N	N	Y	
<i>Araucaria columnaris</i> (Cook's Pine)		ARAUCARIACEAE	New Caledonia	N	Exposed coastal areas	Temperate to Tropical	25 to 30 metres	6 to 8 metres	L	Columnar	Horizontal excurrent	Minimal leaf fall	E	M	Nil	Long (50-80 years)	Nil	May form multiple co-dominant trunks with included bark	Low	Form	All	Tolerant	Tolerant	Semi-tolerant	Tolerant to minus 2°C	Tolerant	Well drained	Low	Sand to Sandy Loam. Adaptable to Clay Loams	Not suitable for positions beneath powerlines	4 metres	50 to 60 m³	Semi-tolerant	Minimal	Good	Moderate	Y	Y	Y	
<i>Araucaria cunninghamii</i> (Hoop Pine)		ARAUCARIACEAE	Australia - NSW to Queensland	N	Coastal Rainforest & Montane Forest	Tropical to Sub-tropical	25 to 30 metres	12 to 14 metres	VL	Conical	Horizontal excurrent	Minimal leaf fall	E	M	Low	Very Long (80 years +)	Golden Mealy Bug	Nil	Low	Form	All	Tolerant	Semi-tolerant	Tolerant	Tolerant to minus 2°C	Semi-tolerant	Well drained	Moderate	Alluvial soils and Sandy Loam	Not suitable for positions beneath powerlines	8 metres	80 to 100 m³	Not suitable for paved verges	Minimal	Good	High	N	Y	Y	
<i>Araucaria heterophylla</i> (Norfolk Island Pine)		ARAUCARIACEAE	Norfolk Island	N	Exposed full sun coastal position	Warm temperate to sub-tropical	25 to 30 metres	12 to 16 metres	VL	Conical	Horizontal excurrent	Moderate leaf fall	E	F	Low	Very Long (80 years +)	Golden Mealy Bug	Nil	Low	Nil		Tolerant	Tolerant	Tolerant	Tolerant to minus 3°C	Tolerant	Well drained	Low	Sand. Adaptable to clay loam	Not suitable for positions beneath powerlines	8 metres	80 to 100 m³	Semi-tolerant	Minimal	Good	High	Y	Y	Y	
<i>Baccharis citriodora</i> (Lemon-scented Myrtle)		MYRTACEAE	Northern NSW & SE Queensland	N	Sheltered position.	Temperate to Sub-tropical	8 to 10 metres	6 to 8 metres	M	Conical to elliptical	Upright	Minimal leaf & fruit fall	E	S	Nil	Long (50-80 years)	Myrtle Rust?	Occasionally multi-trunked	Native to East Coast	Lemon-scented foliage. White flowers	November to February	Sensitive	Sensitive	Semi-tolerant	Frost sensitive	Sensitive	Well drained	Moderate	Clay loam to sandy loam	Not suitable for positions beneath powerlines	3 metres	20 to 30 m³	Not suitable for paved verges	Establishment Watering essential	Good	Low	N	N	Y	
<i>Baccharis myrtifolia</i> (Grey myrtle)		MYRTACEAE	Eastern Australia	N	dry and riparian rainforest, usually along watercourses	Sub-tropical rainforest, dry rainforest	20 to 30 metres																																	
<i>Banksia integrifolia</i> (Coast Banksia)		PROTEACEAE	East Coast of Australia. Southern Victoria to Frazer Island	N	Exposed coastal areas	Cool Temperate to Sub-tropical	8 to 12 metres	6 to 8 metres	M	Conical to elliptical	Upright	Cones are persistent	E	M	Nil	Moderate (40-60 Years)	Nil	Nil	Nectar birds bats mammals	Yellow flowers	January to June	Tolerant	Very Tolerant	Tolerant	Frost tolerant	Tolerant	Well drained	Low	Sand. Adaptable	Not suitable for positions beneath powerlines	3 metres	20 to 30 m³	Not suitable for paved verges	Minimal	Good	Low	Y	Y	N	
<i>Banksia serrata</i> (Old Man Banksia)		PROTEACEAE	East Coast of Australia. Victoria to Queensland	N	Sandy heathlands and sheltered inner dunes	Cool Temperate to Sub-tropical	6 to 8 metres	6 to 8 metres	S	Irregular rounded	Upright decurrent	Cones are persistent	E	M	Nil	Moderate (40-60 Years)	Nil	Occasionally multi-trunked. Sometimes with gnarled or crooked trunk	Nectar birds bats mammals	Yellow flowers	December to June	Tolerant	Semi-tolerant	Tolerant	Frost tolerant	Tolerant	Well drained	Low	Sand. Adaptable	Semi-tolerant (ABC's)	3 metres	10 to 15 m³	Not suitable for paved verges	Minimal	Good	Low	Y	Y	N	
<i>Bauhinia purpurea</i> var <i>alba</i> (Orchid Tree)		CAESALPINIACEAE	Eastern India, Burma and southern China	E	Warm sheltered areas	Warm temperate to Sub-tropical	8 to 10 metres	8 to 10 metres	M	Irregular rounded	Upright decurrent	Leaf and flower fall some slip hazard on paved surfaces	SD	F	Low	Long (50-80 years)	Nil	Occasionally multi-trunked. Sometimes with gnarled or crooked trunk	Low	White flowers	September to late November	Sensitive	Sensitive	Semi-tolerant	Tolerant to minus 2°C	Semi-tolerant	Well drained	High	Loam to clay loam, adaptable to alluvial soils	Semi-tolerant (ABC's)	4 metres	30 to 40 m³	Semi-tolerant	Regular pruning to encourage good form & habit	Poor	Moderate	N	N	Y	
<i>Bauhinia variegata</i> (Orchid Tree)		CAESALPINIACEAE	Southern China and Malaysia	E	Warm sheltered	Warm temperate to Sub-tropical	8 to 10 metres	8 to 10 metres	M	Rounded	Upright decurrent	Leaf and flower fall some slip hazard on paved surfaces	SD	F	Low	Long (50-80 years)	Nil	Occasionally multi-trunked. Sometimes with gnarled or crooked trunk	Low	Prolific pink flowers	September to late November	Sensitive	Sensitive	Semi-tolerant	Tolerant to minus 3°C	Semi-tolerant	Well drained	High	Loam	Semi-tolerant (ABC's)	3 metres	30 to 40 m³	Semi-tolerant	Regular pruning to encourage good form & habit	Poor	Moderate	N	N	Y	
<i>Brachychiton discolor</i> (Queensland Lacebark)		STERICULACEAE	Northern NSW to southern Queensland	N	Sheltered position	Warm temperate to Sub-tropical	14 to 16 metres	10 to 12 metres	L	Broad elliptical	Excurret	Moderate size seed pods	SD	M	Low	Very long (80 years +)	Nil	May develop co-dominant leaders	Nectar - bird attacking	Large rosy pink bell shaped flowers	November to March	Sensitive	Sensitive	Semi-tolerant	Tolerant to minus 3°C	?	Moderate	High	Deep clay loams & alluvial soils	Not suitable for positions beneath powerlines	4 metres	50 to 60 m³	Semi-tolerant	Establishment Watering essential. Formative pruning to ensure single leader	Fair	Moderate	N	N	Y	
<i>Brachychiton populneus</i> (Kurrajong)		STERICULACEAE	Eastern Australia, NSW & Queensland	N		Temperate to sub-tropical	12 to 14 metres	10 to 12 metres	M	Conical to elliptical	Excurret	Small size seed pods	E	M	Nil	Very long (80 years +)	Kurrajong Leaf Tier	Nil. Sometimes forms multiple trunks & occasional included bark	Low	Cream to pink bell shaped flowers			Semi-tolerant	?	Tolerant	Tolerant to minus 5°C	Tolerant	Well drained	Moderate	sand or sandy loam. Adaptable	Not suitable for positions beneath powerlines	4 metres	40 to 50 m³	Semi-tolerant	Establishment Watering essential. Formative pruning to ensure single leader	Fair	Moderate	N	Y	Y
<i>Callistemon viminalis</i> (The Weeping Bottlebrush)		MYRTACEAE	North-eastern New South Wales and eastern Queensland	N	Tablelands and coastal areas along watercourses	Temperate to Sub-tropical	8 to 10 metres	6 to 8 metres													August to March	Semi-tolerant	Tolerant	Tolerant	damaged by moderate to heavy frost	Tolerant	tolerate less than perfect drainage	Moderate to High	medium to heavy soils											
<i>Castanospermum australe</i> (Blackbean)		PAPILIONACEAE	Eastern Australia, North coast of NSW & Queensland	N	Protected areas along watercourses	Tropical to Sub-tropical	12 to 14 metres	10 to 12 metres	L	Broad elliptical	Upright	Large & heavy seed pods	E	M	Low	Long (50-80 years)	Nil	Sometimes forms multiple trunks & occasional included bark	Moderate	Orange scarlet flowers	November to January	Sheltered position preferred	Sensitive	Moderate	Tolerant to minus 3°C	Sensitive	Moderate	High	Clay loam. Adaptable to alluvial and sandy loam	Not suitable for positions beneath powerlines	5 metres	40 to 60 m³	Not suitable for paved verges	Establishment Watering essential. Formative pruning to ensure single leader	Fair	Moderate	N	N	Y	
<i>Casuarina littoralis</i>		CASUARINACEAE	Eastern Australia, North coast of NSW & Queensland	N	Coastal		6 to 8 metres	2 to 4 meters																																
<i>Ceratopetalum apetalum</i> (Coachwood)		CUNONIACEAE	Eastern Australia, NSW to Queensland	N	Tablelands and coastal areas in protected areas along watercourses	Temperate to Sub-tropical	10 to 12 metres	8 to 10 metres	M	Broad elliptical	Upright	Minimal leaf & fruit fall	E	S	Low	Very Long (80 years +)	Nil	Nil	Moderate	White flowers with red Calyx	November to January	Sheltered position preferred	Sensitive	Sensitive	Frost sensitive	Sensitive	Moderate	Moderate	Sandy loam, adaptable to alluvial soils & clays	Not suitable for positions beneath powerlines	4 metres	30 to 40 m³	Not suitable for paved verges	Establishment Watering essential. Formative pruning to ensure single leader	Poor	Low	N	N	Y	
<i>Ceratopetalum gummiferum</i> (NSW Christmas Bush)		CUNONIACEAE	Eastern Australia, NSW to Queensland	N	Coastal gullies & sheltered slopes in open forest, usually along watercourses	Temperate to Sub-tropical	6 to 8 metres	4 to 6 metres	S	Elliptical	Upright	Minimal leaf & fruit fall	E	M	Low	Moderate (40-60 Years)	Nil	Nil	Moderate	White flowers with red Calyx	October to January	Sheltered position preferred	Semi-tolerant	Semi-tolerant	Tolerant to minus 3°C	Tolerant	Well drained	Low to Moderate	Moderate sandy loams. Not suitable for heavy clays	Semi-tolerant (ABC's)	3 metres	10 to 15 m³	Semi-tolerant	Establishment Watering	Fair	Low	N	Y	N	

SPECIES	IMAGE	SPECIES INFORMATION				PRIMARY ATTRIBUTES						SECONDARY ATTRIBUTES										ENVIRONMENTAL TOLERANCE							SITE CONSTRAINTS				OTHER CONSIDERATIONS			PLANTING ZONE					
		FAMILY	ORIGIN	ORIGIN	PREFERRED MICROCLIMATE	CLIMATIC ZONE	TYPICAL DIMENSIONS (URBAN AREAS)		DIMENSION CATEGORY	FORM	BRANCHING HABIT	NUISANCE	TYPE (Deciduous / Evergreen)	GROWTH RATE	WEED POTENTIAL	LONGEVITY	PEST & DISEASE SUSCEPTIBILITY	SUSCEPTIBILITY TO DEFECTS (STRUCTURAL ISSUES)	HABITAT VALUE	SEASONAL INTEREST	TIMING	WIND EXPOSURE	SALT LADEN WINDS	HEAT	COLD	DROUGHT	SOIL DRAINAGE CHARACTERISTICS	SOIL FERTILITY	SOIL TYPE	PRUNING FOR OVERHEAD POWERLINES	MINIMUM SUITABLE VERGE WIDTH	MINIMUM SOIL VOLUME	PAVEMENTS	MAINTENANCE REQUIREMENTS	AVAILABILITY	INFRASTRUCTURE DAMAGE POTENTIAL	EXPOSED RIDGE	SEMI-SHELTERED SLOPES	LOW LYING AREAS		
							Height	Spread																																	
<i>Magnolia grandiflora</i> (Bullbay Magnolia)		MAGNOLIACEAE	North America Southern States to Gulf of Mexico	E		Temperate	12 to 14 metres	12 to 14 metres	L	Rounded	Upright decurrent	Minimal leaf & fruit fall	E	S	Low	Long (50-80 years)	Nil	Nil	Low	Large white flowers	November to February	Semi-tolerant	Semi-tolerant	Semi-tolerant	Tolerant to minus 5°C	Sensitive	Moderate	Moderate to High	Clay loam to sandy loam	Not suitable for positions beneath powerlines	5 metres	60 to 70 m³	Not suitable for paved verges	Moderate watering during establishment	Good	Moderate	N	Y	Y		
<i>Melaleuca decora</i> (White Feather Honey Myrtle)		MYRTACEAE	NSW South Coast to Queensland	N		Temperate	6 to 8 metres	6 to 8 metres	S	Rounded	Upright decurrent	Minimal leaf & fruit fall	E	S	Low	Long (50-80 years)	Nil	Nil. Sometimes forms multiple trunks & occasional included bark	Dense Foliage. Nectar - birds & bats	White flowers	November to January	Semi-tolerant	?	Tolerant	Frost tolerant	Tolerant	Tolerates poor drainage	Low	Heavy clays subject to periodic inundation	Semi-tolerant (ABC's)	3 metres	10 to 15 m³	Semi-tolerant	Formative pruning. Establishment Watering	Poor	Moderate	N	N	Y		
<i>Melaleuca quinquenervia</i> (Broad-leaved Paperbark)		MYRTACEAE	Eastern Australia Cape York to Shoalhaven	N	Coastal areas subject to inundation	Temperate to Tropical	12 to 14 metres	12 to 14 metres	L	Rounded to Broad domed	Upright decurrent	Minimal leaf & fruit fall	E	M	Low	Long (50-80 years)	Nil	Often forms multiple trunks & occasional included bark	Dense Foliage. Nectar - birds & bats	White flowers	May to August	Tolerant	Tolerant	Semi-tolerant	Frost tolerant	Sensitive	Tolerates poor drainage	Low	Sand & Sandy Loam. Adaptable to Clay loam	Semi-tolerant (ABC's)	5 metres	60 to 70 m³	Tolerant	Formative pruning. Establishment Watering	Good	High	N	Y	Y		
<i>Melaleuca styphalioides</i> (Prickly Paperbark)		MYRTACEAE	NSW	N		Temperate to Sub-tropical	8 to 12 metres	8 to 10 metres	M	Rounded	Upright decurrent	Minimal leaf & fruit fall	E	M	Low	Long (50-80 years)	Nil	Often forms multiple trunks & occasional included bark	Dense Foliage. Nectar - birds & bats	White flowers	November to December	Tolerant	Semi-tolerant	Semi-tolerant	Tolerant to minus 3°C	Semi-tolerant	Moderate	Low	Sand & Sandy Loam. Adaptable to Clay loam	Semi-tolerant (ABC's)	4 metres	50 to 60 m³	Semi-tolerant	Formative pruning. Establishment Watering	Good	Moderate	N	Y	Y		
<i>Metrosideros excelsa</i> (Pohutukawa)		MYRTACEAE	New Zealand	E	Coastal areas	Temperate to Sub-tropical	8 to 10 metres	6 to 8 metres	M	Rounded	Upright decurrent	Minimal leaf & fruit fall	E	M	Low	Moderate (40-60 Years)	Borer in drought conditions	Often forms multiple trunks & occasional included bark	Attracts nectar Feeding Birds	Crimson flowers	November to January	Tolerant	Tolerant	Tolerant	Tolerant to minus 3°C	Sensitive	Moderate	Low	Sand & Sandy Loam.	Semi-tolerant (ABC's)	3 metres	20 to 30 m³	Semi-tolerant	Formative pruning. Establishment Watering	Good	Moderate	Y	Y	Y		
<i>Notelaea longifolia</i> (Mock Olive)		OLEACEAE	East coast of Australia	N	Fringes of all types of rainforest	Sub-tropical rainforest, dry rainforest	Small tree to 10m												Native birds insects		April-October																				
<i>Omalanthus nutans</i> (Bleeding Heart)		EUPHORBIACEAE	Southern NSW to NE Qld	N	Coastal forests. Sheltered areas along watercourses	Sub-tropical rainforest, dry rainforest	Small tree 6 to 8 metres												Native birds insects		September to March																				
<i>Pandanus pedunculatus</i> (Coastal Screw Pine)		PANDANACEAE	Eastern Australia - NSW and Queensland	N	Coastal dunes and headlands	Sub-tropical to Tropical	4 to 6 metres	4 to 6 metres	S	Rounded	Upright	Develop multiple prop roots	E	M	Low	Moderate (40-60 Years)	Nil	Nil	Native	Nil	N/A	Tolerant	Tolerant	Tolerant	Frost sensitive	Tolerant	Well drained	Low	Sand	Not suitable for positions beneath powerlines	2 metres	10 to 15 m³	Not suitable for paved verges	Low	Fair	Low	Y	N	N		
<i>Persoonia Stradbrokeensis</i> (Gaebung)		PROTEACEAE	East Coast Australia NSW to Queensland	N	Open forests		4 to 6 metres	2 to 4 metres																																	
<i>Podocarpus elatus</i> (Brown Pine)		PODOCARPACEAE	Eastern Australia - NSW and Queensland	N	Rainforest and rainforest margins, often along water courses	Temperate to Sub-tropical	12 to 14 metres	10 to 12 metres	M	Elliptical to rounded	Upright	Small fleshy fruits (2.5 cm diameter)	E	M	Nil	Long (50-80 years)	Nil	Often forms multiple co-dominant leaders & occasional included bark	Native	Nil	N/A	Semi-tolerant	Tolerant	Semi-tolerant	Tolerant to minus 7°C	Sensitive	Well drained	Moderate to High	Sandy Loam adaptable to Clay Loam	Not suitable for positions beneath powerlines	4 metres	40 to 50 m³	Semi-tolerant	Formative pruning. Establishment Watering	Fair	Moderate	N	Y	Y		