LANDSCAPE GUIDELINES

CASUARINA BEACH – 7(f) ZONE

Introduction

The purpose of this landscape design guideline is to assist you and Tweed Shire Council in ensuring a unique sense of place is developed at Casuarina Beach. This guideline promotes the principles of sustainability on your property while creating a comfortable, livable environment. It promotes the use of a diversity of native plants that will reduce water consumption and encourage wildlife opportunities. Careful arrangement of the plants will create shade where needed and encourage cooling breezes. Management of the types of materials used in your garden and maintenance of these areas is necessary to ensure that it is not compromising these principles of sustainability.

This guideline is organised into the following sections:

How to Use this Guideline
Design Guidelines and Illustrations
Plant Species List
Plant Reference Guide

How to Use this Guideline

The following is a step-by-step procedure to assist you in understanding the requirements of this guideline.

Step 1: Determine how you intend to use your garden.

Do you want areas with shade cover?

Do you want to attract birdlife?

Do you want to or have the time to maintain a garden?

Step 2: Refer to the relevant areas of the guideline to understand the requirements of each section.

Step 3: Have drawings prepared illustrating your garden for submission to Tweed Shire Council in conjunction with your development application for your dwelling house. If there are any queries on the guidelines, contact Tweed Shire Council.

Step 4: Submit your drawings to Tweed Shire Council for approval as part of your development application for your dwelling house.

Guidelines and Illustrations

The following guidelines are to be read in conjunction with the diagrammatic plans on pages 5, 6 and 7.

Filling

No filling, with the exception of top dressing to a maximum depth of 20mm, is to be imported into the 7(f) zone.

Maintenance Paths

Description:

A 600mm wide internal access path for the sole purpose of maintaining the landscaped area may be provided.

Acceptable Materials:

The path shall be constructed from washed rock mulch, pea gravel, 15-20mm gravel screenings, gravel pave or no fines bark mulch (minimum particle size 25mm). Bark mulches shall be free of organic fines, leachates or tannins. No underlay of geo-textile or plastic sheeting is permitted.

Coverage:

The maximum allowable area for maintenance paths shall be 15% of the 7(f) zone. Maintenance paths shall not be constructed closer than 1.5m from a side boundary and 3.0m from the eastern boundary.

Turf Area

Description:

A grassed area suited for passive recreational use by the homeowner or active children play area. This area may be level to gently sloping, not exceeding a 1:4 fall.

Acceptable Materials:

Hybridised, non-seeding varieties of Couch grass such as Wintergreen or Greenlees Park shall be used. Stolonising or sodding are acceptable methods of installation. Grass seeding is not acceptable.

Coverage:

The maximum allowable area for the turf area shall be 25% of the 7(f) zone.

Alternative to Grasses:

When a turf area is not desired or required for active use as described above, a mixture of the following species of native plants may be used as an alternative to grass:

Dianella caerula Isolepsis hookeriana Lomandra hystrix Lomandra longifolia Myoporum ellipticum Spinifex sericea

Planting Area

Description:

All remaining areas that are not covered by the above descriptions for entertainment and turf areas and maintenance paths shall be referred to as planting areas. These areas shall consist of a mixture of trees, shrubs and groundcovers at the densities listed below.

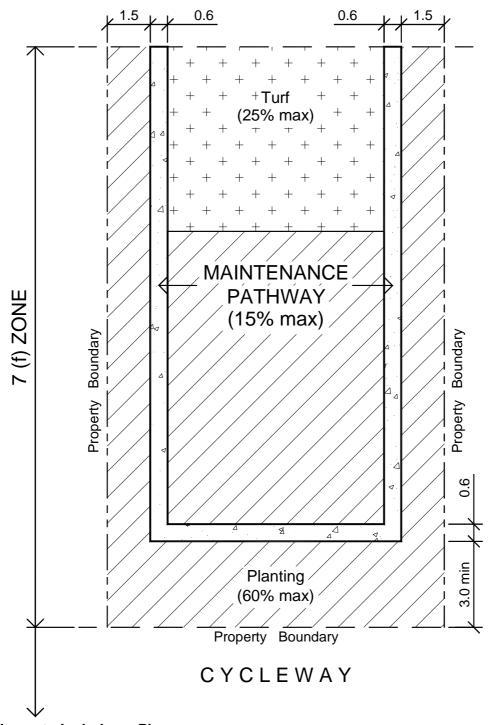
Acceptable Materials:

All species shall be selected from the Casuarina Beach Species List (Refer to Casuarina Beach Plant Reference Guide).

Coverage:

The minimum acceptable area for this type of treatment is 60% of the 7(f) zone.

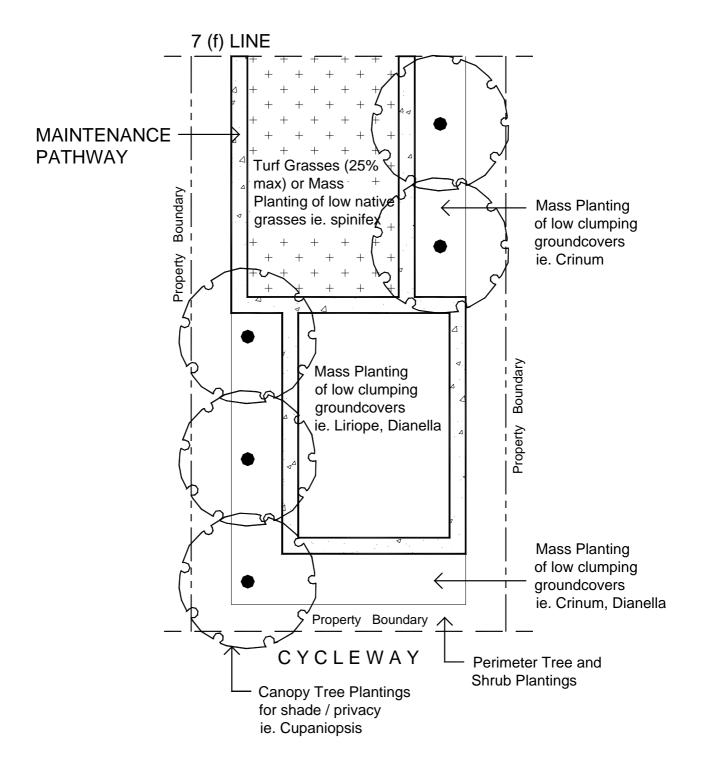
Illustrative Diagram



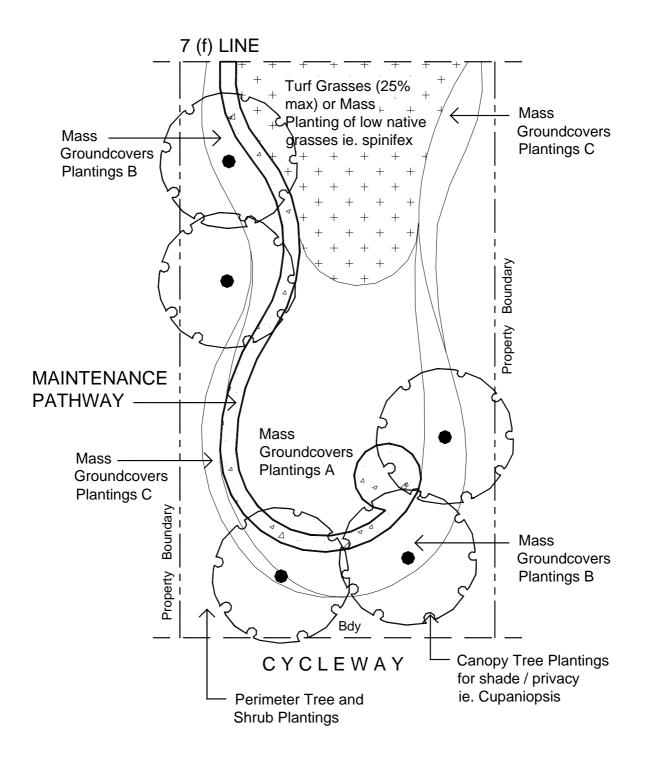
Items to Include on Plan:

- North Arrow, Block location and scale of drawing
- Owners Name and Address, Name and address of persons drawing the plan.
- Landscape Species to be planted, plant spacing, plant numbers and size of plants to be planted.
- Distance from Property Boundary to Large tree plantings and maintenance paths (max. 2 references per boundary length)

Illustrative Spatial Concept



Illustrative Spatial Concept



Recommended Plant Spacings

Tree species:	
Alectryon coriaceus	Plant at 2m centres
Allocasuarina littoralis	Plant at 2m centres
Banksia aemula	Plant at 2m centres
Banksia integrifolia	Plant at 2m centres
Casuarina equisetifolia	Plant at 3m centres
Cryptocaria triplinervis	Plant at 5m centres
Cupaniopsis anacardioides	Plant at 5m centres
Elaeocarpus obovatus	Plant at 3m centres
Endiandra sieberi	Plant at 3m centres
Ficus macrophylla	Plant at 10m centres
Ficus platypoda	Plant at 5m centres
Ficus rubiginosa	Plant at 5m centres
Macaranga tanarius	Plant at 4m centres
Melaleuca quinquinervia	Plant at 3m centres
Pandanus tectorius	Plant at 3m centres
Syzygium oleosum	Plant at 3m centres
Shrub species:	
Callistemon nachyphyllus (Red Form)	Plant at 1.5m centres
Callistemon pachyphyllus (Red Form)	Plant at 1.5m centres
Callistemon pachyphyllus (Red Form) Callistemon salignus	Plant at 1.5m centres Plant at 1.5m centres
Callistemon salignus	
	Plant at 1.5m centres
Callistemon salignus	Plant at 1.5m centres Plant at 1m centres
Callistemon salignus Clumping and Groundcover species: Austromyrtus dulcis Carpobrotus glauscens	Plant at 1.5m centres
Callistemon salignus Clumping and Groundcover species: Austromyrtus dulcis Carpobrotus glauscens Crinum pedunculatum	Plant at 1.5m centres Plant at 1m centres
Callistemon salignus Clumping and Groundcover species: Austromyrtus dulcis Carpobrotus glauscens Crinum pedunculatum Dianella caerula	Plant at 1.5m centres Plant at 1m centres Plant at 1m centres Plant at 750mm centres Plant at 500mm centres
Callistemon salignus Clumping and Groundcover species: Austromyrtus dulcis Carpobrotus glauscens Crinum pedunculatum Dianella caerula Dianella congesta	Plant at 1.5m centres Plant at 1m centres Plant at 1m centres Plant at 750mm centres Plant at 500mm centres Plant at 500mm centres
Callistemon salignus Clumping and Groundcover species: Austromyrtus dulcis Carpobrotus glauscens Crinum pedunculatum Dianella caerula Dianella congesta Hibbertia scandens	Plant at 1.5m centres Plant at 1m centres Plant at 1m centres Plant at 750mm centres Plant at 500mm centres Plant at 500mm centres Plant at 600mm centres
Clumping and Groundcover species: Austromyrtus dulcis Carpobrotus glauscens Crinum pedunculatum Dianella caerula Dianella congesta Hibbertia scandens Ilsolepsis hookeriana	Plant at 1.5m centres Plant at 1m centres Plant at 1m centres Plant at 750mm centres Plant at 500mm centres Plant at 500mm centres Plant at 600mm centres Plant at 400mm centres
Callistemon salignus Clumping and Groundcover species: Austromyrtus dulcis Carpobrotus glauscens Crinum pedunculatum Dianella caerula Dianella congesta Hibbertia scandens	Plant at 1.5m centres Plant at 1m centres Plant at 1m centres Plant at 750mm centres Plant at 500mm centres Plant at 500mm centres Plant at 600mm centres
Callistemon salignus Clumping and Groundcover species: Austromyrtus dulcis Carpobrotus glauscens Crinum pedunculatum Dianella caerula Dianella congesta Hibbertia scandens Ilsolepsis hookeriana	Plant at 1.5m centres Plant at 1m centres Plant at 1m centres Plant at 750mm centres Plant at 500mm centres Plant at 500mm centres Plant at 600mm centres Plant at 400mm centres

General Notes: Ficus species are not to be planted within 5m of a property

boundary. All other tree species are to be a minimum of 1.5m from

Plant at 1m centres

Plant at 400mm centres

property boundaries and services.

Myoporum ellipticum

Spinifex sericeus

LANDSCAPE GUIDELINES CASUARINA BEACH – 7(f) ZONE TWEED SHIRE COUNCIL

Species prohibited from planting

<u>Trees</u>

Botanical Name	Common Name
_	
Acacia saligna	Golden Wreath Wattle
Araucaria heterophylla	Norfolk Island Pine
Cinnamomom camphora	Camphor Laurel
Erythrina x sykesii	Coral Tree
Ficus elastica	Rubber Tree
Ficus hillii	Small Fruited Fig
Meleleuca leucadendron	Weeping Paperbark
Schefflera actinophylla	Umbrella Tree
Spathodea campnulata	African Tulip Tree
Shrubs	
Botanical Name	Common Name
Acacia podalyrifolia	Queensland Silver Wattle
Baccharis halmimifolia	Groundsel Bush
Grevillea banksii	Red Flowering Silky Oak
Lantana camara	Lantana
Leptospermum laevigatum	Coast Teatree
Ochna serrulata	Ochna
Senna floribunda	Smooth Senna
Senna pendula	Winter Senna
Solanum mauritianum	Wild Tobacco Bush
<u>Grass</u>	
Botanical Name	Common Name
Androno an virginio de	Mhighay Cross
Andropogon virginicus	Whiskey Grass
Axonopus affinis	Narrow Leaved Carpet Grass
Axonopus compressus Cenchrus echinatus	Broad Leaved Carpet Grass Mossman River Grass
	Rhodes Grass
Chloris gayana	
Digitaria ciliaris	A Summer Grass
Digitaria violascens	Crownfoot Croos
Eleusine indica	Crowsfoot Grass
Eragrostis tenufolia	Elastic Grass
Melinis minutifolia	Molasses Gras
Melinis repens	Red Natal Grass

LANDSCAPE GUIDELINES CASUARINA BEACH – 7(f) ZONE

TWEED SHIRE COUNCIL

Grass (continued)

Botanical Name Panicum maximum Paspalum notatum Paspalum urvillei Paspalum wettstenii Pennisetum purpureum Pelephant Grass South African Pigeon Grass Sporobolus indicus var. capensis Paramatta Grass Stenotaphrum secundatum Urochloa decumbens Botanical Name Common Name Common Name Common Name Ageratina adenophora Ageratina riparium Ageratum housonianum Ageratum housonianum Amaranthus viridis Ambrosia artemisifolia Bidens pilosa Bryophyllum delagoense Bryophyllum delagoense Bryophyllum delagoense Bryophylum delagoense Bryophylum delagoense Chamaesyce supina Cakile edentula Chamaesyce supina Chrysanthemoides monilifera subsp. rotundata Conyza albida Conyza albida Conyza parva A Fleabane Coeopsis lanceolata Corropus didymus Crassocephalum crepidioides Crotalaria incana Crotalaria lanceolata Euphorbia cyathphora Gloriosa superba Gloriosa Grasser A Pennywort Catsear L'atsearie Materia		
Paspalum notatum Paspalum urvillei Paspalum wrvillei Paspalum wrvillei Paspalum wettstenii Pennisetum purpureum Elephant Grass Seteria sphacelata South African Pigeon Grass Stenotaphrum secundatum Urochloa decumbens Botanical Name Common Name Common Name Ageratina adenophora Ageratuna nousonianum Ageratun housonianum Ambrosia artemisifolia Bidens pilosa Bryophyllum delagoense Brypophylum pinnatum Cakile dedntula Chamaesyce supina Chrysanthemoides monilifera subsp. rotundata Conyza albida Conyza parva Crosa albida Crotalaria incana Croston Weed Mother of Millions Bitou Bush A Fleabane Conyza parva A Fleabane Conopus didymus Crassocephalum crepidioides Crotalaria incana Control Weed Vased Vased Vased Vased Vased Vased Vased Cakile edentula American Sea Rocket Chamaesyce supina Conopus didymus Cassocephalum crepidioides Crotalaria incana Volly Rattlepod Crotalaria incana Control Wold Vased Conopus Vased Conopus Vased Conopus Vased Conopus Valtepod Corotalaria Incana Conopus Quotynora Conopus Gloriosa Comphocarpus fruticosus Hydrocotyle bonariensis A Pennywort Hydrocotyle bonariensis Hypochaeris radicata Catsear	Botanical Name	Common Name
Paspalum notatum Paspalum urvillei Paspalum wrvillei Paspalum wrvillei Paspalum wettstenii Pennisetum purpureum Elephant Grass Seteria sphacelata South African Pigeon Grass Stenotaphrum secundatum Urochloa decumbens Botanical Name Common Name Common Name Ageratina adenophora Ageratuna nousonianum Ageratun housonianum Ambrosia artemisifolia Bidens pilosa Bryophyllum delagoense Brypophylum pinnatum Cakile dedntula Chamaesyce supina Chrysanthemoides monilifera subsp. rotundata Conyza albida Conyza parva Crosa albida Crotalaria incana Croston Weed Mother of Millions Bitou Bush A Fleabane Conyza parva A Fleabane Conopus didymus Crassocephalum crepidioides Crotalaria incana Control Weed Vased Vased Vased Vased Vased Vased Vased Cakile edentula American Sea Rocket Chamaesyce supina Conopus didymus Cassocephalum crepidioides Crotalaria incana Volly Rattlepod Crotalaria incana Control Wold Vased Conopus Vased Conopus Vased Conopus Vased Conopus Valtepod Corotalaria Incana Conopus Quotynora Conopus Gloriosa Comphocarpus fruticosus Hydrocotyle bonariensis A Pennywort Hydrocotyle bonariensis Hypochaeris radicata Catsear	D	0 : 0
Paspalum urvillei Paspalum wettstenii Broad Leaved Paspalum Pennisetum purpureum Elephant Grass Seteria sphacelata South African Pigeon Grass Sporobolus indicus var. capensis Bufalo Grass Stenotaphrum secundatum Urochloa decumbens Bufalo Grass Bufalo Grass Bufalo Grass Herb/Forb Botanical Name Common Name Ageratina adenophora Ageratina riparium Ageratum housonianum Ageratum housonianum Blue Billygoat Weed Amaranthus viridis Green Amaranth Ambrosia artemisifolia Bidens pilosa Bryophyllum delagoense Bryophyllum delagoense Bryophyllum mpinnatum Cakile edentula Chamaesyce nutans Chamaesyce supina Chrysanthemoides monilifera subsp. rotundata Bitou Bush Conyza albida Conyza parva A Fleabane Conyza parva A Fleabane Conyza parva Coeopsis lanceolata Corropus didymus Crostalaria incana Crotalaria incana Crotalaria incana Crotalaria lanceolata Euphorbia cyathphora Gloriosa superba Gloriosa superba Gloriosa superba Helianthus tuberosus Hypochaeris radicata Helanthus tuberosus Hypochaeris radicata Helpond Helianthus tuberosus Hypochaeris radicata Catsear		
Paspalum wettstenii Broad Leaved Paspalum Pennisetum purpureum Elephant Grass Seteria sphacelata South African Pigeon Grass Sporobolus indicus var. capensis Paramatta Grass Stenotaphrum secundatum Bufalo Grass Invochloa decumbens Signal Grass Herb/Forb Botanical Name Common Name Ageratina adenophora Crofton Weed Ageratina riparium Mistflower Ageratum housonianum Blue Billygoat Weed Amaranthus viridis Green Amaranth Ambrosia artemisifolia Annual Ragweed Bidens pilosa Farmer's Friends Bryophyllum delagoense Mother of Millions Bryophyllum pinnatum Ressurection Plant Cakile edentula American Sea Rocket Chamaesyce nutans Chamaesyce supina Red Caustic Weed Chrysanthemoides monilifera subsp. rotundata Bitou Bush Conyza albida A Fleabane Conyza parva A Fleabane Conyza parva A Fleabane Coeopsis lanceolata Coreopsis Crassocephalum crepidioides Thickhead Crotalaria incana Wolly Rattlepod Euphorbia cyathphora Gloriosa Gomphocarpus fruticosus Helianthus tuberosus Jerusalem Artichoke Hydrocotyle bonariensis A Pennywort Hypochaeris radicata Catsear	•	
Pennisetum purpureum Seteria sphacelata South African Pigeon Grass Sporobolus indicus var. capensis Stenotaphrum secundatum Urochloa decumbens Bufalo Grass Urochloa decumbens Botanical Name Common Name Ageratina adenophora Ageratina riparium Ageratum housonianum Ageratum housonianum Ambrosia artemisifolia Bidens pilosa Bryophyllum delagoense Bryophyllum pinnatum Cakile edentula Chamaesyce nutans Chamaesyce supina Chrysanthemoides monilifera subsp. rotundata Conyza albida Conyza albida Conyza parva Crassocephalum crepidioides Crotalaria incana Crotalaria lanceolata Euphorbus Lesser Gomphocarpus fruticosus Helianthus tuberosus Hydrocotyle bonariensis Hydrochaeris radicata Elephant Grass South African Pigeon Grass South African Pigeon Grass South African Pigeon Grass South African Pigeon Grass Suffalo Aramata Grass Suffalo Grass Signal Grass Urochloa Weed Crofton Weed Amaranth Mistflower Alistflower Amaranth Annual Ragweed Bilu Billyopat Weed Annual Ragweed Bilu Billyopat Weed American Sea Rocket Chamaesyce nutans Caustic Weed Caustic Weed Caustic Weed Caustic Weed Caustic Weed Caustic Weed Caustic Fleabane Corocopsis Flaxleaf Fleabane Corocopsis Coreopsis Cornopus didymus Lesser Swinegrass Crassocephalum crepidioides Thickhead Crotalaria incana Crotalaria lanceolata A Rattlepod Euphorbia cyathphora Gloriosa Gomphocarpus fruticosus Helianthus tuberosus Jerusalem Artichoke Hydrocotyle bonariensis A Pennywort Hypochaeris radicata	•	•
Seteria sphacelata Sporobolus indicus var. capensis Stenotaphrum secundatum Urochloa decumbens Signal Grass Herb/Forb Botanical Name Common Name Ageratina adenophora Ageratina riparium Ageratum housonianum Ageratum sifolia Bryophyllum delagoense Bryophyllum pinnatum Cakile edentula Chamaesyce nutans Chamaesyce supina Chrysanthemoides monilifera subsp. rotundata Conyza bonariensis Cornopus didymus Corabaria ricana Coropasa Gomphocarpus fruticosus Crassocephalum crepidioides Corophyola pinicasus Corophylum crepidioides Corophyola glaria incana Crotalaria lanceolata Comphyonta pinicasus Comphyola glaria incana Crotalaria lanceolus Comphyola glaria Catsear Catsear Catsear Catsear Catsear Catsear	·	·
Sporobolus indicus var. capensis Stenotaphrum secundatum Urochloa decumbens Signal Grass Signal Grass Signal Grass Signal Grass Signal Grass Herb/Forb Botanical Name Common Name Ageratina adenophora Ageratina riparium Ageratum housonianum Ageratum housonianum Ambrosia artemisifolia Bryophyllum delagoense Bryophyllum pinnatum Cakile edentula Chamaesyce nutans Chamaesyce supina Chrysanthemoides monilifera subsp. rotundata Conyza albida Conyza parva Coeopsis lanceolata Corotalaria incana Crotalaria lanceolata Euphorbia cyathphora Gloriosa Gomphocarpus fruticosus Hydrocrotyle bonariensis A Pennywort Hypochaeris radicata Conspus didymus Lesser Glaria incana Genmyhort Hypochaeris radicata Catsear		•
Stenotaphrum secundatum Urochloa decumbens Botanical Name Common Name Ageratina adenophora Ageratina riparium Ageratum housonianum Amaranthus viridis Bidens pilosa Bryophyllum delagoense Bryophyllum pinnatum Cakile edentula Chamaesyce nutans Chamaesyce supina Chrysanthemoides monilifera subsp. rotundata Conyza albida Conyza parva Coeopsis lanceolata Corotalaria incana Crofton Weed Mistflower Alles ded Mistflower Annual Ragweed Bidens pilosa Farmer's Friends Bryophyllum delagoense Mother of Millions Ressurection Plant American Sea Rocket Chamaesyce nutans Chamaesyce supina Chapter ded Caustic Weed Chrysanthemoides monilifera Subsp. rotundata Bitou Bush A Fleabane Conyza albida A Fleabane Coroyza parva A Fleabane Coroepsis lanceolata Coreopsis Corasocephalum crepidioides Thickhead Crotalaria incana Wolly Rattlepod Crotalaria lanceolata Euphorbia cyathphora Gloriosa Gomphocarpus fruticosus Helianthus tuberosus Helianthus tuberosus Hydrocotyle bonariensis A Pennywort Hypochaeris radicata Catsear	•	3
Urochloa decumbens Herb/Forb Botanical Name Common Name Ageratina adenophora Ageratina riparium Ageratum housonianum Ageratum housonianum Ambrosia artemisifolia Bidens pilosa Bryophyllum delagoense Bryophyllum pinnatum Cakile edentula Chamaesyce nutans Chamaesyce supina Chamaesyce supina Conyza albida Conyza albida Conyza parva Coeopsis lanceolata Cornopus didymus Crostalaria lanceolata Crotalaria lanceolata Euphorbia cyathphora Gomphocarpus fruitosus Hydrocotyle bonariensis A Pennywort Hydrocotyle bonariensis A Pennywort Hydrocotyle bonariensis Casear Consya alcida A Pennywort A Pennywort Hydrocotyle bonariensis A Pennywort Hydrocotyle bonariensis A Pennywort Coets Common Name Common Name Corfotan Name Corfotan Weed Amaranth Ametistlower Annual Ragweed Annual Ragweed Billugative Med Annual Ragweed Bilugative Med Annual Ragwed Bilugative Med Annual Ragwed Bilugative Med Annual Ragwed Bilugative Med Annual Ragweed Bilugative Med Annual Ragwed Bilugative Med Annual Ragwed Bilugative Med Annual Ragwed Bilugative Med A		
Botanical Name Common Name Ageratina adenophora Ageratina riparium Ageratum housonianum Ageratum housonianum Amaranthus viridis Ambrosia artemisifolia Bidens pilosa Bryophyllum delagoense Brypophyllum pinnatum Cakile edentula Chamaesyce nutans Chamaesyce supina Chamaesyce supina Chaysanthemoides monilifera subsp. rotundata Conyza albida Conyza parva Coeopsis lanceolata Corropus didymus Crassocephalum crepidioides Crotalaria incana Crotalaria lanceolata Cloriosa superba Gomphocarpus fruticosus Hydrocotyle bonariensis Cafeen Amaranth Amist flowed Annual Ragweed Billey Billey Billey Billey Billey Billey Annual Ragweed Billey Billey Billey Billey Annual Ragweed Annual Ragweed Billey Billey Billey Billey Billey Billey Billey Billey Billey American Sea Rocket Chamaesyce vupina Red Caustic Weed Bitou Bush A Fleabane Conyza albida A Fleabane Coeopsis Flaxleaf Fleabane Coreopsis Coreopsis Coreopsis Coreopsis Coreopsis Crassocephalum crepidioides Thickhead Crotalaria incana Wolly Rattlepod A Rattlepod Buphorbia cyathphora Painted Spurge Gloriosa Gomphocarpus fruticosus Narrow Leaved Cotton Bush Helianthus tuberosus Jerusalem Artichoke Hydrocotyle bonariensis A Pennywort Hypochaeris radicata	•	
Ageratina adenophora Crofton Weed Ageratina riparium Mistflower Ageratum housonianum Blue Billygoat Weed Amaranthus viridis Green Amaranth Ambrosia artemisifolia Annual Ragweed Bidens pilosa Farmer's Friends Bryophyllum delagoense Mother of Millions Brypophylum pinnatum Ressurection Plant Cakile edentula American Sea Rocket Chamaesyce nutans Chamaesyce supina Red Caustic Weed Chrysanthemoides monilifera subsp. rotundata Bitou Bush Conyza albida A Fleabane Conyza parva A Fleabane Conyza parva A Fleabane Coeopsis lanceolata Coreopsis Cornopus didymus Lesser Swinegrass Crassocephalum crepidioides Thickhead Crotalaria incana Wolly Rattlepod Euphorbia cyathphora Painted Spurge Gloriosa Superba Helianthus tuberosus Hydrocotyle bonariensis A Pennywort Hypochaeris radicata Crotaleria radicata Crotaleria radicata Catsear	Urochloa decumbens	Signal Grass
Ageratina adenophora Ageratina riparium Ageratum housonianum Ageratum housonianum Ageratum housonianum Ageratum housonianum Ambrosia artemisifolia Bidens pilosa Bryophyllum delagoense Bryophyllum delagoense Bryophyllum pinnatum Cakile edentula Chamaesyce nutans Chamaesyce supina Chrysanthemoides monilifera subsp. rotundata Bitou Bush Conyza albida Conyza parva A Fleabane Conyza parva Coeopsis lanceolata Corropus didymus Crostalaria incana Crotalaria incana Comphocarpus fruticosus Helianthus tuberosus Hydrocotyle bonariensis C Agera Amaranth Annual Ragweed Mother of Millions Farmer's Friends Mother of Millions Ressurection Plant Annual Ragweed Bituu Bush American Sea Rocket Caustic Weed Caustic Meason Caustic Meason Caustic Meason Caustic Meason Caustic Meason Ca	Herb/Forb	
Ageratina riparium Ageratum housonianum Ageratum housonianum Ageratum housonianum Ageratum housonianum Ageratum housonianum Ambrosia artemisifolia Bidens pilosa Bryophyllum delagoense Bryophyllum delagoense Bryophylum pinnatum Cakile edentula Chamaesyce nutans Chamaesyce supina Chamaesyce supina Chamaesyce supina Chrysanthemoides monilifera subsp. rotundata Conyza albida Conyza albida A Fleabane Conyza parva A Fleabane Coeopsis lanceolata Corropus didymus Crassocephalum crepidioides Crotalaria incana Crotalaria incana Cloriosa superba Gomphocarpus fruticosus Hydrocotyle bonariensis A Pennywort Hypochaeris radicata Mistflower Ageral Mistflower Blue Billygoat Weed Annual Ragweed Billue Billygoat Mother of Millions Framer's Friends Annual Ragweed Blue Billygoat Mother of Millions Framer's Friends Annual Ragweed Bitue Billygoat Mother of Millions Framer's Friends Bitou Bush A Fleabane Coustaite Weed Caustic Mead Caustic Pautocaus A Fleabane Cooperation of Caustic Meed Caustic Meed Caustic Meed Caustic Meed Caustic Meed Caustic Meed	Botanical Name	Common Name
Ageratina riparium Ageratum housonianum Ageratum housonianum Ageratum housonianum Ageratum housonianum Ageratum housonianum Ambrosia artemisifolia Bidens pilosa Bryophyllum delagoense Bryophyllum delagoense Bryophylum pinnatum Cakile edentula Chamaesyce nutans Chamaesyce supina Chamaesyce supina Chamaesyce supina Chrysanthemoides monilifera subsp. rotundata Conyza albida Conyza albida A Fleabane Conyza parva A Fleabane Coeopsis lanceolata Corropus didymus Crassocephalum crepidioides Crotalaria incana Crotalaria incana Cloriosa superba Gomphocarpus fruticosus Hydrocotyle bonariensis A Pennywort Hypochaeris radicata Mistflower Ageral Mistflower Blue Billygoat Weed Annual Ragweed Billue Billygoat Mother of Millions Framer's Friends Annual Ragweed Blue Billygoat Mother of Millions Framer's Friends Annual Ragweed Bitue Billygoat Mother of Millions Framer's Friends Bitou Bush A Fleabane Coustaite Weed Caustic Mead Caustic Pautocaus A Fleabane Cooperation of Caustic Meed Caustic Meed Caustic Meed Caustic Meed Caustic Meed Caustic Meed	Ageratina adenophora	Crofton Weed
Ageratum housonianum Amaranthus viridis Ambrosia artemisifolia Bidens pilosa Bryophyllum delagoense Bryophyllum pinnatum Cakile edentula Chamaesyce nutans Chamaesyce supina Charysanthemoides monilifera Subsp. rotundata Conyza albida Conyza parva Coeopsis lanceolata Corropus didymus Crotalaria incana Crotalaria lanceolata Comphocarpus fruticosus Glentydenderis radicata American Sea Rocket American Sea Rocket Chamaesyce supina Red Caustic Weed Chrysanthemoides monilifera Bitou Bush A Fleabane Coreopsis Flaxleaf Fleabane Coreopsis Coreopsis Cornopus didymus Coeopsis lanceolata Coreopsis Corotalaria incana Coreopsis Corotalaria incana Coreopsis Corotalaria incana Coreopsis Corotalaria incana Coreopsis Corotalaria lanceolata Coreopsis Coreop	•	Mistflower
Amaranthus viridis Ambrosia artemisifolia Bidens pilosa Bryophyllum delagoense Bryophyllum pinnatum Cakile edentula Chamaesyce nutans Chamaesyce supina Chamaesyce supina Charysanthemoides monilifera Subsp. rotundata Conyza albida Conyza parva Coeopsis lanceolata Corropus didymus Crassocephalum crepidioides Crotalaria incana Crotalaria lanceolata Euphorbia cyathphora Gloriosa Gomphocarpus fruticosus Hydrocotyle bonariensis Riarmer's Friends Mother of Millions Ressurection Plant American Sea Rocket Caustic Weed Caustic Plant Cauta A Fleabane Cooperation		Blue Billygoat Weed
Bidens pilosa Bryophyllum delagoense Bryophyllum pinnatum Cakile edentula Chamaesyce nutans Chamaesyce supina Chrysanthemoides monilifera Subsp. rotundata Conyza albida Conyza bonariensis Coeopsis lanceolata Cornopus didymus Crassocephalum crepidioides Crotalaria incana Crotalaria lanceolata Crotalaria lanceolata Comphocarpus fruticosus Gomphocarpus fruticosus Helianthus tuberosus Hydrocotyle bonariensis Farmer's Friends Mother of Millions Messurection Plant Red Caustic Weed Caustic Weed A Fleabane Flaxleaf Fleabane A Fleabane Coreopsis Coreops	•	, ,
Bidens pilosa Bryophyllum delagoense Bryophyllum pinnatum Cakile edentula Chamaesyce nutans Chamaesyce supina Chrysanthemoides monilifera Subsp. rotundata Conyza albida Conyza parva Coeopsis lanceolata Cornopus didymus Crassocephalum crepidioides Crotalaria incana Crotalaria lanceolata Comphocarpus fruticosus Clombro didynus Comphocarpus fruticosus Comphocarpus fruticosus Comphocarpus fruticosus Compyonty in composition of the periodic of the proposition of the periodic of the proposition of the periodic	Ambrosia artemisifolia	Annual Ragweed
Bryophyllum delagoense Brypophyllum pinnatum Cakile edentula Chamaesyce nutans Chamaesyce supina Chrysanthemoides monilifera subsp. rotundata Conyza albida Conyza bonariensis Conopus didymus Corropus didymus Crassocephalum crepidioides Crotalaria incana Crotalaria lanceolata Euphorbia cyathphora Gloriosa Gomphocarpus fruticosus Hydrocotyle bonariensis Mother of Millions Ressurection Plant Resurection Plant Red Caustic Weed After Plant Red Caustic Meed Caustic Weed After Plant Red Caustic Meed Chustic Plant Red Caustic Meed Couted Red Caustic Meed Red Caustic Meed Red Caustic Meed Red Caustic Meed Couted Red Caustic Meed Red Caustic Mee	Bidens pilosa	•
Brypophylum pinnatum Cakile edentula Chamaesyce nutans Chamaesyce supina Chrysanthemoides monilifera subsp. rotundata Conyza albida Conyza bonariensis Conyza parva Coeopsis lanceolata Corropus didymus Crassocephalum crepidioides Crotalaria incana Crotalaria lanceolata Euphorbia cyathphora Gloriosa Gomphocarpus fruticosus Hydrocotyle bonariensis Red Caustic Weed Caust	•	Mother of Millions
Cakile edentula Chamaesyce nutans Chamaesyce supina Chrysanthemoides monilifera subsp. rotundata Conyza albida Conyza bonariensis Conyza parva Coeopsis lanceolata Cornopus didymus Crassocephalum crepidioides Crotalaria incana Crotalaria lanceolata Euphorbia cyathphora Gloriosa superba Gomphocarpus fruticosus Hydrocotyle bonariensis A Red Caustic Weed Red Caustic Weed		Ressurection Plant
Chamaesyce supina Chamaesyce supina Chrysanthemoides monilifera subsp. rotundata Conyza albida Conyza bonariensis Conyza parva Coeopsis lanceolata Cornopus didymus Crassocephalum crepidioides Crotalaria incana Crotalaria lanceolata Corobasis Comphocarpus fruticosus Helianthus tuberosus Hydrocotyle bonariensis Red Caustic Weed		American Sea Rocket
Chamaesyce supina Chrysanthemoides monilifera subsp. rotundata Conyza albida Conyza bonariensis Conyza parva Coeopsis lanceolata Cornopus didymus Crassocephalum crepidioides Crotalaria incana Crotalaria lanceolata Corolasa superba Gomphocarpus fruticosus Helianthus tuberosus Hydrocotyle bonariensis Red Caustic Weed Red Caustic	Chamaesyce nutans	
Chrysanthemoides monilifera subsp. rotundata Conyza albida Conyza bonariensis Conyza parva Coeopsis lanceolata Corropus didymus Crassocephalum crepidioides Crotalaria incana Crotalaria lanceolata Curotalaria lanceolata Corolasa yathphora Cor	•	Red Caustic Weed
subsp. rotundata Conyza albida Conyza bonariensis Conyza parva Coeopsis lanceolata Corropus didymus Crassocephalum crepidioides Crotalaria incana Crotalaria lanceolata Curotalaria lanceolata Corolas superba Gloriosa superba Gomphocarpus fruticosus Hydrocotyle bonariensis A Fleabane Coreopsis Coreopsis Lesser Swinegrass Thickhead Coreopsis Lesser Swinegrass Thickhead Coreopsis Lesser Swinegrass Thickhead Coreopsis Lesser Swinegrass Thickhead Volly Rattlepod A Rattlepod Crotalaria lanceolata A Rattlepod Cloriosa Gloriosa Gloriosa Gloriosa Gloriosa Cotton Bush Jerusalem Artichoke Hydrocotyle bonariensis A Pennywort Catsear		
Conyza albida A Fleabane Conyza bonariensis Flaxleaf Fleabane Conyza parva A Fleabane Coeopsis lanceolata Coreopsis Cornopus didymus Lesser Swinegrass Crassocephalum crepidioides Thickhead Crotalaria incana Wolly Rattlepod Crotalaria lanceolata A Rattlepod Euphorbia cyathphora Painted Spurge Gloriosa superba Gloriosa Gomphocarpus fruticosus Narrow Leaved Cotton Bush Helianthus tuberosus Jerusalem Artichoke Hydrocotyle bonariensis A Pennywort Hypochaeris radicata Catsear	-	Bitou Bush
Conyza bonariensis Conyza parva A Fleabane Coeopsis lanceolata Coreopsis Cornopus didymus Lesser Swinegrass Crassocephalum crepidioides Crotalaria incana Wolly Rattlepod Crotalaria lanceolata A Rattlepod Euphorbia cyathphora Painted Spurge Gloriosa superba Gomphocarpus fruticosus Helianthus tuberosus Hydrocotyle bonariensis A Pennywort Hypochaeris radicata A Fleabane Coreopsis Lesser Swinegrass Thickhead Wolly Rattlepod A Rattlepod Gloriosa Volly Rattlepod A Rattlepod Funted Spurge Gloriosa Jerusalem Artichoke A Pennywort Catsear	Conyza albida	A Fleabane
Conyza parva A Fleabane Coeopsis lanceolata Coreopsis Cornopus didymus Lesser Swinegrass Crassocephalum crepidioides Thickhead Crotalaria incana Wolly Rattlepod Crotalaria lanceolata A Rattlepod Euphorbia cyathphora Painted Spurge Gloriosa superba Gloriosa Gomphocarpus fruticosus Narrow Leaved Cotton Bush Helianthus tuberosus Jerusalem Artichoke Hydrocotyle bonariensis A Pennywort Hypochaeris radicata Catsear	-	Flaxleaf Fleabane
Coeopsis lanceolata Cornopus didymus Lesser Swinegrass Crassocephalum crepidioides Crotalaria incana Wolly Rattlepod Crotalaria lanceolata A Rattlepod Euphorbia cyathphora Painted Spurge Gloriosa superba Gomphocarpus fruticosus Helianthus tuberosus Hydrocotyle bonariensis A Pennywort Hypochaeris radicata Croeopsis Lesser Swinegrass Thickhead Wolly Rattlepod A Rattlepod Painted Spurge Gloriosa Narrow Leaved Cotton Bush Jerusalem Artichoke A Pennywort Catsear	•	A Fleabane
Crassocephalum crepidioides Crotalaria incana Crotalaria lanceolata Euphorbia cyathphora Gloriosa superba Gomphocarpus fruticosus Helianthus tuberosus Hydrocotyle bonariensis A Pennywort Hypochaeris radicata Thickhead Wolly Rattlepod A Rattlepod Fainted Spurge Gloriosa Gloriosa Narrow Leaved Cotton Bush Jerusalem Artichoke A Pennywort Catsear		Coreopsis
Crotalaria incana Wolly Rattlepod Crotalaria lanceolata A Rattlepod Euphorbia cyathphora Painted Spurge Gloriosa superba Gloriosa Gomphocarpus fruticosus Narrow Leaved Cotton Bush Helianthus tuberosus Jerusalem Artichoke Hydrocotyle bonariensis A Pennywort Hypochaeris radicata Catsear	Cornopus didymus	Lesser Swinegrass
Crotalaria lanceolata Euphorbia cyathphora Gloriosa superba Gomphocarpus fruticosus Helianthus tuberosus Hydrocotyle bonariensis A Rattlepod Painted Spurge Gloriosa Narrow Leaved Cotton Bush Jerusalem Artichoke A Pennywort Catsear	Crassocephalum crepidioides	Thickhead
Crotalaria lanceolata Euphorbia cyathphora Gloriosa superba Gomphocarpus fruticosus Helianthus tuberosus Hydrocotyle bonariensis A Rattlepod Painted Spurge Gloriosa Narrow Leaved Cotton Bush Jerusalem Artichoke A Pennywort Catsear	·	Wolly Rattlepod
Euphorbia cyathphora Painted Spurge Gloriosa superba Gloriosa Gomphocarpus fruticosus Narrow Leaved Cotton Bush Helianthus tuberosus Jerusalem Artichoke Hydrocotyle bonariensis A Pennywort Hypochaeris radicata Catsear	Crotalaria lanceolata	•
Gloriosa superba Gomphocarpus fruticosus Helianthus tuberosus Hydrocotyle bonariensis Hypochaeris radicata Gloriosa Narrow Leaved Cotton Bush Jerusalem Artichoke A Pennywort Catsear	Euphorbia cyathphora	•
Gomphocarpus fruticosus Helianthus tuberosus Hydrocotyle bonariensis Hypochaeris radicata Narrow Leaved Cotton Bush Jerusalem Artichoke A Pennywort Catsear		. 3
Helianthus tuberosus Hydrocotyle bonariensis Hypochaeris radicata Jerusalem Artichoke A Pennywort Catsear	•	Narrow Leaved Cotton Bush
Hydrocotyle bonariensis A Pennywort Hypochaeris radicata Catsear	•	
Hypochaeris radicata Catsear	Hydrocotyle bonariensis	A Pennywort
••		•
Lotononis bainesii Lotononis	Lotononis bainesii	Lotononis

LANDSCAPE GUIDELINES CASUARINA BEACH – 7(f) ZONE

TWEED SHIRE COUNCIL

Herb/Forb (continued)

Botanical Name	Common Name
Oenothera drummondii	Beach Evening Primrose
Oenothera indecora subsp. bonariensis	Small Flowering Evening Primrose
Oenothera mollissima	An Evening Primrose
Oenothera stricta	Sweet Scented Evening Primrose
Oxalis species A	A Wood Sorrel
Phyllanthus tenellus	
Phytolacca octandra	Inkweed
Polycarpon tetraphyllum	Four Leaved Allseed
Protasparagus aethiopicus	Aspargus Fern
Richardia brasiliensis	Mexican Clover
Richardia stellaris	
Rivina humilis	Coral Berry
Sanseveria trifasciata	Mother in Law's Tonque
Senecio madagascariensis	Fireweed
Solanum nigrum	Black-berry Nightshade
Sonchus oleraceus	Common Sowthistle
Tagetes minuta	Stinking Roger
Tephrosia glomerulifera	Pink Tephrosia
Trifolium dubium	Yellow Suckling Clover
Wedelia trilobata	Singapore Daisy
Yucca aloifolia	Yucca
<u>Vines</u>	
Botanical Name	Common Name
Anredera cordifolia	Madiera Vine
Delairea odorata	Cape Ivy
Hylocereus undatus	Night Blooming Cactus
Ipomea cairica	Coast Morning Glory
Ipomea purpurea	Common Morning Glory
Macroptilium atropurpureum	Siratro
Passiflora aurantia	Burnt Leaved Passionfruit
Passiflora subpeltata	White Passionflower
Protasparagus africanus	A Climbing Asparagus Fern
Protasparagus plumosa	A Climbing Asparagus Fern
Solanum seaforthianum	Brazilian Nightshade
Vicia sativa	Common Vetch

<u>Ferns</u>

Botanical Name	Common Name
Microsorum diversifolium	Kangaroo Fern
Nephrolepsis cordifolia	Fishbone Fern
Nephrolepsis hirsutula	A Fishbone Fern
Rush/Sedge	
Botanical Name	Common Name
Cyperus aggregatus	A Sedge
Cyperus prlifer	Dwarf Papyrus
Cyperus vorsteri	A Sedge



Alectryon coriaceus

(Beach Alectryon)

Ht:: 1-6m Sprd.: 2m Full sun to part shade
Prefers sandy well-drained soils with
reasonable drainage, some moisture
retention but tolerates wet conditions.

A bushy tree with shiny black seeds and sweet red aril that attract birds.



Allocasuarina littoralis

(Black She Oak)

Ht:: 6m Sprd.: 2m Full sun to part shade Requires reasonable drainage, some moisture retention.

Fast growing tree, male flowers cover the tree giving it a bronze appearance. Female flowers are small and red, clustered along the branches. Woody seed pods follow. Useful tree for soil erosion control and wind breaks. The needle like foliage gives it a weeping appearance.



Banksia aemula

(Wallum Banksia)

Ht. 5m Sprd. 2m Full sun

Prefers sandy well-drained soils with reasonable drainage, some moisture retention.

Bushy tree with large creamy/grey flower spikes in summer and autumn. The candle-like flowers of this plant are outstanding and attract many honey-eating birds.



Banksia integrifolia

(Coast Banksia)

Ht. 6m Sprd. 2m Full sun

Prefers sandy well-drained soils with reasonable drainage, some moisture retention.

Hardy, medium tree with large yellow brushes throughout the year. The candle-like flowers of this plant are outstanding and attract many honey-eating birds.



Callistemon pachyphyllus

(Red flowered Bottlebrush)

Ht:: 2m Sprd.: 1.5m Full sun to part shade Requires reasonable drainage, some moisture retention to moist soils

Bushy shrub with dark red flower brushes all year. Very hardy.



Callistemon salignus

(Willow Bottlebrush)

Ht:: 6m Sprd.: 2m Full sun to part shade Requires reasonable drainage, some moisture retention to moist soils

Tall shrub that flowers prolifically with cream bottlebrushes in spring and autumn. Bright pink new foliage is a feature.



Casuarina equisetifolia

(Horse Tail She Oak)

Ht:: 8m Sprd.: 3m Full sun Prefers sandy, well-drained soils

Hardy tree that withstands salt laden winds. Very important tree for binding coastal dunes



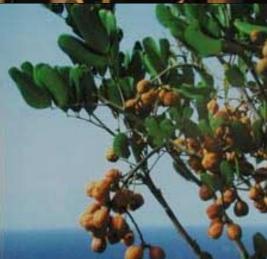
Cryptocaria triplinervis

(No Common Name)

Ht:: 15m Sprd.: 15m Full sun

Requires reasonable drainage, some moisture retention.

A small to medium tree with dark green leaves. Yellowish flowers are small, followed by purple-black fruit. Relatively slow growing.



Cupaniopsis anacardioides (Tuckeroo)

Ht:: 10m Sprd.: 2m Full sun to part shade

Requires reasonable drainage, some moisture retention.

Useful shade tree for sea side areas. Greenish/white scented flowers are followed by bright orange berries.



Elaeocarpus obovatus

(Hard Quandong)

Ht:: 6m Sprd.: 3m Full sun to part shade Requires reasonable drainage, some moisture retention.

Bushy tree with white bell shaped flowers with fringed petals in spring. Blue berries follow.



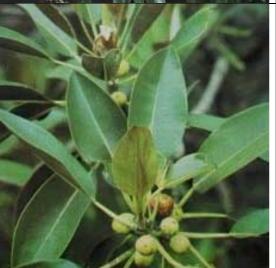
Endiandra sieberi

(Corkwood)

Ht:: 10m Sprd.: 3m Full sun

Requires reasonable drainage, some moisture retention.

Bushy tree with deeply ridged corky bark.
Small white flowers are followed by large
glossy black fruit that attractive to birds. New
growth is red.



Ficus macrophylla

(Moreton Bay Fig)

Ht:: 20m Sprd.: 10m Full sun

Requires reasonable drainage, some moisture retention.

Majestic spreading shade tree with large dark glossy green leaves. The young shoots are a rusty brown colour. Purple fruit with white spots ripe in summer.



Ficus platypoda

(Small Leaved Moreton Bay Fig)

Ht:: 6m Sprd.: 3m Full sun

Requires reasonable drainage, some moisture retention.

A bushy tree with orange/red fruit in the leaf axials that are ripe in autumn. One of the hardiest figs



Ficus rubiginosa

(Port Jackson Fig)

Ht:: 6m Sprd.: 3m Full sun

Requires reasonable drainage, some moisture retention.

A bushy ornamental tree with a spreading crown. Yellow/red globular fruit attracts birds.



Macaranga tanarius

(Macaranga)

Ht:: 6m Sprd.: 3m Full sun

Requires reasonable drainage, some moisture retention.

A bushy tree with large heart shaped leaves. A fast growing tree with cream flowers in spring. Flowers and fruit attract parrots.



Melaleuca quinquinervia

(Paper barked Tea Tree)

Ht:: 9m Sprd.: 3m Full sun

Tolerates a wide range of soils from well drained to wet, but performs best in moist to boggy conditions

An erect tree with scented cream flower brushes in autumn and winter. Bark delaminates in strips.



Pandanus tectorius

(Pandanus)

Ht:: 9m Sprd.: 3m Full sun

Requires reasonable drainage, some moisture retention.

Long strap-like leaves create a bold texture as they whorl from the trunk. Develops prop roots with age.



Syzygium oleosum

(Blue Lilly Pilly)

Ht:: 6-10m Sprd.: 3m Full sun

Requires reasonable drainage, some moisture retention.

A bushy tree with many white flowers in spring followed by bunches of mauve fruit. Very showy when in bloom.

GROUNDCOVERS



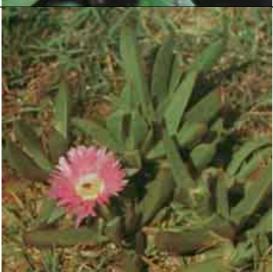
Austromyrtus dulcis

(Midyim)

Ht:: 600-900m Sprd.: 2m Full sun to part shade

Prefers sandy well drained soils with reasonable drainage, some moisture retention.

Prostrate shrub with white flowers in spring followed by pale grey berries that are edible. Can form dense mat.



Carpobrotus glauscens

(Pig Face)

Ht:: 500m Sprd.: 2-3m Full sun

Prefers sandy well drained soils with reasonable drainage, some moisture retention.

Suckering groundcover with large deep pink flowers all year. Good for binding soil.



Crinum pendunculatum

(Swamp Lily)

Ht:: 1.5 Sprd.: 1.5m Full sun to part shade

Tolerates a wide range of soils from well drained to wet, but performs best in moist to boggy conditions

Bulbous plant with strap like leaves. Clusters of scented flowers on tall fleshy stalks in spring.



Dianella caerula

(Flax Lily)

Ht:: 1m Sprd.: 500mm Full sun to part shade Prefers sandy well drained soils with reasonable drainage, some moisture retention.

A low tufting plant suckering to form clumps. Clusters of blue flowers on long stalks, followed by brilliant blue berries.



Dianella congesta

(Flax Lily)

Ht:: 750mm Sprd.: 500mm Full sun to part shade

Prefers sandy well drained soils with reasonable drainage, some moisture retention.

A low tufting plant suckering to form clumps. Clusters of blue flowers on long stalks, followed by shiny blue berries.



Hibbertia scandens

(Snake Vine)

Ht:: climber Spreading Full sun

Prefers sandy well drained soils with reasonable drainage, some moisture retention.

A vigorous climber or groundcover with large yellow flowers for most of the year. Orange berries follow that attract birds.



Isolepsis hookeriana

Isolepsis

Ht:: 100mm Spreading Full sun

Moist to wet soils

Small tufted annual rush with slender light green stems. Reproduces itself readily in good conditions. Attractive foliage.



Juncus usitatus

Common Rush

Ht:: 1m Spreading Full sun

Moist to wet soils, along margins of drains and channels

Small tufted rush with slender dark green stems. Spreads by rhizomes, good for erosion control. Provides food and shelter for wildlife.



Lomandra hystrix

(Mat-rush)

Ht:: 1m Sprd.: 500mm Full sun to part shade Requires reasonable drainage, some moisture retention.

A spreading cushion like plant with short spikes of creamy flowers in autumn and winter. Spreads to form large clumps.



Lomandra longifolia

(Long Leaved Mat-rush)

Ht:: 1m Sprd.: 500mm Full sun to part shade Requires reasonable drainage, some moisture retention.

A spreading cushion like plant with short spikes of creamy flowers in autumn and winter. Spreads to form large clumps.



Myoporum ellipticum

(Coastal Myoporum)

Ht:: 500mm Sprd.: 3m Full sun to part shade Requires reasonable drainage, some moisture retention.

A spreading groundcover with small white flowers in autumn. Dark green foliage.



Spinifex sericeus

(Spinifex)

Ht:: 300mm Spreading Full sun

Prefers sandy well drained soils with reasonable drainage, some moisture retention.

Easily grown from cuttings