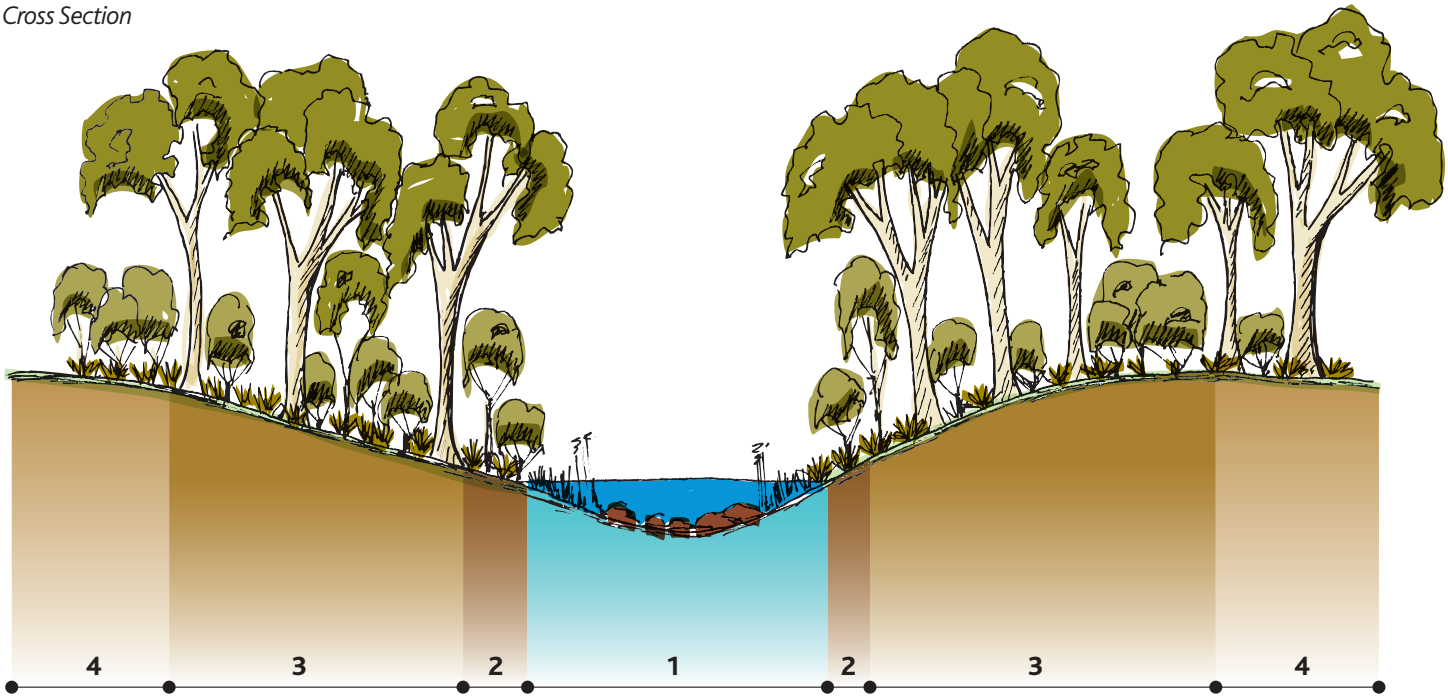
VEGETATION SPECIES

23CVU

EVC 23 HERB-RICH FOOTHILL FOREST CENTRAL VICTORIAN UPLANDS

Occurs on relatively fertile, moderately well-drained soils on an extremely wide range of geological types and in areas of moderate to high rainfall. Occupies easterly and southerly aspects mainly on lower slopes and in gullies. A medium to tall open forest or woodland to 25m tall with a small tree layer over a sparse to dense shrub layer. A high cover and diversity of herbs and grasses in the ground layer characterise this EVC.

Cross Section



Zone

VEGETATION SPECIES 23CVU

Botanical name	Common name	Planting zone				Dominance	Vegetation Quality					Comments	Most suitable for replanting	EVC Benchmark
		1	2	3	4		5	4	3	2	1			
TREES														
Eucalyptus globulus ssp. bicostata	Eurabbie				■	L	●	●	●	●	●	Reliable and robust	●	●
Eucalyptus obliqua	Messmate Stringybark				■	D	●	●	●	●	●	Reliable and robust	●	●
Eucalyptus dives	Broad-leaved Peppermint				■	O	●	●	●	●	●	Reliable and robust	●	●
Eucalyptus radiata s.l.	Narrow leaf Peppermint			■	■	C	●	●	●	●	●	Reliable and robust	●	
Eucalyptus cypellocarpa	Mountain Grey-gum			■	■	O	●	●	●	●	●	Reliable and robust	●	
SMALL TREES/LARGE - MEDIUM SHRUBS & VINES														
Acacia dealbata	Silver Wattle		■	■	■	L	●	●	●			Relaible and robust. May require maintenance if planted in erosion prone areas		●
Acacia melanoxylon	Blackwood		■	■		D	●	●	●	●	●	Reliable and robust	●	
Acacia stricta	Hop Wattle				■	O	●	●				Difficult to propagate		
Acrotriche prostrata	Trailing Ground-berry				■	C	●	●				Can be slow to establish.		
Banksia marginata	Silver Banksia			■	■	O	●	●	●	●		Reliable and robust	●	
Billardiera scandens var. scandens	Common Apple-berry			■	■	O	●	●	●	●		Use only in high quality revegetation	●	●
Cassinia aculeata	Common Cassinia			■	■	C	●	●	●	●	●	Reliable and robust	●	
Clematis aristata	Mountain Clematis			■	■	C	●	●	●	●		Use only in high quality revegetation	●	●
Coprosma quadrifida	Prickly Currant-bush			■	■	C	●	●	●	●	●	Reliable and robust	●	
Epacris impressa	Common Heath			■	■	C	●	●	●			Difficult to propagate		
Glycine clandestina	Twining Glycine				■	O	●	●	●	●		Can be difficult to establish	●	●
Hardenbergia violacea	Purple Coral-pea				■	O	●	●	●	●		Use only in high quality revegetation	●	●
Leptospermum continentale	Prickly Tea-tree			■	■	O	●	●	●	●	●	Reliable and robust	●	
Olearia phlogopappa	Dusty Daisy-bush				■	C	●	●	●					
GRASSES,SEDGES DICOT HERBS and FERNS														
Acaena novae-zelandiae	Bidgee-widgee		■	■		O	●	●	●	●	●	Useful for weed suppression with adequate site preparation	●	●
Acrotriche prostrata	Trailing Ground-berry				■	O	●	●				Difficult to propagate		●
Adiantum aethiopicum	Common Maidenhair		■	■		O	●	●	●			Difficult to propagate		
Asplenium flabellifolium	Necklace Fern				■	L	●					Difficult to propagate		●
Austrodanthonia pilosa	Velvet Wallaby-grass				■	L	●							●
Dianella tasmanica	Tasman Flax-lily		■	■	■	C	●	●	●	●	●	Reliable, robust and easily propagated	●	
Dichondra repens	Kidney-weed		■	■	■	D	●	●	●	●		Can be difficult to establish due to diminutive size	●	●
Echinopogon ovatus	Common Hedgehog-grass				■	L	●							●
Gahnia radula	Thatch Saw-sedge			■	■	L	●	●				Difficult to propagate		
Gahnia sieberiana	Red-fruit Saw-sedge			■	■	C	●	●	●	●	●	Reliable and robust	●	
Galium propinquum	Maori Bedstraw				■	D	●	●				Can be difficult to establish due to diminutive size		
Gonocarpus tetragynus	Common Raspwort				■	C	●	●	●			Can be difficult to establish due to diminutive size		
Hovea heterophylla	Common Hovea		■	■	■	O	●	●	●			Can be difficult to establish due to diminutive size		●
Hydrocotyle laxiflora	Stinking Pennywort		■	■	■	O	●	●				Can be difficult to establish due to diminutive size		●
Hypericum gramineum	Small St John's Wort				■	O	●	●				Can be difficult to establish due to diminutive size		

Key

Planting Zone

1 ■ Bed
2 ■ Lower Bank
3 ■ Upper Bank
4 ■ Verge

Dominance

L Limited
O Occasional
C Common
D Dominant

Vegetation Quality

These columns show the species expected to be present in areas of vegetation at five different quality levels.

1 Very low Highly degraded with limited social and amenity values
2 Low Highly modified, fragmented and meets social and amenity requirements
3 Medium Fragmented remnants
4 High Relatively intact, structural vegetation elements present with high connectivity
5 Very high Intact with all structural vegetation elements present and high connectivity

Most suitable for replanting

Plants listed in this column are species which are readily cultivated in nurseries with indigenous plant propagation skills, reliable in revegetation with an expected survival rate of 95% or greater three years post planting – assumes that a high quality plant was supplied (refer to plant standard) and that weed management and planting is undertaken with appropriate skill and diligence.

EVC Benchmark

EVC benchmarks have been developed as standard reference points that are applied in carrying out vegetation assessments. An EVC benchmark represents the average characteristics of a mature and apparently long-undisturbed stand of the same vegetation type.

VEGETATION SPECIES 23CVU

Botanical name	Common name	Planting zone				Dominance	Vegetation Quality					Comments	Most suitable for replanting	EVC Benchmark
		1	2	3	4		5	4	3	2	1			
Lomandra filiformis ssp. coriacea	Wattle Mat-rush				■	C	●	●	●					●
Lomandra longifolia ssp. longifolia	Spiny-headed Mat-rush			■	■	D	●	●	●	●	●	Reliable, robust and easily propagated	●	●
Luzula meridionalis var. flaccida	Common Woodrush				■	O	●	●						●
Microlaena stipoides var. stipoides	Weeping Grass			■	■	C	●	●	●	●	●	Can be useful for initial site colonisation. Manage remnants with appropriate weed control	●	●
Olearia megalophylla	Large-leaf Daisy-bush				■	O	●	●						
Pimelea humilis	Common Rice-flower				■	O	●	●				Difficult to propagate on large scale.		
Poa ensiformis	Sword Tussock-grass			■	■	C	●	●	●	●	●	Prefers moist shaded terraces	●	●
Poa tenera	Slender Tussock-grass				■	O	●	●						●
Pteridium esculentum	Austral Bracken		■	■	■	O	●	●	●			Difficult to propagate		●
Senecio minimus	Shrubby Fireweed			■	■	D	●	●	●					●
Senecio quadridentatus	Cotton Fireweed			■	■	C	●	●	●	●		Can be useful for initial site colonisation	●	●
Senecio tenuiflorus	Slender Fireweed			■	■	C	●	●	●					●
Stellaria pungens	Prickly Starwort			■	■	C	●	●				Can be difficult to establish due to diminutive size		●
Stylidium graminifolium s.l.	Grass Trigger-plant			■	■	O	●	●	●	●		Difficult to establish a self perpetuating colony	●	
Themeda triandra	Kangaroo Grass			■	■	C	●	●	●	●	●	Requires burning or heavy disturbance for regeneration	●	
Veronica calycina	Hairy Speedwell			■	■	C	●	●				Can be difficult to establish due to diminutive size		
Viola hederacea sensu Willis (1972)	Ivy-leaf Violet			■	■	C	●	●	●			Can be difficult to establish due to diminutive size		●
Wahlenbergia gracilis s.l.	Sprawling Bluebell			■	■	O	●	●	●			Easy to grow and establish, but small size. Can spread easily by seed.		
Wahlenbergia stricta	Tall Bluebell			■	■	O	●	●	●	●		Use only in high quality revegetation	●	●

Key

Planting Zone

1 Bed
2 Lower Bank
3 Upper Bank
4 Verge

Dominance

L Limited
O Occasional
C Common
D Dominant

Vegetation Quality

These columns show the species expected to be present in areas of vegetation at five different quality levels.

1 Very low — Highly degraded with limited social and amenity values
2 Low — Highly modified, fragmented and meets social and amenity requirements
3 Medium — Fragmented remnants
4 High — Relatively intact, structural vegetation elements present with high connectivity
5 Very high — Intact with all structural vegetation elements present and high connectivity

Most suitable for replanting

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EVC Benchmark

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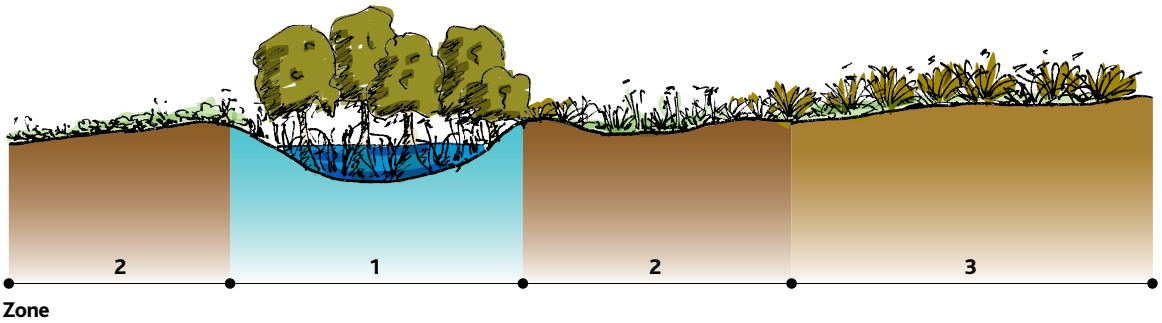
VEGETATION SPECIES

9GIP

EVC 9 COASTAL SALTMARSH GIPPSLAND PLAINS

Occurs on and immediately above marine and estuarine tidal flats and contains distinct floristic communities as bands or zones in the same location, depending on the positioning of the various floristic communities in relation to the saline environment. Consists of a range of life forms including succulent herbs, low succulent shrubs, rushes and sedges.

Cross Section



VEGETATION SPECIES 9GIP

Botanical name	Common name	Planting zone				Dominance	Vegetation Quality					Comments	Most suitable for replanting	EVC Benchmark
		1	2	3	4		5	4	3	2	1			
LARGE SHRUBS														
Atriplex cinerea	Coast saltbush		■	■		D	●	●	●	●		On shell banks, low dunes and berms only	●	
Atriplex paludosa ssp. paludosa	Marsh Saltbush		■			O	●	●	●	●		Reliable and robust - limited availability	●	
Avicennia marina ssp. australasica	White Mangrove	■				D	●	●	●			Along channels leading to and within Saltmarsh		
Tecticornia arbuscula (Syn. *Sclerostegia arbuscula*)	Shrubby Glasswort		■			D	●	●	●	●	●	Reliable and robust	●	●
SMALL SHRUBS, GRASSES,SEDGES DICOT HERBS and FERNS														
Apium prostratum ssp. *prostratum* s.l.	Sea Celery		■	■		O	●	●	●			Reliable with good site preparation		
Disphyma crassifolium ssp. *clavellatum*	Rounded Noon-flower		■			D	●	●	●	●	●	Reliable and robust	●	●
Distichlis distichophylla	Australian Salt-grass		■	■		D	●	●	●	●		Reliable and robust	●	
Frankenia pauciflora var. *gunnii*	Southern Sea-heath		■			O	●	●	●			Reliable with good site preparation		●
Gahnia filum	Chaffy Saw-sedge		■	■		C	●	●	●	●		Reliable and robust - check local occurance, limited availability	●	
Gahnia trifida	Coast Saw-sedge		■	■		C	●	●	●	●		Reliable and robust - check local occurance, limited availability	●	
Hemichroa pentandra	Trailing Hemichroa			■		C	●	●	●			Not generally available		
Juncus kraussii ssp. *australiensis*	Sea Rush		■	■		D	●	●	●	●	●	Reliable and robust	●	
Lawrencia spicata	Salt Lawrencia			■		O	●	●				Not generally available		
Limonium australe	Yellow Sea-lavender		■	■		O	●	●				Not generally available		
Lobelia irrigua	Salt Pratia		■	■		C	●	●	●	●		Reliable with good site preparation	●	
Mimulus repens	Creeping Monkey-flower		■			C	●	●	●	●		Reliable with good site preparation	●	
Poa poiformis var. *poiformis*	Coast Tussock-grass			■		D	●	●	●	●	●	Fringing (i.e. landward) of upper saltmarsh	●	
Puccinellia stricta var. *stricta* / var. *perlaxa*	Australian Saltmarsh-grass			■		C	●	●	●			Reliable with good site preparation		
Samolus repens	Creeping Brookweed		■	■		O	●	●	●	●		Reliable with good site preparation	●	●
Sarcocornia blackiana	Thick-head Glasswort		■			O	●	●	●	●		Reliable and robust	●	
Sarcocornia quinqueflora ssp. *quinqueflora*	Beaded Glasswort		■			D	●	●	●	●	●	Reliable and robust	●	●
Selliera radicans	Shiny Swamp-mat		■	■		C	●	●	●	●	●	Reliable and robust	●	
Sporobolus virginicus	Salt Couch		■	■		O	●	●	●			Reliable and robust		
Suaeda australis	Austral Seablite		■	■		C	●	●	●	●	●	Reliable and robust	●	●
Triglochin striatum	Streaked Arrowgrass	■	■	■		O	●	●	●	●	●	Reliable and robust	●	●
Wilsonia rotundifolia	Round-leaf Wilsonia			■		O	●	●	●			Reliable with good site preparation		

Key

Planting Zone

1 ■ Bed
2 ■ Lower Bank
3 ■ Upper Bank
4 ■ Verge

Dominance

L Limited
O Occasional
C Common
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Vegetation Quality

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EVC Benchmark

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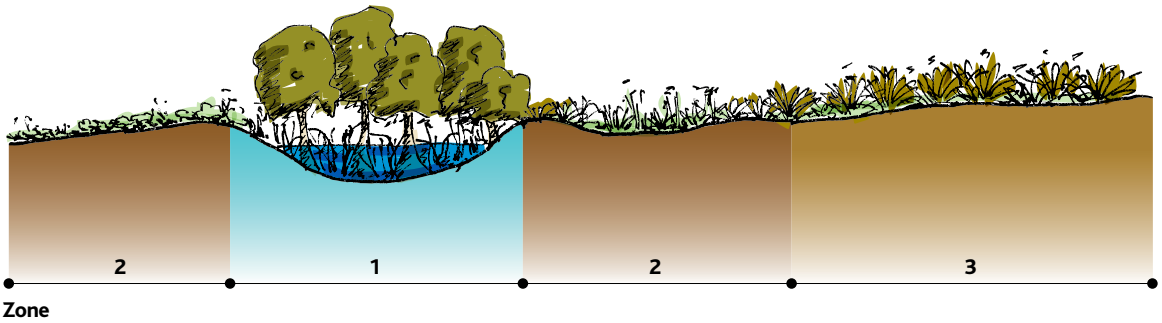
VEGETATION SPECIES

9VVP

EVC 9 COASTAL SALTMARSH VICTORIAN VOLCANIC PLAINS

Occurs on and immediately above marine and estuarine tidal flats and contains distinct floristic communities as bands or zones in the same location, depending on the positioning of the various floristic communities in relation to the saline environment. Consists of a range of life forms including succulent herbs, low succulent shrubs, rushes and sedges.

Cross Section



VEGETATION SPECIES 9VVP

Botanical name	Common name	Planting zone				Dominance	Vegetation Quality					Comments	Most suitable for replanting	EVC Benchmark
		1	2	3	4		5	4	3	2	1			
SMALL TREES/LARGE - MEDIUM SHRUBS & VINES														
Atriplex cinerea	Coast saltbush		■	■		D	●	●	●	●		On shell banks, low dunes and berms only	●	
Atriplex paludosa ssp. paludosa	Marsh Saltbush		■			O	●	●	●	●		Reliable and robust - limited availability	●	
Avicennia marina ssp. australasica	White Mangrove	■				D	●	●	●			Along channels leading to and within Saltmarsh		
Muehlenbeckia florulenta	Tangled Lignum		■	■		D	●	●	●	●		At outer edge of Saltmarsh communities	●	
Tecticornia arbuscula (Syn. *Sclerostegia arbuscula*)	Shrubby Glasswort		■			D	●	●	●	●	●	Reliable and robust	●	
Tecticornia halocnemoides ssp. *halocnemoides* (Syn. *Halosarcia halocnemoides* ssp. *Halocnemoides*)	Grey Glasswort		■			D	●	●	●	●	●	Reliable and robust	●	
Tecticornia pergranulata ssp. *Pergranulata* (Syn *Halosarcia pergranulata* ssp. *pergranulata*)	Black-seed Glasswort		■			D	●	●	●	●	●	Reliable and robust	●	
SMALL SHRUBS, GRASSES,SEDGES DICOT HERBS and FERNS														
Apium prostratum ssp. *prostratum* s.l.	Sea Celery		■	■		L	●	●	●			Reliable with good site preparation		
Disphyma crassifolium ssp. *clavellatum*	Rounded Noon-flower		■			C	●	●	●	●	●	Reliable and robust	●	●
Distichlis distichophylla	Australian Salt-grass		■	■		D	●	●	●	●		Reliable and robust	●	
Frankenia pauciflora var. *gunnii*	Southern Sea-heath		■			O	●	●	●			Reliable with good site preparation		●
Gahnia filum	Chaffy Saw-sedge		■	■		D	●	●	●	●		Reliable and robust - limited availability	●	
Hemichroa pentandra	Trailing Hemichroa			■		C	●	●	●			Not generally available		
Juncus kraussii ssp. *australiensis*	Sea Rush		■	■		C	●	●	●	●	●	Reliable and robust	●	
Lawrencia spicata	Salt Lawrencia			■		O	●	●				Not generally available		
Lobelia irrigua	Salt Pratia		■	■		O	●	●	●	●		Reliable with good site preparation	●	
Mimulus repens	Creeping Monkey-flower		■			C	●	●	●	●		Reliable with good site preparation	●	
Poa poiformis var. *poiformis*	Coast Tussock-grass			■		D	●	●	●	●	●	Fringing (i.e. landward) of upper saltmarsh	●	
Puccinellia stricta var. *stricta* / var. *perlaxa*	Australian Saltmarsh-grass			■		C	●	●	●			Reliable with good site preparation		
Samolus repens	Creeping Brookweed		■	■		O	●	●	●	●		Reliable with good site preparation	●	●
Sarcocornia blackiana	Thick-head Glasswort		■			O	●	●	●	●		Reliable with good site preparation		
Sarcocornia quinqueflora ssp. *quinqueflora*	Beaded Glasswort		■			D	●	●	●	●	●	Reliable and robust	●	●
Selliera radicans	Shiny Swamp-mat		■	■		C	●	●	●	●	●	Reliable and robust	●	
Sporobolus virginicus	Salt Couch		■	■		O	●	●	●			Reliable and robust		
Suaeda australis	Austral Seablite		■	■		C	●	●	●	●	●	Reliable and robust	●	●
Triglochin striatum	Streaked Arrowgrass	■	■	■		C	●	●	●	●	●	Reliable and robust	●	
Wilsonia humilis	Silky Wilsonia		■	■		O	●	●	●			Reliable with good site preparation		
Wilsonia rotundifolia	Round-leaf Wilsonia			■		O	●	●	●			Reliable with good site preparation		

Key

Planting Zone

1 ■ Bed
2 ■ Lower Bank
3 ■ Upper Bank
4 ■ Verge

Dominance

L Limited
O Occasional
C Common
D Dominant

Vegetation Quality

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4 High — Relatively intact, structural vegetation elements present with high connectivity
5 Very high — Intact with all structural vegetation elements present and high connectivity

Most suitable for replanting

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EVC Benchmark

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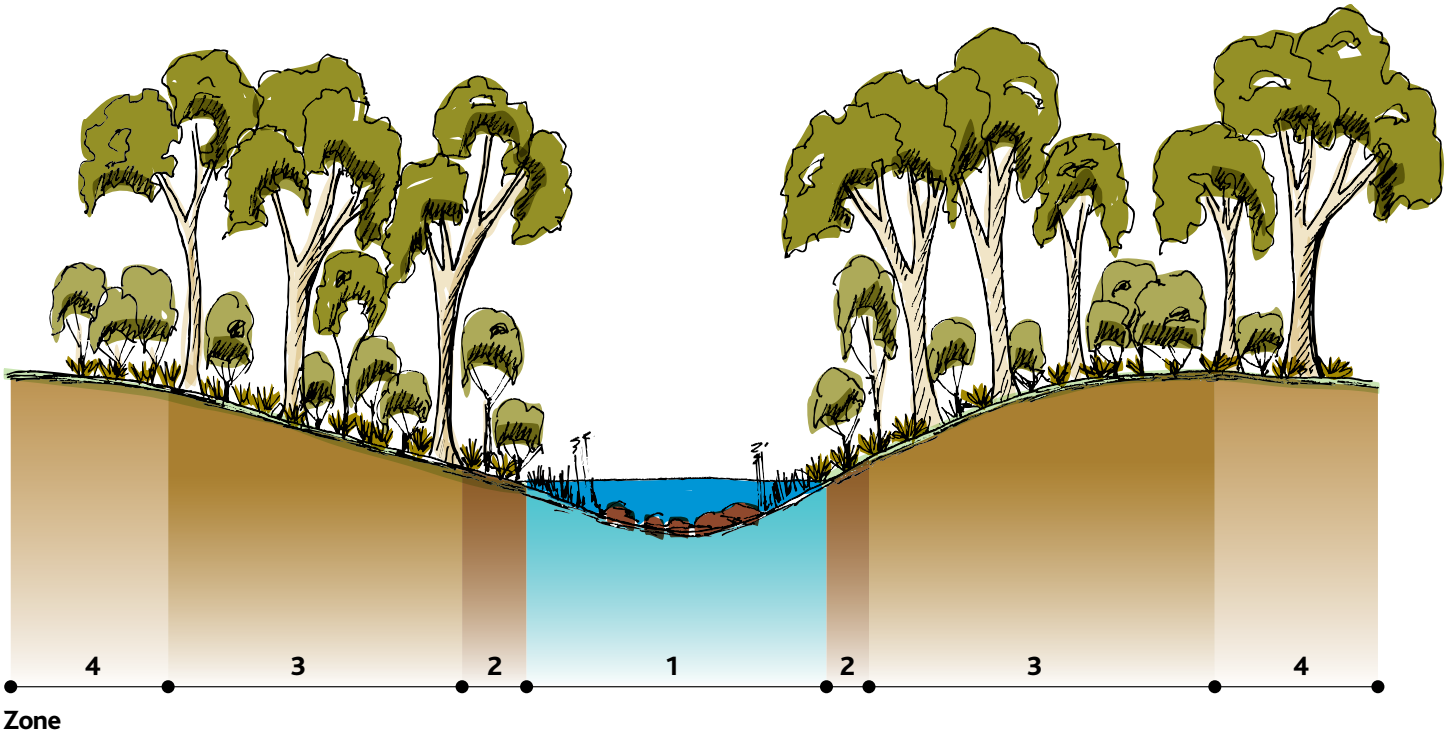
VEGETATION SPECIES

18STZ

EVC 18 RIPARIAN FOREST STRZELECKI RANGES

A tall forest to 30 m tall of river banks and associated alluvial terraces with occasional occurrences in the heads of gullies leading into creeks and rivers. The soil is fertile alluvium, regularly inundated and permanently moist. Dominated by tall eucalypts but also has an open to sparse secondary tree layer of wattles and scattered dense patches of shrubs, ferns, grasses and herbs.

Cross Section



VEGETATION SPECIES 18STZ

Botanical name	Common name	Planting zone				Dominance	Vegetation Quality					Comments	Most suitable for replanting	EVC Benchmark
		1	2	3	4		5	4	3	2	1			
TREES (40% canopy cover is the benchmark for this EVC and can be altered in degraded sites depending on constraints)														
Acacia dealbata ssp. dealbata	Silver Wattle				■	L	●	●	●			Usually able to regenerate - avoid planting or use in limited numbers		●
Acacia melanoxylon	Blackwood		■	■	■	C	●	●	●	●	●	Reliable and robust	●	●
Eucalyptus cypellocarpa	Mountain Grey Gum			■	■	L	●	●	●	●		Reliable and robust - check local occurrence	●	
Eucalyptus melliodora	Yellow Box				■	L	●	●				Not common in this bioregion - useful where waterway has incised and the banks are now drier		
Eucalyptus obliqua	Messmate Stringybark		■	■	■	O	●	●	●	●		Reliable and robust	●	●
Eucalyptus ovata var. ovata	Swamp Gum	■	■			O	●	●	●	●		Reliable and robust	●	
Eucalyptus radiata ssp. radiata	Narrow-leaf Peppermint			■	■	O	●	●	●	●		Reliable and robust - useful where waterway has incised and the banks are now drier	●	
Eucalyptus rubida	Candlebark				■	L	●	●				Reliable and robust - check local occurrence		
Eucalyptus strzeleckii	Strzelecki Gum		■	■		O	●	●	●	●	●	Reliable and robust - check local occurrence	●	●
Eucalyptus viminalis ssp. viminalis	Manna Gum		■	■	■	C	●	●	●	●	●	Reliable and robust	●	●
SMALL TREES/LARGE - MEDIUM SHRUBS & VINES														
Acacia verticillata ssp. verticillata	Pricky Moses			■	■	O	●	●	●	●	●	Reliable and robust	●	
Bursaria spinosa ssp. spinosa	Sweet Bursaria		■	■	■	C	●	●	●	●		Reliable and robust	●	
Callistemon sieberi	River Bottlebrush		■			L	●	●				Associated with rocky streambeds and streambanks		
Cassinia aculeata	Common Cassinia		■	■	■	O	●	●	●	●		Reliable and robust	●	
Clematis aristata	Mountain Clematis		■	■	■	O	●	●	●			Limited availability		●
Coprosma quadrifida	Prickly Currant-bush		■	■		O	●	●	●	●		Reliable and robust	●	●
Goodenia ovata	Hop Goodenia			■	■	C	●	●	●	●	●	Reliable and robust	●	●
Gynatrix pulchella	Hemp Bush		■	■		O	●	●	●			Reliable and robust and a better performer in sheltered sites with available moisture		
Kunzea ericoides s.l.	Burgan		■	■		O	●	●	●	●	●	Reliable and robust, can dominate sites	●	
Leptospermum continentale	Prickly Tea-tree		■	■	■	C	●	●	●	●	●	Reliable and robust	●	
Leptospermum lanigerum	Woolly Tea-tree	■	■			C	●	●	●			Reliable and robust and a better performer in sheltered sites with available moisture		
Leptospermum scoparium	Manuka		■	■	■	C	●	●	●			Reliable and robust		
Lomatia myricoides	River Lomatia		■	■		O	●	●	●			Limited availability		
Melaleuca ericifolia	Swamp paperbark	■	■			C	●	●	●	●	●	Reliable and robust	●	
Melicytas dentata	Tree Violet		■	■	■	O	●	●	●	●		Reliable and robust	●	
Notelaea ligustrina	Privet Mock-olive			■	■	L	●	●				Reliable and robust		
Olearia lirata	Snow Daisy-bush		■	■	■	C	●	●	●	●	●	Reliable and robust	●	●
Ozothamnus ferrugineus	Tree-Everlasting		■	■	■	C	●	●	●	●	●	Reliable and robust	●	
Pandorea pandorana	Wonga Vine		■	■	■	O	●	●				Limited availability		
Pomaderris aspera	Hazel Pomaderris		■	■		C	●	●	●	●		Reliable and robust	●	●
Pomaderris racemosa	Cluster pomoderris		■	■		L	●	●				Limited availability		
Prostanthera lasianthos ssp. lasianthos	Victorian Christmas-bush		■	■	■	O	●	●	●	●		Reliable and robust	●	●
Rapanea howittiana	Muttonwood		■	■		O	●	●	●	●		Reliable and robust	●	

Key

Planting Zone

1 ■ Bed
2 ■ Lower Bank
3 ■ Upper Bank
4 ■ Verge

Dominance

L Limited
O Occasional
C Common
D Dominant

Vegetation Quality

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Most suitable for replanting

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VEGETATION SPECIES 18STZ

Botanical name	Common name	Planting zone				Dominance	Vegetation Quality					Comments	Most suitable for replanting	EVC Benchmark
		1	2	3	4		5	4	3	2	1			
GRASSES,SEDGES DICOT HERBS and FERNS														
Acaena novae-zelandiae	Bidgee-widgee			■	■	C	●	●	●	●		Reliable with good site preparation	●	●
Acrotriche prostrata	Trailing Ground-berry			■	■	O	●	●				Not usually planted		
Adiantum aethiopicum	Common Maidenhair		■	■		O	●	●				Not usually planted		
Austrocynoglossum latifolium	Forest Hound's-tongue		■	■		C	●	●	●	●		Reliable with good site preparation	●	
Blechnum minus	Soft Water-fern		■	■		O	●	●				Usually not planted		
Blechnum nudum	Fishbone Water-fern		■	■		O	●	●				Usually not planted		●
Blechnum wattsii	Hard Water-fern		■	■		O	●	●				Usually not planted		●
Carex appressa	Tall Sedge		■			C	●	●	●	●		Reliable and robust	●	●
Carex fascicularis	Tassel Sedge		■			C	●	●	●			Reliable and robust		
Carex gaudichaudiana	Fen Sedge		■			L	●	●	●			Reliable with good site preparation		
Cyathea australis	Rough Tree-fern		■	■		L	●	●				Not suited to large scale reveg as plants are sourced from natural environments, not readily propagated and expensive to purchase		●
Cyperus lucidus	Leafy Flat-sedge		■			O	●	●	●	●		Reliable and robust	●	
Dianella tasmanica	Tasman Flax-lily			■	■	C	●	●	●	●		Reliable and robust	●	●
Dichondra repens	Kidney-weed			■	■	C	●	●	●			Reliable with good site preparation		
Dicksonia antarctica	Soft Tree-fern		■			L	●	●				Not suited to large scale reveg as plants are sourced from natural environments, not readily propagated and expensive to purchase		●
Echinopogon ovatus	Common Hedgehog-grass			■	■	L	●	●				Usually not planted		
Gahnia sieberiana	Red-fruit Saw-sedge		■	■		C	●	●	●	●		Reliable and robust	●	●
Galium propinquum	Maori Bedstraw			■	■	O	●	●	●			Usually not planted		
Geranium potentilloides	Cinquefoil Cranesbill			■	■	O	●	●	●			Usually not planted		●
Hydrocotyle hirta	Hairy Pennywort			■	■	O	●	●	●			Usually not planted		●
Isolepis inundata	Swamp Club-sedge	■	■			C	●	●	●			Reliable with good site preparation		●
Juncus amabilis	Hollow Rush	■	■			O	●	●	●	●		Reliable and robust	●	
Juncus effusus	Soft Rush	■	■			O	●	●				Reliable and robust		
Juncus sarophorus	Broom Rush	■	■			O	●	●	●	●		Reliable and robust	●	
Lepidosperma elatius	Tall Sword-sedge		■			O	●	●				Previously not available, recent advances in propagation may see an increase in availability		●
Lepidosperma laterale	Variable Sword-sedge		■	■		C	●	●	●			Previously not available, recent advances in propagation may see an increase in availability		
Leptinella filicula	Mountain Cotula		■			L	●	●				Usually not planted		
Lobelia pedunculata s.l.	Matted Pratia		■			L	●	●				Usually not planted		
Lobelia pratioides	Poison Lobelia		■			O	●	●	●			Reliable and robust in moist location		
Lomandra longifolia ssp. longifolia	Spiny-headed Mat-rush		■	■	■	D	●	●	●	●		Reliable and robust	●	
Lycopus australis	Australian Gipsy-wort		■			O	●	●	●	●		Reliable and robust in moist location	●	
Mentha australis	River Mint		■	■		O	●	●	●			Reliable and robust in moist location		
Microlaena stipoides var. stipoides	Weeping Grass		■	■	■	O	●	●	●			Maintain remnants by controlling grassy weeds		●
Oxalis corniculata s.l.	Yellow Wood-sorrel			■	■	O	●	●				Usually not planted		●
Poa australis spp. agg.	Tussock Grass			■	■	C	●	●	●			Ideally suited to moist shaded sites		●

Key

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Poa ensiformis	Sword Tussock-grass		■	■		C	●	●	●	●		Ideally suited to moist shaded sites	●	
Poa labillardierei var. labillardierei	Common Tussock-grass		■			O	●	●	●	●		Confine location to river terraces where soil moisture levels are higher	●	
Poa tenera	Slender Tussock-grass		■	■		O	●	●				Usually not planted		●
Polystichum proliferum	Mother Shield-fern		■	■		O	●	●				Usually not planted		●
Pteridium esculentum	Common Bracken			■	■	C	●	●	●	●		Not available - may be present via natural regeneration		●
Rubus parvifolius	Small-leaf Bramble		■	■		O	●	●	●	●		Reliable and robust provides good low habitat	●	
Senecio linearifolius	Fireweed Groundsel			■	■	O	●	●	●			Disturbance and post fire coloniser		
Senecio minimus	Shrubby Fireweed			■	■	O	●	●	●	●		Disturbance and post fire coloniser	●	
Stellaria pungens	Prickly Starwort			■	■	O	●	●				Usually not planted but often a significant component of ground flora and competitive after disturbance.		
Tetrarrhena juncea	Forest Wire-grass			■	■	C	●	●	●			Often not planted but reliable dominant post disturbance		●
Urtica incisa	Scrub Nettle		■	■	■	O	●	●	●			Usually not planted but often a significant component of ground flora and competitive after disturbance		
Viola hederacea sensu Willis (1972)	Ivy-leaf Violet		■	■	■	O	●	●				Usually not planted		●
SEMI AQUATIC AND AQUATIC HERBS														
Alisma plantago-aquatica	Water Plantain	■				O	●	●	●			Reliable and robust		
Baumea articulata	Jointed Twig-sedge		■			O	●	●	●	●		Reliable and robust	●	
Baumea rubiginosa sens. lat.	Soft Twig-rush		■			O	●	●	●			Reliable and robust		
Bolboschoenus medianus	Marsh Club-sedge	■	■			O	●	●	●	●		Reliable and robust	●	
Eleocharis acuta	Common Spike-sedge	■				D	●	●	●	●		Reliable and robust	●	
Eleocharis sphacelata	Tall Spike-sedge	■				O	●	●	●	●		Reliable and robust	●	
Myriophyllum crispatum	Upright Water-milfoil	■				O	●	●	●			Reliable and robust		
Persicaria decipens	Slender Knotweed	■	■			C	●	●	●	●		Reliable and robust	●	
Persicaria praetermissa	Spotted Knotweed	■	■			C	●	●	●			Reliable and robust		
Persicaria subsessilis	Hairy Knotweed	■	■			C	●	●	●			Reliable and robust		
Phragmites australis	Common Reed	■				O	●	●	●			Reliable and robust		
Schoenoplectus tabernaemontani	River Club-sedge	■				D	●	●	●	●		Reliable and robust	●	

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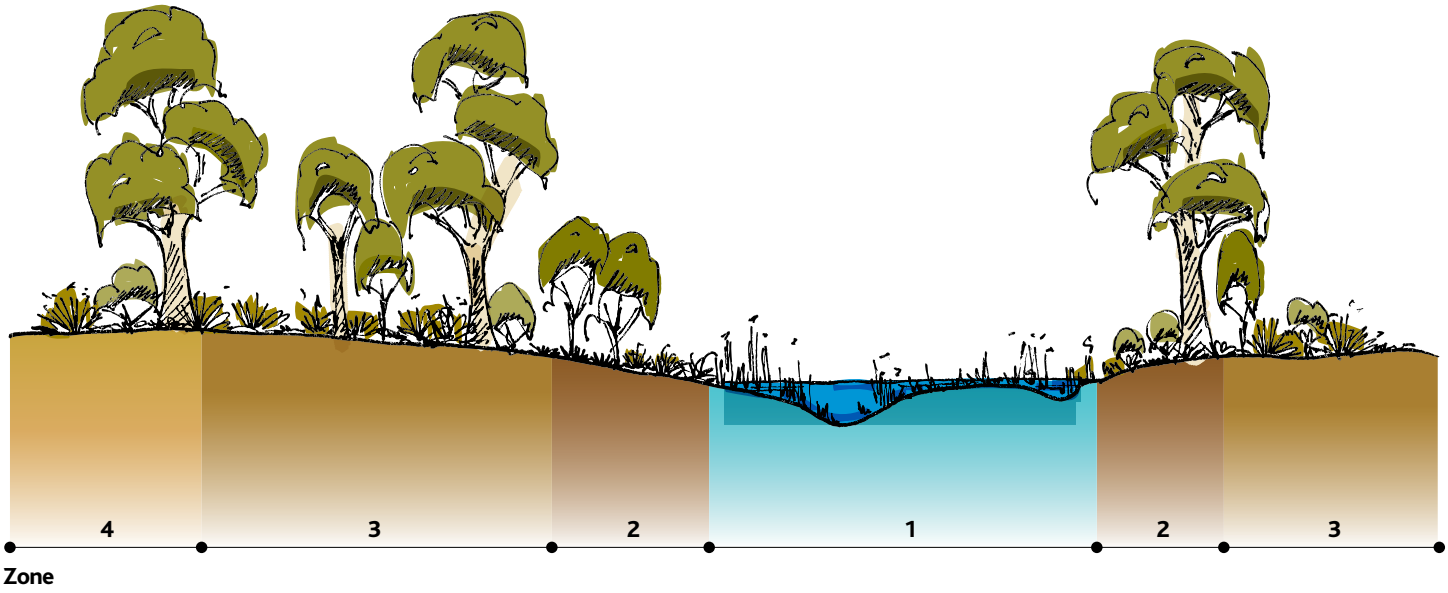
VEGETATION SPECIES

83GIP

EVC 83 SWAMPY RIPARIAN WOODLAND GIPPSLAND PLAIN

Woodland to 15 m tall generally occupying low energy streams of the foothills and plains. The lower strata are variously locally dominated by a range of large and medium shrub species on the stream levees in combination with large tussock grasses and sedges in the ground layer.

Cross Section



VEGETATION SPECIES 83GIP

Botanical name	Common name	Planting zone				Dominance	Vegetation Quality					Comments	Most suitable for replanting	EVC Benchmark
		1	2	3	4		5	4	3	2	1			
TREES														
Acacia dealbata ssp. *dealbata*	Silver Wattle		■	■	■	L	●	●	●			Usually able to regenerate - exclude or only plant in limited numbers		
Acacia mearnsii	Black Wattle		■	■	■	C	●	●	●	●	●	Reliable and robust - use in limited numbers	●	
Acacia melanoxylon	Blackwood			■	■	C	●	●	●	●	●	Reliable and robust	●	●
Eucalyptus cephalocarpa	Silver-leaf Stringybark		■	■	■	O	●	●	●	●		Reliable and robust - check local occurrence	●	
Eucalyptus ovata var. *ovata*	Swamp Gum			■	■	D	●	●	●	●	●	Reliable and robust	●	●
Eucalyptus radiata s.l.	Narrow-leaf Peppermint				■	O	●	●	●	●		Reliable and robust	●	●
Eucalyptus viminalis	Manna Gum			■	■	C	●	●	●	●	●	Reliable and robust	●	
Eucalyptus yarraensis	Yarra Gum			■	■	L	●	●	●	●		Local occurrence on Dandenong Creek	●	
SMALL TREES/LARGE - MEDIUM SHRUBS & VINES														
Acacia verticillata ssp. *verticillata*	Prickly Moses		■	■		O	●	●	●	●		Reliable and robust	●	
Billardiera scandens	Common Apple-berry		■	■		O	●	●	●			Reliable and robust		
Bursaria spinosa ssp. *spinosa*	Sweet Bursaria			■	■	C	●	●	●	●		Reliable and robust	●	●
Cassinia aculeata	Common Cassinia		■	■	■	O	●	●	●	●	●	Reliable and robust	●	
Coprosma quadrifida	Prickly Current-bush		■			O	●	●	●	●		Reliable and robust	●	●
Exocarpos cupressiformis	Cherry Ballart			■	■	O	●	●				Not available for planting		
Goodenia ovata	Hop Goodenia			■	■	C	●	●	●	●	●	Reliable and robust	●	
Gynatrix pulchella	Hemp Bush		■	■	■	O	●	●	●	●		Requires good conditions to establish	●	
Leptospermum continentale	Prickly Tea-tree		■	■	■	C	●	●	●	●	●	Reliable and robust	●	●
Leptospermum lanigerum	Woolly Tea-tree		■			C	●	●	●	●	●	Reliable and robust	●	●
Leptospermum scoparium	Manuka		■	■		C	●	●	●	●		Reliable and robust	●	
Melaleuca ericifolia	Swamp Paperbark		■	■		D	●	●	●	●	●	Reliable and robust	●	●
Melaleuca squarrosa	Scented Paperbark		■			O	●	●	●	●	●	Reliable and robust	●	
Melicytus dentata	Tree Violet		■	■		C	●	●	●	●		Reliable and robust	●	
Olearia lirata	Snow Daisy-bush		■	■		O	●	●	●	●		Reliable and robust	●	
Ozothamnus ferrugineus	Tree Everlasting		■	■		O	●	●	●	●	●	Reliable and robust	●	
Ozothamnus rosmarinifolius	Rosemary Everlasting		■	■		O	●	●				Reliable and robust - increase use if occurs in local area		
Prostanthera lasianthos	Victorian Christmas-bush		■	■		O	●	●	●	●		Requires good conditions to establish	●	
Solanum laciniatum	Large Kangaroo Apple			■	■		●	●	●	●		Coloniser - use on degraded sites in limited numbers	●	
SMALL SHRUBS, GRASSES,SEDGES DICOT HERBS and FERNS														
Acaena novae-zelandiae	Bidgee-widgee		■	■	■	D	●	●	●	●	●	Reliable with good site preparation	●	●
Adiantum aethiopicum	Common Maidenhair		■			O	●	●				Usually not planted		
Austrodanthonia laevis	Smooth Wallaby-grass			■	■	O	●	●	●			Reliable with good site preparation		
Blechnum minus	Soft Water-fern		■			O	●	●				Usually not planted		
Blechnum nudum	Fishbone Water-fern		■			O	●	●				Usually not planted		
Calystegia sepium	Large Bindweed		■			O	●	●	●			Not usually planted		
Carex appressa	Tall Sedge		■			D	●	●	●	●	●	Reliable and robust	●	●

Key

Planting Zone

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Carex gaudichaudiana	Fen Sedge		■			C	●	●	●	●		Reliable with good site preparation	●	
Carex inversa	Knob Sedge			■	■	O	●	●	●			Reliable with good site preparation		
Centella cordifolia	Centella		■	■		O	●	●	●	●		Reliable with good site preparation	●	
Dianella admixta	Black-anther Flax-lily			■	■	O	●	●	●			Reliable with good site preparation		
Dianella laevis	Smooth Flax-lily			■	■	O	●	●	●			Reliable with good site preparation		
Dianella tasmanica	Tasman Flax-lily			■	■	C	●	●	●	●		Reliable and robust	●	
Dichondra repens	Kidneyweed		■	■		C	●	●	●			Reliable with good site preparation		●
Epilobium billardierianum	Variable Willow-herb		■	■		O	●	●	●			Coloniser - Not usually planted		
Gahnia radula	Thatch Saw-sedge		■	■	■	C	●	●				Cannot be propagated in useable quantities		
Gahnia sieberiana	Red-fruit Saw-sedge		■			O	●	●	●			Reliable and robust		
Geranium potentilloides	Cinquefoil Cranesbill		■	■		O	●	●				Not usually planted		
Goodenia humilis	Swamp Goodenia			■	■	C	●	●	●			Reliable with good site preparation		
Gonocarpus tetragynus	Common Raspwort		■	■		O	●	●	●			Reliable but usually not propagated - increase use if in occurs local area		●
Hemarthria uncinata var. *uncinata*	Mat Grass		■	■		O	●	●	●			Reliable and robust		
Hydrocotyle hirta	Hairy Pennywort		■	■		O	●	●				Usually not planted		●
Hydrocotyle sibthorpioides	Shining Pennywort		■	■		O	●	●				Usually not planted		
Juncus gregiflorus	Green Rush		■			O	●	●	●	●		Reliable and robust	●	
Juncus pallidus	Pale Rush		■			C	●	●	●	●	●	Reliable and robust	●	
Juncus pauciflorus	Loose-flower Rush		■			C	●	●	●	●		Reliable and robust	●	
Juncus sarophorus	Broom Rush		■			C	●	●	●	●	●	Reliable and robust	●	
Lepidosperma elatius	Tall Sword-sedge		■			C	●	●	●			Previously not available, recent advances in propagation may see an increase in availability		●
Lepidosperma laterale var. *majus*	Variable Sword-sedge		■			C	●	●	●			Previously not available, recent advances in propagation may see an increase in availability		
Lomandra filiformis	Wattle Mat-rush			■	■	L	●	●	●			Not generally available		●
Lomandra longifolia ssp. *longifolia*	Spiny-headed Mat-rush			■	■	D	●	●	●	●	●	Reliable and robust	●	
Lythrum hyssopifolia	Small Loosestrife			■	■	C	●	●	●	●	●	Coloniser - Not usually planted		
Mentha australis	River Mint		■	■	■	O	●	●	●			Reliable with good site preparation		
Microlaena stipoides	Weeping Grass		■	■	■	O	●	●	●			Maintain remnants by controlling grassy weeds		●
Oxalis exilis	Shady Wood-sorrel		■	■		O	●	●				Usually not planted		
Poa ensiformis	Sword Tussock-grass		■	■	■	D	●	●	●	●	●	Reliable and robust and a better performer in the shade than Poa labillardierei	●	
Poa labillardierei var. *labillardierei*	Common Tussock-grass		■	■	■	C	●	●	●	●	●	Reliable and robust if used in damp area	●	
Pteridium esculentum	Common Bracken		■	■	■	C	●	●	●	●	●	Not available for planting		●
Rubus parvifolius	Small-leaf Bramble			■	■	O	●	●	●			Reliable and robust - provides good low habitat		
Schoenus apogon	Common Bog-sedge			■	■	C	●	●	●			Reliable with good site preparation		
Senecio minimus	Shrubby Fireweed		■	■		O	●	●	●			Disturbance and post fire coloniser		●
Senecio glomeratus	Annual Fireweed		■	■		O	●	●	●	●		Disturbance and post fire coloniser	●	
Themeda triandra	Kangaroo Grass			■	■	C	●	●	●	●		Reliable and robust	●	●
Wahlenbergia gracilis s.l.	Sprawling Bluebell			■	■	O	●	●				Reliable with good site preparation		

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SEMI AQUATIC AND AQUATIC HERBS														
Baumea arthrophylla	Soft Twig-rush	■				**C**	●	●	●			Reliable and robust		
Bolboschoenus medianus	River Club-sedge	■				O	●	●	●	●	●	Reliable and robust - Dormant in winter		
Baumea articulata	Jointed Twig Rush	■				C	●	●	●	●		Reliable and robust		
Carex fascicularis	Tassel Sedge	■				C	●	●	●	●	●	Reliable and robust		
Crassula helmsii	Swamp Crassula	■				C	●	●	●			Reliable and robust		
Cyperus lucidus	Leafy Flat-sedge	■				O	●	●	●	●		Reliable and robust	●	
Eleocharis acuta	Common Spike-rush	■				C	●	●	●	●	●	Reliable and robust		
Eleocharis sphacelata	Tall Spike-sedge	■				C	●	●	●	●		Reliable and robust		
Hydrocotyle sibthorpoiodes	Shining Pennywort	■				C	●	●	●			Reliable with good site preparation		
Isolepsis inundata	Swamp Club-rush	■				C	●	●	●			Reliable with good site preparation		
Juncus procerus	Tall Rush	■				O	●	●	●	●		Reliable and robust	●	
Lycopus australis	Australian Gipsywort	■				O	●	●	●			Reliable with good site preparation		
Myriophyllum crispatum	Upright Water-milfoil	■				O	●	●				Reliable with good site preparation		
Persicaria decipens	Slender Knotweed	■	■			D	●	●	●	●		Reliable and robust		
Persicaria praetermissa	Spotted Knotweed	■	■			C	●	●	●	●		Reliable and robust		
Persicaria subsessilis	Hairy Knotweed	■	■			C	●	●	●	●		Reliable and robust		
Phragmites australis	Common Reed	■				O	●	●	●	●	●	Reliable and robust	●	
Schoenoplectus tabernaemontani	River Club-sedge	■				D	●	●	●	●	●	Reliable and robust		
Triglochin procerum sens. lat.	Upright Water-ribbons	■				O	●	●	●			Reliable and robust - guard from water fowl		
Triglochin striatum	Streaked Arrowgrass	■				C	●	●	●			Reliable with good site preparation		
Villarsia reniformis	Running Marsh-flower			■	■	O	●	●	●			Reliable with good site preparation		

Key

Planting Zone

1 ■ Bed
2 ■ Lower Bank
3 ■ Upper Bank
4 ■ Verge

Dominance

L Limited
O Occasional
C Common
D Dominant

Vegetation Quality

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5 Very high Intact with all structural vegetation elements present and high connectivity

Most suitable for replanting

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EVC Benchmark

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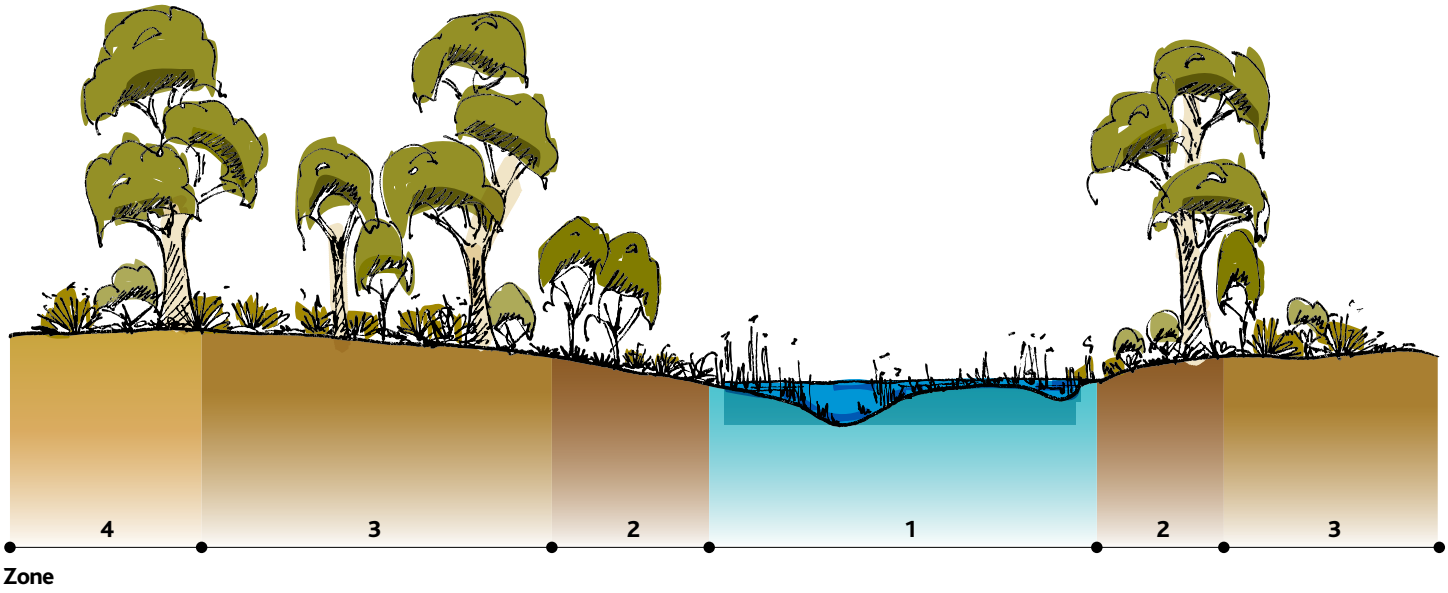
VEGETATION SPECIES

83STZ

EVC 83 SWAMPY RIPARIAN WOODLAND STREZELECKI

Woodland to 15 m tall generally occupying low energy streams of the foothills and plains. The lower strata are variously locally dominated by a range of large and medium shrub species on the stream levees in combination with large tussock grasses and sedges in the ground layer.

Cross Section



VEGETATION SPECIES 83STZ

Botanical name	Common name	Planting zone				Dominance	Vegetation Quality					Comments	Most suitable for replanting	EVC Benchmark
		1	2	3	4		5	4	3	2	1			
TREES														
Acacia dealbata ssp. dealbata	Silver Wattle		■	■	■	L	●	●	●			Usually able to regenerate - exclude or only plant in limited numbers		
Acacia mearnsii	Black Wattle		■	■	■	C	●	●	●	●	●	Reliable and robust - use in limited numbers	●	
Acacia melanoxylon	Blackwood			■	■	C	●	●	●	●	●	Reliable and robust	●	●
Eucalyptus ovata var. ovata	Swamp Gum			■	■	D	●	●	●	●	●	Reliable and robust	●	●
Eucalyptus radiata s.l.	Narrow-leaf Peppermint				■	O	●	●	●	●		Reliable and robust	●	●
Eucalyptus strezelekii	Strzelecki Gum			■	■	O	●	●	●	●	●	Reliable and robust - check local occurrence	●	
Eucalyptus viminalis	Manna Gum			■	■	C	●	●	●	●	●	Reliable and robust	●	
SMALL TREES, LARGE - MEDIUM SHRUBS & VINES														
Acacia verticillata ssp. verticillata	Prickly Moses		■	■		O	●	●	●	●		Reliable and robust	●	
Billardiera scandens	Common Apple-berry		■	■		O	●	●	●			Reliable and robust		
Bursaria spinosa ssp. spinosa	Sweet Bursaria			■	■	C	●	●	●	●		Reliable and robust	●	
Cassinia aculeata	Common Cassinia		■	■	■	O	●	●	●	●	●	Reliable and robust	●	
Coprosma quadrifida	Prickly Current-bush		■			O	●	●	●	●		Reliable and robust	●	●
Exocarpos cupressiformis	Cherry Ballart			■	■	O	●	●				Not available for planting		
Goodenia ovata	Hop Goodenia			■	■	C	●	●	●	●	●	Reliable and robust	●	
Gynatrix pulchella	Hemp Bush		■	■	■	O	●	●	●	●		Requires good conditions to establish	●	
Leptospermum continentale	Prickly Tea-tree		■	■	■	C	●	●	●	●	●	Reliable and robust	●	●
Leptospermum lanigerum	Woolly Tea-tree		■			C	●	●	●	●	●	Reliable and robust	●	●
Leptospermum scoparium	Manuka		■	■		C	●	●	●	●		Reliable and robust	●	
Melaleuca ericifolia	Swamp Paperbark		■	■		D	●	●	●	●	●	Reliable and robust	●	●
Melaleuca squarrosa	Scented Paperbark		■			O	●	●	●	●	●	Reliable and robust	●	
Melicytus dentata	Tree Violet		■	■		C	●	●	●	●		Reliable and robust	●	
Mentha australis	River Mint		■	■	■	O	●	●	●	●		Reliable and robust	●	
Olearia lirata	Snow Daisy-bush		■	■		O	●	●	●	●		Reliable and robust	●	
Ozothamnus ferrugineus	Tree Everlasting		■	■		O	●	●	●	●	●	Reliable and robust	●	
Ozothamnus rosmarinifolius	Rosemary Everlasting		■	■		O	●	●				Reliable and robust - increase use if occurs in local area		
Prostanthera lasianthos	Victorian Christmas-bush		■	■		O	●	●	●	●		Requires good conditions to establish	●	
Solanum laciniatum	Large Kangaroo Apple			■	■		●	●	●	●		Coloniser - use on degraded sites in limited numbers	●	
SMALL SHRUBS, GRASSES, SEDGES DICOT HERBS and FERNS														
Acaena novae-zelandiae	Bidgee-widgee		■	■	■	D	●	●	●	●	●	Reliable with good site preparation	●	●
Adiantum aethiopicum	Common Maidenhair		■			O	●	●				Usually not planted		
Austrodanthonia laevis	Smooth Wallaby-grass			■	■	O	●	●	●			Reliable with good site preparation		
Blechnum minus	Soft Water-fern		■			O	●	●				Usually not planted		
Blechnum nudum	Fishbone Water-fern		■			O	●	●				Usually not planted		
Calystegia sepium	Large Bindweed		■			O	●	●	●			Not usually planted		
Carex appressa	Tall Sedge		■			D	●	●	●	●	●	Reliable and robust	●	●

Key

Planting Zone

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VEGETATION SPECIES 83STZ

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		1	2	3	4		5	4	3	2	1			
Carex gaudichaudiana	Fen Sedge		■			C	●	●	●			Reliable with good site preparation		
Carex inversa	Knob Sedge			■	■	O	●	●	●			Reliable with good site preparation		
Centella cordifolia	Centella		■	■		O	●	●	●	●		Reliable with good site preparation	●	
Dianella admixta	Black-anther Flax-lily			■	■	O	●	●	●			Reliable with good site preparation		
Dianella laevis	Smooth Flax-lily			■	■	O	●	●	●			Reliable with good site preparation		
Dianella tasmanica	Tasman Flax-lily			■	■	C	●	●	●			Reliable and robust		
Dichondra repens	Kidneyweed		■	■		C	●	●	●			Reliable with good site preparation		●
Epilobium billardierianum	Variable Willow-herb		■	■		O	●	●	●			Coloniser - Not usually planted		
Gahnia radula	Thatch Saw-sedge		■	■	■	C	●	●				Cannot be propagated in useable quantities		
Gahnia sieberiana	Red-fruit Saw-sedge		■			O	●	●	●			Reliable and robust		
Geranium potentilloides	Cinquefoil Cranesbill		■	■		O	●	●				Not usually planted		
Goodenia humilis	Swamp Goodenia			■	■	C	●	●	●			Reliable with good site preparation		
Gonocarpus tetragynus	Common Raspwort		■	■		O	●	●	●			Reliable but usually not propagated - increase use if in occurs local area		●
Hemarthria uncinata var. uncinata	Mat Grass		■	■		O	●	●	●			Reliable and robust		
Hydrocotyle hirta	Hairy Pennywort		■	■		O	●	●				Usually not planted		●
Hydrocotyle sibthorpioides	Shining Pennywort		■	■		O	●	●				Usually not planted		
Juncus gregiflorus	Green Rush		■			O	●	●	●	●		Reliable and robust	●	
Juncus pallidus	Pale Rush	■	■			C	●	●	●	●	●	Reliable and robust	●	
Juncus pauciflorus	Loose-flower Rush	■	■			C	●	●	●	●		Reliable and robust	●	
Juncus sarophorus	Broom Rush	■	■			C	●	●	●	●	●	Reliable and robust	●	
Lepidosperma elatius	Tall Sword-sedge		■			O	●	●	●			Previously not available, recent advances in propagation may see an increase in availability		●
Lepidosperma laterale var. majus	Variable Sword-sedge		■			O	●	●				Previously not available, recent advances in propagation may see an increase in availability		
Lomandra filiformis	Wattle Mat-rush			■	■	L	●	●	●			Not generally available		●
Lomandra longifolia ssp. longifolia	Spiny-headed Mat-rush			■	■	D	●	●	●	●	●	Reliable and robust	●	
Lythrum hyssopifolia	Small Loosestrife			■	■	C	●	●	●	●	●	Coloniser - Not usually planted	●	
Microlaena stipoides var. stipoides	Weeping Grass		■	■	■	O	●	●	●	●		Maintain remnants by controlling grassy weeds	●	●
Oxalis exilis	Shady Wood-sorrel		■	■		O	●	●				Usually not planted		
Poa ensiformis	Sword Tussock-grass		■	■	■	D	●	●	●	●	●	Reliable and robust and a better performer in the shade than Poa labillardierei	●	
Poa labillardierei var. labillardierei	Common Tussock-grass		■	■	■	C	●	●	●	●	●	Reliable and robust if used in damp area	●	
Pteridium esculentum	Austral Bracken			■	■	C	●	●	●	●	●	Not available - may be present via natural regeneration		●
Rubus parvifolius	Small-leaf Bramble			■	■	O	●	●	●			Reliable and robust - provides good low habitat		
Schoenus apogon	Common Bog-sedge			■	■	C	●	●	●			Reliable with good site preparation		
Senecio minimus	Shrubby Fireweed		■	■		O	●	●	●			Disturbance and post fire coloniser		●
Senecio biserratus	Jagged Fireweed		■	■		O	●	●	●			Disturbance and post fire coloniser		
Senecio glomeratus	Annual Fireweed		■	■		O	●	●	●	●		Disturbance and post fire coloniser	●	
Themeda triandra	Kangaroo Grass			■	■	C	●	●	●			Reliable and robust		●
Wahlenbergia gracilis s.l.	Sprawling Bluebell		■	■	■	O	●	●				Reliable with good site preparation		

Key

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SEMI AQUATIC AND AQUATIC HERBS														
Baumea arthrophylla	Soft Twig-rush	■				C	●	●				Reliable and robust		
Bolboschoenus medianus	River Club-sedge	■				O	●	●	●	●	●	Reliable and robust - dormant in Winter	●	
Baumea articulata	Jointed Twig-rush	■				C	●	●	●	●		Reliable and robust	●	
Carex fascicularis	Tassel Sedge	■				C	●	●	●	●	●	Reliable and robust	●	
Crassula helmsii	Swamp Crassula	■				C	●	●	●			Reliable and robust		
Cyperus lucidus	Leafy Flat-sedge	■				O	●	●	●	●		Reliable and robust	●	●
Eleocharis acuta	Common Spike-rush	■				C	●	●	●	●	●	Reliable and robust	●	
Eleocharis sphacelata	Tall Spike-sedge	■				C	●	●	●			Reliable and robust		
Hydrocotyle sibthorpoiodes	Shining Pennywort	■				C	●	●	●			Reliable with good site preparation		
Isolepsis inundata	Swamp Club-rush	■				C	●	●	●			Reliable with good site preparation		
Juncus procerus	Tall Rush	■				O	●	●	●	●		Reliable and robust	●	●
Lycopus australis	Australian Gipsywort	■				O	●	●	●			Reliable with good site preparation		
Myriophyllum crispatum	Upright Water-milfoil	■				O	●	●				Reliable with good site preparation		
Persicaria decipens	Slender Knotweed	■	■			D	●	●	●	●		Reliable and robust	●	
Persicaria praetermissa	Spotted Knotweed	■	■			C	●	●	●	●		Reliable and robust	●	
Persicaria subsessilis	Hairy Knotweed	■	■			C	●	●	●	●		Reliable and robust	●	
Phragmites australis	Common Reed	■				O				●	●	Reliable and robust	●	
Schoenoplectus tabernaemontani	River Club-sedge	■				C	●	●	●	●	●	Reliable and robust	●	
Triglochin procerum sens. lat.	Upright Water-ribbons	■				O	●	●	●			Reliable and robust - guard from water fowl		
Triglochin striatum	Streaked Arrowgrass	■				C	●	●	●			Reliable with good site preparation		
Villarsia reniformis	Running Marsh-flower			■	■	O	●	●	●			Reliable with good site preparation		

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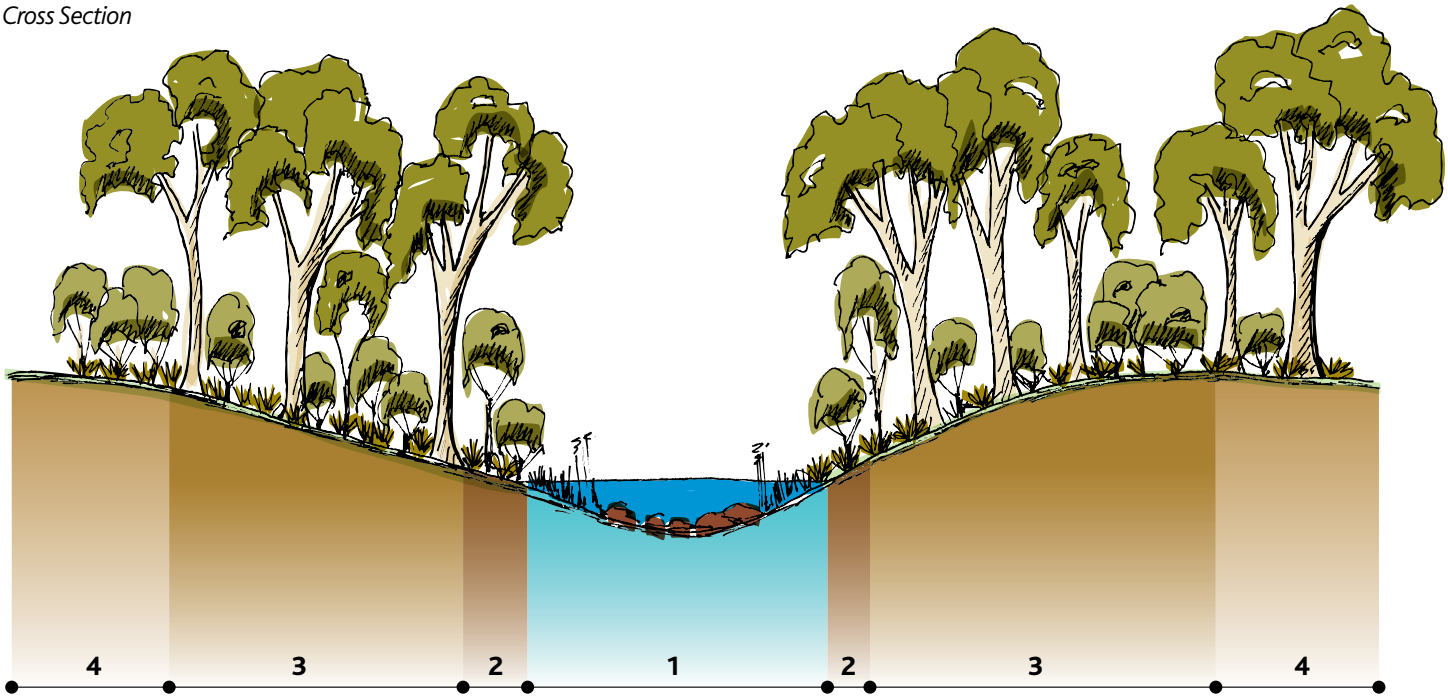
VEGETATION SPECIES

23CVU

EVC 23 HERB-RICH FOOTHILL FOREST CENTRAL VICTORIAN UPLANDS

Occurs on relatively fertile, moderately well-drained soils on an extremely wide range of geological types and in areas of moderate to high rainfall. Occupies easterly and southerly aspects mainly on lower slopes and in gullies. A medium to tall open forest or woodland to 25m tall with a small tree layer over a sparse to dense shrub layer. A high cover and diversity of herbs and grasses in the ground layer characterise this EVC.

Cross Section



Zone

VEGETATION SPECIES 23CVU

Botanical name	Common name	Planting zone				Dominance	Vegetation Quality					Comments	Most suitable for replanting	EVC Benchmark
		1	2	3	4		5	4	3	2	1			
TREES														
Eucalyptus globulus ssp. bicostata	Eurabbie				■	L	●	●	●	●	●	Reliable and robust	●	●
Eucalyptus obliqua	Messmate Stringybark				■	D	●	●	●	●	●	Reliable and robust	●	●
Eucalyptus dives	Broad-leaved Peppermint				■	O	●	●	●	●	●	Reliable and robust	●	●
Eucalyptus radiata s.l.	Narrow leaf Peppermint			■	■	C	●	●	●	●	●	Reliable and robust	●	
Eucalyptus cypellocarpa	Mountain Grey-gum			■	■	O	●	●	●	●	●	Reliable and robust	●	
SMALL TREES/LARGE - MEDIUM SHRUBS & VINES														
Acacia dealbata	Silver Wattle		■	■	■	L	●	●	●			Relaible and robust. May require maintenance if planted in erosion prone areas		●
Acacia melanoxylon	Blackwood		■	■		D	●	●	●	●	●	Reliable and robust	●	
Acacia stricta	Hop Wattle				■	O	●	●				Difficult to propagate		
Acrotriche prostrata	Trailing Ground-berry				■	C	●	●				Can be slow to establish.		
Banksia marginata	Silver Banksia			■	■	O	●	●	●	●		Reliable and robust	●	
Billardiera scandens var. scandens	Common Apple-berry			■	■	O	●	●	●	●		Use only in high quality revegetation	●	●
Cassinia aculeata	Common Cassinia			■	■	C	●	●	●	●	●	Reliable and robust	●	
Clematis aristata	Mountain Clematis			■	■	C	●	●	●	●		Use only in high quality revegetation	●	●
Coprosma quadrifida	Prickly Currant-bush			■	■	C	●	●	●	●	●	Reliable and robust	●	
Epacris impressa	Common Heath			■	■	C	●	●	●			Difficult to propagate		
Glycine clandestina	Twining Glycine				■	O	●	●	●	●		Can be difficult to establish	●	●
Hardenbergia violacea	Purple Coral-pea				■	O	●	●	●	●		Use only in high quality revegetation	●	●
Leptospermum continentale	Prickly Tea-tree			■	■	O	●	●	●	●	●	Reliable and robust	●	
Olearia phlogopappa	Dusty Daisy-bush				■	C	●	●	●					
GRASSES,SEDGES DICOT HERBS and FERNS														
Acaena novae-zelandiae	Bidgee-widgee		■	■		O	●	●	●	●	●	Useful for weed suppression with adequate site preparation	●	●
Acrotriche prostrata	Trailing Ground-berry				■	O	●	●				Difficult to propagate		●
Adiantum aethiopicum	Common Maidenhair		■	■		O	●	●	●			Difficult to propagate		
Asplenium flabellifolium	Necklace Fern				■	L	●					Difficult to propagate		●
Austrodanthonia pilosa	Velvet Wallaby-grass				■	L	●							●
Dianella tasmanica	Tasman Flax-lily		■	■	■	C	●	●	●	●	●	Reliable, robust and easily propagated	●	
Dichondra repens	Kidney-weed		■	■	■	D	●	●	●	●		Can be difficult to establish due to diminutive size	●	●
Echinopogon ovatus	Common Hedgehog-grass				■	L	●							●
Gahnia radula	Thatch Saw-sedge			■	■	L	●	●				Difficult to propagate		
Gahnia sieberiana	Red-fruit Saw-sedge			■	■	C	●	●	●	●	●	Reliable and robust	●	
Galium propinquum	Maori Bedstraw				■	D	●	●				Can be difficult to establish due to diminutive size		
Gonocarpus tetragynus	Common Raspwort				■	C	●	●	●			Can be difficult to establish due to diminutive size		
Hovea heterophylla	Common Hovea		■	■	■	O	●	●	●			Can be difficult to establish due to diminutive size		●
Hydrocotyle laxiflora	Stinking Pennywort		■	■	■	O	●	●				Can be difficult to establish due to diminutive size		●
Hypericum gramineum	Small St John's Wort				■	O	●	●				Can be difficult to establish due to diminutive size		

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Lomandra filiformis ssp. coriacea	Wattle Mat-rush				■	C	●	●	●					●
Lomandra longifolia ssp. longifolia	Spiny-headed Mat-rush			■	■	D	●	●	●	●	●	Reliable, robust and easily propagated	●	●
Luzula meridionalis var. flaccida	Common Woodrush				■	O	●	●						●
Microlaena stipoides var. stipoides	Weeping Grass			■	■	C	●	●	●	●	●	Can be useful for initial site colonisation. Manage remnants with appropriate weed control	●	●
Olearia megalophylla	Large-leaf Daisy-bush				■	O	●	●						
Pimelea humilis	Common Rice-flower				■	O	●	●				Difficult to propagate on large scale.		
Poa ensiformis	Sword Tussock-grass			■	■	C	●	●	●	●	●	Prefers moist shaded terraces	●	●
Poa tenera	Slender Tussock-grass				■	O	●	●						●
Pteridium esculentum	Austral Bracken		■	■	■	O	●	●	●			Difficult to propagate		●
Senecio minimus	Shrubby Fireweed			■	■	D	●	●	●					●
Senecio quadridentatus	Cotton Fireweed			■	■	C	●	●	●	●		Can be useful for initial site colonisation	●	●
Senecio tenuiflorus	Slender Fireweed			■	■	C	●	●	●					●
Stellaria pungens	Prickly Starwort			■	■	C	●	●				Can be difficult to establish due to diminutive size		●
Stylidium graminifolium s.l.	Grass Trigger-plant			■	■	O	●	●	●	●		Difficult to establish a self perpetuating colony	●	
Themeda triandra	Kangaroo Grass			■	■	C	●	●	●	●	●	Requires burning or heavy disturbance for regeneration	●	
Veronica calycina	Hairy Speedwell			■	■	C	●	●				Can be difficult to establish due to diminutive size		
Viola hederacea sensu Willis (1972)	Ivy-leaf Violet			■	■	C	●	●	●			Can be difficult to establish due to diminutive size		●
Wahlenbergia gracilis s.l.	Sprawling Bluebell			■	■	O	●	●	●			Easy to grow and establish, but small size. Can spread easily by seed.		
Wahlenbergia stricta	Tall Bluebell			■	■	O	●	●	●	●		Use only in high quality revegetation	●	●

Key

Planting Zone

1 Bed
2 Lower Bank
3 Upper Bank
4 Verge

Dominance

L Limited
O Occasional
C Common
D Dominant

Vegetation Quality

These columns show the species expected to be present in areas of vegetation at five different quality levels.

1 Very low — Highly degraded with limited social and amenity values
2 Low — Highly modified, fragmented and meets social and amenity requirements
3 Medium — Fragmented remnants
4 High — Relatively intact, structural vegetation elements present with high connectivity
5 Very high — Intact with all structural vegetation elements present and high connectivity

Most suitable for replanting

Plants listed in this column are species which are readily cultivated in nurseries with indigenous plant propagation skills, reliable in revegetation with an expected survival rate of 95% or greater three years post planting – assumes that a high quality plant was supplied (refer to plant standard) and that weed management and planting is undertaken with appropriate skill and diligence.

EVC Benchmark

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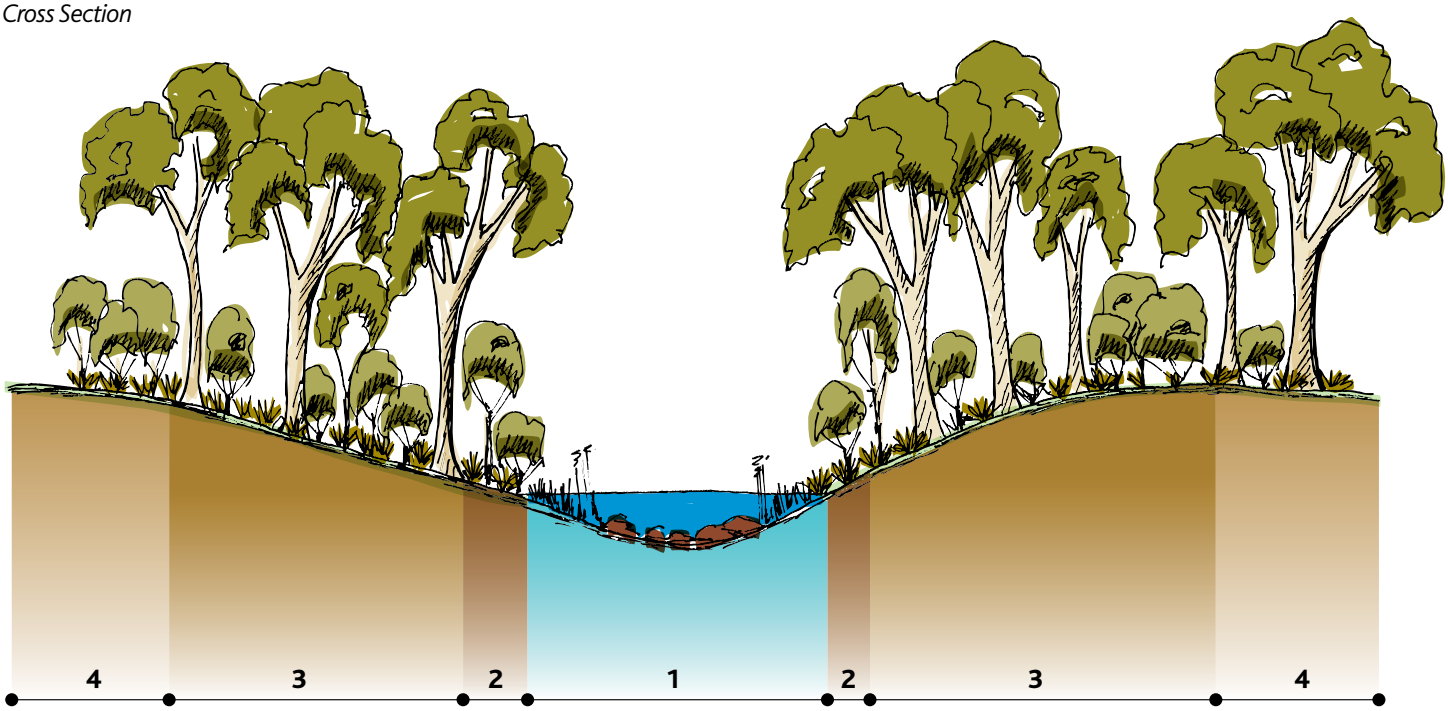
VEGETATION SPECIES

18HSF

EVC 18 RIPARIAN FOREST HIGHLANDS SOUTHERN FALL

A tall forest along river banks and associated alluvial terraces with occasional occurrences in the heads of gullies leading into creeks and rivers. The soil is fertile alluvium, regularly inundated and permanently moist. Dominated by tall eucalypts to 30 m tall, but also has an open to sparse secondary tree layer of wattles and scattered dense patches of shrubs, ferns, grasses and herbs.

Cross Section



VEGETATION SPECIES 18HSF

Botanical name	Common name	Planting zone				Dominance	Vegetation Quality					Comments	Most suitable for replanting	EVC Benchmark
		1	2	3	4		5	4	3	2	1			
TREES														
Eucalyptus melliodora	Yellow Box				■	L	●	●	●			Occasionally in western edge of EVC 18 HSF. A robust species more common in Arthurs, Diamond, Plenty and occasional Pauls, Dixons and Steeles Creek		
Eucalyptus obliqua	Messmate		■	■	■	O	●	●	●	●		Reliable and robust	●	●
Eucalyptus ovata var. *ovata*	Swamp Gum	■	■			O	●	●	●	●		Reliable and robust	●	
Eucalyptus radiata ssp. *radiata*	Narrow-leaf Peppermint			■	■	O	●	●	●	●		Reliable and robust	●	
Eucalyptus rubida	Candlebark				■	L	●	●	●			Reliable and robust, limited occurrences on the western edge of the bioregion and this EVC		
Eucalyptus viminalis ssp. *viminalis*	Manna Gum		■	■	■	D	●	●	●	●	●	The most reliable and dominant overstorey species in this EVC	●	●
SMALL TREES/LARGE - MEDIUM SHRUBS & VINES														
Acacia dealbata ssp. *dealbata*	Silver Wattle				■	D	●	●	●	●	●	Reliable and robust	●	●
Acacia melanoxylon	Blackwood		■	■	■	D	●	●	●	●	●	Reliable and robust	●	●
Acacia verticillata ssp. *verticillata*	Pricky Moses			■	■	C	●	●	●	●		Reliable and robust	●	
Bedfordia arborescens	Blanket-leaf		■	■	■	C	●	●	●			Reliable but requires moist cool conditions		
Bursaria spinosa ssp. *spinosa*	Sweet Bursaria		■	■	■	C	●	●	●	●	●	Reliable and robust	●	
Callistemon sieberi	River Bottlebrush		■			L	●	●	●	●	●	Often associated with rock bars and bank attached bars.	●	
Cassinia aculeata	Common Cassinia		■	■	■	O	●	●	●	●	●	Reliable and robust	●	
Clematis aristata	Australian Clematis		■	■	■	C	●	●	●			Limited availability		●
Coprosma quadrifida	Prickly Currant-bush		■	■		D	●	●	●	●	●	Reliable and robust	●	●
Goodenia ovata	Hop Goodenia			■	■	D	●	●	●	●	●	Reliable and robust	●	●
Gynatrix pulchella	Hemp Bush		■	■		O	●	●	●	●	●	Reliable and robust and a better performer in sheltered sites with available moisture	●	
Kunzea ericoides s.l.	Burgan		■	■		O	●	●	●	●	●	Reliable and robust	●	
Leptospermum continentale	Prickly Tea-tree		■	■	■	O	●	●	●	●		Reliable and robust	●	
Leptospermum grandifolium	Mountain Tea-tree	■	■			L	●	●		●		Becoming co-domiante and eventually more common than *L. lanigerum* on Yarra River upstream of Warrandyte	●	
Leptospermum lanigerum	Woolly Tea-tree	■	■			O	●	●	●	●	●	Reliable and robust and a better performer in sheltered sites with available moisture	●	
Leptospermum scoparium	Manuka		■	■	■	L	●	●				More likely in upper Yarra and Woori Yallock catchment		
Lomatia myricoides	River Lomatia		■	■		O	●	●	●			Reliable and robust. Availability can be limited		
Melaleuca ericifolia	Swamp paperbark	■	■			O	●	●	●	●		Scattered on alluvial accumulations	●	
Melicytas dentata	Tree Violet		■	■	■	C	●	●	●	●	●	Reliable and robust	●	
Olearia argophylla	Musk Daisy-bush		■	■	■	O	●	●	●			Reliable and robust in a sheltered site but not as easily propagated as many other species		
Olearia lirata	Snow Daisy-bush		■	■	■	C	●	●	●	●	●	Reliable and robust	●	●
Ozothamnus ferrugineus	Tree-Everlasting		■	■	■	O	●	●	●	●		Reliable and robust	●	
Pandorea pandorana	Wonga Vine		■	■	■	O	●	●				Limited availability		
Polyscias sambucifolia subsp. 1	Broad-leaf Panax		■	■	■	O	●	●	●			Not available in large numbers, common recoloniser after fire		
Pomaderris aspera	Hazel Pomaderris		■	■		D	●	●	●	●	●	Reliable and robust	●	●
Pomaderris racemosa	Cluster pomoderris		■	■	■	L	●	●	●			Occasional in Warrandyte Gorge area influenced by presence on adjacent escarpment		
Prostanthera lasianthos ssp. *lasianthos*	Victorian Christmas-bush		■	■	■	D	●	●	●	●		Reliable and robust	●	●
Rapanea howittiana	Muttonwood		■	■		O	●	●	●	●	●	Reliable and robust once established availability can be limited	●	

Key

Planting Zone

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Most suitable for replanting

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VEGETATION SPECIES 18HSF

Botanical name	Common name	Planting zone				Dominance	Vegetation Quality					Comments	Most suitable for replanting	EVC Benchmark
		1	2	3	4		5	4	3	2	1			
SMALL SHRUBS, GRASSES,SEDGES DICOT HERBS and FERNS														
Acaena novae-zelandiae	Bidgee-widgee		■	■	■	D	●	●	●	●		Reliable and robust	●	●
Acrotriche prostrata	Trailing Ground-berry		■	■	■	O	●	●				Propagation very limited, can be difficult to establish		
Adiantum aethiopicum	Common Maidenhair		■	■		O	●	●				Usually not planted		
Austrocynoglossum latifolium	Forest Hound's-tongue		■	■	■	C	●	●	●			Can respond vigorously after disturbance or weed control of scramblers e.g. Blackberry		
Baumea articulata	Jointed Twig-sedge		■			L	●	●				Can establish if appropriate niche is located		
Blechnum minus	Soft Water-fern		■	■	■	L	●	●				Usually not planted		
Blechnum nudum	Fishbone Water-fern		■	■	■	L	●	●				Usually not planted		●
Blechnum wattsii	Hard Water-fern		■	■	■	L	●	●				Usually not planted		●
Carex appressa	Tall Sedge		■	■	■	D	●	●	●	●		Reliable and robust	●	●
Carex fascicularis	Tassel Sedge		■			O	●	●	●			Reliable and robust		
Carex gaudichaudiana	Fen Sedge		■	■	■	O	●	●	●	●		Can establish if appropriate niche is located	●	
Cyathea australis	Rough Tree-fern		■	■	■	D	●	●				Not suited to large scale reveg as plants are sourced from natural environments, not readily propagated and expensive to purchase		●
Cyperus lucidus	Leafy Flat-sedge		■			O	●	●	●			Can establish if appropriate niche is located		
Dianella tasmanica	Tasman Flax-lily		■	■	■	C	●	●	●	●		Reliable and robust	●	●
Dichondra repens	Kidney-weed		■	■	■	C	●	●	●			Usually not planted		
Dicksonia antarctica	Soft Tree-fern		■	■	■	C	●	●				Not suited to large scale reveg as plants are sourced from natural environments, not readily propagated and expensive to purchase		
Echinopogon ovatus	Common Hedgehog-grass		■	■	■	L	●	●				Usually not planted		
Gahnia sieberiana	Red-fruit Saw-sedge		■	■		C	●	●	●	●		Reliable and robust	●	●
Galium propinquum	Maori Bedstraw		■	■	■	L	●	●				Usually not planted		
Geranium potentilloides	Cinquefoil Cranesbill		■	■		C	●	●	●			Usually not planted		●
Hydrocotyle hirta	Hairy Pennywort		■	■	■	D	●	●				Usually not planted		●
Isolepis inundata	Swamp Club-sedge	■	■			O	●	●	●			Usually not planted		●
Juncus amabilis	Hollow Rush	■	■			O	●	●	●			Reliable and robust		
Juncus sarophorus	Broom Rush	■	■			O	●	●	●			Reliable and robust		
Juncus vaginatus	Clustered Rush	■	■			O	●	●				Reliable and robust		
Lepidosperma elatius	Tall Sword-sedge		■			D	●	●				Previously not available, recent advances in propagation may see an increase in availability		●
Lepidosperma laterale	Variable Sword-sedge		■	■		O	●					Previously not available, recent advances in propagation may see an increase in availability		
Lomandra longifolia ssp. *longifolia*	Spiny-headed Mat-rush		■	■	■	D	●	●	●	●	●	Reliable and robust	●	
Lycopus australis	Australian Gipsy-wort		■			O	●	●	●	●	●	Reliable and robust in moist location	●	
Mentha australis	River Mint		■	■		O	●	●	●	●		Reliable and robust in moist location	●	
Microlaena stipoides var. *stipoides*	Weeping Grass		■	■	■	O	●	●	●			Useful for initial site colonisation but may be mistaken for pasture grass during maintenance		●
Oxalis corniculata s.l.	Yellow Wood-sorrel		■	■		O	●	●				Generally not propagated		●
Poa ensiformis	Sword Tussock-grass		■	■		D	●	●	●	●	●	Ideally suited to moist shaded sites	●	
Poa labillardierei var. *labillardierei*	Common Tussock-grass		■	■	■	O	●	●	●	●	●	Confine location to river terraces where soil moisture levels are higher	●	

Key

Planting Zone

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VEGETATION SPECIES 18HSF

Botanical name	Common name	Planting zone				Dominance	Vegetation Quality					Comments	Most suitable for replanting	EVC Benchmark
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Poa tenera	Slender Tussock-grass		■	■	■	C	●	●				Propagation very limited can be difficult to establish		●
Polystichum proliferum	Mother Shield-fern		■	■	■	D	●	●				Easy to propagate but limited availability		●
Pteridium esculentum	Common Bracken			■	■	D	●	●	●			Difficult to establish and very difficult to propagate but an important and robust species that should be further utilised in the future if propogation can be efficiently achieved.		●
Rubus parvifolius	Small-leaf Bramble		■	■		O	●	●	●			Can establish if appropriate niche is located	●	
Senecio linearifolius	Fireweed Groundsel		■	■	■	O	●	●				Common coloniser particular after disturbance		
Senecio minimus	Shrubby Fireweed		■	■	■	O	●	●				Common coloniser particular after disturbance		
Sigesbeckia orientalis	Indian Weed		■	■	■	C	●	●	●			Common coloniser particular after disturbance		
Solanum prinophyllum	Forest Nightshade		■	■	■	O	●	●				Can not be propagated in quantities suitable for large scale replanting		
Stellaria pungens	Prickly Starwort		■	■	■	O	●	●				Can not be propagated in quantities suitable for large scale replanting		
Tetrarrhena juncea	Forest Wire-grass		■	■	■	D	●	●	●			Difficult to establish and very difficult to propagate but an important and robust species that should be further utilised in the future.		●
Urtica incisa	Scrub Nettle		■	■	■	C	●	●	●			Common coloniser particular after disturbance		
Viola hederacea sensu Willis (1972)	Ivy-leaf Violet		■	■	■	D	●	●				Generally not propagated		●
SEMI AQUATIC AND AQUATIC HERBS														
Alisma plantago-aquatica	Water Plantain	■				O	●	●	●			Can establish if appropriate niche is located		
Bolboschoenus fluviatilis	Tall Club-sedge	■	■			L	●	●				Restricted to Yarra Catchment		
Bolboschoenus medianus	Marsh Club-sedge	■	■			L	●	●	●	●	●	Reliable and robust	●	
Eleocharis acuta	Common Spike-sedge	■				O	●	●	●	●	●	Reliable and robust	●	
Eleocharis sphacelata	Tall Spike-sedge	■				L	●	●	●	●	●	Reliable and robust	●	
Myriophyllum crispatum	Upright Water-milfoil	■				L	●	●				Can establish if appropriate niche is located		
Persicaria decipens	Slender Knotweed	■	■			C	●	●	●	●	●	Reliable and robust	●	
Persicaria praetermissa	Spotted Knotweed	■	■			L	●	●				Can establish if appropriate niche is located		
Persicaria subsessilis	Hairy Knotweed	■	■			O	●	●	●			Can establish if appropriate niche is located		
Phragmites australis	Common Reed	■				D	●	●	●	●	●	Reliable and robust	●	
Schoenoplectus tabernaemontani	River Club-sedge	■				D	●	●	●	●	●	Reliable and robust	●	

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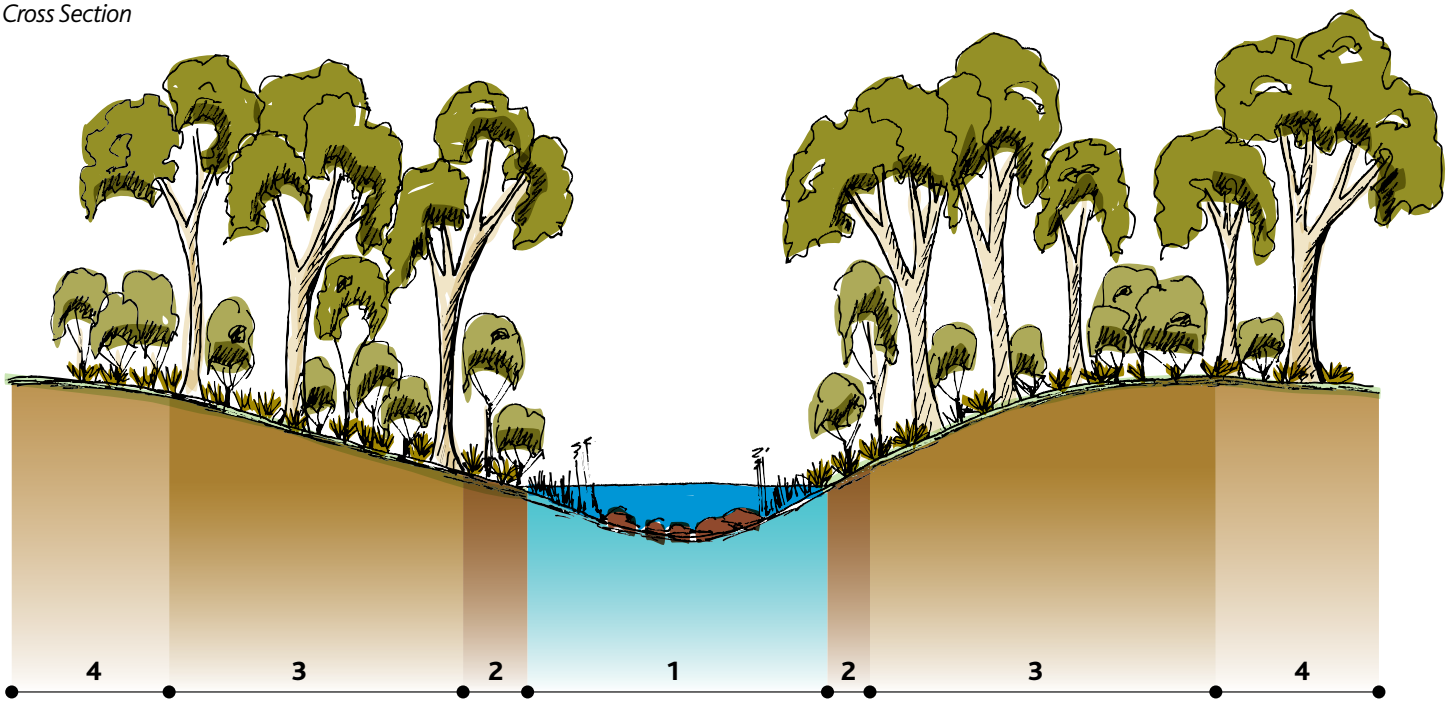
VEGETATION SPECIES

23HSF

EVC 23 HERB-RICH FOOTHILL FOREST HIGHLANDS SOUTHERN FALL

Occurs on relatively fertile, moderately well-drained soils on an extremely wide range of geological types and in areas of moderate to high rainfall. Occupies easterly and southerly aspects mainly on lower slopes and in gullies. A medium to tall open forest or woodland to 25m tall with a small tree layer over a sparse to dense shrub layer. A high cover and diversity of herbs and grasses in the ground layer characterise this EVC.

Cross Section



VEGETATION SPECIES 23HSF

Botanical name	Common name	Planting zone				Dominance	Vegetation Quality					Comments	Most suitable for replanting	EVC Benchmark
		1	2	3	4		5	4	3	2	1			
TREES														
Eucalyptus globulus ssp. *bicostata*	Eurabbie		■	■	■	L	●	●				Reliable and robust but restricted distribution		
Eucalyptus obliqua	Messmate Stringybark		■	■	■	D	●	●	●	●	●	Reliable and robust	●	●
Eucalyptus dives	Broad-leaved Peppermint		■	■	■	O	●	●	●			Reliable and robust but restricted distribution		
Eucalyptus radiata s.l.	Narrow leaf Peppermint		■	■	■	C	●	●	●	●		Reliable and robust	●	●
Eucalyptus cypellocarpa	Mountain Grey-gum		■	■	■	O	●	●	●	●		Reliable and robust	●	●
Eucalyptus baxteri	Brown Stringybark		■	■	■	L	●	●	●	●		Reliable and robust, can overlooked or mistaken for Messamte if fruit is not avaialable.	●	
Eucalyptus fulgens	Green Scentbark		■	■	■	L	●	●	●	●		Reliable and robust but restricted distribution	●	
Eucalyptus goniocalyx	Long-leaf Box		■	■	■	D	●	●	●	●		Reliable and robust but restricted distribution	●	
Eucalyptus macrorhyncha	Red Stringybark		■	■	■	D	●	●	●	●		Reliable and robust	●	
SMALL TREES, LARGE - MEDIUM SHRUBS & VINES														
Acacia dealbata	Silver Wattle		■	■	■	D	●	●	●			Reliable and robust		
Acacia mearnsii	Black Wattle		■	■	■	L	●	●	●	●	●	Reliable and robust performer in replanting	●	
Acacia melanoxylon	Blackwood		■	■	■	D	●	●	●	●	●	Reliable and robust	●	●
Acacia stricta	Hop Wattle		■	■	■	O	●	●	●	●	●	No often planted but can be a reliable and robust performer in replanting given good site management	●	
Acacia verticillata	Prickly Moses		■	■	■	O	●	●	●	●	●	Reliable and robust performer in replanting	●	
Acrotriche prostrata	Trailing Ground-berry		■	■	■	C	●	●	●			Propogation very limited can be difficult to establish		
Allocasuarina littoralis	Black Sheoke			■	■	L	●	●	●	●		Reliable and robust performer in replanting but not often planted in large numbers	●	
Banksia marginata	Silver Banksia		■	■	■	L	●	●	●	●	●	Propogation limited can be difficult to source in substantial numbers	●	
Billardiera scandens var. *scandens*	Common Apple-berry		■	■	■	C	●	●				Propogation very limited can be difficult to establish		●
Bursaria spinosa	Sweet Bursaria		■	■	■	O	●	●	●	●	●	Reliable and robust performer in replanting	●	
Cassinia aculeata	Common Cassinia		■	■	■	D	●	●	●	●	●	Reliable and robust performer in replanting	●	●
Clematis aristata	Mountain Clematis		■	■	■	C	●	●	●			Common coloniser particular after disturbance		●
Coprosma quadrifida	Prickly Currant-bush		■	■	■	C	●	●	●	●	●	Reliable and robust	●	●
Epacris impressa	Common Heath		■	■	■	C	●	●	●			Difficult to source but can be a prolific coloniser after natural disturbance.		●
Exocarpos cupressiformis	Cherry Ballart		■	■	■	O	●	●	●			Not often planted		
Glycine clandestina	Twining Glycine		■	■	■	O	●	●				Not often planted		
Goodenia ovata	Hop Goodenia		■	■	■	O	●	●	●	●	●	Reliable and robust performer in replanting	●	
Hardenbergia violacea	Purple Coral-pea			■	■	C	●	●	●			Not often planted		
Kunzea ericoides	Burgan		■	■	■	O	●	●	●			Reliable and robust performer in replanting		
Leptospermum continentale	Prickly Tea-tree		■	■	■	C	●	●	●	●		Common coloniser particular after disturbance can exclude other species in the short term	●	
Olearia lirata	Snow Daisy-bush		■	■	■	O	●	●	●	●		Reliable and robust performer in replanting	●	
Olearia phlogopappa	Dusty Daisy-bush		■	■	■	C	●	●				Not often planted but important structural component		●
Ozothamnus ferrugineus	Tree Everlasting		■	■	■	O	●	●	●	●		Reliable and robust performer in replanting	●	

Key

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SMALL SHRUBS, GRASSES,SEDGES DICOT HERBS and FERNS														
Acaena novae-zelandiae	Bidgee-widgee		■	■	■	O	●	●	●	●	●	Reliable with good site preparation however needs appropriate maintenance in replanting sites	●	
Acrotriche prostrata	Trailing Ground-berry			■	■	O	●	●	●			Not available in significant numbers.		
Adiantum aethiopicum	Common Maidenhair		■	■	■	O	●	●				Not available in significant numbers.		
Daviesia leptophylla	Narrow-leaf Bitter-pea		■	■	■	O	●	●				Not available in significant numbers, common recoloniser after fire.		
Dianella revoluta	Black-anther Flax-lily		■	■	■	O	●	●	●	●		Reliable with good site preparationbut usually not available in significant numbers	●	
Dianella tasmanica	Tasman Flax-lily		■	■		C	●	●	●	●	●	Reliable with good site preparation	●	●
Dichondra repens	Kidney-weed		■	■	■	D	●	●	●			Easily propagated, can be difficult to establish due to diminutive size.		●
Dillwynia cinerascens	Grey Parrot-pea		■	■	■	O	●	●				Not available in significant numbers, common recoloniser after fire.		
Echinopogon ovatus	Common Hedgehog-grass		■	■	■	L	●	●	●			Easy to propagate but limited availability.		
Gahnia radula	Thatch Saw-sedge		■	■	■	D	●	●	●			Not propogated		●
Gahnia sieberiana	Red-fruit Saw-sedge		■	■		C	●	●	●	●	●	Reliable and robust with good site preparation	●	●
Galium propinquum	Maori Bedstraw		■	■	■	L	●	●				Easy to propagate but limited availability.		●
Gonocarpus tetragynus	Common Raspwort		■	■	■	D	●	●	●			Not available in significant numbers limited propogation		●
Helichrysum scorpioides	Button Everlasting		■	■	■	O	●	●	●			Needs substantial maintenance in replanting sites		
Hovea heterophylla	Common Hovea		■	■	■	O	●	●	●			Not available in significant numbers limited propogation		
Hydrocotyle laxiflora	Stinking Pennywort		■	■	■	O	●	●	●			Not available in significant numbers limited propogation		
Hypericum gramineum	Small St John's Wort		■	■	■	C	●	●	●			Not available in significant numbers limited propogation		
Joycea pallida	Silvertop Wallaby-grass			■	■	L	●	●				Not available in significant numbers limited propogation		
Lepidosperma laterale var. *laterale*	Variable Sword-sedge		■	■		O	●	●	●	●		Previously not available, recent advances in propagation may see an increase in availability	●	
Lomandra filiformis ssp. *coriacea*	Wattle Mat-rush		■	■	■	D	●	●	●			Not available in significant numbers limited propogation		●
Lomandra longifolia ssp. *longifolia*	Spiny-headed Mat-rush		■	■	■	D	●	●	●	●	●	Reliable and robust	●	●
Luzula meridionalis var. *flaccida*	Common Woodrush		■	■	■	O	●	●	●			Rarely propagated.		
Microlaena stipoides var. *stipoides*	Weeping Grass		■	■	■	D	●	●	●	●	●	Needs substantial maintenance in replanting sites	●	●
Pimelea humilis	Common Rice-flower		■	■	■	O	●	●	●			Not available in significant numbers limited propogation		
Poa ensiformis	Sword Tussock-grass		■	■		L	●	●	●			Reliable with good site preparation however needs substantial maintenance in replanting sites		
Poa labillardierei	Common Tussock-grass		■	■	■	O	●	●	●			Reliable with good site preparation however needs substantial maintenance in replanting sites		
Pteridium esculentum	Austral Bracken		■	■	■	D	●	●	●			Difficult to establish and very difficult to propagate but an important and significant species that should be further utilised in the future if propagation can be efficiently achieved.		●
Pultenaea gunnii	Golden Bush-pea		■	■	■	O	●	●				Not available in significant numbers, common recoloniser after fire.		
Senecio minimus	Shrubby Fireweed		■	■	■	L	●	●	●			Not available in significant numbers, common recoloniser after fire.		
Senecio quadridentatus	Cotton Fireweed		■	■	■	L	●	●	●			Not available in significant numbers, common recoloniser after fire.		
Stylidium graminifolium s.l.	Grass Trigger-plant		■	■	■	O	●	●	●	●		Not available in significant numbers limited propogation	●	●
Tetrarrhena juncea	Forest Wire-grass		■	■	■	O	●	●	●			Not available in significant numbers limited propogation but important structural component		

Key

Planting Zone

1 ■ Bed
2 ■ Lower Bank
3 ■ Upper Bank
4 ■ Verge

Dominance

L Limited
O Occasional
C Common
D Dominant

Vegetation Quality

These columns show the species expected to be present in areas of vegetation at five different quality levels.

1 Very low Highly degraded with limited social and amenity values
2 Low Highly modified, fragmented and meets social and amenity requirements
3 Medium Fragmented remnants
4 High Relatively intact, structural vegetation elements present with high connectivity
5 Very high Intact with all structural vegetation elements present and high connectivity

Most suitable for replanting

Plants listed in this column are species which are readily cultivated in nurseries with indigenous plant propagation skills, reliable in revegetation with an expected survival rate of 95% or greater three years post planting – assumes that a high quality plant was supplied (refer to plant standard) and that weed management and planting is undertaken with appropriate skill and diligence.

EVC Benchmark

EVC benchmarks have been developed as standard reference points that are applied in carrying out vegetation assessments. An EVC benchmark represents the average characteristics of a mature and apparently long-undisturbed stand of the same vegetation type.

VEGETATION SPECIES 23HSF

Botanical name	Common name	Planting zone				Dominance	Vegetation Quality					Comments	Most suitable for replanting	EVC Benchmark
		1	2	3	4		5	4	3	2	1			
Themeda triandra	Kangaroo Grass		■	■	■	O	●	●	●	●	●	Needs substantial maintenance in replanting sites	●	
Veronica calycina	Hairy Speedwell		■	■	■	C	●	●				Not available in significant numbers limited propogation		●
Viola hederacea sensu Willis (1972)	Ivy-leaf Violet		■	■	■	D	●	●	●			Easily propagated, can be difficult to establish due to diminutive size.		●
Wahlenbergia gracilis s.l.	Sprawling Bluebell		■	■	■	L	●	●	●			Not available in significant numbers limited propogation		
Wahlenbergia stricta	Tall Bluebell		■	■	■	L	●	●	●			Not available in significant numbers limited propogation		

Key

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EVC Benchmark

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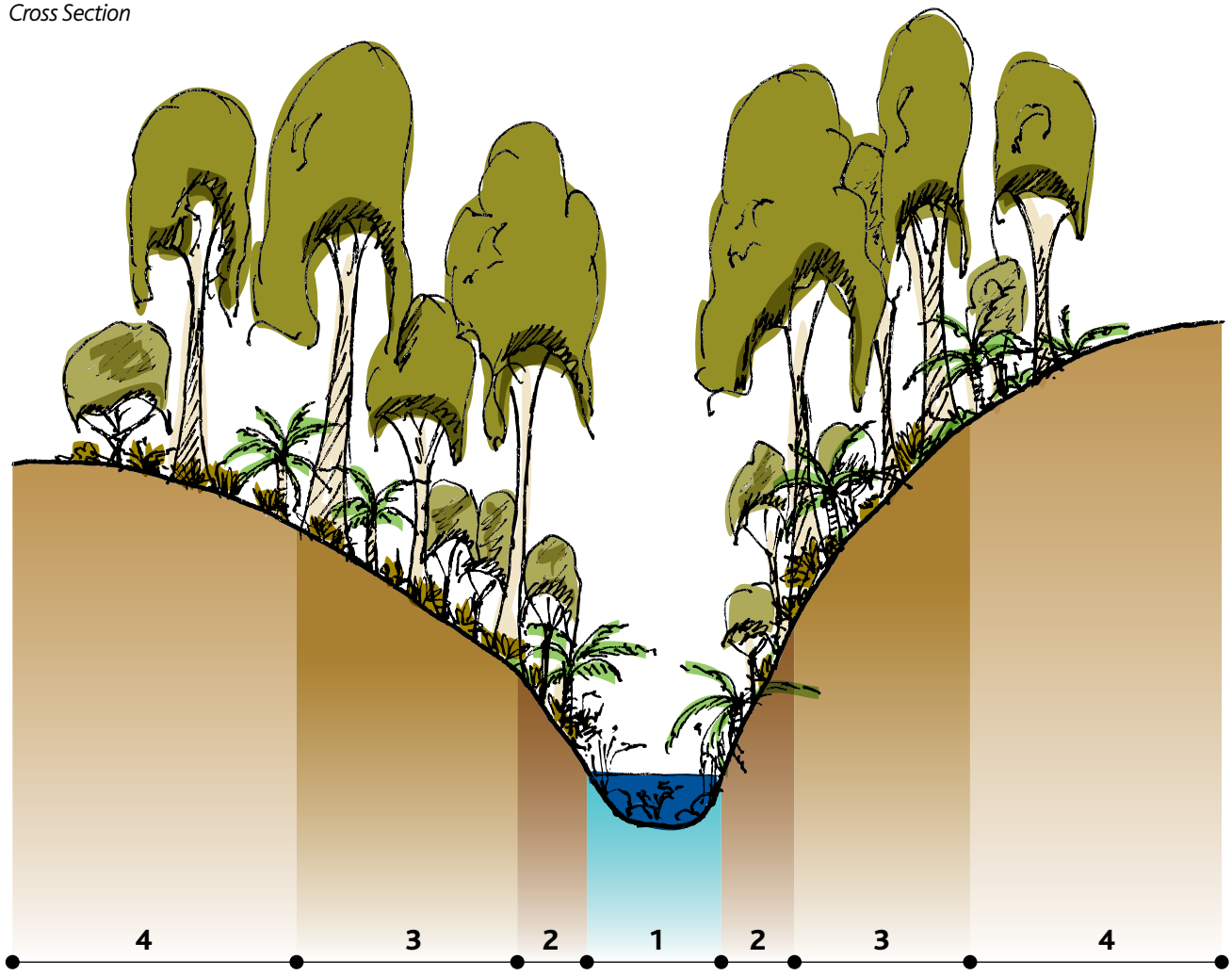
VEGETATION SPECIES

29HSF

EVC 29 DAMP FOREST
HIGHLANDS SOUTHERN FALL

Grows on a wide range of geologies on well-developed generally colluvial soils on a variety of aspects, from sea level to montane elevations. Dominated by a tall eucalypt tree layer to 30 m tall over a medium to tall dense shrub layer of broadleaved species typical of wet forest mixed with elements from dry forest types. The ground layer includes herbs and grasses as well as a variety of moisture-dependent ferns including occasional tree ferns.

Cross Section



Zone

VEGETATION SPECIES 29HSF

Botanical name	Common name	Planting zone				Dominance	Vegetation Quality					Comments	Most suitable for replanting	EVC Benchmark
		1	2	3	4		5	4	3	2	1			
TREES														
Eucalyptus cypellocarpa	Mountain Grey-gum Mountain Grey Gum		■	■	■	D	●	●	●	●	●	Reliable and robust.	●	●
Eucalyptus obliqua	Messmate Stringybark Messmate		■	■	■	D	●	●	●	●	●	Reliable and robust.	●	●
Eucalyptus baxteri	Brown Stringybark		■	■	■	O	●					Reliable and robust, can overlooked or mistaken for Messamte if fruit is not avaialable.		
Eucalyptus globulus ssp. *Bicostata*	Eurabbie		■	■	■	L	●					Uncommon in this bioregion - site-specific use may be appropriate in limited circumstances.		
Eucalyptus radiata	Narrow-leaf Peppermint		■	■	■	C	●	●	●	●	●	Reliable and robust.	●	
SMALL TREES/LARGE - MEDIUM SHRUBS & VINES														
Acacia dealbata	Silver Wattle		■	■	■	D	Y	Y	Y	Y	Y	Reliable and robust.	●	●
Acacia melanoxylon	Blackwood		■	■	■	D	Y	Y	Y	Y	Y	Reliable and robust.	●	
Acacia mucronata	Narrow-leaf Wattle		■	■	■	C	Y	Y	Y			Can establish if appropriate niche is located		
Acacia obliquinervia	Mountain Hickory Wattle		■	■	■	L	Y	Y				Can establish if appropriate niche is located		
Acacia stricta	Hop Wattle		■	■	■	C	Y	Y	Y			Can establish if appropriate niche is located		
Acacia verticillata	Prickly Moses		■	■	■	C	Y	Y	Y	Y	Y	Reliable and robust.	●	
Bedfordia arborescens	Blanket-leaf		■	■		D	Y	Y	Y			Can establish if appropriate niche is located		
Bursaria spinosa	Sweet Bursaria		■	■	■	C	Y	Y	Y	Y	Y	Reliable and robust.	●	
Cassinia aculeata	Common Cassinia		■	■	■	D	Y	Y	Y	Y	Y	Reliable and robust.	●	
Coprosma quadrifida	Prickly Currant-bush		■	■	■	D	Y	Y	Y	Y	Y	Reliable and robust.	●	●
Exocarpos cupressiformis	Cherry Ballart		■	■	■	O	Y	Y	Y			Can not be propagated in quantities suitable for large scale replanting		
Goodenia ovata	Hop Goodenia		■	■	■	D	Y	Y	Y	Y	Y	Reliable and robust.	●	●
Hedycarya angustifolia	Austral Mulberry		■	■	■	C	Y	Y	Y	Y	Y	Can establish if appropriate niche is located	●	
Kunzea ericoides	Burgan		■	■	■	C	Y	Y	Y	Y	Y	Reliable and robust.	●	
Leptospermum continentale	Prickly Tea-tree		■	■	■	C	Y	Y	Y			Reliable and robust.		
Leptospermum grandifolium	Mountain Tea-tree		■	■	■	L	Y	Y				Can establish if appropriate niche is located		
Olearia argophylla	Musk Daisy-bush		■	■	■	C	Y	Y	Y			Can establish if appropriate niche is located		
Ozothamnus ferrugineus	Tree Everlasting		■	■	■	C	Y	Y	Y	Y	Y	Reliable and robust.	●	
Pandorea pandorana	Wonga Vine		■	■	■	C	Y	Y				Can establish if appropriate niche is located		
Pimelea axiflora	Bootlace Bush		■	■	■	D	Y	Y	Y			Often not planted but a reliable coloniser post-disturbance.		●
Pittosporum bicolor	Banyalla		■	■	■	O	Y	Y	Y			Can not be propagated in quantities suitable for large scale replanting		
Platylobium formosum	Handsome Flat-pea		■	■	■	C	Y	Y	Y			Often not planted but a reliable coloniser post-disturbance. Can establish if appropriate niche is located		●
Polyscias sambucifolia	Elderberry Panax		■	■	■	O	Y	Y	Y			Not available in significant numbers limited propogation		
Pomaderris aspera	Hazel Pomaderris		■	■	■	D	Y	Y	Y	Y	Y	Reliable and robust.	●	●
Prostanthera lasianthos	Victorian Christmas-bush		■	■	■	D	Y	Y	Y	Y	Y	Reliable and robust.	●	
Spyridium parvifolium	Dusty Miller		■	■	■	C	Y	Y	Y	Y	Y	Easy to propagate but limited availability	●	

Key

Planting Zone

1 Bed
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3 Upper Bank
4 Verge

Dominance

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Vegetation Quality

These columns show the species expected to be present in areas of vegetation at five different quality levels.

1 Very low Highly degraded with limited social and amenity values
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4 High Relatively intact, structural vegetation elements present with high connectivity
5 Very high Intact with all structural vegetation elements present and high connectivity

Most suitable for replanting

Plants listed in this column are species which are readily cultivated in nurseries with indigenous plant propagation skills, reliable in revegetation with an expected survival rate of 95% or greater three years post planting – assumes that a high quality plant was supplied (refer to plant standard) and that weed management and planting is undertaken with appropriate skill and diligence.

EVC Benchmark

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VEGETATION SPECIES 29HSF

Botanical name	Common name	Planting zone				Dominance	Vegetation Quality					Comments	Most suitable for replanting	EVC Benchmark
		1	2	3	4		5	4	3	2	1			
GRASSES,SEDGES DICOT HERBS and FERNS														
Acaena novae-zelandiae	Bidgee-widgee		■	■	■	C	●	●	●	●	●	Easily propagated, can be difficult to establish due to diminutive size.	●	
Acrotriche prostrata	Trailing Ground-berry			■	■	O	●					Not available in significant numbers limited propogation		●
Acrotriche serrulata	Honey-pots			■	■	L	●					Not available in significant numbers limited propogation		
Billardiera scandens	Common Apple-berry		■	■		C	●	●				Not available in significant numbers limited propogation		●
Blechnum cartilagineum	Gristle Fern		■	■		O	●					Not available in significant numbers limited propogation		
Blechnum nudum	Fishbone Water-fern		■	■		C	●	●				Not available in significant numbers limited propogation		
Blechnum wattsii	Hard Water-fern		■	■		C	●	●				Not available in significant numbers limited propogation		●
Calochlaena dubia	Common Ground-fern		■	■		C	●	●				Not available in significant numbers limited propogation		●
Carex appressa	Tall Sedge	■	■			C	●	●	●	●	●	Reliable and robust.	●	●
Clematis aristata	Mountain Clematis		■	■	■	D	●	●	●			Often not planted but a reliable coloniser post-disturbance.		●
Cyathea australis	Rough Tree-fern		■	■		D	●	●				Not suited to large scale reveg as plant material is sourced from wild populations and divided - not readily propagated and expensive to purchase.		
Dianella tasmanica	Tasman Flax-lily		■	■	■	C	●	●	●	●	●	Reliable but requires moist cool conditions.	●	
Dichondra repens	Kidney-weed		■	■	■	C	●	●	●			Easily propagated, but not often planted, can be difficult to establish due to diminutive size.		●
Dicksonia antarctica	Soft Tree-fern		■	■	■	C	●	●				Not suited to large scale reveg as plant material is sourced from wild populations and divided - not readily propagated and expensive to purchase.		●
Geranium potentilloides	Soft Cranesbill		■	■	■	C	●	●				Can be propagated, but not often planted, can be difficult to establish due to diminutive size.		
Gonocarpus humilis	Shade Raspwort		■	■	■	C	●	●				Can be propagated, but not often planted, can be difficult to establish due to diminutive size.		●
Gonocarpus tetragynus	Common Raspwort		■	■	■	O	●	●				Can be propagated, but not often planted, can be difficult to establish due to diminutive size.		
Gonocarpus teucrioides s.l.	Germander Raspwort		■	■	■	O	●	●				Can be propagated, but not often planted, can be difficult to establish due to diminutive size.		
Hydrocotyle hirta	Hairy Pennywort		■	■	■	O	●	●				Not available in significant numbers limited propogation		
Hypericum japonicum	Matted St John's Wort		■	■	■	L	●	●				Not available in significant numbers limited propogation		
Lagenophora stipitata	Common Bottle-daisy		■	■	■	C	●	●				Not available in significant numbers limited propogation		●
Lepidosperma elatius	Tall Sword-sedge		■	■		C	●	●	●	●	●	Previously not available, recent advances in propagation may see an increase in availability	●	
Lepidosperma laterale var. *majus*	Variable Sword-sedge		■	■		O	●	●				Previously not available, recent advances in propagation may see an increase in availability		
Lobelia pedunculata s.l.	Matted Pratia		■	■		L	●					Not available in significant numbers limited propogation		
Lomandra longifolia	Spiny-headed Mat-rush		■	■	■	O	●	●	●	●	●	Reliable and robust.	●	
Microlaena stipoides var. *stipoides*	Weeping Grass		■	■	■	C	●	●	●			Needs substantial maintenance in replanting sites.		●
Olearia lirata	Snow Daisy-bush		■	■	■	D	●	●	●	●	●	Reliable and robust.	●	
Oxalis exilis	Shady Wood-sorrel		■	■	■	O	●	●				Not propogated		●
Poa labillardierei	Common Tussock-grass		■	■	■	C	●	●	●	●	●	Reliable and robust in more open areas.	●	●
Poa tenera	Slender Tussock-grass		■	■	■	O	●	●				Not available in significant numbers limited propogation.		
Polystichum proliferum	Mother Shield-fern		■	■		D	●	●	●			Not available in significant numbers, limited propogation but established reliably in moist shady sites		
Poranthera microphylla	Small Poranthera		■	■	■	O	●	●	●			Not available in significant numbers limited propogation.		

Key

Planting Zone

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Vegetation Quality

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Most suitable for replanting

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EVC Benchmark

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VEGETATION SPECIES 29HSF

Botanical name	Common name	Planting zone				Dominance	Vegetation Quality					Comments	Most suitable for replanting	EVC Benchmark
		1	2	3	4		5	4	3	2	1			
Pteridium esculentum	Austral Bracken		■	■	■	D	●	●	●			Difficult to establish and very difficult to propagate but an important and significant species that should be further utilised in the future if propagation can be efficiently achieved.		
Senecio minimus	Shrubby Fireweed		■	■	■	O	●	●	●			Not available in significant numbers, common recoloniser after fire and disturnbance.		
Tetrarrhena juncea	Forest Wire-grass		■	■	■	C	●	●	●			Not available in significant numbers limited propogation but important structural component		●

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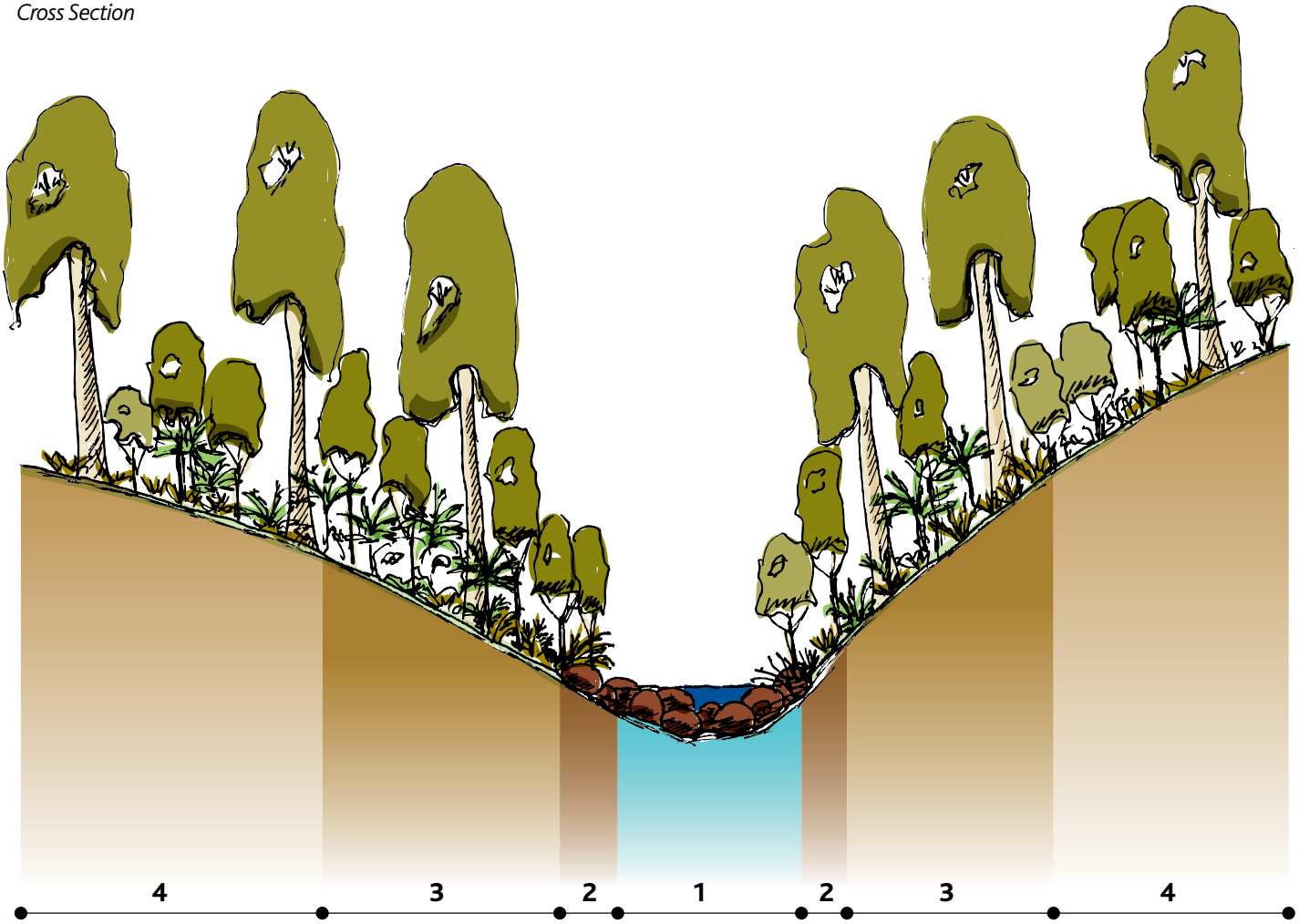
VEGETATION SPECIES

30HSF

EVC 30 WET FOREST
HIGHLANDS SOUTHERN FALL

Grows on fertile, well-drained loamy soils on a range of geologies and elevation levels. It is largely restricted to protected sites in gullies and on southern aspects of hills and mountains where rainfall is high and cloud cover at ground level is frequent. Characterised by a tall eucalypt overstorey to 30 m tall with scattered understorey trees over a tall broad-leaved shrubby understorey and a moist, shaded, fern-rich ground layer that is usually dominated by tree-ferns.

Cross Section



VEGETATION SPECIES 30HSF

Botanical name	Common name	Planting zone				Dominance	Vegetation Quality					Comments	Most suitable for replanting	EVC Benchmark
		1	2	3	4		5	4	3	2	1			
TREES														
Acacia dealbata ssp. *dealbata*	Silver Wattle		■	■	■	D	●	●	●			Usually able to regenerate and often planted in limited numbers	●	●
Acacia melanoxylon	Blackwood		■	■	■	C	●	●	●	●		Reliable and robust	●	
Eucalyptus cypellocarpa	Mountain Grey-Gum		■	■		L	●	●	●	●	●	Reliable and robust	●	
Eucalyptus obliqua	Messmate		■	■	■	O	●	●	●	●	●	Reliable and robust	●	
Eucalyptus regnans	Mountain Ash		■	■	■	D	●	●	●	●	●	Consideration may need to be given to limiting this species in reveg due to the size of mature trees. It is however a reliable and very important component of this EVC	●	●
Eucalyptus viminalis ssp. *viminalis*	Manna Gum		■	■	■	L	●	●	●	●	●	Reliable and robust	●	
SMALL TREES/LARGE - MEDIUM SHRUBS & VINES														
Bedfordia arborescens	Blanket-leaf		■	■	■	C	●	●	●	●	●	Reliable but requires moist cool conditions	●	
Billardiera longiflora var. *longiflora*	Purple Apple-berry		■	■	■	L	●	●				Limited availability		●
Billardiera scandens	Common Apple-berry		■	■	■	L	●	●				Limited availability		
Cassinia aculeata	Common Cassinia		■	■	■	O	●	●	●			Reliable and robust		
Cassinia longifolia	Shiny Cassinia		■	■	■	O	●	●	●	●	●	Reliable and robust	●	
Clematis aristata	Mountain Clematis		■	■	■	C	●	●	●			Limited availability		●
Comesperma volubile	Love Creeper		■	■	■	L	●	●				Limited availability		
Goodenia ovata	Hop Goodenia			■	■	O	●	●	●	●	●	Reliable and robust	●	
Hedycarya angustifolia	Austral Mulberry		■	■	■	D	●	●	●	●		Reliable and robust but not as easily propagated as many other species	●	●
Lomatia fraseri	Tree Lomatia		■	■	■	L	●	●	●			Reliable and robust but not as easily propagated as many other species		
Olearia argophylla	Musk Daisy-bush		■	■	■	C	●	●	●			Reliable and robust but not as easily propagated as many other species	●	●
Ozothamnus ferrugineus	Tree Everlasting		■	■	■	O	●	●	●	●	●	Reliable and robust	●	
Pandorea pandorana	Wonga Vine		■	■	■	O	●	●				Not available in high numbers		
Parsonsia brownii	Twining Silkpod		■	■	■	O	●	●				Rarely propagated		
Pimelea axiflora ssp. *axiflora*	Bootlace Bush		■	■	■	O	●	●				Propagation very difficult but responds to disturbance and regenerates en mass		
Pittosporum bicolor	Banyalla		■	■	■	O	●	●				Propagation very difficult and rarely planted		
Polyscias sambucifolia subsp. 1	Broad-leaf Panax		■	■	■	C	●	●	●			Not available in high numbers, common recoloniser after fire		●
Pomaderris aspera	Hazel Pomaderris		■	■	■	D	●	●	●	●	●	Reliable and robust	●	●
Zieria arborescens	Stinkwood			■	■	L	●	●				Propagation limited can be difficult to establish		
Correa lawrenceana	Mountain Correa		■	■	■	O	●	●	●	●		Propagation limited can be difficult to establish	●	●
Olearia lirata	Snowy Daisy-bush		■	■	■	O	●	●	●	●	●	Reliable and robust	●	
SMALL SHRUBS, GRASSES,SEDGES DICOT HERBS and FERNS														
Acaena novae-zelandiae	Bidgee-widgee			■	■	C	●	●	●	●	●	Reliable and robust	●	
Asplenium bulbiferum ssp. *gracillimum*	Mother Spleenwort		■	■	■	L	●	●				Uncommon fern found in high quality sites		
Australina pusilla ssp. *muelleri*	Shade Nettle		■	■	■	O	●	●				Usually not planted		●
Austrocynoglossum latifolium	Forest Hound's-tongue		■	■	■	O	●	●	●			Usually not planted but often an important component of groundflora and competitive after disturbance		

Key

Planting Zone

1 Bed
2 Lower Bank
3 Upper Bank
4 Verge

Dominance

L Limited
O Occasional
C Common
D Dominant

Vegetation Quality

These columns show the species expected to be present in areas of vegetation at five different quality levels.

1 Very low Highly degraded with limited social and amenity values
2 Low Highly modified, fragmented and meets social and amenity requirements
3 Medium Fragmented remnants
4 High Relatively intact, structural vegetation elements present with high connectivity
5 Very high Intact with all structural vegetation elements present and high connectivity

Most suitable for replanting

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EVC Benchmark

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VEGETATION SPECIES 30HSF

Botanical name	Common name	Planting zone				Dominance	Vegetation Quality					Comments	Most suitable for replanting	EVC Benchmark
		1	2	3	4		5	4	3	2	1			
Blechnum cartilagineum	Gristle Fern		■	■	■	L	●	●				Usually on Damp Forest fringe		
Blechnum fluviatile	Ray Waterfern		■	■	■	L	●					Restricted to moist environments and riparian edge an uncommon fern found in high quality sites		
Blechnum wattsii	Hard Water-fern		■	■	■	C	●					Generally not propagated.		●
Calochlaena dubia	Common Ground-fern		■	■	■	L	●					Generally not propagated.		
Carex appressa	Tall Sedge		■	■	■	C	●	●	●	●	●	Reliable and robust	●	
Coprosma quadrifida	Prickly Currant-bush		■	■	■	D	●	●	●	●	●	Reliable and robust	●	●
Correa lawrenceana	Mountain Correa		■	■	■	O	●	●				Propagation very limited can be difficult to establish		
Cyathea australis	Rough Tree-fern		■	■	■	C	●	●				Not suited to large scale reveg as plants are sourced from natural environments not readily propagated and expensive to purchase		●
Cyperus lucidus	Leafy Flat-sedge		■	■	■	L	●	●				Easy to propagate but limited availability.		
Dianella tasmanica	Tasman Flax-lily		■	■	■	O	●	●	●	●	●	Reliable and robust	●	
Dichondra repens	Kidney-weed		■	■	■	L	●	●	●	●	●	Easily propagated can be difficult to establish due to diminutive size	●	
Dicksonia antarctica	Soft Tree-fern		■	■	■	C	●	●				Not suited to large scale reveg as plants are sourced from natural environments, not readily propagated and expensive to purchase		●
Gahnia sieberiana	Red-fruit Saw-sedge		■	■		L	●	●	●	●	●	Reliable and robust	●	
Geranium potentilloides	Cinquefoil Cranesbill		■	■	■	O	●					Easy to propagate but limited availability.		
Gonocarpus teucrioides s.l.	Germander Raspwort		■	■	■	O	●	●				Easy to propagate but limited availability.		
Hydrocotyle hirta	Hairy Pennywort		■	■	■	O	●	●				Generally not propagated.		
Juncus pallidus	Pale Rush		■	■	■	O	●	●	●			Reliable and robust		
Lepidosperma elatius var. *elatius*	Tall Sword-sedge		■	■	■	C	●	●				Can not be propagated in useable quantities		●
Lomandra longifolia	Spiny-headed Mat-rush		■	■	■	O	●	●	●	●	●	Reliable and robust	●	
Mentha laxiflora	Forest Mint			■	■	O	●	●				Generally not propagated.		
Microlaena stipoides var. *stipoides*	Weeping Grass		■	■	■	C	●	●	●	●	●	Can become dominant particular in open areas	●	
Microsorum pustulatum	Kangaroo Fern		■	■	■	L	●					Requires sheltered shady sites not appropriate for revegetation		
Oxalis corniculata s.l.	Yellow Wood-sorrel		■	■	■	L	●					Generally not propagated		
Poa ensiformis	Sword Tussock-grass		■	■	■	L	●	●	●	●	●	Reliable and robust and a better performer in the shade than Poa labillardierei	●	
Poa labillardierei	Common Tussock-grass		■	■	■	C	●	●	●	●	●	Reliable and robust in more open areas	●	
Polystichum proliferum	Mother Shield-fern		■	■	■	C	●	●	●			Easy to propagate but limited availability		●
Pteridium esculentum	Common Bracken			■	■	C	●	●				Can not be propagated in useable quantities		●
Sambucus gaudichaudiana	White Elderberry		■	■	■	O	●	●				Generally not propagated.		●
Senecio glomeratus	Annual Fireweed		■	■	■	O	●	●				Post fire coloniser		
Senecio linearifolius sens. lat.	Fireweed Groundsel			■	■	O	●	●				Post fire coloniser		
Senecio velleioides	Forest Groundsel		■	■	■	O	●	●				Post fire coloniser		
Sticherus lobatus	Spreading Fan-fern		■	■	■	L	●					Restricted to moist environments and riparian edge an uncommon fern found in high quality sites		
Tetrarrhena juncea	Forest Wire-grass		■	■	■	C	●	●	●			Often not planted but reliable dominant post disturbance		●
Urtica incisa	Scrub Nettle		■	■	■	O	●	●				Usually not planted		
Viola hederacea sensu Willis (1972)	Ivy-leaf Violet		■	■	■	O	●	●	●	●	●	Easily propagated, can be difficult to establish due to diminutive size.	●	●

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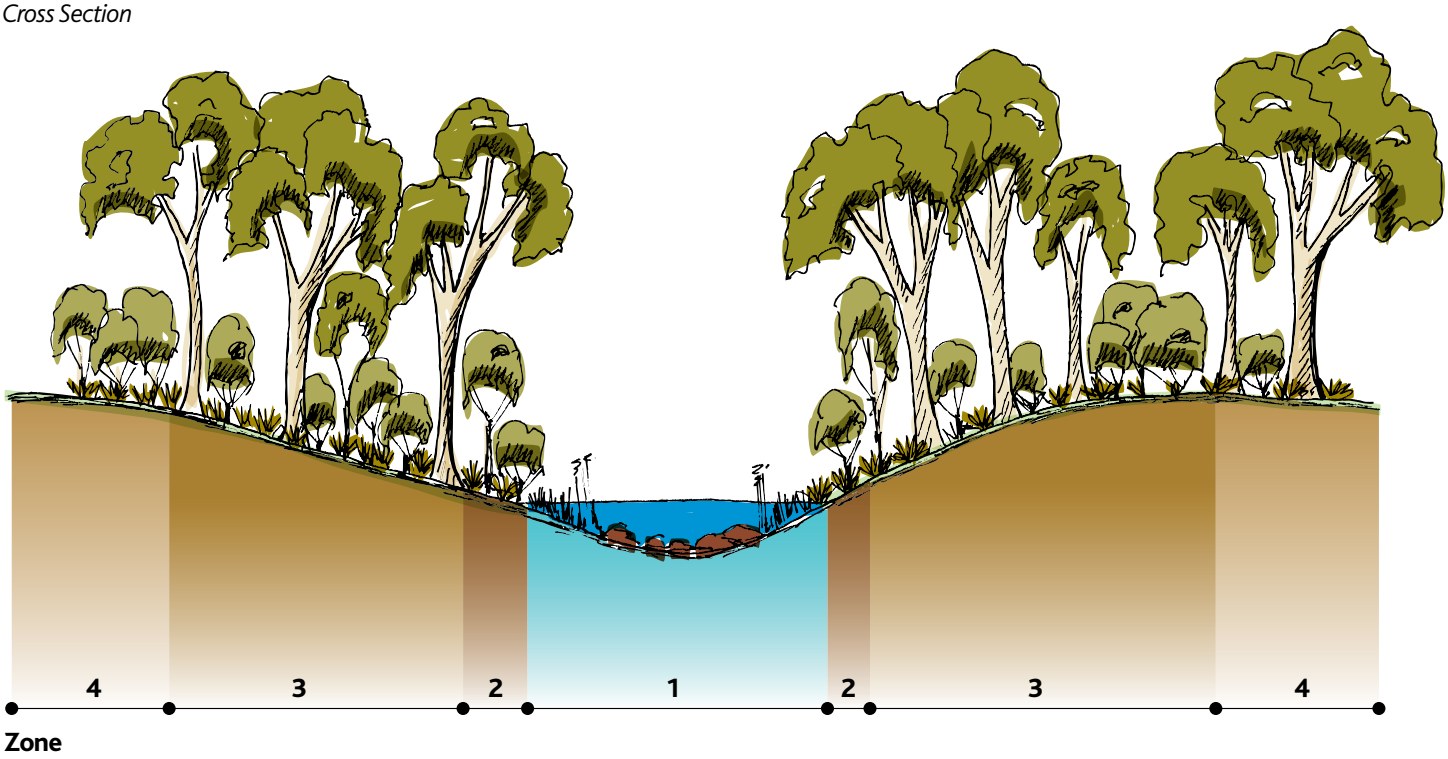
VEGETATION SPECIES

16GIP

EVC 16 LOWLAND FOREST GIPPSLAND PLAIN

Open Eucalypt forest to 20 m tall. It grows on a wide variety of geology and soils mostly on north and north westerly aspects. Characterised by an often heathy understorey with a variety of other life forms including shrubs, grasses and herbs.

Cross Section



VEGETATION SPECIES 16GIP

Botanical name	Common name	Planting zone				Dominance	Vegetation Quality					Comments	Most suitable for replanting	EVC Benchmark
		1	2	3	4		5	4	3	2	1			
TREES														
Acacia melanoxylon	Blackwood		■	■	■	C	●	●	●	●	●	Reliable and robust	●	●
Acacia mearnsii	Black Wattle			■	■	C	●	●	●	●	●	Reliable and robust	●	
Eucalyptus obliqua	Messmate Stringybark			■	■	D	●	●	●	●	●	Reliable and robust	●	●
Eucalyptus radiata s.l.	Narrow-leaf Peppermint			■	■	C	●	●	●	●	●	Reliable and robust	●	●
Eucalyptus cephalocarpa	Silver-leaf Stringybark			■	■	C	●	●	●	●		Reliable and robust - check local occurrence	●	
Eucalyptus ovata	Swamp Gum	■	■			O	●	●	●	●	●	Reliable and robust	●	
Eucalyptus viminalis	Manna Gum		■	■		O	●	●	●	●	●	Reliable and robust	●	
Eucalyptus cypellocarpa	Mountain Grey-gum			■	■	O	●	●	●			Reliable and robust - check local occurrence		
SMALL TREES/LARGE - MEDIUM SHRUBS & VINES														
Acacia genistifolia	Spreading Wattle			■	■	O	●	●	●	●		Reliable and robust	●	
Acacia mucronata ssp. *longifolia*	Narrow-leaf Wattle			■	■	C	●	●	●	●	●	Reliable and robust	●	
Acacia myrtifolia	Myrtle Wattle			■	■	O	●	●	●	●		Reliable and robust	●	
Acacia stricta	Hop Wattle		■	■		C	●	●	●	●	●	Reliable and robust	●	
Acacia verticillata	Prickly Moses		■	■		C	●	●	●	●	●	Reliable and robust	●	
Allocasuarina littoralis	Black Sheoak			■	■	O	●	●	●	●	●	Reliable and robust	●	
Allocasuarina paludosa	Scrub Sheoak			■	■	O		●	●	●		Reliable and robust	●	
Banksia marginata	Silver Banksia			■	■	O	●	●	●	●		Reliable and robust	●	●
Banksia spinulosa var. *cunninghamii*	Hairpin Banksia			■	■	L	●	●	●			Reliable and robust - available in limited numbers		
Billardiera scandens	Common Apple-berry			■	■	O	●	●	●			Reliable with good site preparation and follow up weed control.		●
Bossiaea prostrata	Creeping Bossiaea			■	■	O	●	●				Reliable with good site preparation		
Bursaria spinosa subsp. *spinosa*	Sweet Bursaria		■	■	■	C	●	●	●	●		Reliable and robust	●	
Cassinia aculeata	Common Cassinia		■	■	■	O	●	●	●	●	●	Reliable and robust	●	
Cassinia longifolia	Shiny Cassinia			■	■	C		●	●	●		Reliable and robust	●	
Clematis aristata	Mountain Clematis			■	■	O	●	●	●			Reliable with good site preparation		
Coprosma hirtella	Rough Coprosma		■	■	■	O	●	●	●	●		Available in limited numbers	●	
Dillwynia sericea	Showy Parrot-pea			■	■	O	●	●	●			Available in limited numbers		
Epacris impressa	Common Heath			■	■	C	●	●	●			Usually not planted		●
Exocarpos cupressiformis	Cherry Ballart			■	■	O	●	●				Parasitic on roots of other plants - not available		
Goodenia ovata	Hop Goodenia			■	■	O	●	●	●	●		Reliable and robust	●	
Goodia lotifolia	Golden Tip			■	■	L	●	●				Available in limited numbers		
Hakea nodosa	Yellow Hakea			■	■	O	●	●	●	●		Available in limited numbers	●	
Hakea ulicina	Furze Hakea			■	■	L	●	●	●			Available in limited numbers		
Hibbertia riparia	Erect Guinea-flower			■	■	O	●	●	●			Available in limited numbers		
Indigofera australis	Austral Indigo			■	■	O	●	●	●			Reliable with good site preparation		
Kunzea ericoides	Burgan		■	■	■	O	●	●	●	●	●	Reliable and robust	●	
Leptospermum continentale	Prickly Tea-tree			■	■	C	●	●	●	●	●	Reliable and robust	●	●
Leptospermum myrsinoides	Heath Tea-tree			■	■	C	●	●	●	●	●	Reliable and robust	●	●
Lomatia ilicifolia	Holly Lomatia			■	■	O	●	●	●			Available in limited numbers		
Melaleuca ericifolia	Swamp Paperbark			■	■	C	●	●	●	●	●	Reliable and robust	●	

Key

Planting Zone

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4 High — Relatively intact, structural vegetation elements present with high connectivity
5 Very high — Intact with all structural vegetation elements present and high connectivity

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VEGETATION SPECIES 16GIP

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		1	2	3	4		5	4	3	2	1			
Olearia lirata	Snowy Daisy-bush		■	■		C	●	●	●	●		Reliable and robust	●	
Olearia ramulosa	Twiggy Daisy-bush			■	■	O	●	●	●			Reliable and robust		
Ozothamnus ferrugineus	Tree Everlasting			■	■	O	●	●	●	●		Reliable and robust	●	
Pandorea pandorana	Wonga Vine			■	■	O	●	●	●			Reliable with good site preparation		
Pimelea linifolia subsp. linifolia	Slender Rice-flower			■	■	O	●	●				Generally not available		
Platylobium formosum	Handsome Flat-pea			■	■	O	●	●				Available in limited numbers		
Platylobium obtusangulum	Common Flat-pea			■	■	C	●	●	●			Available in limited numbers		
Pultenaea gunnii	Golden Bush-pea			■	■	O	●	●	●			Available in limited numbers		
Pultenaea hispidula	Rusty Bush-pea			■	■	C	●	●				Available in limited numbers		
Viminaria juncea	Golden Spray		■			O	●	●	●	●		Reliable and robust	●	
GRASSES,SEDGES DICOT HERBS and FERNS														
Acrotriche prostrata	Trailing Ground-berry			■	■	O	●	●				Not usually planted		
Acrotriche serrulata	Honey-pots			■	■	O	●	●				Not usually planted		●
Amperea xiphoclada var. *xiphoclada*	Broom Spurge		■	■		C	●	●	●	●		Reliable but usually not propagated - increase use if in occurs local area	●	●
Arthropodium strictum s.l.	Chocolate Lily			■	■	C		●	●			Maintain remnants by controlling grassy weeds		
Astroloma humifusum	Cranberry Heath			■	■	O	●	●				Not usually planted		
Austrodanthonia racemosa var. *racemosa*	Stiped Wallaby-grass			■	■	C	●	●	●			Maintain remnants by controlling grassy weeds		
Austrostipa densiflora	Dense Spear-grass			■	■	O	●	●	●			Reliable and robust - limited availability		
Bauera rubioides	Wiry Bauera			■	■	O	●	●	●			Not usually planted		
Carex appressa	Tall Sedge	■	■			C	●	●	●	●	●	Reliable and robust	●	
Chrysocephalum semipapposum	Clustered Everlasting			■	■	O	●	●	●			Reliable with good site preparation		
Comesperma volubile	Love Creeper			■	■	O	●	●				Not usually planted		
Dampiera stricta	Blue Dampiera			■	■	O	●	●				Not usually planted		
Dianella admixta	Black-anther Flax-lily			■	■	C	●	●	●	●		Reliable with good site preparation	●	
Dichondra repens	Kidney-weed		■	■	■	C	●	●	●			Reliable with good site preparation		
Drosera peltata ssp. *auriculata*	Tall Sundew			■	■	O	●	●				Not usually planted		●
Echinopogon ovatus	Common Hedgehog-grass			■	■	C	●	●	●			Maintain remnants by controlling grassy weeds		
Gahnia radula	Thatch Saw-sedge			■	■	C	●	●	●			Cannot be propagated in useable quantities		●
Gahnia sieberiana	Red-fruit Saw-sedge		■			O	●	●	●			Reliable and robust		
Geranium solanderi s.l.	Austral Cranesbill			■	■	O	●	●				Not usually planted		
Glycine clandestina	Twining Glycine			■	■	O	●	●				Not usually planted		
Gonocarpus tetragynus	Common Raspwort			■	■	C	●	●	●	●		Reliable with good site preparation	●	●
Goodenia lanata	Trailing Goodenia			■	■	O	●	●				Usually not planted		
Hardenbergia violacea	Purple Coral-pea			■	■	C	●	●	●			Reliable with good site preparation		
Helichrysum scorpioides	Button Everlasting			■	■	C	●	●	●			Usually not planted		
Hydrocotyle laxiflora	Stinking Pennywort		■	■		O	●	●				Usually not planted		
Hypericum gramineum	Small St John's Wort		■	■		O	●	●				Usually not planted		
Imperata cylindrica	Blady Grass		■	■		O	●	●				Reliable with good site preparation		
Joycea pallida	Silvertop Wallaby-grass			■	■	C	●	●	●	●		Maintain remnants by controlling grassy weeds	●	
Juncus amabilis	Rush	■	■			C	●	●	●	●	●	Reliable and robust	●	

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		1	2	3	4		5	4	3	2	1			
Juncus sarophorus	Broom Rush	■	■			C	●	●	●	●	●	Reliable and robust	●	
Kennedia prostrata	Running Postman			■	■	O	●	●	●			Reliable with good site preparation		
Lagenophora stipitata	Common Bottle-daisy			■	■	O	●	●	●			Usually not planted		
Lepidosperma laterale	Variable Sword-sedge		■			C	●	●	●	●		Previously not available, recent advances in propagation may see an increase in availability	●	
Lepyrodia muelleri	Common Scale-rush		■	■		O	●	●				Usually not planted		
Lindsaea linearis	Screw Fern		■	■		O	●	●				Usually not planted		
Lomandra filiformis ssp. *filiformis*	Wattle Mat-rush			■	■	C	●	●	●			Not generally available		●
Lomandra longifolia	Spiny-headed Mat-rush		■	■	■	C	●	●	●	●	●	Reliable and robust	●	●
Microlaena stipoides var. *stipoides*	Weeping Grass		■	■	■	C	●	●	●			Maintain remnants by controlling grassy weeds.		●
Opercularia varia	Variable Stinkweed		■	■		L	●	●				Usually not planted		●
Pimelea humilis	Common Rice-flower			■	■	O	●	●				Usually not planted	●	
Poa australis spp. agg.	Tussock Grass			■	■	O	●	●	●			Reliable and robust if used in damp area		●
Poa labillardierei	Common Tussock-grass		■	■		C	●	●	●	●		Reliable and robust if used in damp area		
Pteridium esculentum	Austral Bracken			■	■	D	●	●	●			Not available - may be present via natural regeneration		●
Pterostylis longifolia s.l.	Tall Greenhood			■	■	O	●	●				Not available		
Senecio quadridentatus	Cotton Fireweed			■	■	C	●	●	●	●		Disturbance and post fire coloniser	●	
Spyridium parvifolium	Dusty Miller			■	■	C	●	●	●	●		Available in limited numbers	●	
Stackhousia monogyna	Creamy Stackhousia			■	■	O	●	●				Usually not planted		
Stylidium graminifolium s.l.	Grass Triggerplant			■	■	O	●	●				Available in limited numbers		
Stypandra glauca	Nodding Blue-lily			■	■	O	●	●				Usually not planted		
Tetrarrhena juncea	Forest Wire-grass			■	■	O	●	●	●			Available in limited numbers		
Tetratheca ciliata	Pink-bells			■	■	O	●	●				Usually not planted		
Viola hederacea sensu Willis (1972)	Ivy-leaf Violet			■	■	C	●	●	●			Not usually planted		●
Wahlenbergia stricta subsp. stricta	Tall Bluebell			■	■	O	●	●	●			Reliable with good site preparation		
Wurmbea dioica	Common Early Nancy			■	■	O	●	●				Not available		
Xanthorrhoea minor ssp. *lutea*	Small Grass-tree			■	■	C	●	●	●			Not available		●
SEMI AQUATIC AND AQUATIC HERBS														
Bolboschoenus medianus	River Club-sedge	■				O	●	●	●	●	●	Reliable and robust - Dormant in Winter	●	
Carex fascicularis	Tassel Sedge	■				C	●	●	●	●	●	Reliable and robust	●	
Crassula helmsii	Swamp Crassula	■				C	●	●	●			Reliable and robust		
Cyperus lucidus	Leafy Flat-sedge	■				O	●	●	●	●		Reliable and robust	●	
Eleocharis acuta	Common Spike-rush	■				C	●	●	●	●	●	Reliable and robust	●	
Isolepis inundata	Swamp Club-rush	■				C	●	●	●			Reliable and robust		
Juncus procerus	Tall Rush	■				O	●	●	●	●		Reliable and robust	●	
Lycopus australis	Australian Gipsywort	■				O	●	●	●			Reliable and robust		
Persicaria decipens	Slender Knotweed	■	■			C	●	●	●	●		Reliable and robust	●	
Potamogeton ochreatus	Blunt Pond-weed	■				O	●	●	●			Reliable and robust		
Triglochin procerum sens. lat.	Upright Water-ribbons	■				O	●	●	●			Reliable and robust		

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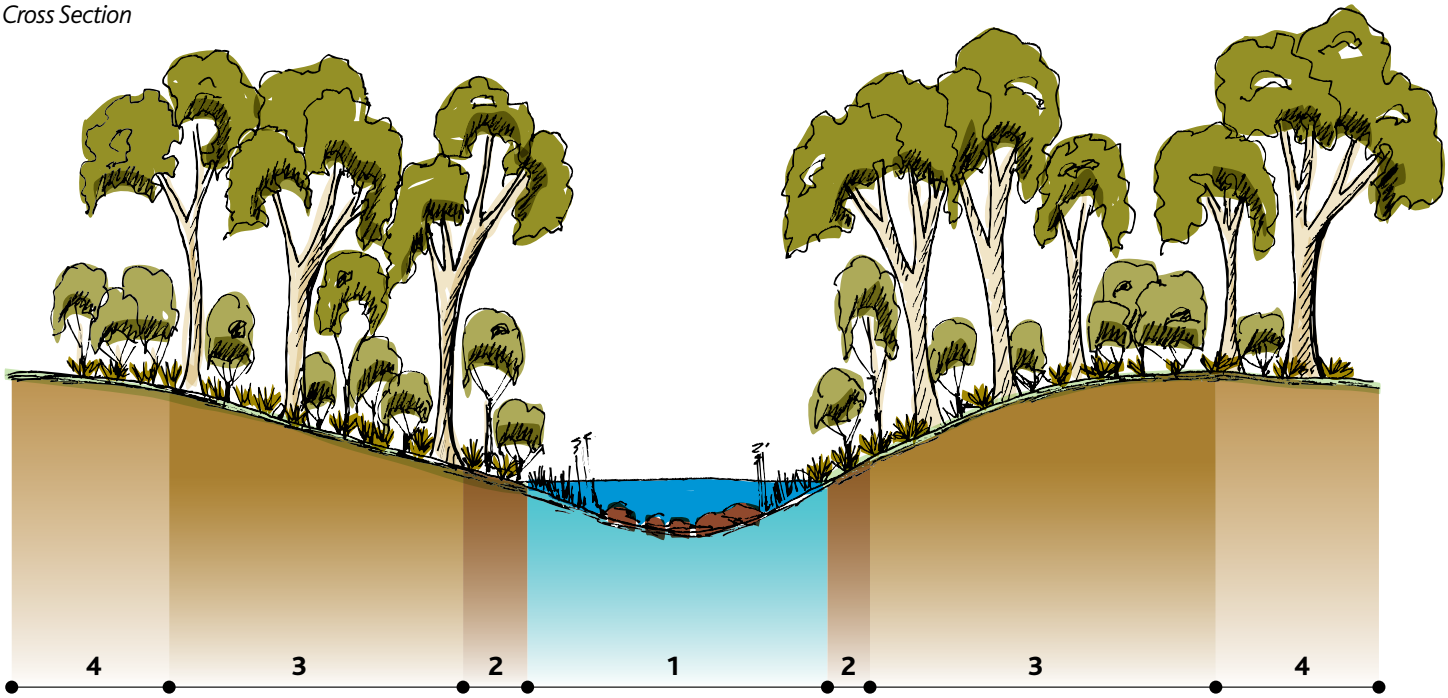
VEGETATION SPECIES

18GIP

EVC 18 RIPARIAN FOREST GIPPSLAND PLAIN

A tall forest to 30 m tall along river banks and associated alluvial terraces with occasional occurrences in the heads of gullies leading into creeks and rivers. The soil is fertile alluvium, regularly inundated and permanently moist. Dominated by tall eucalypts but also has an open to sparse secondary tree layer of wattles and scattered dense patches of shrubs, ferns, grasses and herbs.

Cross Section



VEGETATION SPECIES 18GIP

Botanical name	Common name	Planting zone				Dominance	Vegetation Quality					Comments	Most suitable for replanting	EVC Benchmark
		1	2	3	4		5	4	3	2	1			
TREES														
Acacia dealbata ssp. *dealbata*	Silver Wattle				■	L	●	●	●			Usually able to regenerate - avoid planting or use in limited numbers		●
Acacia melanoxylon	Blackwood		■	■	■	C	●	●	●	●	●	Reliable and robust	●	●
Eucalyptus cypellocarpa	Mountain Grey Gum			■	■	L	●	●	●	●	●	Reliable and robust - check local occurrence	●	
Eucalyptus melliodora	Yellow Box				■	L			●	●	●	Not common in this bioregion - useful where waterway has incised and the banks are now drier	●	
Eucalyptus obliqua	Messmate		■	■	■	O	●	●	●	●	●	Reliable and robust	●	●
Eucalyptus ovata var. *ovata*	Swamp Gum	■	■			O	●	●	●	●	●	Reliable and robust	●	●
Eucalyptus radiata ssp. *radiata*	Narrow-leaf Peppermint			■	■	O	●	●	●	●	●	Reliable and robust - useful where waterway has incised and the banks are now drier	●	●
Eucalyptus rubida	Candlebark				■	L	●	●				Reliable and robust - check local occurrence		
Eucalyptus viminalis ssp. *viminalis*	Manna Gum		■	■	■	C	●	●	●	●	●	Reliable and robust	●	●
SMALL TREES/LARGE - MEDIUM SHRUBS & VINES														
Acacia verticillata ssp. *verticillata*	Pricky Moses			■	■	O	●	●	●	●	●	Reliable and robust	●	●
Bursaria spinosa ssp. *Spinosa*	Sweet Bursaria		■	■	■	C	●	●	●	●		Reliable and robust	●	
Callistemon sieberi	River Bottlebrush		■			L	●	●	●			Associated with rocky streambeds and streambanks		
Cassinia aculeata	Common Cassinia		■	■	■	O	●	●	●	●		Reliable and robust	●	
Clematis aristata	Mountain Clematis		■	■	■	O	●	●	●			Limited availability		●
Coprosma quadrifida	Prickly Currant-bush		■	■		O	●	●	●	●		Reliable and robust	●	
Goodenia ovata	Hop Goodenia			■	■	C	●	●	●	●	●	Reliable and robust	●	●
Gynatrix pulchella	Hemp Bush		■	■		O	●	●	●	●		Reliable and robust and a better performer in sheltered sites with available moisture	●	
Kunzea ericoides s.l.	Burgan		■	■		O	●	●	●	●	●	Reliable and robust, can dominate sites	●	
Leptospermum continentale	Prickly Tea-tree		■	■	■	C	●	●	●	●	●	Reliable and robust	●	●
Leptospermum lanigerum	Woolly Tea-tree	■	■			C	●	●	●	●	●	Reliable and robust and a better performer in sheltered sites with available moisture	●	
Leptospermum scoparium	Manuka		■	■	■	C	●	●	●			Reliable and robust		
Lomatia myricoides	River Lomatia		■	■		O	●	●	●			Limited availability		
Melaleuca ericifolia	Swamp paperbark	■	■			C	●	●	●	●	●	Reliable and robust	●	
Melicytas dentata	Tree Violet		■	■	■	O	●	●	●	●		Reliable and robust	●	
Myrsine howittiana	Muttonwood		■	■		O	●	●	●	●		Reliable and robust	●	
Notelaea ligustrina	Privet Mock-olive			■	■	L	●	●				Reliable and robust		
Olearia lirata	Snow Daisy-bush		■	■	■	C	●	●	●	●	●	Reliable and robust	●	
Ozothamnus ferrugineus	Tree Everlasting		■	■	■	C	●	●	●	●	●	Reliable and robust	●	●
Pandorea pandorana	Wonga Vine		■	■	■	O	●	●				Limited availability		
Pomaderris aspera	Hazel Pomaderris		■	■		C	●	●	●	●		Reliable and robust	●	
Pomaderris racemosa	Cluster pomoderris		■	■		L	●	●				Limited availability		
Prostanthera lasianthos ssp. *lasianthos*	Victorian Christmas-bush		■	■	■	O	●	●	●	●		Reliable and robust	●	

Key

Planting Zone

1 ■ Bed
2 ■ Lower Bank
3 ■ Upper Bank
4 ■ Verge

Dominance

L Limited
O Occasional
C Common
D Dominant

Vegetation Quality

These columns show the species expected to be present in areas of vegetation at five different quality levels.

1 Very low — Highly degraded with limited social and amenity values
2 Low — Highly modified, fragmented and meets social and amenity requirements
3 Medium — Fragmented remnants
4 High — Relatively intact, structural vegetation elements present with high connectivity
5 Very high — Intact with all structural vegetation elements present and high connectivity

Most suitable for replanting

Plants listed in this column are species which are readily cultivated in nurseries with indigenous plant propagation skills, reliable in revegetation with an expected survival rate of 95% or greater three years post planting – assumes that a high quality plant was supplied (refer to plant standard) and that weed management and planting is undertaken with appropriate skill and diligence.

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VEGETATION SPECIES 18GIP

Botanical name	Common name	Planting zone				Dominance	Vegetation Quality					Comments	Most suitable for replanting	EVC Benchmark
		1	2	3	4		5	4	3	2	1			
GRASSES,SEDGES DICOT HERBS and FERNS														
Acaena novae-zelandiae	Bidgee-widgee			■	■	C	●	●	●	●		Reliable with good site preparation	●	●
Acrotriche prostrata	Trailing Ground-berry			■	■	O	●	●				Not usually planted		
Adiantum aethiopicum	Common Maidenhair		■	■		O	●	●				Not usually planted		●
Austrocynoglossum latifolium	Forest Hound's-tongue		■	■		C	●	●	●	●		Coloniser of disturbed sites - reliable with good site preparation	●	
Blechnum minus	Soft Water-fern		■	■		O	●	●				Usually not planted		●
Blechnum nudum	Fishbone Water-fern		■	■		O	●	●				Usually not planted		●
Blechnum wattsii	Hard Water-fern		■	■		O	●	●				Usually not planted		
Carex appressa	Tall Sedge		■			C	●	●	●	●		Reliable and robust	●	●
Carex fascicularis	Tassel Sedge		■			C	●	●	●			Reliable and robust		
Carex gaudichaudiana	Fen Sedge		■			L	●	●	●			Reliable with good site preparation		
Cyathea australis	Rough Tree-fern		■	■		L	●	●				Not suited to large scale reveg as plants are sourced from natural environments, not readily propagated and expensive to purchase		●
Cyperus lucidus	Leafy Flat-sedge		■			O	●	●	●	●		Reliable and robust	●	
Dianella tasmanica	Tasman Flax-lily			■	■	C	●	●	●	●		Reliable and robust	●	●
Dichondra repens	Kidney-weed			■	■	C	●	●	●			Reliable with good site preparation		●
Dicksonia antarctica	Soft Tree-fern		■			L	●	●				Not suited to large scale reveg as plants are sourced from natural environments, not readily propagated and expensive to purchase		●
Echinopogon ovatus	Common Hedgehog-grass			■	■	L	●	●				Usually not planted		●
Gahnia sieberiana	Red-fruit Saw-sedge		■	■		C	●	●	●	●		Reliable and robust	●	●
Galium propinquum	Maori Bedstraw			■	■	O	●	●	●			Usually not planted		●
Geranium potentilloides	Cinquefoil Cranesbill			■	■	O	●	●	●			Usually not planted		
Hydrocotyle hirta	Hairy Pennywort			■	■	O	●	●	●			Usually not planted		●
Isolepis inundata	Swamp Club-sedge	■	■			C	●	●	●			Reliable with good site preparation		
Juncus amabilis	Hollow Rush	■	■			O	●	●	●	●		Reliable and robust	●	
Juncus procerus	Tall Rush	■	■			O	●	●	●	●	●	Reliable and robust	●	
Juncus sarophorus	Broom Rush	■	■			O	●	●	●	●		Reliable and robust	●	
Lepidosperma elatius	Tall Sword-sedge		■			O	●	●				Previously not available, recent advances in propagation may see an increase in availability		
Lepidosperma laterale var. *majus*	Variable Sword-sedge		■	■		C	●	●	●			Previously not available, recent advances in propagation may see an increase in availability		●
Leptinella filicula	Mountain Cotula		■			L	●	●				Usually not planted		
Lobelia pedunculata s.l.	Matted Pratia		■			L	●	●				Usually not planted		
Lobelia pratioides	Poison Lobelia		■			O	●	●	●			Reliable and robust in moist location		
Lomandra longifolia ssp. *longifolia*	Spiny-headed Mat-rush		■	■	■	D	●	●	●	●		Reliable and robust	●	●
Lycopus australis	Australian Gipsy-wort		■			O	●	●	●	●		Reliable and robust in moist location	●	
Mentha australis	River Mint		■	■		O	●	●	●			Reliable and robust in moist location		
Microlaena stipoides var. *stipoides*	Weeping Grass		■	■	■	O	●	●	●			Maintain remnants by controlling grassy weeds		●
Oxalis corniculata s.l.	Yellow Wood-sorrel			■	■	O	●	●				Usually not planted		●
Poa australis spp. agg.	Tussock Grass			■	■	C	●	●	●			Ideally suited to moist shaded sites		●

Key

Planting Zone

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VEGETATION SPECIES 18GIP

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		1	2	3	4		5	4	3	2	1			
Poa ensiformis	Sword Tussock-grass		■	■		C	●	●	●	●		Ideally suited to moist shaded sites	Y	
Poa labillardierei var. *labillardierei*	Common Tussock-grass		■			O	●	●	●	●		Confine location to river terraces where soil moisture levels are higher	Y	
Poa tenera	Slender Tussock-grass		■	■		O	●	●				Usually not planted		Y
Polystichum proliferum	Mother Shield-fern		■	■		O	●	●				Usually not planted		
Pteridium esculentum	Common Bracken			■	■	C	●	●	●			Not available - may be present via natural regeneration		Y
Rubus parvifolius	Small-leaf Bramble		■	■		O	●	●	●	●		Reliable and robust provides good low habitat.	Y	
Senecio linearifolius	Fireweed Groundsel			■	■	O	●	●	●	●		Disturbance and post fire coloniser	Y	Y
Senecio minimus	Shrubby Fireweed			■	■	O	●	●	●	●		Disturbance and post fire coloniser	Y	
Stellaria pungens	Prickly Starwort			■	■	O	●	●				Usually not planted but often a significant component of ground flora and competitive after disturbance		
Solanum prinifolium	Forest Nightshade		■	■		C	●	●	●			Usually not planted but often a significant component of ground flora and competitive after disturbance		
Tetrarrhena juncea	Forest Wire-grass			■	■	C	●	●	●			Often not planted but reliable dominant post disturbance		Y
Urtica incisa	Scrub Nettle		■	■	■	O	●	●	●			Usually not planted but often a significant component of ground flora and competitive after disturbance		
Viola hederacea sensu Willis (1972)	Ivy-leaf Violet		■	■	■	O	●	●				Usually not planted		Y
SEMI AQUATIC AND AQUATIC HERBS														
Alisma plantago-aquatica	Water Plantain	■				O	●	●	●			Reliable and robust		
Baumea articulata	Jointed Twig-sedge		■			O	●	●	●	●		Reliable and robust	Y	
Baumea rubiginosa sens. lat.	Soft Twig-rush		■			O	●	●	●			Reliable and robust		
Bolboschoenus medianus	Marsh Club-sedge	■	■			O	●	●	●	●		Reliable and robust	Y	
Eleocharis acuta	Common Spike-sedge	■				D	●	●	●	●		Reliable and robust	Y	
Eleocharis sphacelata	Tall Spike-sedge	■				O	●	●	●	●		Reliable and robust	Y	
Myriophyllum crispatum	Upright Water-milfoil	■				O	●	●	●			Reliable and robust		
Persicaria decipens	Slender Knotweed	■	■			C	●	●	●	●		Reliable and robust	Y	
Persicaria praetermissa	Spotted Knotweed	■	■			C	●	●	●			Reliable and robust		
Persicaria subsessilis	Hairy Knotweed	■	■			C	●	●	●			Reliable and robust		
Phragmites australis	Common Reed	■				O	●	●	●			Reliable and robust		
Schoenoplectus tabernaemontani	River Club-sedge	■				D	●	●	●	●		Reliable and robust	Y	

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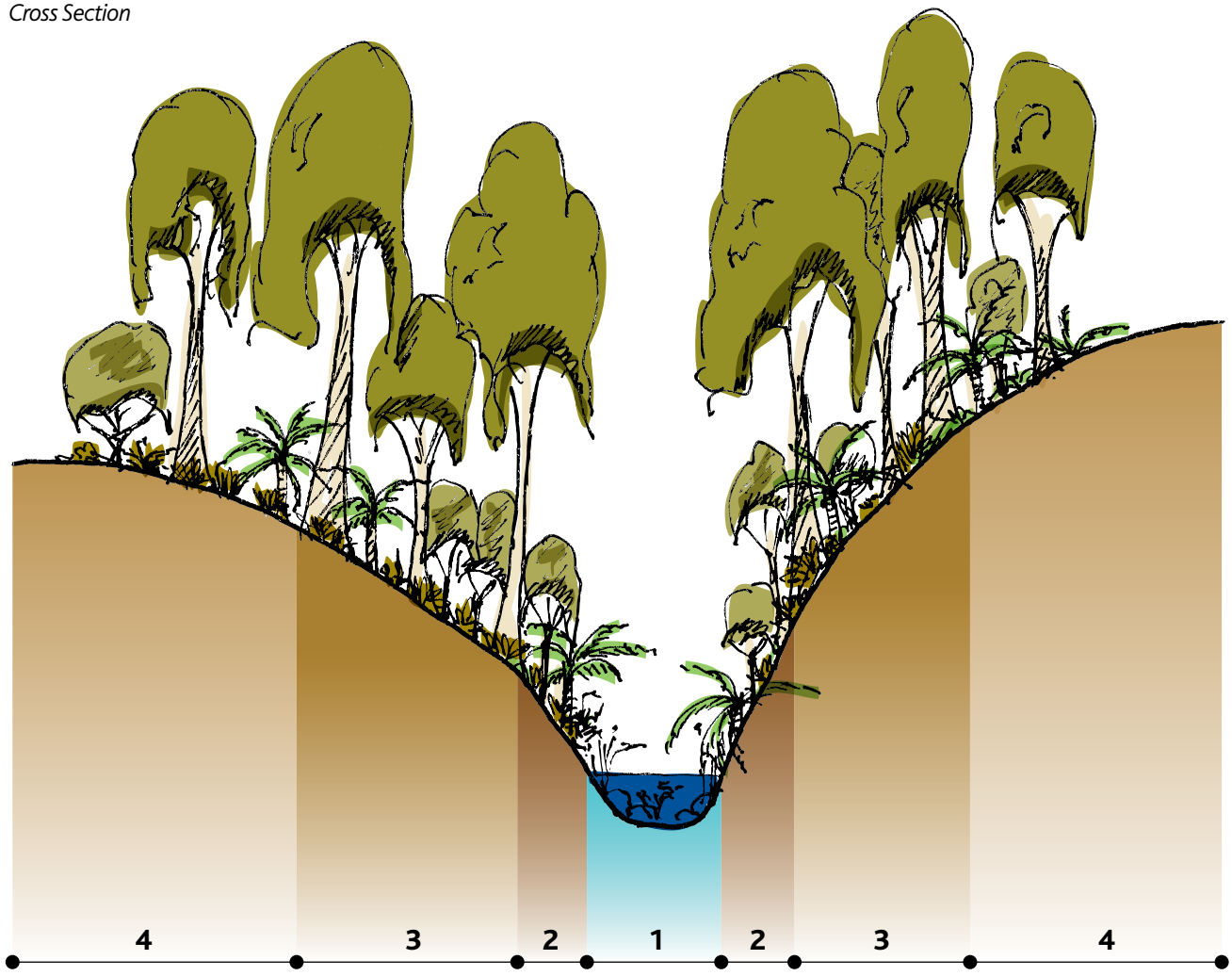
VEGETATION SPECIES

29GIP

EVC 29 DAMP FOREST GIPPSLAND PLAIN

Grows on a wide range of geologies on well-developed generally colluvial soils on a variety of aspects, from sea level to montane elevations. Dominated by a tall eucalypt tree layer to 30 m tall over a medium to tall dense shrub layer of broad-leaved species typical of wet forest mixed with elements from dry forest types. The ground layer includes herbs and grasses as well as a variety of moisture-dependent ferns.

Cross Section



Zone

VEGETATION SPECIES 29GIP

Botanical name	Common name	Planting zone				Dominance	Vegetation Quality					Comments	Most suitable for replanting	EVC Benchmark
		1	2	3	4		5	4	3	2	1			
TREES														
Acacia dealbata	Silver Wattle		■	■	■	C	●	●	●			Usually able to regenerate - exclude or only plant in limited numbers		
Acacia melanoxylon	Blackwood		■	■	■	D	●	●	●	●	●	Reliable and robust	Y	
Eucalyptus cypellocarpa	Mountain Grey-gum		■	■	■	D	●	●	●	●	●	Reliable and robust	Y	Y
Eucalyptus obliqua	Messmate Stringybark			■	■	C	●	●	●	●	●	Reliable and robust	Y	Y
Eucalyptus viminalis	Manna Gum		■	■		O	●	●	●	●	●	Reliable and robust	Y	
SMALL TREES/LARGE - MEDIUM SHRUBS & VINES														
Acacia verticillata	Prickly Moses		■	■	■	C	●	●	●	●	●	Reliable and robust	●	
Bedfordia arborescens	Blanket-leaf		■	■		C	●	●	●			Reliable but requires moist cool conditions		●
Cassinia aculeata	Common Cassinia			■	■	D	●	●	●	●	●	Reliable and robust	●	
Coprosma quadrifida	Prickly Currant-bush		■	■	■	D	●	●	●	●	●	Reliable and robust	●	●
Goodenia ovata	Hop Goodenia		■	■	■	O	●	●	●	●	●	Reliable and robust	●	●
Hedycarya angustifolia	Austral Mulberry		■	■		C	●	●	●			Limited availability		
Leucopogon lanceolatus var. *lanceolatus*	Lance Beard-heath		■	■		L	●	●				Restricted distribution on Mornington Peninsula		●
Olearia argophylla	Musk Daisy-bush		■	■		C	●	●	●	●		Reliable and robust	●	
Olearia lirata	Snow Daisy-bush		■	■	■	D	●	●	●	●		Reliable and robust	●	
Pandorea pandorana	Wonga Vine		■	■		O	●	●				Not available in high numbers		●
Pimelea axiflora	Bootlace Bush		■	■		D	●	●	●			Not generally available		
Pittosporum bicolor	Banyalla		■	■		O	●	●				Reliable and robust - limited availability		
Polyscias sambucifolia	Elderberry Panax			■	■	O	●	●	●			Not available in high numbers, common recoloniser after fire		●
Pomaderris aspera	Hazel Pomaderris		■	■	■	D	●	●	●	●	●	Reliable and robust	●	●
Prostanthera lasianthos	Victorian Christmas-bush		■	■	■	D	●	●	●	●	●	Requires good conditions to establish	●	
Zieria arborescens	Stink-wood		■	■		O	●	●				Propagation limited can be difficult to establish		
GRASSES,SEDGES DICOT HERBS and FERNS														
Acaena novae-zelandiae	Bidgee-widgee		■	■	■	C	●	●	●	●	●	Reliable with good site preparation	●	
Acrotriche prostrata	Trailing Ground-berry			■	■	R	●					Not usually planted		
Austrocynoglossum latifolium	Forest Hounds Tongue		■	■		C	●	●	●			Usually not planted but often a dominant component of ground flora and competitive after disturbance		
Billardiera scandens	Common Apple-berry			■	■	O	●	●	●			Reliable with good site preparation		●
Blechnum cartilagineum	Gristle Fern		■			O	●	●				Usually not planted		●
Blechnum nudum	Fishbone Water-fern		■			O	●	●				Usually not planted		
Blechnum wattsii	Hard Water-fern		■			C	●	●	●			Usually not planted		
Calochlaena dubia	Common Ground-fern		■			O	●	●				Usually not planted		●
Carex appressa	Tall Sedge	■	■			C	●	●	●	●	●	Reliable and robust	●	
Clematis aristata	Mountain Clematis			■	■	C	●	●	●			Reliable with good site preparation		●
Cyathea australis	Rough Tree-fern		■			C	●	●				Not suited to large scale reveg as plants are sourced from natural environments, not readily propagated and expensive to purchase		●

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Dianella caerulea var. *caerulea*	Paroo Lily			■	■	L	●					Not common in the EVC		●
Dianella tasmanica	Tasman Flax-lily		■	■		O	●	●	●	●	●	Reliable and robust	●	●
Dichondra repens	Kidney-weed			■	■	C	●	●	●			Reliable with good site preparation		
Dicksonia antarctica	Soft Tree-fern		■			C	●	●				Not suited to large scale reveg as plants are sourced from natural environments, not readily propagated and expensive to purchase		
Geranium potentilloides	Cinquefoil Cranesbill			■	■	O	●	●				Usually not planted		
Gonocarpus teucrioides s.l.	Germander Raspwort			■	■	C	●	●	●			Reliable but usually not propagated		●
Hierochloe rariflora	Cane Holy-grass			■	■	L	●					Found in East Gippsland - Not in MW region		●
Hydrocotyle hirta	Hairy Pennywort			■	■	O	●	●				Usually not planted		
Hypericum japonicum	Matted St John's Wort		■	■		O	●	●				Usually not planted		
Isolepis inundata	Swamp Club-rush	■	■			O	●	●				Usually not planted		
Lagenophora stipitata	Common Bottle-daisy			■	■	O	●	●				Usually not planted		●
Lepidosperma elatius	Tall Sword-sedge	■	■			D	●	●	●			Previously not available, recent advances in propagation may see an increase in availability		
Lepidosperma laterale	Variable Sword-sedge		■			D	●	●	●			Previously not available, recent advances in propagation may see an increase in availability		●
Lobelia pedunculata s.l.	Matted Pratia	■	■			L	●	●				Usually not planted		
Lomandra longifolia	Spiny-headed Mat-rush			■	■	C	●	●	●	●	●	Reliable and robust	●	●
Microlaena stipoides var. *stipoides*	Weeping Grass			■	■	D	●	●	●			Maintain remnants by controlling grassy weeds		●
Oxalis exilis	Shady Wood-sorrel			■	■	O	●	●				Generally not propagated		
Poa ensiformis	Sword Tussock-grass			■	■	C	●	●	●	●		Reliable and robust	●	
Poa labillardierei	Common Tussock-grass		■			D	●	●	●	●		Reliable and robust if used in damp area	●	●
Poa tenera	Slender Tussock-grass			■	■	O	●	●				Usually not planted		
Polystichum proliferum	Mother Shield-fern		■			D	●	●	●			Usually not planted		●
Poranthera microphylla	Small Poranthera			■	■	O	●	●				Usually not planted		●
Pteridium esculentum	Austral Bracken			■	■	D	●	●	●			Not available - may be present via natural regeneration		●
Sambucus gaudichaudiana	White Elderberry			■	■	O	●	●	●			Disturbance and post fire coloniser		
Senecio minimus	Shrubby Fireweed		■	■		C	●	●	●			Disturbance and post fire coloniser		
Sigesbeckia orientalis	Indian Weed		■	■		O	●	●	●			Disturbance and post fire coloniser		
Solanum prinophyllum	Forest Nightshade		■	■		C	●	●	●			Usually not planted but often a dominant component of ground flora and competitive after disturbance		
Smilax australis	Austral Sarsaparilla		■	■		R	●					Found in East Gippsland - Not in MW region		●
Stellaria flaccida	Forest Starwort		■	■		O	●	●	●			Usually not planted but often a dominant component of ground flora and competitive after disturbance		
Tetrarrhena juncea	Forest Wire-grass		■	■	■	C	●	●	●			Often not planted but reliable dominant post disturbance		●
Urtica incisa	Scrub Nettle		■	■	■	C	●	●	●			Usually not planted but often a dominant component of ground flora and competitive after disturbance		
Viola hederacea sensu Willis (1972)	Ivy-leaf Violet		■	■		C	●	●	●			Usually not planted		●

Key

Planting Zone

1 ■ Bed
2 ■ Lower Bank
3 ■ Upper Bank
4 ■ Verge

Dominance

L Limited
O Occasional
C Common
D Dominant

Vegetation Quality

These columns show the species expected to be present in areas of vegetation at five different quality levels.

1 Very low Highly degraded with limited social and amenity values
2 Low Highly modified, fragmented and meets social and amenity requirements
3 Medium Fragmented remnants
4 High Relatively intact, structural vegetation elements present with high connectivity
5 Very high Intact with all structural vegetation elements present and high connectivity

Most suitable for replanting

Plants listed in this column are species which are readily cultivated in nurseries with indigenous plant propagation skills, reliable in revegetation with an expected survival rate of 95% or greater three years post planting – assumes that a high quality plant was supplied (refer to plant standard) and that weed management and planting is undertaken with appropriate skill and diligence.

EVC Benchmark

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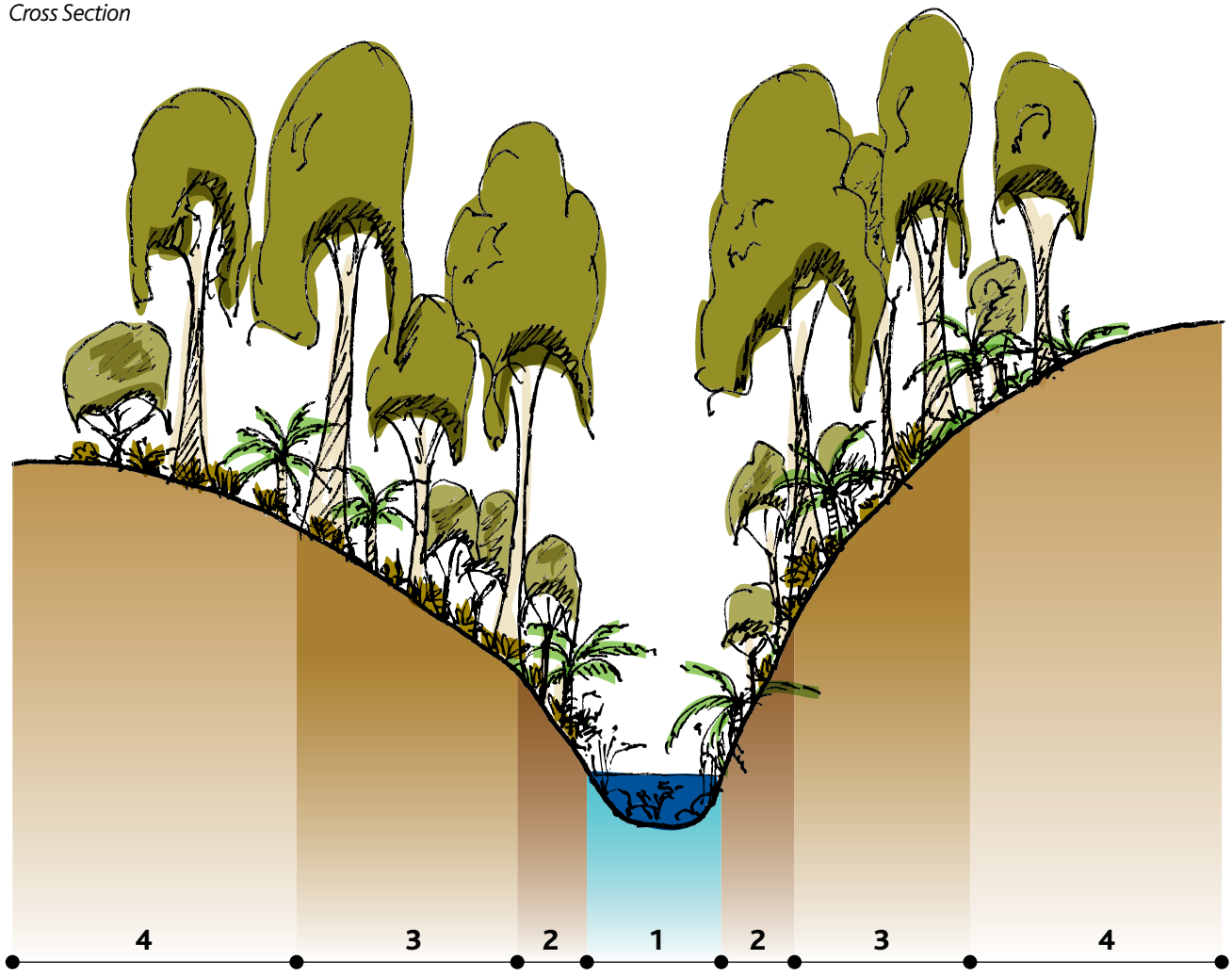
VEGETATION SPECIES

29STZ

EVC 29 DAMP FOREST STRZELECKI RANGES

Grows on a wide range of geologies on well-developed generally colluvial soils on a variety of aspects, from sea level to montane elevations. Dominated by a tall eucalypt tree layer to 30 m tall over a medium to tall dense shrub layer of broad-leaved species typical of wet forest mixed with elements from dry forest types. The ground layer includes herbs and grasses as well as a variety of moisture-dependent ferns.

Cross Section



Zone

VEGETATION SPECIES 29STZ

Botanical name	Common name	Planting zone				Dominance	Vegetation Quality					Comments	Most suitable for replanting	EVC Benchmark
		1	2	3	4		5	4	3	2	1			
TREES														
Acacia dealbata	Silver Wattle		■	■	■	C	●	●	●			Usually able to regenerate - exclude or only plant in limited numbers		
Acacia melanoxylon	Blackwood		■	■	■	D	●	●	●	●	●	Reliable and robust	●	●
Eucalyptus cypellocarpa	Mountain Grey-gum		■	■	■	C	●	●	●	●	●	Reliable and robust - check local occurrence	●	●
Eucalyptus globulus ssp. *bicostata*	Eurabbie			■	■	C	●	●	●	●	●	Reliable and robust - check local occurrence	●	●
Eucalyptus obliqua	Messmate Stringybark			■	■	O	●	●	●	●	●	Reliable and robust	●	●
SMALL TREES/LARGE - MEDIUM SHRUBS & VINES														
Acacia verticillata	Prickly Moses		■	■	■	C	●	●	●	●	●	Reliable and robust	●	
Bedfordia arborescens	Blanket-leaf		■	■		C	●	●	●			Reliable but requires moist cool conditions		
Bursaria spinosa	Sweet Bursaria			■	■	C	●	●	●	●		Reliable and robust	●	
Cassinia aculeata	Common Cassinia			■	■	D	●	●	●	●	●	Reliable and robust	●	●
Coprosma quadrifida	Prickly Currant-bush		■	■	■	D	●	●	●	●	●	Reliable and robust	●	●
Goodenia ovata	Hop Goodenia		■	■	■	O	●	●	●	●	●	Reliable and robust	●	●
Hedycarya angustifolia	Austral Mulberry		■	■		C	●	●	●			Limited availability		
Olearia argophylla	Musk Daisy-bush		■	■		C	●	●	●	●		Reliable and robust	●	●
Olearia lirata	Snow Daisy-bush		■	■	■	D	●	●	●	●		Reliable and robust	●	●
Pandorea pandorana	Wonga Vine		■	■		O	●	●				Not available in high numbers		●
Pimelea axiflora	Bootlace Bush		■	■		D	●	●	●			Not generally available		
Pittosporum bicolor	Banyalla			■	■	O	●	●	●			Reliable and robust - limited availability		
Polyscias sambucifolia	Elderberry Pana		■	■		O	●	●	●			Not available in high numbers, common recoloniser after fire		
Pomaderris aspera	Hazel Pomaderris		■	■	■	D	●	●	●	●	●	Reliable and robust	●	●
Prostanthera lasianthos	Victorian Christmas-bush		■	■	■	D	●	●	●	●	●	Requires good conditions to establish	●	
Zieria arborescens	Stink-wood		■	■		O	●	●				Propagation limited, can be difficult to establish		
GRASSES,SEDGES DICOT HERBS and FERNS														
Acaena novae-zelandiae	Bidgee-widgee		■	■	■	C	●	●	●	●	●	Reliable with good site preparation	●	●
Acrotriche prostrata	Trailing Ground-berry			■	■	L	●					Not usually planted		
Austrocynoglossum latifolium	Forest Hounds-tongue		■	■		C	●	●	●			Usually not planted but often a dominant component of ground flora and competitive after disturbance		
Billardiera scandens	Common Apple-berry			■	■	O	●	●	●			Reliable with good site preparation		
Blechnum cartilagineum	Gristle Fern		■			O	●	●				Usually not planted		
Blechnum nudum	Fishbone Water-fern		■			O	●	●				Usually not planted		
Blechnum wattsii	Hard Water-fern		■			C	●	●	●			Usually not planted		
Calochlaena dubia	Common Ground-fern		■			O	●	●				Usually not planted		●
Carex appressa	Tall Sedge	■	■			C	●	●	●	●	●	Reliable and robust	●	
Clematis aristata	Mountain Clematis			■	■	C	●	●	●			Reliable with good site preparation		●
Cyathea australis	Rough Tree-fern		■			C	●	●				Not suited to large scale reveg as plants are sourced from natural environments, not readily propagated and expensive to purchase		●

Key

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4 Verge

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VEGETATION SPECIES 29STZ

Botanical name	Common name	Planting zone				Dominance	Vegetation Quality					Comments	Most suitable for replanting	EVC Benchmark
		1	2	3	4		5	4	3	2	1			
Dianella tasmanica	Tasman Flax-lily		■	■		O	●	●	●	●	●	Reliable and robust	●	
Dichondra repens	Kidney-weed			■	■	C	●	●	●			Reliable with good site preparation		
Dicksonia antarctica	Soft Tree-fern		■			C	●	●				Not suited to large scale reveg as plants are sourced from natural environments, not readily propagated and expensive to purchase		
Gahnia sieberiana	Red-fruit Saw-sedge		■	■		O	●	●	●	●		Reliable and robust	●	
Geranium potentilloides	Cinquefoil Cranesbill			■	■	O	●	●				Usually not planted		●
Gonocarpus teucrioides s.l.	Germander Raspwort			■	■	C	●	●	●			Reliable but usually not propagated		
Hydrocotyle hirta	Hairy Pennywort			■	■	O	●	●				Usually not planted		
Hypericum japonicum	Matted St John's Wort		■	■		O	●	●				Usually not planted		
Isolepis inundata	Swamp Club-rush	■	■			O	●	●				Usually not planted		
Kunzea ericoides	Burgan		■	■		C	●	●	●			Reliable and robust		
Lagenophora stipitata	Common Bottle-daisy			■	■	O	●	●				Usually not planted		
Lepidosperma elatius	Tall Sword-sedge	■	■			D	●	●	●			Previously not available, recent advances in propagation may see an increase in availability		
Lepidosperma laterale	Variable Sword-sedge		■			D	●	●	●			Previously not available, recent advances in propagation may see an increase in availability		●
Lobelia pedunculata s.l.	Matted Pratia	■	■			L	●	●				Usually not planted		
Lomandra longifolia	Spiny-headed Mat-rush			■	■	C	●	●	●	●	●	Reliable and robust	●	●
Microlaena stipoides var. *stipoides*	Weeping Grass			■	■	D	●	●	●			Maintain remnants by controlling grassy weeds		●
Oxalis exilis	Shady Wood-sorrel			■	■	O	●	●				Generally not propagated		
Poa ensiformis	Sword Tussock-grass		■	■		D	●	●	●	●		Reliable and robust	●	
Poa labillardierei	Common Tussock-grass		■			D	●	●	●	●		Reliable and robust if used in damp area	●	
Poa tenera	Slender Tussock-grass			■	■	O	●	●				Usually not planted		
Polystichum proliferum	Mother Shield-fern		■			D	●	●	●			Usually not planted		●
Poranthera microphylla	Small Poranthera			■	■	O	●	●				Usually not planted		
Pteridium esculentum	Austral Bracken			■	■	D	●	●	●			Not available - may be present via natural regeneration		●
Sambucus gaudichaudiana	White Elderberry		■	■		O						Disturbance and post fire coloniser		
Secencio linearfolius	Fireweed Groundsel			■	■	C	●	●	●	●		Common coloniser, particularly after disturbance	●	●
Senecio minimus	Shrubby Fireweed		■	■		C	●	●	●			Disturbance and post fire coloniser		
Sigesbeckia orientalis	Indian Weed			■	■	O						Disturbance and post fire coloniser		
Solanum prinophyllum	Forest Nightshade		■	■		C	●	●	●			Usually not planted but often a dominant component of ground flora and competitive after disturbance		
Stellaria flaccida	Forest Starwort		■	■		O	●	●	●			Usually not planted but often a dominant component of ground flora and competitive after disturbance		●
Tetrarrhena juncea	Forest Wire-grass		■	■	■	C	●	●	●			Often not planted but reliable dominant post disturbance		●
Urtica incisa	Scrub Nettle		■	■	■	C	●	●	●			Usually not planted but often a dominant component of ground flora and competitive after disturbance		
Viola hederacea sensu Willis (1972)	Ivy-leaf Violet		■	■		C	●	●	●			Usually not planted		●

Key

Planting Zone

1 Bed
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4 Verge

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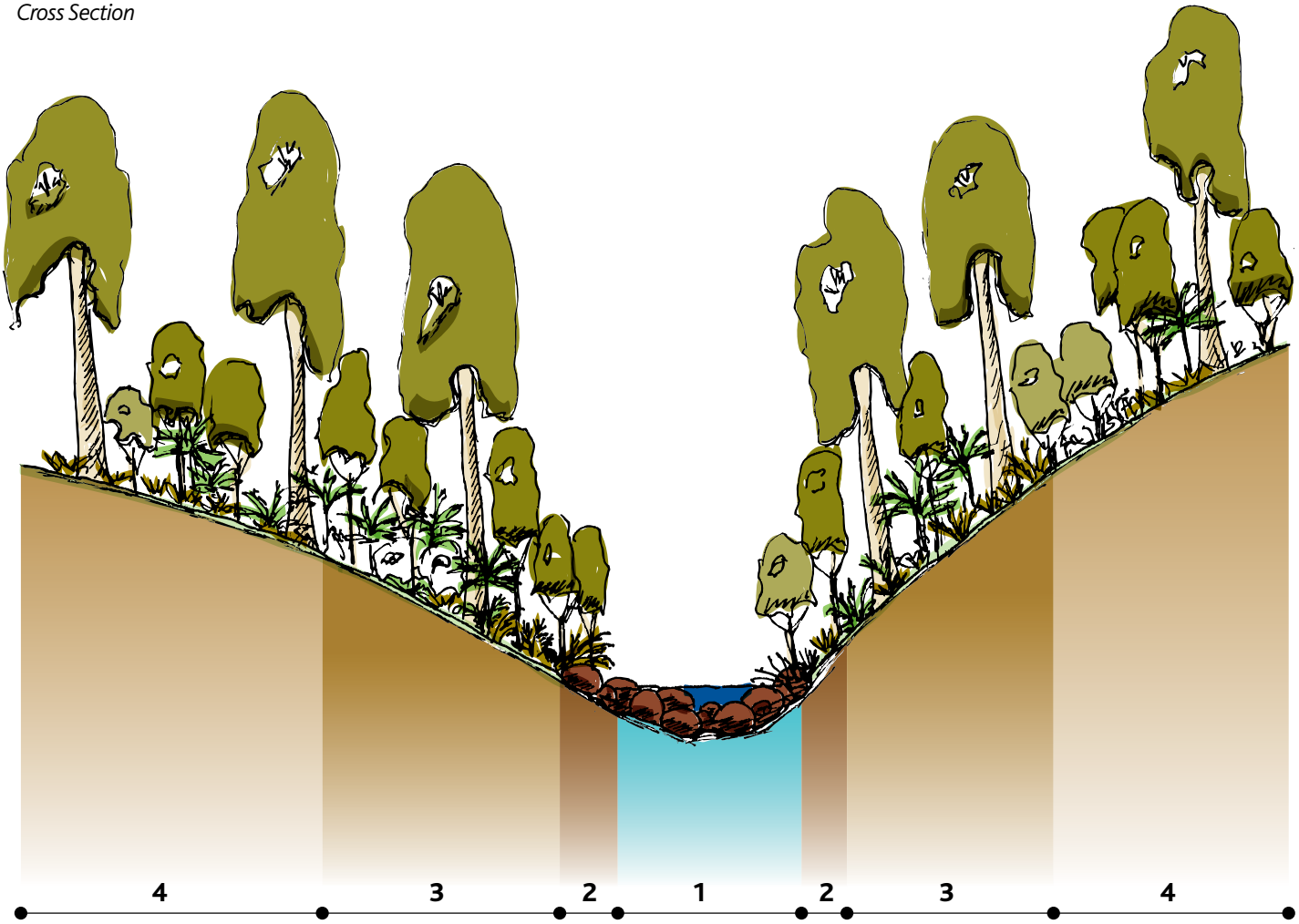
VEGETATION SPECIES

30GIP

EVC 30 WET FOREST GIPPSLAND PLAINS

Grows on fertile, well-drained loamy soils on a range of geologies and elevation levels. It is largely restricted to protected sites in gullies and on southern aspects of hills and mountains where rainfall is high and cloud cover at ground level is frequent. Characterised by a tall eucalypt overstorey to 30 m tall with scattered understorey trees over a tall broad-leaved shrubby understorey and a moist, shaded, fern-rich ground layer that is usually dominated by tree-ferns.

Cross Section



VEGETATION SPECIES 30GIP

Botanical name	Common name	Planting zone				Dominance	Vegetation Quality					Comments	Most suitable for replanting	EVC Benchmark
		1	2	3	4		5	4	3	2	1			
TREES														
Acacia dealbata ssp. dealbata	Silver Wattle		■	■	■	L	●	●	●		●	Usually able to regenerate - avoid planting or use in limited numbers		●
Acacia melanoxylon	Blackwood		■	■	■	C	●	●	●	●	●	Reliable and robust	●	●
Atherosperma moschatum ssp. *moschatum*	Southern Sassafras		■	■		O	●	●	●			Limited availability		
Eucalyptus cypellocarpa	Mountain Grey-gum			■	■	O	●	●	●	●	●	Reliable and robust	●	●
Eucalyptus obliqua	Messmate		■	■	■	O	●	●	●	●	●	Reliable and robust	●	●
Eucalyptus regnans	Mountain Ash		■	■	■	C	●	●	●	●		Consideration may need to be given to limiting this species in reveg due to the size of mature trees	●	
Eucalyptus viminalis ssp. *viminalis*	Manna Gum		■	■	■	C	●	●	●	●	●	Reliable and robust	●	●
Eucalyptus globulus ssp. *pseudoglobulus*	Gippsland Blue-gum					-	-	-	-	-	-	Not usually found in West Gippsland		●
SMALL TREES/LARGE - MEDIUM SHRUBS & VINES														
Bedfordia arborescens	Blanket-leaf		■	■	■	C	●	●	●	●		Reliable but requires moist cool conditions	●	
Billardiera scandens	Common Apple-berry		■	■	■	O	●	●	●			Limited availability		●
Cassinia aculeata	Common Cassinia		■	■	■	O	●	●	●	●	●	Reliable and robust	●	●
Cassinia longifolia	Shiny Cassinia		■	■	■	C	●	●	●	●	●	Reliable and robust	●	●
Clematis aristata	Mountain Clematis		■	■	■	O	●	●	●	●		Limited availability	●	●
Comesperma volubile	Love Creeper		■	■		O	●	●	●			Rarely propagated		●
Coprosma quadrifida	Prickly Current-bush		■	■	■	O	●	●	●	●	●	Reliable and robust	●	
Correa lawrenceana	Mountain Correa			■	■	L	●	●	●			Reliable and robust but not as easily propagated as many other species		
Goodenia ovata	Hop Goodenia			■	■	O	●	●	●	●	●	Reliable and robust	●	●
Hedycarya angustifolia	Austral Mulberry		■	■	■	O	●	●	●	●		Reliable and robust but not as easily propagated as many other species	●	
Lomatia fraseri	Tree Lomatia		■	■	■	O	●	●				Reliable and robust but not as easily propagated as many other species		
Myrsine howittiana	Mutton-wood		■	■		O	●	●	●	●		Reliable and robust	●	
Olearia argophylla	Musk Daisy-bush		■	■	■	C	●	●	●	●	●	Reliable and robust but not as easily propagated as many other species	●	●
Olearia lirata	Snowy Daisy-bush		■	■	■	C	●	●	●	●	●	Reliable and robust	●	
Ozothamnus ferrugineus	Tree Everlasting		■	■	■	O	●	●	●	●	●	Reliable and robust	●	●
Pandorea pandorana	Wonga Vine		■	■	■	O	●	●	●			Not available in high numbers		
Parsonsia brownii	Twining Silkpod		■	■	■	L	●	●				Rarely propagated		
Pimelea axiflora ssp. *axiflora*	Bootlace Bush		■	■	■	O	●	●	●			Propagation very difficult but responds to disturbance and regenerates en mass		
Pittosporum bicolor	Banyalla		■	■	■	O	●	●				Propagation very difficult and rarely planted		
Polyscias sambucifolia ssp. 1	Broad-leaf Panax		■	■	■	O	●	●	●	●		Not available in high numbers, common recoloniser after fire	●	
Pomaderris aspera	Hazel Pomaderris		■	■	■	C	●	●	●	●	●	Reliable and robust	●	●
Rhytidosporum procumbens	White Marianth			■	■	L	●					Rarely propagated		●
Zieria arborescens	Stinkwood			■	■	O	●	●	●			Propagation limited, can be difficult to establish		

Key

Planting Zone

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VEGETATION SPECIES 30GIP

Botanical name	Common name	Planting zone				Dominance	Vegetation Quality					Comments	Most suitable for replanting	EVC Benchmark
		1	2	3	4		5	4	3	2	1			
SMALL SHRUBS, GRASSES,SEDGES DICOT HERBS and FERNS														
Acaena novae-zelandiae	Bidgee-widgee			■	■	C	●	●	●	●		Reliable and robust	●	
Asplenium bulbiferum ssp. *gracillimum*	Mother Spleenwort		■	■		D	●	●				Usually not planted		
Australina pusilla ssp. *muelleri*	Shade Nettle		■	■	■	O	●	●				Usually not planted		
Austrocynoglossum latifolium	Forest Hound's-tongue		■	■	■	O	●	●	●			Usually not planted but often a dominant component of ground flora and competitive after disturbance		
Blechnum cartilagineum	Gristle Fern		■	■		C	●	●	●			Usually not planted		●
Blechnum fluviatile	Ray Waterfern		■	■	■	O	●	●				Usually not planted		
Blechnum wattsii	Hard Water-fern		■	■	■	L	●	●				Usually not planted		
Calochlaena dubia	Common Ground-fern		■	■		O	●	●				Usually not planted		●
Carex appressa	Tall Sedge		■	■	■	C	●	●	●	●	●	Reliable and robust	●	
Cyathea australis	Rough Tree-fern		■	■		O	●	●	●			Not suited to large scale revegetation as plants are sourced from natural environments, not readily propagated and expensive to purchase		●
Cyperus lucidus	Leafy Flat-sedge	■	■			O	●	●	●	●	●	Reliable and robust	●	●
Dianella tasmanica	Tasman Flax-lily		■	■	■	O	●	●	●	●	●	Reliable and robust	●	●
Dichondra repens	Kidney-weed		■	■	■	O	●	●	●	●		Easily propagated can be difficult to establish due to diminutive size	●	●
Dicksonia antarctica	Soft Tree-fern		■	■		O	●	●	●			Not suited to large scale revegetation as plants are sourced from natural environments, not readily propagated and expensive to purchase		●
Gahnia radula	Thatch Saw-sedge			■	■	O	●	●	●			Can not be propagated in useable quantities		●
Gahnia sieberiana	Red-fruit Saw-sedge		■	■		C	●	●	●	●	●	Reliable and robust	●	
Gonocarpus teucrioides s.l.	Germander Raspwort		■	■	■	O	●	●	●			Usually not planted		●
Grammitis billardierei	Common Finger-fern		■	■		L	●					Usually not planted		
Hydrocotyle hirta	Hairy Pennywort		■	■		L	●	●				Usually not planted		
Isolepis inundata	Swamp Club-rush	■	■			O	●	●				Usually not planted		
Juncus gregiflorus	Green Rush	■	■			O	●	●	●	●	●	Reliable and robust	●	
Juncus pallidus	Pale Rush	■	■			O	●	●	●			Reliable and robust		●
Juncus procerus	Tall Rush	■	■			O	●	●	●	●	●	Reliable and robust	●	
Lagenophora stipitata	Common Bottle-daisy		■	■		L	●					Can not be propagated in useable quantities		●
Lepidosperma elatius var. *elatius*	Tall Sword-sedge		■	■	■	C	●	●	●			Can not be propagated in useable quantities		
Leptostigma reptans	Dwarf Nertera			■	■	L	●					Can not be propagated in useable quantities		
Lomandra longifolia	Spiny-headed Mat-rush		■	■	■	C	●	●	●	●	●	Reliable and robust	●	●
Mentha laxiflora	Forest Mint			■	■	O	●	●				Usually not planted		
Microlaena stipoides var. *stipoides*	Weeping Grass		■	■	■	O	●	●	●			Maintain remnants by controlling grassy weeds		●
Microsorum pustulatum	Kangaroo Fern		■	■	■	O	●	●				Requires sheltered shady sites not appropriate for revegetation		
Oxalis corniculata s.l.	Yellow Wood-sorrel		■	■		O	●	●				Generally not propagated		●
Poa australis spp. agg.	Tussock Grass		■	■	■	O	●	●				Reliable		●
Poa ensiformis	Sword Tussock-grass		■	■	■	C	●	●	●	●	●	Reliable and robust and a better performer in the shade than Poa labillardierei	●	
Poa labillardierei	Common Tussock-grass		■	■	■	O	●	●	●	●		Reliable and robust in more open areas	●	●

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VEGETATION SPECIES 30GIP

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Polystichum proliferum	Mother Shield-fern		■	■	■	D	●	●	●			Easy to propagate but limited availability		
Pteridium esculentum	Common Bracken			■	■	O	●	●	●			Can not be propagated in useable quantities		●
Rhytidosporum procumbens	White Marianth		■	■	■	L	●	●				Not available - may be present via natural regeneration		●
Sambucus gaudichaudiana	White Elderberry		■	■	■	O	●	●	●			Disturbance and post fire coloniser		
Senecio glomeratus	Annual Fireweed			■	■	O	●	●	●	●		Disturbance and post fire coloniser	●	●
Senecio linearifolius sens. lat.	Fireweed Groundsel			■	■	C	●	●	●	●		Disturbance and post fire coloniser	●	
Senecio velleioides	Forest Groundsel			■	■	O	●	●				Disturbance and post fire coloniser		●
Solanum prinifolium	Forest Nightshade		■	■		C	●	●	●			Usually not planted but often a significant component of ground flora and competitive after disturbance		
Sticherus lobatus	Spreading Fan-fern		■	■		O	●					Usually not planted		●
Tetrarrhena juncea	Forest Wire-grass		■	■	■	C	●	●	●			Often not planted but reliable dominant post disturbance		●
Urtica incisa	Scrub Nettle		■	■	■	O	●	●	●			Usually not planted but often a dominant component of ground flora and competitive after disturbance		
Viola hederacea sensu Willis (1972)	Ivy-leaf Violet		■	■		O	●	●	●			Reliable		●

Key

Planting Zone

1 Bed
2 Lower Bank
3 Upper Bank
4 Verge

Dominance

L Limited
O Occasional
C Common
D Dominant

Vegetation Quality

These columns show the species expected to be present in areas of vegetation at five different quality levels.

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2 Low Highly modified, fragmented and meets social and amenity requirements
3 Medium Fragmented remnants
4 High Relatively intact, structural vegetation elements present with high connectivity
5 Very high Intact with all structural vegetation elements present and high connectivity

Most suitable for replanting

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EVC Benchmark

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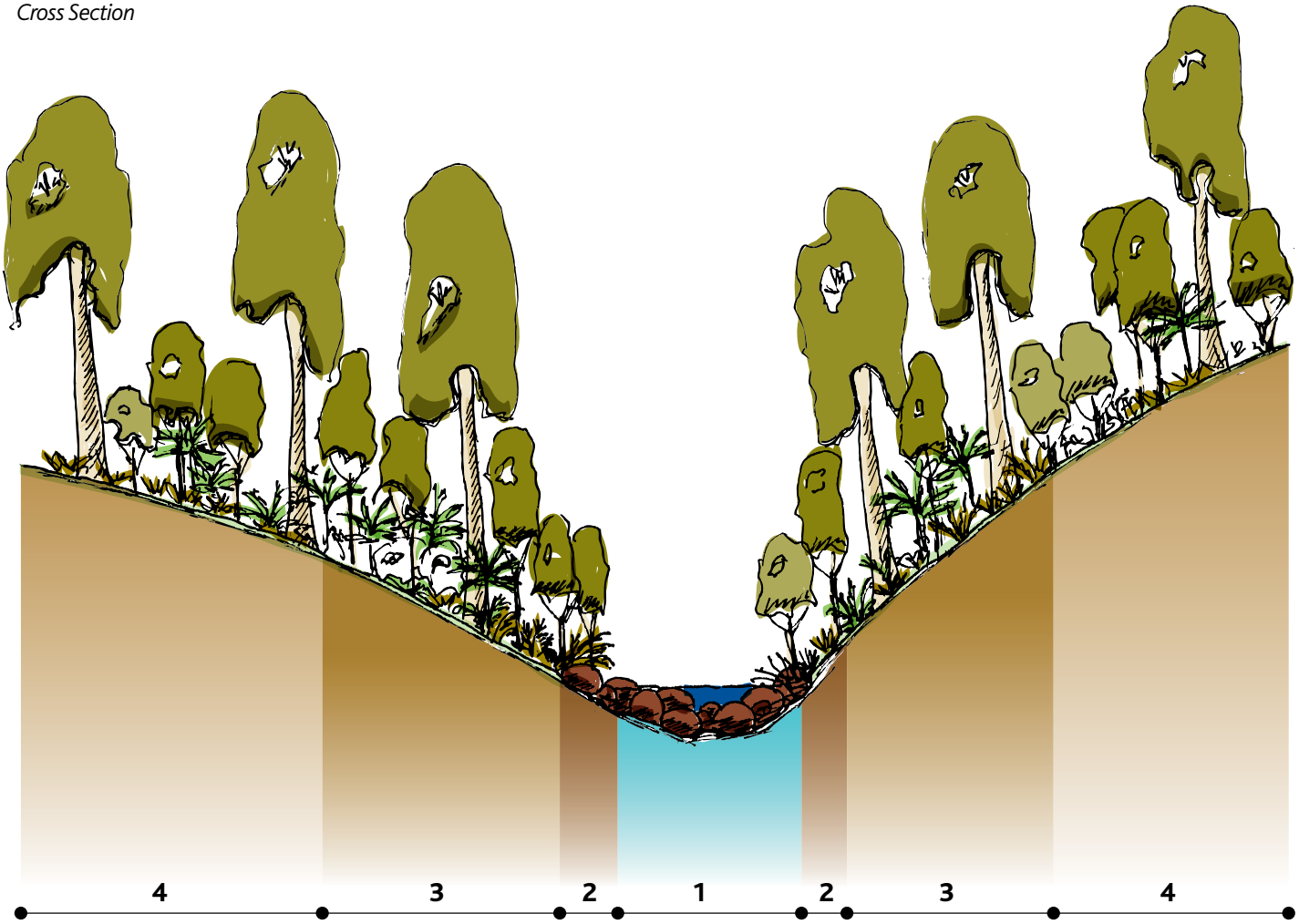
VEGETATION SPECIES

30STZ

EVC 30 WET FOREST
STRZELECKI RANGES

Grows on fertile, well-drained loamy soils on a range of geologies and elevation levels. It is largely restricted to protected sites in gullies and on southern aspects of hills and mountains where rainfall is high and cloud cover at ground level is frequent. Characterised by a tall eucalypt overstorey to 30 m tall with scattered understorey trees over a tall broad-leaved shrubby understorey and a moist, shaded, fern-rich ground layer that is usually dominated by tree-ferns.

Cross Section



VEGETATION SPECIES 30STZ

Botanical name	Common name	Planting zone				Dominance	Vegetation Quality					Comments	Most suitable for replanting	EVC Benchmark
		1	2	3	4		5	4	3	2	1			
TREES														
Acacia dealbata ssp. *dealbata*	Silver Wattle		■	■	■	L	●	●	●			Usually able to regenerate and often planted in limited numbers		●
Acacia melanoxylon	Blackwood		■	■	■	C	●	●	●	●	●	Reliable and robust	●	
Atherosperma moschatum ssp. *moschatum*	Southern Sassafras		■	■		O	●	●	●			Limited availability		
Eucalyptus cypellocarpa	Mountain Grey Gum			■	■	O	●	●	●	●	●	Reliable and robust	●	
Eucalyptus obliqua	Messmate		■	■	■	O	●	●	●	●	●	Reliable and robust	●	●
Eucalyptus regnans	Mountain Ash		■	■	■	C	●	●	●	●		Consideration may need to be given to limiting this species in revegetation due to the size of mature trees. It is however a reliable and very important component of this EVC	●	●
Eucalyptus viminalis ssp. *viminalis*	Manna Gum		■	■	■	C	●	●	●	●	●	Reliable and robust	●	
Eucalyptus globulus ssp. *pseudoglobulus*	Gippsland Blue Gum					-	-	-	-	-	-	Not usually found in West Gippsland		●
SMALL TREES/LARGE - MEDIUM SHRUBS & VINES														
Bedfordia arborescens	Blanket-leaf		■	■	■	C	●	●	●	●		Reliable but requires moist cool conditions	●	●
Billardiera scandens	Common Apple-berry		■	■	■	O	●	●	●			Limited availability		
Cassinia aculeata	Common Cassinia		■	■	■	O	●	●	●	●	●	Reliable and robust	●	
Cassinia longifolia	Shiny Cassinia		■	■	■		●	●	●	●	●	Reliable and robust	●	
Clematis aristata	Mountain Clematis		■	■	■	O	●	●	●	●		Limited availability	●	●
Comesperma volubile	Love Creeper		■	■		O	●	●				Rarely propagated		
Coprosma quadrifida	Prickly Currant-bush		■	■	■	O	●	●	●	●	●	Reliable and robust	●	●
Correa lawrenceana	Mountain Correa			■	■	L	●	●				Reliable and robust but not as easily propagated as many other species		
Goodenia ovata	Hop Goodenia		■	■	■	O	●	●	●	●		Reliable and robust	●	
Hedycarya angustifolia	Austral Mulberry		■	■	■	O	●	●				Reliable and robust but not as easily propagated as many other species		●
Lomatia fraseri	Tree Lomatia		■	■	■	C	●	●	●	●	●	Reliable and robust but not as easily propagated as many other species	●	
Myrsine howittiana	Mutton-wood		■	■		O	●	●	●	●		Reliable and robust	●	
Olearia argophylla	Musk Daisy-bush		■	■	■	O	●	●	●	●	●	Reliable and robust	●	●
Olearia lirata	Snowy Daisy-bush		■	■	■	C	●	●	●	●	●	Reliable and robust	●	●
Ozothamnus ferrugineus	Tree Everlasting		■	■	■	O	●	●	●			Not available in high numbers		
Pandorea pandorana	Wonga Vine		■	■	■	L	●	●				Rarely propagated		●
Parsonsia brownii	Twining Silkpod		■	■	■	O	●	●	●			Propagation very difficult but responds to disturbance and regenerates en mass		
Pimelea axiflora ssp. *axiflora*	Bootlace Bush		■	■	■	O	●	●				Propagation very difficult and rarely planted		
Pittosporum bicolor	Banyalla		■	■	■	O	●	●	●	●		Not available in high numbers, common recoloniser after fire	●	
Polyscias sambucifolia ssp. 1	Broad-leaf Panax		■	■	■	C	●	●	●	●	●	Reliable and robust	●	
Pomaderris aspera	Hazel Pomaderris		■	■	■	C	●	●	●	●	●	Reliable and robust	●	●
Zieria arborescens	Stinkwood		■	■		O	●	●	●			Propagation limited, can be difficult to establish		

Key

Planting Zone

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Most suitable for replanting

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VEGETATION SPECIES 30STZ

Botanical name	Common name	Planting zone				Dominance	Vegetation Quality					Comments	Most suitable for replanting	EVC Benchmark
		1	2	3	4		5	4	3	2	1			
SMALL SHRUBS, GRASSES,SEDGES DICOT HERBS and FERNS														
Acaena novae-zelandiae	Bidgee-widgee			■	■	C	●	●	●	●		Reliable and robust	●	
Asplenium bulbiferum ssp. *gracillimum*	Mother Spleenwort		■	■			●	●				Usually not planted		●
Australina pusilla ssp. *muelleri*	Shade Nettle		■	■	■	O	●	●	●			Usually not planted		●
Austrocynoglossum latifolium	Forest Hound's-tongue		■	■	■	O	●	●	●			Usually not planted but often a dominant component of ground flora and competitive after disturbance		
Blechnum cartilagineum	Gristle Fern		■	■		C	●	●	●			Usually not planted		
Blechnum fluviatile	Ray Water-fern		■	■	■	O	●	●				Usually not planted		
Blechnum wattsii	Hard Water-fern		■	■	■	L	●	●				Usually not planted		
Calochlaena dubia	Common Ground-fern		■	■		O	●	●				Usually not planted		
Carex appressa	Tall Sedge		■	■	■	C	●	●	●	●	●	Reliable and robust	●	
Cyathea australis	Rough Tree-fern		■	■		O	●	●	●			Not suited to large scale reveg as plants are sourced from natural environments, not readily propagated and expensive to purchase		●
Cyperus lucidus	Leafy Flat-sedge	■	■			O	●	●	●	●	●	Reliable and robust	●	
Dianella tasmanica	Tasman Flax-lily		■	■	■	O	●	●	●	●	●	Reliable and robust	●	
Dichondra repens	Kidney-weed		■	■	■	O	●	●	●	●		Easily propagated can be difficult to establish due to diminutive size	●	
Dicksonia antarctica	Soft Tree-fern		■	■		O	●	●	●			Not suited to large scale reveg as plants are sourced from natural environments, not readily propagated and expensive to purchase		●
Fieldia australis	Fieldia			■	■	L	●					Epiphyte or climber not suitable for reveg.		●
Gahnia radula	Thatch Saw-sedge			■	■	O	●	●	●			Can not be propagated in useable quantities		
Gahnia sieberiana	Red-fruit Saw-sedge		■	■		C	●	●	●	●	●	Reliable and robust	●	
Gonocarpus teucrioides s.l.	Germander Raspwort		■	■	■	O	●	●	●			Usually not planted		
Grammitis billardierei	Common Finger-fern		■	■		L	●					Usually not planted		●
Histiopteris incisa	Bat's Wing Fern		■	■		L	●					Usually not planted		
Hydrocotyle hirta	Hairy Pennywort		■	■		L	●	●				Usually not planted		●
Isolepis inundata	Swamp Club-rush	■	■			O	●	●				Usually not planted		
Juncus gregiflorus	Green Rush	■	■			O	●	●	●	●	●	Reliable and robust	●	
Juncus pallidus	Pale Rush	■	■			O	●	●	●			Reliable and robust		
Juncus procerus	Tall Rush	■	■			O	●	●	●	●	●	Reliable and robust	●	
Lagenophora stipitata	Common Bottle-daisy		■	■		L	●					Can not be propagated in useable quantities		
Lepidosperma elatius var. *elatius*	Tall Sword-sedge		■	■	■	C	●	●	●			Can not be propagated in useable quantities		●
Leptostigma reptans	Dwarf Nertera			■	■	L	●					Can not be propagated in useable quantities		
Lomandra longifolia	Spiny-headed Mat-rush		■	■	■	C	●	●	●	●	●	Reliable and robust	●	
Mentha laxiflora	Forest Mint			■	■	O	●	●				Usually not planted		
Microlaena stipoides var. *stipoides*	Weeping Grass		■	■	■	O	●	●	●			Can become dominant particularly in open areas		
Microsorum pustulatum ssp. *pustulatum*	Kangaroo Fern		■	■	■	O	●	●				Requires sheltered shady sites, not appropriate for revegetation		●
Oxalis corniculata s.l.	Yellow Wood-sorrel		■	■		O	●	●				Generally not propagated		
Poa ensiformis	Sword Tussock-grass		■	■	■	C	●	●	●	●	●	Reliable and robust and a better performer in the shade than Poa lab	●	

Key

Planting Zone

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VEGETATION SPECIES 30STZ

Botanical name	Common name	Planting zone				Dominance	Vegetation Quality					Comments	Most suitable for replanting	EVC Benchmark
		1	2	3	4		5	4	3	2	1			
Poa labillardierei	Common Tussock-grass		■	■	■	O	●	●	●	●		Reliable and robust in more open areas	●	
Polystichum proliferum	Mother Shield-fern		■	■	■	D	●	●	●			Easy to propagate but limited availability		●
Pteridium esculentum	Common Bracken			■	■	O	●	●	●			Not available - may be present via natural regeneration		●
Sambucus gaudichaudiana	White Elderberry			■	■	O	●	●	●	●		Disturbance and post fire coloniser	●	●
Senecio glomeratus	Annual Fireweed			■	■	C	●	●	●	●		Disturbance and post fire coloniser	●	
Senecio linearifolius sens. lat.	Fireweed Groundsel			■	■	C	●	●	●	●		Disturbance and post fire coloniser	●	
Senecio velleioides	Forest Groundsel			■	■	O	●	●				Disturbance and post fire coloniser		
Solanum prinifolium	Forest Nightshade		■	■		C	●	●	●			Usually not planted but often a significant component of ground flora and competitive after disturbance.		
Sticherus lobatus	Spreading Fan-fern		■	■	■		●	●	●			Often not planted but reliable dominant post disturbance		
Tetrarrhena juncea	Forest Wire-grass		■	■	■	O	●	●				Usually not planted		●
Urtica incisa	Scrub Nettle		■	■	■	O	●	●	●			Usually not planted but often a dominant component of ground flora and competitive after disturbance		
Viola hederacea sensu Willis (1972)	Ivy-leaf Violet		■	■		O	●	●	●			Reliable		●

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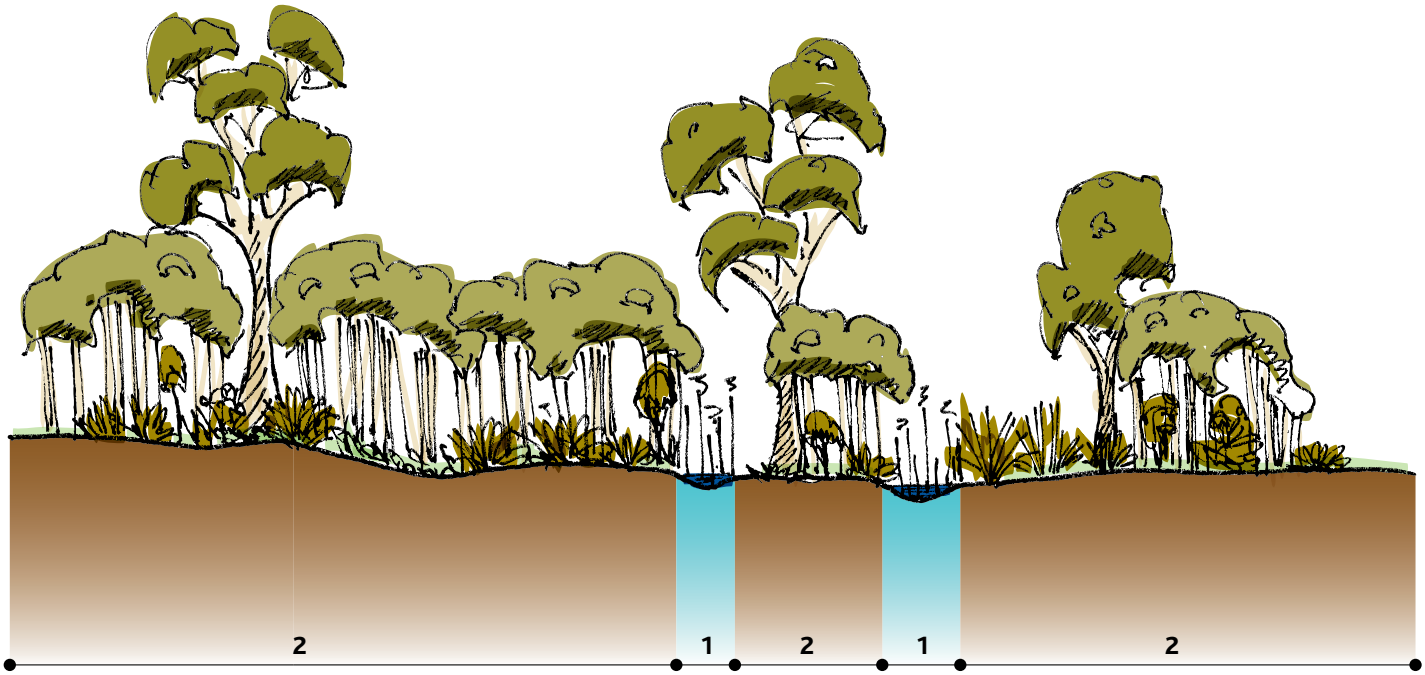
VEGETATION SPECIES 53-61GIP

EVC 53-61 SWAMP SCRUB
GIPPSLAND PLAINS

Closed scrub to 8 m tall at low elevations on alluvial deposits along streams or on poorly drained sites with higher nutrient availability. The EVC is dominated by Swamp Paperbark *Melaleuca ericifolia* (or sometimes Woolly Tea-tree *Leptospermum lanigerum*) which often forms a dense thicket, out-competing other species. Occasional emergent eucalypts may be present. Where light penetrates to ground level, a moss/lichen/liverwort or herbaceous ground cover is often present. Dry variants have a grassy/herbaceous ground layer.

Cross Section



VEGETATION SPECIES 53-61GIP

Botanical name	Common name	Planting zone				Dominance	Vegetation Quality					Comments	Most suitable for replanting	EVC Benchmark
		1	2	3	4		5	4	3	2	1			
TREES														
Acacia melanoxylon	Blackwood		■			O	●	●	●	●	●	Occurs at low numbers on slightly raised ground	●	
Eucalyptus ovata var. *ovata*	Swamp Gum		■			L	●	●	●	●	●	Occurs at low numbers on slightly raised ground	●	
Leptospermum lanigerum	Wooly Tea-tree	■	■			D	●	●	●	●	●	Reliable and robust	●	●
Melaleuca ericifolia	Swamp Paperbark	■	■			D	●	●	●	●	●	Dominant plant in this EVC providing habitat structure	●	●
SMALL TREES/LARGE - MEDIUM SHRUBS & VINES														
Acacia verticillata ssp. *verticillata*	Prickly Moses		■			O	●	●	●	●	●	Reliable and robust	●	
Calystegia sepium	Large Bindweed		■			L	●	●	●			Not usually planted		●
Coprosma quadrifida	Prickly Currant-bush		■			O	●	●	●	●		Reliable and robust	●	●
Leptospermum continentale	Prickly Tea-tree		■			O	●	●	●	●	●	Reliable and robust	●	●
Ozothamnus ferrugineus	Tree Everlasting		■			C	●	●	●	●	●	Reliable and robust	●	
GRASSES,SEDGES DICOT HERBS and FERNS														
Acaena novae-zelandiae	Bidgee-widgee		■			D	●	●	●	●		Reliable with good site preparation	●	
Alternanthera denticulata	Lesser Joyweed	■	■			O	●	●	●			Coloniser		
Notodanthonia semiannularis	Wetland Wallaby grass		■	■		O	●	●	●			Reliable with good site preparation		
Apium prostatum ssp. *prostratum* var. *prostratum*	Sea Celery	■	■			O	●	●				Reliable with good site preparation		
Blechnum cartilagineum	Gristle Fern		■			O	●	●				Not usually planted		●
Blechnum minus	Soft Water fern		■			L	●	●				Not usually planted		
Carex appressa	Tall Sedge	■	■			D	●	●	●	●	●	Reliable and robust	●	
Carex fascicularis	Tassel Sedge	■				C	●	●	●	●	●	Reliable and robust	●	
Carex gaudichudiana	Fen Sedge		■			O	●	●	●			Reliable with good site preparation		
Centella cordifolia	Centella		■			O	●	●	●			Reliable with good site preparation		
Deyeuxia quadriseta	Reed Bent-grass		■			O	●	●	●			Reliable with good site preparation		
Dichondra repens	Kidney-weed			■	■	O	●	●	●			Reliable with good site preparation		
Epilobium pallidiflorum	Showy Willow-herb		■	■		O	●	●	●			Coloniser - Not usually planted		
Gahnia radula	Thatch Saw-sedge		■	■		O	●	●				Cannot be propagated in useable quantities		●
Gahnia sieberiana	Red-fruit Saw-sedge		■			O	●	●	●			Reliable and robust		
Goodenia humilis	Swamp Goodenia	■	■			C	●	●				Reliable with good site preparation		
Hydrocotyle pterocarpa	Wing Pennywort	■	■			O	●	●				Not usually planted		●
Juncus gregiflorus	Green Rush	■	■			C	●	●	●	●	●	Reliable and robust	●	●
Juncus australis	Astral Rush	■	■			C	●	●	●	●	●	Reliable and robust	●	
Lachnagrostis filiformis (perennial variety)	Wetland Blown-grass	■	■			O	●	●	●			Coloniser - Not usually planted		
Lobelia pedunculata s.l.	Matted Pratia	■	■			O	●	●				Not usually planted		
Microlaena stipoides var. *stipoides*	Weeping Grass		■	■		O	●	●	●	●		Maintain remnants by controlling grassy weeds.	●	
Poa labillardierei var. *labillardierei*	Common Tussock-grass		■			O	●	●	●	●	●	Reliable and robust if used in damp area	●	●
Poa tenera	Slender Tussock-grass		■			O	●	●				Not usually planted		

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Rubus parvifolius	Small-leaf Bramble		■			C	●	●				Reliable and robust provides good low habitat.		
Senecio minimus	Shrubby Groundsel		■			O	●	●	●			Disturbance and post fire coloniser		
Stellaria angustifolia	Swamp Starwort		■			O	●	●				Not usually planted		●
Urtica incisa	Scrub Nettle		■			O	●	●	●			Usually not planted but often a dominant component of ground flora and competitive after disturbance		
SEMI AQUATIC AND AQUATIC HERBS														
Baumea rubiginosa	Soft Twig-rush	■				O	●	●	●			Often confused with Baumea arthropylla - use local material - reliable and robust.		●
Bolboschoenus medianus	River Club-sedge	■				O	●	●	●	●	●	Reliable and robust - Dormant in winter	●	
Cladium procerum	Leafy Twig-sedge	■				O	●	●				Reliable and robust		
Crassula helmsii	Swamp Crassula	■				C	●	●	●	●		Reliable and robust	●	●
Cyperus lucidus	Leafy Flat Sedge	■				O	●	●	●	●		Reliable and robust	●	
Eleocharis acuta	Common Spike-rush	■				C	●	●	●	●	●	Reliable and robust	●	●
Gratiola peruviana	Austral Brooklime	■	■			O	●	●				Reliable with good site preparation		
Hydrocotyle sibthorpioides	Shining Pennywort	■				O	●	●				Reliable with good site preparation		
Hydrocotyle tripartita	Slender Pennywort	■				O	●	●				Reliable with good site preparation		
Juncus procerus	Tall Rush	■				D	●	●	●	●	●	Reliable and robust	●	●
Lepidosperma longitudinale	Pithy Sword-sedge	■				O	●	●	●			Previously not available, recent advances in propagation may see an increase in availability		
Lobelia anceps	Angled Lobelia	■				O	●	●				Reliable with good site preparation		●
Lycopus australis	Australian Gipsywort	■				O	●	●	●			Reliable with good site preparation		●
Lythrum salicaria	Purple Loosestrife	■				O	●	●	●			Reliable with good site preparation		●
Myriophyllum crispatum	Upright Water-milfoil	■				O	●	●	●			Reliable and robust		
Persicaria decipiens	Slender Knotweed	■				O	●	●	●	●	●	Reliable and robust	●	
Persicaria praetermissa	Spotted Knotweed	■				O	●	●	●	●	●	Reliable and robust	●	●
Persicaria subsessilis	Hairy Knotweed	■				O	●	●	●			Reliable and robust		
Phragmites australis	Common Reed	■				O	●	●	●	●		Reliable and robust	●	●
Schoenoplectus tabernaemontani	River Club-rush	■				C	●	●	●	●	●	Reliable and robust	●	
Triglochin procerum sens. lat. (broad erect leaves)	Upright Water Ribbons	■				O	●	●	●			Reliable and robust		●
Villarsia reniformis	Running Marsh-flower	■				C	●	●				Reliable but requires good site preparation		

Key

Planting Zone

1 ■ Bed
2 ■ Lower Bank
3 ■ Upper Bank
4 ■ Verge

Dominance

L Limited
O Occasional
C Common
D Dominant

Vegetation Quality

These columns show the species expected to be present in areas of vegetation at five different quality levels.

1 Very low — Highly degraded with limited social and amenity values
2 Low — Highly modified, fragmented and meets social and amenity requirements
3 Medium — Fragmented remnants
4 High — Relatively intact, structural vegetation elements present with high connectivity
5 Very high — Intact with all structural vegetation elements present and high connectivity

Most suitable for replanting

Plants listed in this column are species which are readily cultivated in nurseries with indigenous plant propagation skills, reliable in revegetation with an expected survival rate of 95% or greater three years post planting – assumes that a high quality plant was supplied (refer to plant standard) and that weed management and planting is undertaken with appropriate skill and diligence.

EVC Benchmark

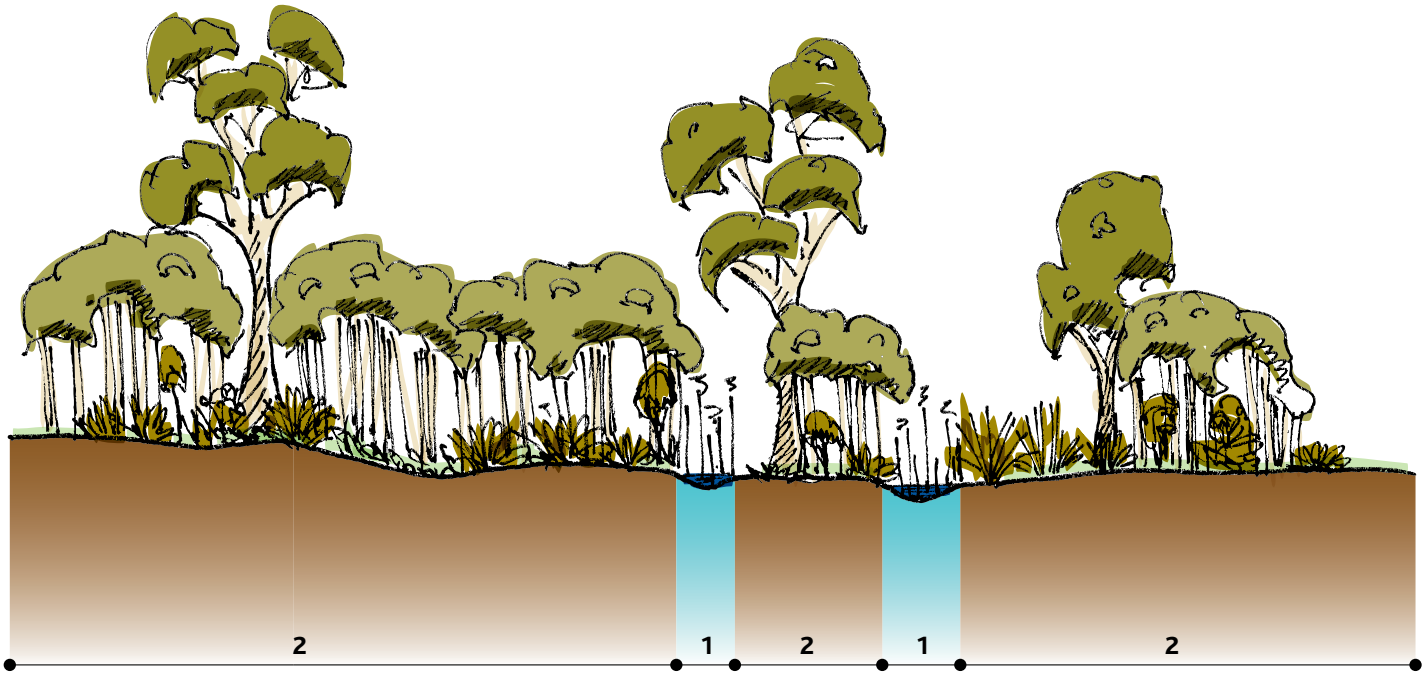
EVC benchmarks have been developed as standard reference points that are applied in carrying out vegetation assessments. An EVC benchmark represents the average characteristics of a mature and apparently long-undisturbed stand of the same vegetation type.

VEGETATION SPECIES 53-61STZ

EVC 53-61 SWAMP SCRUB
STRZELECKI RANGES

Closed scrub to 8 m tall at low elevations on alluvial deposits along streams or on poorly drained sites with higher nutrient availability. The EVC is dominated by Swamp Paperbark *Melaleuca ericifolia* (or sometimes Woolly Tea-tree *Leptospermum lanigerum*) which often forms a dense thicket, out-competing other species. Occasional emergent eucalypts may be present. Where light penetrates to ground level, a moss/lichen/liverwort or herbaceous ground cover is often present. Dry variants have a grassy/herbaceous ground layer.

Cross Section



Zone

VEGETATION SPECIES 53-61STZ

Botanical name	Common name	Planting zone				Dominance	Vegetation Quality					Comments	Most suitable for replanting	EVC Benchmark
		1	2	3	4		5	4	3	2	1			
TREES														
Acacia melanoxylon	Blackwood		■			O	●	●	●	●	●	Occurs in low numbers on slightly raised ground	●	
Eucalyptus ovata var. *ovata*	Swamp Gum		■			O	●	●	●	●	●	Occurs in low numbers on slightly raised ground	●	
Leptospermum lanigerum	Wooly Tea-tree	■	■			D	●	●	●	●	●	Reliable and robust	●	
Melaleuca ericifolia	Swamp Paperbark	■	■			D	●	●	●	●	●	Dominant plant in this EVC providing habitat structure	●	●
SMALL TREES/LARGE - MEDIUM SHRUBS & VINES														
Acacia verticillata ssp. *verticillata*	Prickly Moses		■			O	●	●	●	●	●	Reliable and robust	●	
Calystegia sepium	Large Bindweed	■				L	●	●	●			Not usually planted		●
Coprosma quadrifida	Prickly Currant-bush		■			O	●	●	●	●		Reliable and robust	●	●
Leptospermum continentale	Prickly Tea-tree		■			O	●	●	●	●	●	Reliable and robust	●	●
Ozothamnus ferrugineus	Tree Everlasting		■			C	●	●	●	●	●	Reliable and robust	●	
GRASSES,SEDGES DICOT HERBS and FERNS														
Acaena novae-zelandiae	Bidgee-widgee		■			D	●	●	●	●	●	Reliable with good site preparation	●	
Alternanthera denticulata	Lesser Joyweed	■	■			O	●	●	●			Coloniser - Not usually planted		
Notodanthonia semiannularis	Wetland Wallaby grass		■	■		O	●	●	●			Reliable with good site preparation		
Apium prostatum ssp. *prostratum* var. *prostratum*	Sea Celery	■	■			O	●	●				Reliable with good site preparation		
Blechnum cartilagineum	Gristle Fern		■			O	●	●				Not usually planted		●
Blechnum minus	Soft Water fern		■			L	●	●				Not usually planted		
Carex appressa	Tall Sedge	■	■			D	●	●	●	●	●	Reliable and robust	●	
Carex fascicularis	Tassel Sedge	■				C	●	●	●	●	●	Reliable and robust	●	
Carex gaudichudiana	Fen Sedge		■			O	●	●	●			Reliable with good site preparation		
Centella cordifolia	Centella		■			O	●	●	●			Reliable with good site preparation		
Deyeuxia quadriseta	Reed Bent-grass		■	■		O	●	●	●			Reliable with good site preparation		
Dichondra repens	Kidney-weed		■		■	O	●	●	●			Reliable with good site preparation		
Epilobium pallidiflorum	Showy Willow-herb		■	■		O	●	●	●			Coloniser - Not usually planted		
Gahnia radula	Thatch Saw-sedge		■	■		O	●	●				Cannot be propagated in useable quantities		●
Gahnia sieberiana	Red-fruit Saw-sedge		■			O	●	●	●			Reliable and robust		
Goodenia humilis	Swamp Goodenia	■	■			C	●	●				Reliable with good site preparation		
Hydrocotyle pterocarpa	Wing Pennywort	■	■			O	●	●				Not usually planted		●
Juncus gregiflorus	Green Rush	■	■			C	●	●	●	●	●	Reliable and robust	●	●
Juncus australis	Astral Rush	■	■			C	●	●	●	●	●	Reliable and robust	●	
Lachnagrostis filiformis (perennial variety)	Wetland Blown-grass	■	■			O	●	●	●			Coloniser - Not usually planted		
Lobelia pedunculata s.l.	Matted Pratia	■	■			O	●	●				Not usually planted		
Microlaena stipoides var. *stipoides*	Weeping Grass		■	■		O	●	●	●	●		Maintain remnants by controlling grassy weeds	●	
Poa labillardierei var. *labillardierei*	Common Tussock-grass		■			O	●	●	●	●	●	Reliable and robust if used in damp area	●	●
Poa tenera	Slender Tussock-grass		■			O	●	●				Not usually planted		

Key

Planting Zone

1 ■ Bed
2 ■ Lower Bank
3 ■ Upper Bank
4 ■ Verge

Dominance

L Limited
O Occasional
C Common
D Dominant

Vegetation Quality

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2 Low Highly modified, fragmented and meets social and amenity requirements
3 Medium Fragmented remnants
4 High Relatively intact, structural vegetation elements present with high connectivity
5 Very high Intact with all structural vegetation elements present and high connectivity

Most suitable for replanting

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EVC Benchmark

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VEGETATION SPECIES 53-61STZ

Botanical name	Common name	Planting zone				Dominance	Vegetation Quality					Comments	Most suitable for replanting	EVC Benchmark
		1	2	3	4		5	4	3	2	1			
Rubus parvifolius	Small-leaf Bramble		■			C	●	●				Reliable and robust, provides good low habitat		
Senecio minimus	Shrubby Groundsel		■			O	●	●	●			Disturbance and post fire coloniser		
Stellaria angustifolia	Swamp Starwort		■			O	●	●				Not usually planted		●
Urtica incisa	Scrub Nettle		■			O	●	●	●			Usually not planted but often a dominant component of ground flora and competitive after disturbance		
SEMI AQUATIC AND AQUATIC HERBS														
Baumea rubiginosa s.l.	Soft Twig-rush	■				O	●	●	●			Often confused with Baumea arthropylla - use local material - reliable and robust.		●
Bolboschoenus medianus	River Club-sedge	■				O	●	●	●	●	●	Reliable and robust - Dormant in winter	●	
Cladium procerum	Leafy Twig-sedge	■				O	●	●				Reliable and robust		
Crassula helmsii	Swamp Crassula	■				C	●	●	●	●		Reliable and robust	●	●
Cyperus lucidus	Leafy Flat Sedge	■				O	●	●	●	●		Reliable and robust	●	
Eleocharis acuta	Common Spike-rush	■				C	●	●	●	●	●	Reliable and robust	●	●
Gratiola peruviana	Austral Brooklime	■	■			O	●	●				Reliable with good site preparation		
Hydrocotyle sibthorpioides	Shining Pennywort	■				O	●	●				Reliable with good site preparation		
Hydrocotyle tripartita	Slender Pennywort	■				O	●	●				Reliable with good site preparation		
Juncus procerus	Tall Rush	■				D	●	●	●	●	●	Reliable and robust	●	●
Lepidosperma longitudinale	Pithy Sword-sedge	■				O	●	●	●			Previously not available, recent advances in propagation may see an increase in availability		
Lobelia anceps	Angled Lobelia	■				O	●	●				Reliable with good site preparation		●
Lycopus australis	Australian Gipsywort	■				O	●	●	●			Reliable with good site preparation		●
Lythrum salicaria	Purple Loosestrife	■				O	●	●	●			Reliable with good site preparation		●
Myriophyllum crispatum	Upright Water-milfoil	■				O	●	●	●			Reliable and robust		
Persicaria decipiens	Slender Knotweed	■				O	●	●	●	●	●	Reliable and robust	●	
Persicaria praetermissa	Spotted Knotweed	■				O	●	●	●	●	●	Reliable and robust	●	●
Persicaria subsessilis	Hairy Knotweed	■				O	●	●	●			Reliable and robust		
Phragmites australis	Common Reed	■				O	●	●	●	●		Reliable and robust	●	●
Schoenoplectus tabernaemontani	River Club-rush	■				C	●	●	●	●	●	Reliable and robust	●	
Triglochin procerum sens. lat. (broad erect leaves)	Upright Water Ribbons	■				O	●	●	●			Reliable and robust		●
Villarsia reniformis	Running Marsh-flower	■				C	●	●				Reliable but requires good site preparation		

Key

Planting Zone

1 ■ Bed
2 ■ Lower Bank
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4 ■ Verge

Dominance

L Limited
O Occasional
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EVC Benchmark

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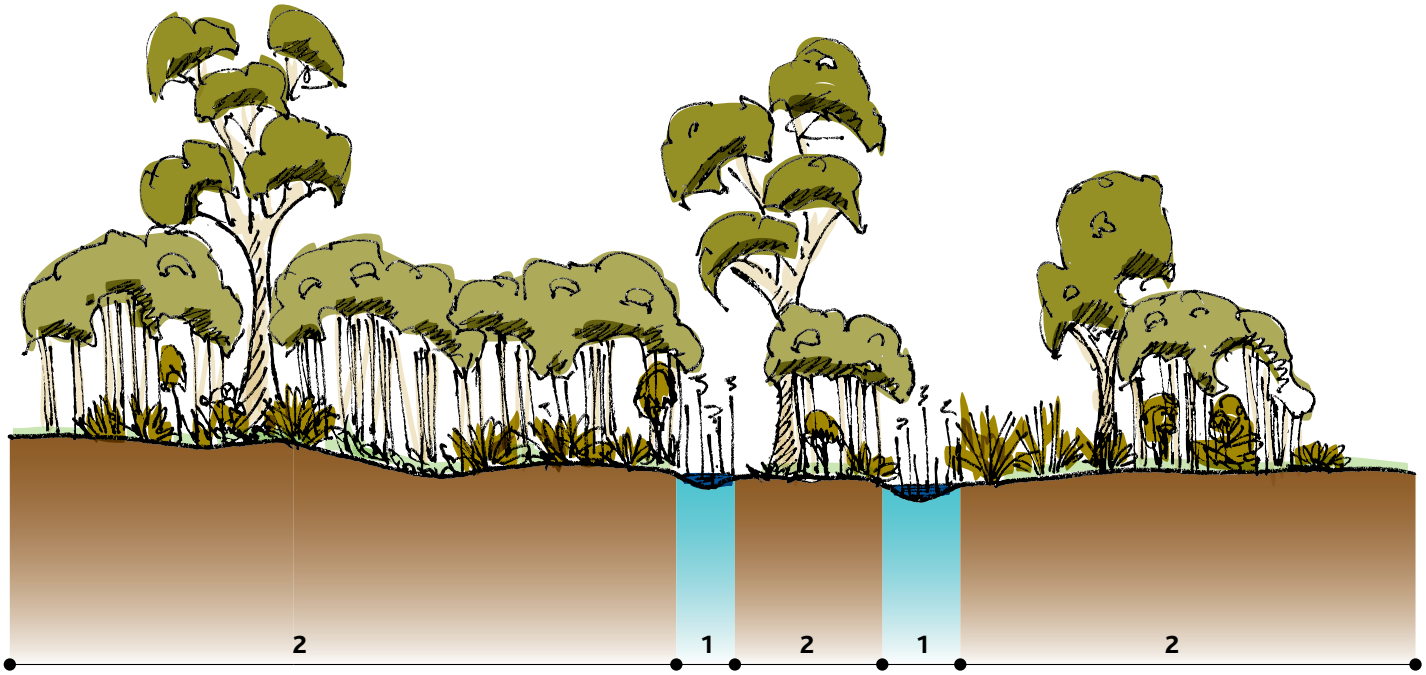
VEGETATION SPECIES

53-62GIP

EVC 53-62 SWAMP SCRUB (ESTUARINE) GIPPSLAND PLAINS

Closed scrub to 6 m tall growing on the edge of estuarine waterbodies such as creeks, rivers and lagoons with intermediate salinity and poor drainage conditions. Dominated by Swamp Paperbark *Melaleuca ericifolia* with a halophytic (succulent) ground layer dominated by graminoids and herbs. Often occurs in close association with Estuarine Wetland.

Cross Section



Zone

VEGETATION SPECIES 53-62GIP

Botanical name	Common name	Planting zone				Dominance	Vegetation Quality					Comments	Most suitable for replanting	EVC Benchmark
		1	2	3	4		5	4	3	2	1			
LARGE SHRUB														
Melaleuca ericifolia	Swamp Paperbark	■	■			D	●	●	●	●	●	Reliable and robust	●	●
MEDIUM SHRUBS & VINES														
Rhagodia candolleana ssp. candolleana	Seaberry Saltbush		■	■		C	●	●	●	●		Reliable and robust	●	●
Atriplex cinerea	Coast Saltbush		■	■		O	●	●	●			Reliable and robust		●
SMALL SHRUBS, GRASSES,SEDGES DICOT HERBS and FERNS														
Apium prostratum ssp. prostratum	Sea Celery	■	■			O	●	●	●			Reliable with good site preparation		●
Apodasmia brownii	Coarse Twine-rush		■			L	●	●	●			Reliable but slow growing - limited availability		
Atriplex paludosa	Marsh Saltbush		■			O	●	●	●			Reliable and robust - limited availability		
Austrostipa stipoides	Prickly Spear-grass		■	■		O	●	●	●			Reliable and robust - limited availability		
Baumea juncea	Bare Twig-sedge	■	■			L	●	●	●			Reliable but slow growing - limited availability		
Chenopodium glaucum	Glaucous Goosefoot		■			O	●	●	●			Not generally available		●
Clematis microphylla	Small-leaf Clematis		■	■		O	●	●	●	●		Reliable - best growing over another plant	●	
Dianella brevicaulis	Small-flower Flax-lily			■		L	●	●	●	●		Reliable and robust - use in fresher margins	●	
Dispyma crassifolium	Rounded Noon-flower	■	■			C	●	●	●	●		Reliable and robust	●	
Distichlis distichophylla	Australian Salt-grass		■	■		C	●	●	●	●		Reliable and robust	●	●
Ficinia nodosa	Knobby Club-sedge		■	■		C	●	●	●	●	●	Reliable and robust	●	●
Gahnia filum	Chaffy Saw-sedge	■	■			O	●	●	●			Reliable and robust - limited availability		
Gahnia trifida	Coast Saw-sedge	■	■			O	●	●	●			Reliable and robust - limited availability		
Juncus kraussi	Sea Rush	■	■			L	●	●	●	●		Reliable and robust	●	
Isolepis cernua	Nodding Club-sedge	■	■			L	●	●				Reliable with good site preparation		
Lachnagrostis billardierei	Coast Blown-grass		■	■		C	●	●	●			Coloniser - Not usually planted		
Poa labillardierei	Common Tussock-grass		■			O	●	●	●			Reliable and robust		●
Poa poiformis	Blue Tussock-grass		■	■		C	●	●	●	●		Reliable and robust	●	●
Samolus repens	Creeping Brookweed	■				C	●	●	●			Reliable with good site preparation		●
Sarcocornia quinqueflora	Beaded Glasswort	■	■			C	●	●	●	●	●	Reliable and robust	●	●
Selliera radicans	Shiny Swamp-mat	■	■			C	●	●	●	●		Reliable and robust	●	●
Suadea australis	Austral Seablite	■	■			C	●	●	●	●	●	Reliable and robust	●	
Tetragonia implexicoma	Bower Spinach		■	■		O	●	●	●			Reliable and robust - limited availability		
Triglochin striatum	Streaked Arrow-grass	■	■			C	●	●	●	●		Reliable and robust	●	

Key

Planting Zone

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EVC Benchmark

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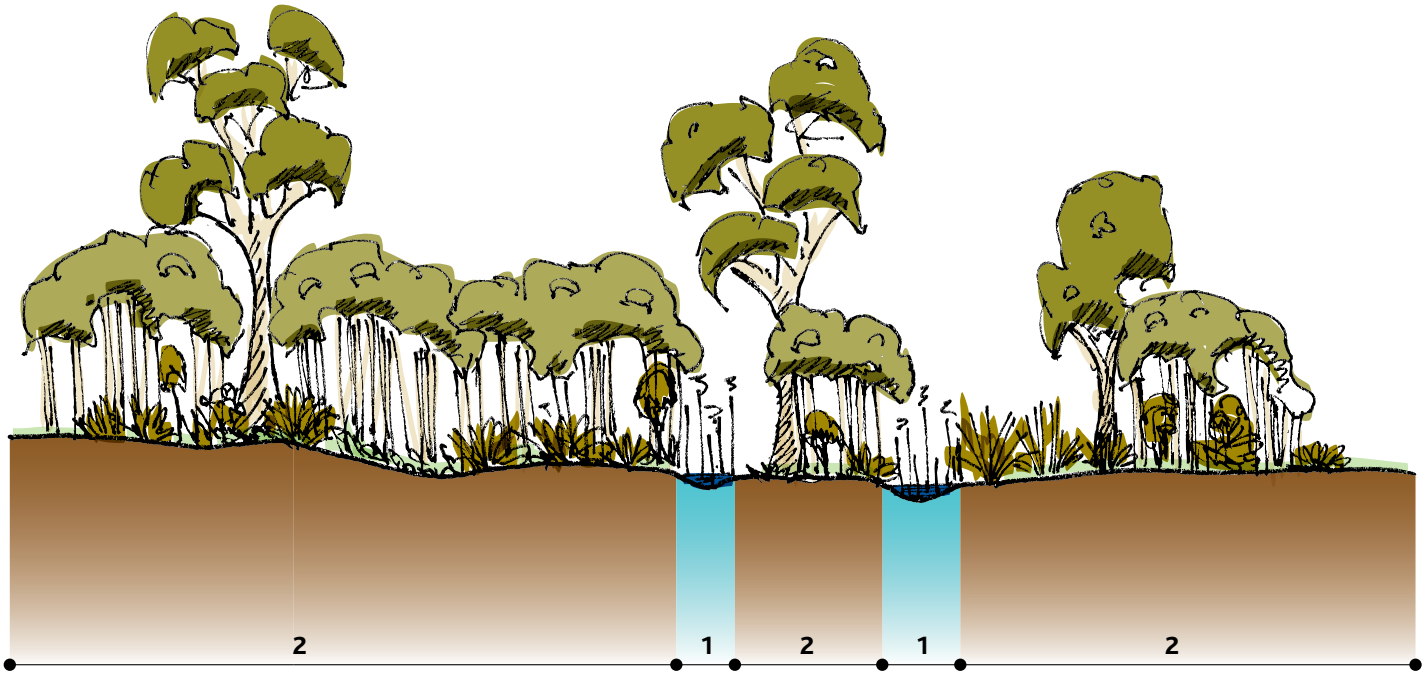
VEGETATION SPECIES 191GIP

EVC 191 RIPARIAN SCRUB GIPPSLAND PLAIN

A dense shrubland to 6 m tall with occasional eucalypt emergents growing on waterlogged substrates often with a peaty surface horizon. Emergent eucalypts may be occasionally present. The understorey is often species-poor and consists typically of sedges tolerant of seasonal waterlogging. Occurs along creeks and minor stream tributaries of the lowland plains.

Cross Section



Zone

VEGETATION SPECIES 191GIP

Botanical name	Common name	Planting zone				Dominance	Vegetation Quality					Comments	Most suitable for replanting	EVC Benchmark
		1	2	3	4		5	4	3	2	1			
LARGE SHRUBS														
Leptospermnum continentale	Prickly Tea-tree		■	■		C	●	●	●	●	●	Reliable and robust	●	●
Leptospermum lanigerum	Woolly Tea-tree		■			O	●	●	●	●		Reliable and robust	●	
Melaleuca squarrosa	Scented Paperbark	■	■			D	●	●	●	●	●	Reliable and robust	●	●
MEDIUM SHRUBS & VINES														
Acacia verticillata	Prickly Moses		■			C	●	●	●	●		Reliable and robust	●	●
Banksia marginata	Silver Banksia			■		L	●	●	●			Reliable and robust - increase use if in occurs local area		
Billardiera scandens	Common Apple-berry			■		O	●	●	●			Reliable with good site preparation		●
Bursaria spinosa ssp. *spinosa*	Sweet Bursaria		■	■		O	●	●	●	●		Reliable and robust	●	
Cassinia aculeata	Common Cassinia		■	■		C	●	●	●	●		Reliable and robust	●	
Cassytha glabella	Slender Dodder-laurel		■	■		O	●	●				Parasitic plant - not propagated		●
Coprosma quadrifida	Prickly Currant-bush		■	■		C	●	●	●	●		Reliable and robust	●	●
Gleichenia microphylla	Scrambling Coral-fern	■	■			C	●	●				Not usually planted		●
Goodenia ovata	Hop Goodenia		■	■		C	●	●	●	●	●	Reliable and robust	●	
Hakea nodosa	Yellow Hakea			■		L	●	●	●			Reliable and robust - increase use if in occurs local area		
Olearia lirata	Showy Daisy-bush			■		C	●	●	●	●		Reliable and robust	●	
Ozothamnus ferrugineus	Tree Everlasting			■		C	●	●	●	●	●	Reliable and robust	●	●
Ozothamnus rosmarinifolius	Rosemary Everlasting			■		O	●	●	●	●		Reliable and robust	●	●
SMALL SHRUBS, GRASSES, SEDGES DICOT HERBS and FERNS														
Amperea xiphoclada var. *xiphoclada*	Broom Spurge		■	■		OD	●	●	●			Reliable but usually not propagated - increase use if in occurs local area		●
Baloskion tetraphyllum ssp. *tetraphyllum*	Tassel Cord-rush	■	■			OD	●	●	●	●		Reliable and robust - increase use if in occurs local area	●	
Baumea tetragona	Square Twig-rush	■	■			O	●	●				Reliable but usually not propagated - increase use if in occurs local area		●
Bolboschoenus medianus	River Club-sedge	■				O	●	●	●	●	●	Dormant in winter	●	
Carex appressa	Tall Sedge	■	■			C	●	●	●	●	●	Reliable and robust	●	
Carex fascicularis	Tassel Sedge	■	■			O	●	●	●	●		Reliable and robust	●	
Carex tereticaulis	Hollow Sedge	■	■			O	●	●	●			Reliable and robust		
Cyperus lucidus	Leafy Flat-sedge	■				O	●	●	●	●		Reliable and robust	●	
Eleocharis acuta	Common Spike-rush	■				C	●	●	●	●	●	Reliable and robust	●	
Empodisma minus	Spreading Rope-rush		■	■		O	●	●				Reliable but usually not planted - increase use if in occurs local area		●
Gahnia clarkei	Tall Saw-sedge	■	■			L	●	●				Reliable and robust - increase use if in occurs local area		
Gahnia sieberiana	Red-fruit Saw-sedge		■	■		D	●	●	●	●		Reliable and robust	●	●
Gonocarpus tetragynus	Common Raspwort			■		O	●	●	●			Reliable but usually not propagated - increase use if in occurs local area		●
Juncus pallidus	Pale Rush	■	■			O	●	●	●			Reliable and robust		
Lepidosperma longitudinale	Pithy Sword-sedge		■			D	●	●	●			Previously not available, recent advances in propagation may see an increase in availability		●
Lepidosperma laterale var. *majus*	Variable Sword-sedge		■	■		C	●	●	●			Previously not available, recent advances in propagation may see an increase in availability		
Luzula meridionalis	Common Woodrush	■	■			L	●	●	●			Reliable but usually not propagated - increase use if in occurs local area		
Microlaena stipoides var. *stipoides*	Weeping Grass		■	■		C	●	●	●			Maintain remnants by controlling grassy weeds		

Key

Planting Zone

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VEGETATION SPECIES 191GIP

Botanical name	Common name	Planting zone				Dominance	Vegetation Quality					Comments	Most suitable for replanting	EVC Benchmark
		1	2	3	4		5	4	3	2	1			
Notodanthonia semiannularis	Wetland Wallaby-grass		■			O	●	●	●			Reliable and robust		
Oxalis exilis	Shady Wood-sorrel		■	■		O	●	●				Not usually planted		
Phragmites australis	Common Reed	■	■			D	●	●	●	●	●	Reliable and robust - will dominate area so use sparingly in degraded sites	●	
Poa labillardierei	Common Tussock-grass		■			C	●	●	●			Reliable and robust if used in damp area		
Pteridium esculentum	Austral Bracken			■		C	●	●	●	●	●	Not usually planted		●
Schoenus brevifolius	Zig-zag Bog-sedge	■	■			O	●	●	●			Reliable but usually not propagated - increase use if in occurs local area		●
Selaginella uliginosa	Swamp Selaginella		■			O	●	●				Not usually planted		●
SEMI AQUATIC AND AQUATIC HERBS														
Crassula helmsii	Swamp Crassula	■				C	●	●	●			Reliable and robust		
Hydrocotyle sibthorpioides	Shining Pennywort	■				O	●	●				Reliable but requires good site preparation.		
Lobelia anceps	Angled Lobelia	■				O	●	●				Reliable but requires good site preparation.		
Myriophyllum crispatum	Upright Water-milfoil	■				O	●	●	●			Reliable but requires good site preparation.		
Persicaria decipiens	Slender Knotweed	■				O	●	●	●	●		Reliable and robust	●	
Persicaria subsessilis	Hairy Knotweed	■				O	●	●	●			Reliable and robust		
Triglochin striatum	Streaked Arrowgrass	■				C	●	●	●			Reliable and robust		
Villarsia reniformis	Running Marsh-flower	■				O	●	●	●			Reliable but requires good site preparation.		

Key

Planting Zone

1 ■ Bed
2 ■ Lower Bank
3 ■ Upper Bank
4 ■ Verge

Dominance

L Limited
O Occasional
C Common
D Dominant

Vegetation Quality

These columns show the species expected to be present in areas of vegetation at five different quality levels.

1 Very low — Highly degraded with limited social and amenity values
2 Low — Highly modified, fragmented and meets social and amenity requirements
3 Medium — Fragmented remnants
4 High — Relatively intact, structural vegetation elements present with high connectivity
5 Very high — Intact with all structural vegetation elements present and high connectivity

Most suitable for replanting

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EVC Benchmark

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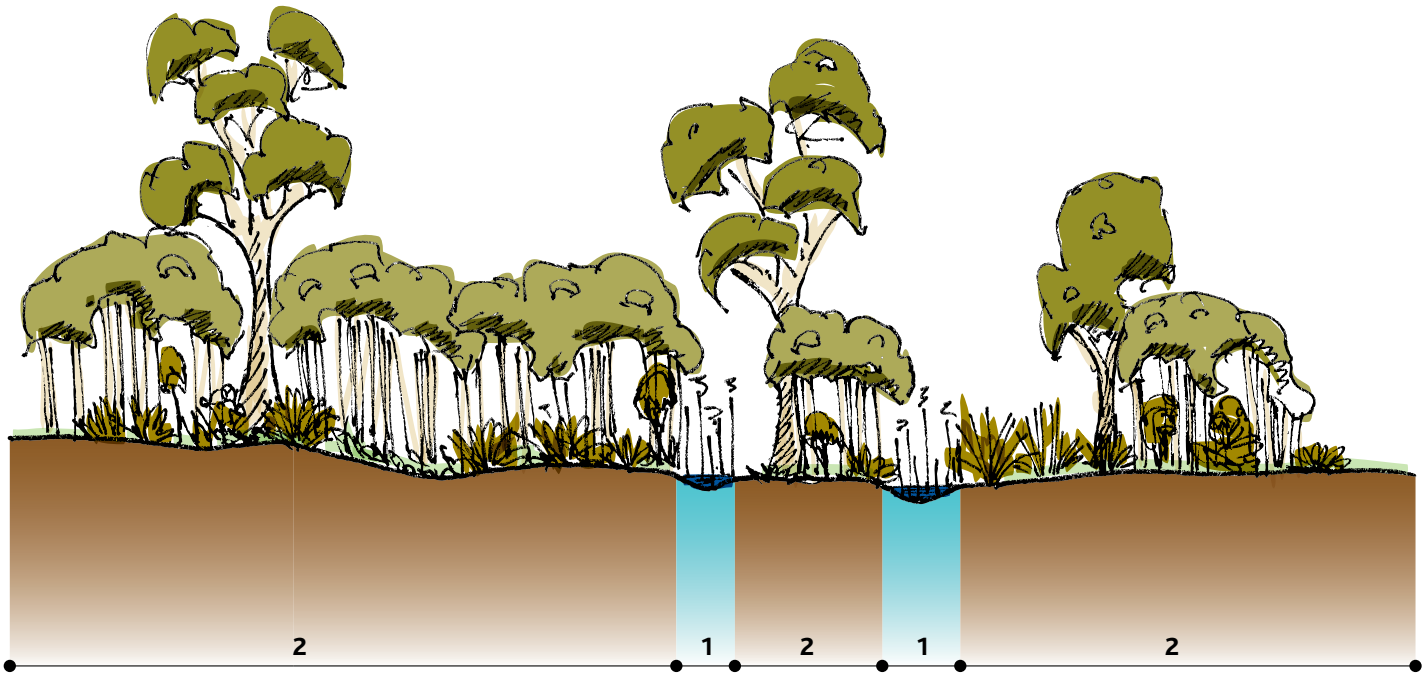
VEGETATION SPECIES

191STZ

EVC 191 RIPARIAN SCRUB
STRZELECKI RANGES

A dense shrubland to 6 m tall growing on waterlogged substrates often with a peaty surface horizon. Emergent eucalypts may be occasionally present. The understorey is often species-poor and consists typically of sedges tolerant of seasonal waterlogging. Occurs along creeks and minor stream tributaries of the lowland plains.

Cross Section



Zone

VEGETATION SPECIES 191STZ

Botanical name	Common name	Planting zone				Dominance	Vegetation Quality					Comments	Most suitable for replanting	EVC Benchmark
		1	2	3	4		5	4	3	2	1			
LARGE SHRUBS														
Leptospermnum continentale	Prickly Tea-tree		■	■		C	●	●	●	●	●	Reliable and robust	●	●
Leptospermum lanigerum	Woolly Tea-tree		■			O	●	●	●	●		Reliable and robust	●	
Melaleuca squarrosa	Scented Paperbark	■	■			D	●	●	●	●	●	Reliable and robust	●	●
MEDIUM SHRUBS & VINES														
Acacia verticillata	Prickly Moses		■			C	●	●	●	●		Reliable and robust	●	●
Banksia marginata	Silver Banksia			■		L	●	●	●			Reliable and robust - increase use if in occurs local area		●
Billardiera scandens	Common Apple-berry			■		O	●	●	●			Reliable with good site preparation		
Bursaria spinosa ssp. *spinosa*	Sweet Bursaria		■	■		O	●	●	●	●		Reliable and robust	●	
Cassinia aculeata	Common Cassinia		■	■		C	●	●	●	●		Reliable and robust	●	
Cassytha glabella	Slender Dodder-laurel		■	■		O	●	●				Parasitic plant - not propagated		●
Coprosma quadrifida	Prickly Currant-bush		■	■		C	●	●	●	●		Reliable and robust	●	
Gleichenia microphylla	Scrambling Coral-fern	■	■	■		C	●	●				Not usually planted		
Goodenia ovata	Hop Goodenia		■	■		C	●	●	●	●	●	Reliable and robust	●	
Hakea nodosa	Yellow Hakea			■		L	●	●	●			Reliable and robust - increase use if in occurs local area		
Olearia lirata	Showy Daisy-bush			■		C	●	●	●	●		Reliable and robust	●	
Ozothamnus ferrugineus	Tree Everlasting			■		C	●	●	●	●	●	Reliable and robust	●	
Ozothamnus rosmarinifolius	Rosemary Everlasting			■		O	●	●	●	●		Reliable and robust	●	●
SMALL SHRUBS, GRASSES, SEDGES DICOT HERBS and FERNS														
Amperea xiphoclada var. *xiphoclada*	Broom Spurge		■	■		OD	●	●	●			Reliable but usually not propagated - increase use if in occurs local area		
Baloskion tetraphyllum ssp. *tetraphyllum*	Tassel Cord-rush	■	■			OD	●	●	●	●		Reliable and robust - increase use if in occurs local area	●	●
Baumea tetragona	Square Twig-rush	■	■			O	●	●				Reliable but usually not propagated - increase use if in occurs local area		●
Bolboschoenus medianus	River Club-sedge	■				O	●	●	●	●	●	Dormant in winter	●	
Carex appressa	Tall Sedge	■	■			C	●	●	●	●	●	Reliable and robust	●	
Carex fascicularis	Tassel Sedge	■	■			O	●	●	●	●		Reliable and robust	●	
Carex tereticaulis	Hollow Sedge	■	■			O	●	●	●			Reliable and robust		
Cyperus lucidus	Leafy Flat Sedge	■				O	●	●	●	●		Reliable and robust	●	
Eleocharis acuta	Common Spike-rush	■				C	●	●	●	●	●	Reliable and robust	●	
Empodisma minus	Spreading Rope-rush		■	■		O	●	●				Reliable but usually not planted - increase use if in occurs local area		●
Gahnia clarkei	Tall Saw-sedge	■	■			L	●	●				Reliable and robust - increase use if in occurs local area		●
Gahnia sieberiana	Red-fruit Saw-sedge		■	■		D	●	●	●	●		Reliable and robust	●	●
Gonocarpus tetragynus	Common Raspwort			■		O	●	●	●			Reliable but usually not propagated - increase use if in occurs local area		
Juncus pallidus	Pale Rush	■	■			O	●	●	●			Reliable and robust		
Lepidosperma longitudinale	Pithy Sword-sedge		■			D	●	●	●			Previously not available, recent advances in propagation may see an increase in availability		●
Lepidosperma laterale var. *majus*	Variable Sword-sedge		■	■		C	●	●	●			Previously not available, recent advances in propagation may see an increase in availability		
Luzula meridionalis	Common Woodrush	■	■			L	●	●	●			Reliable but usually not propagated - increase use if in occurs local area		
Microlaena stipoides var. *stipoides*	Weeping Grass		■	■		C	●	●	●			Maintain remnants by controlling grassy weeds		

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Notodanthonia semiannularis	Wetland Wallaby-grass		■			O	●	●	●			Reliable and robust		
Oxalis exilis	Shady Wood-sorrel		■	■		O	●	●				Not usually planted		
Phragmites australis	Common Reed	■	■			D	●	●	●	●	●	Reliable and robust - will dominate area so use sparingly in degraded sites	●	
Poa labillardierei	Common Tussock-grass		■			C	●	●	●			Reliable and robust if used in damp area		
Pteridium esculentum	Austral Bracken			■		C	●	●	●	●	●	Not usually planted		
Schoenus brevifolius	Zig-zag Bog-sedge	■	■			O	●	●	●			Reliable but usually not propagated - increase use if in occurs local area		●
Selaginella uliginosa	Swamp Selaginella		■			O	●	●				Not usually planted		
SEMI AQUATIC AND AQUATIC HERBS														
Crassula helmsii	Swamp Crassula	■				C	●	●	●			Reliable and robust		
Hydrocotyle sibthorpioides	Shining Pennywort	■				O	●	●				Reliable but requires good site preparation		
Lobelia anceps	Angled Lobelia	■				O	●	●				Reliable but requires good site preparation		
Myriophyllum crispatum	Upright Water-milfoil	■				O	●	●	●			Reliable but requires good site preparation		
Persicaria decipiens	Slender Knotweed	■				O	●	●	●	●		Reliable and robust	●	
Persicaria subsessilis	Hairy Knotweed	■				O	●	●	●			Reliable and robust		
Triglochin striatum	Streaked Arrowgrass	■				C	●	●	●			Reliable and robust		
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