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.



Zone



healthy waterways

23CVU

Botanical name	Common name	I	Planti	ng zon	ne	Dominance	١	Vegetation Quality		у	Comments		EVC Benchmark	
		1	2	3	4		5	4	3	2	1		replanting	
TREES														
Eucalyptus globulus ssp. bicostata	Eurabbie					L	٠	٠	•	٠	•	Reliable and robust	•	٠
Eucalyptus obliqua	Messmate Stringybark					D	•	•	•	•	•	Reliable and robust	•	•
Eucalyptus dives	Broad-leaved Peppermint					0	٠	•	•	٠	•	Reliable and robust	•	•
Eucalyptus radiata s.l.	Narrow leaf Peppermint					с	٠	•	•	٠	٠	Reliable and robust	•	
Eucalyptus cypellocarpa	Mountain Grey-gum					0	•	٠	•	•	•	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	٠	•	•	٠	٠	Reliable and robust	•	
Acacia stricta	Hop Wattle					0	٠	•				Difficult to propagate		
Acrotriche prostrata	Trailing Ground-berry					с	٠	٠				Can be slow to establish.		
Banksia marginata	Silver Banksia					0	٠	•	•	٠		Reliable and robust	•	
Billardiera scandens var. scandens	Common Apple-berry					0	٠	•	•	٠		Use only in high quality revegetation	•	•
Cassinia aculeata	Common Cassinia					с	٠	•	•	٠	•	Reliable and robust	•	
Clematis aristata	Mountain Clematis					с	٠	٠	•	٠		Use only in high quality revegetation	•	•
Coprosma quadrifida	Prickly Currant-bush					с	•	•	•	٠	•	Reliable and robust	•	
Epacris impressa	Common Heath					с	•	٠	•			Difficult to propagate		
Glycine clandestina	Twining Glycine					0	٠	٠	٠	٠		Can be difficult to establish	•	•
Hardenbergia violacea	Purple Coral-pea					0	٠	•	•	٠		Use only in high quality revegetation	•	•
Leptospermum continentale	Prickly Tea-tree					0	٠	٠	٠	٠	٠	Reliable and robust	•	
Olearia phlogopappa	Dusty Daisy-bush					с	٠	٠	•					
GRASSES, SEDGES DICOT HERBS	and FERNS													
Acaena novae-zelandiae	Bidgee-widgee					0	٠	•	•	٠	•	Useful for weed suppression with adequate site preparation	•	•
Acrotriche prostrata	Trailing Ground-berry					0	٠	•				Difficult to propagate		•
Adiantum aethiopicum	Common Maidenhair					0	•	•	•			Difficult to propagate		
Asplenium flabellifolium	Necklace Fern					L	٠					Difficult to propagate		•
Austrodanthonia pilosa	Velvet Wallaby-grass					L	٠							•
Dianella tasmanica	Tasman Flax-lily					с	•	٠	٠	٠	•	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	٠							•
Gahnia radula	Thatch Saw-sedge					L	٠	•				Difficult to propagate		
Gahnia sieberiana	Red-fruit Saw-sedge					с	٠	•	•	٠	٠	Reliable and robust	•	
Galium propinquum	Maori Bedstraw					D	٠	•				Can be difficult to establish due to diminutive size		
Gonocarpus tetragynus	Common Raspwort					с	٠	•	•			Can be difficult to establish due to diminutive size		
Hovea heterophylla	Common Hovea					0	٠	٠	•			Can be difficult to establish due to diminutive size		•
Hydrocotyle laxiflora	Stinking Pennywort					0	٠	•				Can be difficult to establish due to diminutive size		•
Hypericum gramineum	Small St John's Wort					0	٠	٠				Can be difficult to establish due to diminutive size		

Key Planti

1

2

3 4

ing Zone	Do	minance	Vegeta				
Bed	L	Limited		iese co			
Lower Bank	0	Occasional		e diffe			
Upper Bank	с	Common		Very Low			
Verge	D	Dominant		Medi			
			4	1 Linda			

ation Quality

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

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

Most suitable for replanting

EVC Benchmark

Plants listed in this column are species which are readily EVC benchmarks have been developed as 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. 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.

シス	$C \setminus I$

Botanical name	Common name	F	lantir	ng zon	e	Dominance	١	Vegetation Quality		у	Comments		EVC Benchmark	
		1	2	3	4		5	4	3	2	1		replanting	
Lomandra filiformis ssp. coriacea	Wattle Mat-rush					с	٠	•	•					•
Lomandra longifolia ssp. longifolia	Spiny-headed Mat-rush					D	٠	٠	٠	٠	٠	Reliable, robust and easily propagated	•	•
Luzula meridionalis var. flaccida	Common Woodrush					0	٠	•						•
Microlaena stipoides var. stipoides	Weeping Grass					С	•	•	•	•	•	Can be useful for initial site colonisation. Manage remnants with appropriate weed control	•	•
Olearia megalophylla	Large-leaf Daisy-bush					0	•	•						
Pimelea humilis	Common Rice-flower					0	٠	٠				Difficult to propagate on large scale.		
Poa ensiformis	Sword Tussock-grass					с	٠	٠	٠	•	٠	Prefers moist shaded terraces	٠	•
Poa tenera	Slender Tussock-grass					0	٠	٠						•
Pteridium esculentum	Austral Bracken					0	•	•	٠			Difficult to propagate		•
Senecio minimus	Shrubby Fireweed					D	٠	٠	٠					٠
Senecio quadridentatus	Cotton Fireweed					с	٠	•	•	•		Can be useful for initial site colonisation	•	•
Senecio tenuiflorus	Slender Fireweed					с	٠	٠	٠					•
Stellaria pungens	Prickly Starwort					с	٠	•				Can be difficult to establish due to diminutive size		•
Stylidium graminifolium s.l.	Grass Trigger-plant					0	٠	٠	٠	٠		Difficult to establish a self perpetuating colony	•	
Themeda triandra	Kangaroo Grass					с	٠	•	٠	•	•	Requires burning or heavy disturbance for regeneration	•	
Veronica calycina	Hairy Speedwell					с	٠	٠				Can be difficult to establish due to diminutive size		
Viola hederacea sensu Willis (1972)	Ivy-leaf Violet					с	٠	٠	٠			Can be difficult to establish due to diminutive size		•
Wahlenbergia gracilis s.l.	Sprawling Bluebell					0	٠	•	•			Easy to grow and establish, but small size. Can spread easily by seed.		
Wahlenbergia stricta	Tall Bluebell					0	٠	٠	٠	٠		Use only in high quality revegetation	٠	٠

Key

itey						
Planting Zone	Dominance	Vegetation Quality	Most suitable for replanting			
 Bed Lower Bank Upper Bank Verge 	L LimitedO CocasionalC CommonD Dominant	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	Plants listed in this column are s cultivated in nurseries with indig skills, reliable in revegetation wit rate of 95% or greater three yee assumes that a high quality plan plant standard) and that weed r is undertaken with appropriate s			

EVC Benchmark

 e species which are readily
 EVC benchmarks have been developed as

 udigenous plant propagation
 standard reference points that are applied

 with an expected survival
 an EVC benchmarks have been developed as

 standard reference points that are applied
 in carrying out vegetation assessments.

 Jant was supplied (refer to be management and planting te skill and diligence.
 neuroplication

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



Zone

healthy waterways



9GIP

Botanical name	Common name	I	Plantii	ng zone	2	Dominance	١	/eget	ation	Quali	ty	Comments	Most suitable for	EVC r Benchmark
		1	2	3	4		5	4	3	2	1		replanting	
LARGE SHRUBS														
Atriplex cinerea	Coast saltbush					D	٠	•	٠	٠		On shell banks, low dunes and berms only	•	
Atriplex paludosa ssp. paludosa	Marsh Saltbush					0	٠	٠	٠	٠		Reliable and robust - limited availability	•	
Avicennia marina ssp. australasica	White Mangrove					D	٠	•	•			Along channels leading to and within Saltmarsh		
Tecticornia arbuscula (Syn. Sclerostegia arbuscula)	Shrubby Glasswort					D	•	•	•	•	•	Reliable and robust	•	•
SMALL SHRUBS, GRASSES, SEDGE	ES DICOT HERBS and FERNS	5												
Apium prostratum ssp. prostratum s.l.	Sea Celery		•	•		0	٠	•	٠			Reliable with good site preparation		
Disphyma crassifolium ssp. clavellatum	Rounded Noon-flower					D	•	•	•	•	•	Reliable and robust	•	•
Distichlis distichophylla	Australian Salt-grass					D	٠	٠	•	٠		Reliable and robust	•	
Frankenia pauciflora var. gunnii	Southern Sea-heath					0	٠	٠	•			Reliable with good site preparation		•
Gahnia filum	Chaffy Saw-sedge					с	•	•	•	•		Reliable and robust - check local occurance, limited availability	•	
Gahnia trifida	Coast Saw-sedge					с	•	•	•	•		Reliable and robust - check local occurance, limited availability	•	
Hemichroa pentandra	Trailing Hemichroa					с	•	•	•			Not generally available		
Juncus kraussii ssp. australiensis	Sea Rush					D	٠	•	•	•	•	Reliable and robust	•	
Lawrencia spicata	Salt Lawrencia					ο	•	•				Not generally available		
Limonium australe	Yellow Sea-lavender					0	٠	•				Not generally available		
Lobelia irrigua	Salt Pratia					с	٠	•	•	•		Reliable with good site preparation	•	
Mimulus repens	Creeping Monkey-flower					с	٠	•	•	•		Reliable with good site preparation	•	
Poa poiformis var. poiformis	Coast Tussock-grass					D	٠	٠	•	٠	•	Fringing (i.e. landward) of upper saltmarsh	•	
Puccinellia stricta var. stricta / var. perlaxa	Australian Saltmarsh- grass					с	•	•	•			Reliable with good site preparation		
Samolus repens	Creeping Brookweed					0	٠	٠	•	•		Reliable with good site preparation	•	•
Sarcocornia blackiana	Thick-head Glasswort					0	٠	٠	•	•		Reliable and robust	•	
Sarcocornia quinqueflora ssp. quinqueflora	Beaded Glasswort		-			D	•	•	•	•	•	Reliable and robust	•	•
Selliera radicans	Shiny Swamp-mat					с	٠	٠	•	٠	•	Reliable and robust	•	
Sporobolus virginicus	Salt Couch					0	٠	•	•			Reliable and robust		
Suaeda australis	Austral Seablite					с	٠	٠	•	٠	٠	Reliable and robust	•	•
Triglochin striatum	Streaked Arrowgrass					ο	٠	•	•	•	•	Reliable and robust	•	•
Wilsonia rotundifolia	Round-leaf Wilsonia					0	٠	٠				Reliable with good site preparation		

Planting Zone

2 Lower Bank

3 📕 Upper Bank 4 Verge

1 Bed

L Limited

O Occasional

C Common

D Dominant

Dominance Vegetation Quality

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

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

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



Zone





<u>9</u>vvp

Botanical name	Common name	P	Plantii	nting zone		Dominance	١	/eget	ation	Quali	ty	Comments	Most suitable for	
		1	2	3	4		5	4	3	2	1		replanting	
SMALL TREES/LARGE - MEDIUM S	SHRUBS & VINES													
Atriplex cinerea	Coast saltbush					D	•	•	٠	٠		On shell banks, low dunes and berms only	٠	
Atriplex paludosa ssp. paludosa	Marsh Saltbush					0	٠	٠	٠	٠		Reliable and robust - limited availability	٠	
Avicennia marina ssp. australasica	White Mangrove					D	•	٠	٠			Along channels leading to and within Saltmarsh		
Muehlenbeckia florulenta	Tangled Lignum					D	٠	٠	٠	٠		At outer edge of Saltmarsh communities	٠	
Tecticornia arbuscula (Syn. Sclerostegia arbuscula)	Shrubby Glasswort					D	•	•	•	•	•	Reliable and robust	•	
Tecticomia 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, SEDGE	S DICOT HERBS and FERNS	5												
Apium prostratum ssp. prostratum s.l.	Sea Celery		•	•		L	•	•	•			Reliable with good site preparation		
Disphyma crassifolium ssp. clavellatum	Rounded Noon-flower					с	•	•	•	•	•	Reliable and robust	•	•
Distichlis distichophylla	Australian Salt-grass					D	•	•	•	•		Reliable and robust	•	
Frankenia pauciflora var. gunnii	Southern Sea-heath					0	•	•	•			Reliable with good site preparation		•
Gahnia filum	Chaffy Saw-sedge					D	•	•	•	•		Reliable and robust - limited availability	•	
Hemichroa pentandra	Trailing Hemichroa					с	•	•	•			Not generally available		
Juncus kraussii ssp. australiensis	Sea Rush					с	•	•	•	•	•	Reliable and robust	•	
Lawrencia spicata	Salt Lawrencia					0	•	•				Not generally available		
Lobelia irrigua	Salt Pratia					0	•	•	•	•		Reliable with good site preparation	•	
Mimulus repens	Creeping Monkey-flower					с	٠	•	•	•		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					с	•	•	•			Reliable with good site preparation		
Samolus repens	Creeping Brookweed					0	•	•	•	•		Reliable with good site preparation	•	•
Sarcocornia blackiana	Thick-head Glasswort					0	٠	٠	•	٠		Reliable with good site preparation		
Sarcocornia quinqueflora ssp. quinqueflora	Beaded Glasswort					D	•	•	•	•	•	Reliable and robust	•	•
Selliera radicans	Shiny Swamp-mat					с	٠	٠	٠	•	•	Reliable and robust	•	
Sporobolus virginicus	Salt Couch					ο	•	٠	٠			Reliable and robust		
Suaeda australis	Austral Seablite					с	•	•	•	•	٠	Reliable and robust	٠	•
Triglochin striatum	Streaked Arrowgrass					с	•	٠	•	•	•	Reliable and robust	•	
Wilsonia humilis	Silky Wilsonia					o	•	•	٠			Reliable with good site preparation		
Wilsonia rotundifolia	Round-leaf Wilsonia					0	•	•	٠			Reliable with good site preparation		

Key

Planting Zone

2 Lower Bank

3 📕 Upper Bank 4 Verge

1 Bed

Do	minance	Vegetation Quality
L	Limited	These columns show t

O Occasional

C Common

D Dominant

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

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

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



Zone



healthy waterways

18stz

Botanical name	Common name	F	Plantii	ng zor	ne	Dominance	١	Vegetation Quality		ty	Comments		EVC Benchmark	
		1	2	3	4		5	4	3	2	1		replanting	
TREES (40% canopy cover is the b	enchmark for this EVC and car	n be al	tered	in deg	radeo	l sites dependin	g on c	onstr	aints)					
Acacia dealbata ssp. dealbata	Silver Wattle					L	•	٠	•			Usually able to regenerate - avoid planting or use in limited numbers		•
Acacia melanoxylon	Blackwood					с	•	٠	٠	٠	•	Reliable and robust	•	•
Eucalyptus cypellocarpa	Mountain Grey Gum					L	٠	٠	٠	•		Reliable and robust - check local occurrence	•	
Eucalyptus melliodora	Yellow Box					L	•	٠				Not common in this bioregion - useful where waterway has incised and the banks are now drier		
Eucalyptus obliqua	Messmate Stringybark					0	•	٠	•	٠		Reliable and robust	٠	•
Eucalyptus ovata var. ovata	Swamp Gum					0	٠	٠	•	•		Reliable and robust	•	
Eucalyptus radiata ssp. radiata	Narrow-leaf Peppermint				-	0	•	٠	•	•		Reliable and robust - useful where waterway has incised and the banks are now drier	•	
Eucalyptus rubida	Candlebark					L	•	٠				Reliable and robust - check local occurrence		
Eucalyptus strzeleckii	Strzelecki Gum					0	•	٠	•	٠	•	Reliable and robust - check local occurrence	٠	•
Eucalyptus viminalis ssp. viminalis	Manna Gum					с	٠	٠	•	٠	•	Reliable and robust	•	•
SMALL TREES/LARGE - MEDIUM	SHRUBS & VINES													
Acacia verticillata ssp. verticillata	Pricky Moses					о	•	•		•	•	Reliable and robust	•	
Bursaria spinosa ssp. spinosa	Sweet Bursaria					с	•	٠	•	•		Reliable and robust	•	
Callistemon sieberi	River Bottlebrush					L	•	•				Associated with rocky streambeds and streambanks		
Cassinia aculeata	Common Cassinia					0	٠	٠	٠	٠		Reliable and robust	•	
Clematis aristata	Mountain Clematis					0	٠	٠	•			Limited availability		•
Coprosma quadrifida	Prickly Currant-bush					0	٠	٠	٠	٠		Reliable and robust	•	•
Goodenia ovata	Hop Goodenia					с	٠	٠	•	٠	•	Reliable and robust	•	•
Gynatrix pulchella	Hemp Bush					0	•	٠	•			Reliable and robust and a better performer in sheltered sites with available moisture		
Kunzea ericoides s.l.	Burgan					0	•	٠	•	٠	•	Reliable and robust, can dominate sites	•	
Leptospermum continentale	Prickly Tea-tree					с	•	٠	٠	٠	•	Reliable and robust	•	
Leptospermum lanigerum	Woolly Tea-tree					с	•	•	•			Reliable and robust and a better performer in sheltered sites with available moisture		
Leptospermum scoparium	Manuka					с	•	٠	•			Reliable and robust		
Lomatia myricoides	River Lomatia					0	•	٠	•			Limited availability		
Melaleuca ericifolia	Swamp paperbark					с	•	٠	•	٠	•	Reliable and robust	•	
Melicytas dentata	Tree Violet					0	•	٠	•	٠		Reliable and robust	•	
Notelaea ligustrina	Privet Mock-olive					L	•	•				Reliable and robust		
Olearia lirata	Snow Daisy-bush					с	•	•	•	•	•	Reliable and robust	•	•
Ozothamnus ferrugineus	Tree-Everlasting					с	•	•	•	•	•	Reliable and robust	•	
Pandorea pandorana	Wonga Vine					0	•	•				Limited availability		
Pomaderris aspera	Hazel Pomaderris					с	•	•	•	٠		Reliable and robust	•	•
Pomaderris racemosa	Cluster pomoderris					L	•	•				Limited availability		
Prostanthera lasianthos ssp. lasianthos	Victorian Christmas-bush					0	•	•	•	•		Reliable and robust	•	•
Rapanea howittiana	Muttonwood					0	٠	٠	٠	٠		Reliable and robust	•	

Key

Planting Zone

2 Lower Bank

3 📕 Upper Bank 4 Verge

1 Bed

L Limited

O Occasional

C Common

D Dominant

Dominance Vegetation Quality

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

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

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 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. long-undisturbed stand of the same vegetation type.

18stz

Botanical name	Common name	Р	lantir	ng zon	e	Dominance	٧	/eget	ation	Quali	ty	Comments	Most suitable for	EVC Benchmark
		1	2	3	4		5	4	3	2	1		replanting	
GRASSES, SEDGES DICOT HERBS	and FERNS													
Acaena novae-zelandiae	Bidgee-widgee					с	٠	٠	•	٠		Reliable with good site preparation	•	•
Acrotriche prostrata	Trailing Ground-berry					0	٠	٠				Not usually planted		
Adiantum aethiopicum	Common Maidenhair					0	٠	٠				Not usually planted		
Austrocynoglossum latifolium	Forest Hound's-tongue					с	٠	٠	•	٠		Reliable with good site preparation	٠	
Blechnum minus	Soft Water-fern					0	٠	٠				Usually not planted		
Blechnum nudum	Fishbone Water-fern					0	٠	٠				Usually not planted		•
Blechnum wattsii	Hard Water-fern					0	٠	٠				Usually not planted		٠
Carex appressa	Tall Sedge					с	٠	٠	•	٠		Reliable and robust	•	٠
Carex fascicularis	Tassel Sedge					с	٠	•	•			Reliable and robust		
Carex gaudichaudiana	Fen Sedge					L	٠	٠	•			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					0	٠	٠	•	٠		Reliable and robust	•	
Dianella tasmanica	Tasman Flax-lily					с	٠	٠	•	•		Reliable and robust	•	•
Dichondra repens	Kidney-weed					с	٠	٠	•			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	٠	٠				Usually not planted		
Gahnia sieberiana	Red-fruit Saw-sedge					с	٠	•	•	•		Reliable and robust	•	•
Galium propinquum	Maori Bedstraw					0	٠	٠	•			Usually not planted		
Geranium potentilloides	Cinquefoil Cranesbill					0	٠	٠	•			Usually not planted		٠
Hydrocotyle hirta	Hairy Pennywort					0	٠	٠	•			Usually not planted		٠
Isolepis inundata	Swamp Club-sedge					с	٠	٠	•			Reliable with good site preparation		•
Juncus amabilis	Hollow Rush					0	٠	٠	•	•		Reliable and robust	•	
Juncus effusus	Soft Rush					0	٠	•				Reliable and robust		
Juncus sarophorus	Broom Rush					0	•	٠	•	٠		Reliable and robust	•	
Lepidosperma elatius	Tall Sword-sedge					0	•	•				Previously not available, recent advances in propagation may see an increase in availability		•
Lepidosperma laterale	Variable Sword-sedge					с	•	•	•			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	•	٠				Usually not planted		
Lobelia pratioides	Poison Lobelia					0	•	•	•			Reliable and robust in moist location		
Lomandra longifolia ssp. longifolia	Spiny-headed Mat-rush					D	٠	٠	٠	٠		Reliable and robust	•	
Lycopus australis	Australian Gipsy-wort					0	•	•	•	•		Reliable and robust in moist location	•	
Mentha australis	River Mint					0	•	•	•			Reliable and robust in moist location		
Microlaena stipoides var. stipoides	Weeping Grass					0	•	•	•			Maintain remnants by controlling grassy weeds		•
Oxalis corniculata s.l.	Yellow Wood-sorrel					0	•	٠				Usually not planted		•
Poa australis spp. agg.	Tussock Grass					с	•	•	•			Ideally suited to moist shaded sites		•

Key

Planting Zone	Do	minance	Ve	egetati
1 🗾 Bed		Limited		nese col ve differ
2 Lower Bank	0	Occasional		
3 📕 Upper Bank	с	Common		Very le Low
4 Verge	D	Dominant	3	Mediı. High

ion Quality

plumns show the species expected to be present in areas of vegetation at erent quality levels.

Very low Highly degraded with limited social and amenity values
 Low Highly modified, fragmented and meets social and amenity requirements
 Medium Fragmented remnants
 High Relatively intact, structural vegetation elements present with high connectivity
 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 Plants used 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

18stz

Botanical name	Common name	P	lantii	ng zon	e	Dominance	١	/eget	ation	Qual	ty	Comments	Most suitable for	EVC Benchmark
		1	2	3	4		5	4	3	2	1		replanting	
Poa ensiformis	Sword Tussock-grass					с	٠	٠	•	•		Ideally suited to moist shaded sites	•	
Poa labillardierei var. labillardierei	Common Tussock-grass		•			0	•	•	•	•		Confine location to river terraces where soil moisture levels are higher	•	
Poa tenera	Slender Tussock-grass					0	٠	٠				Usually not planted		•
Polystichum proliferum	Mother Shield-fern					0	•	٠				Usually not planted		•
Pteridium esculentum	Common Bracken					с	٠	٠	•	•		Not available - may be present via natural regeneration		•
Rubus parvifolius	Small-leaf Bramble					0	٠	٠	•	•		Reliable and robust provides good low habitat	•	
Senecio linearifolius	Fireweed Groundsel					0	٠	٠	•			Disturbance and post fire coloniser		
Senecio minimus	Shrubby Fireweed					0	٠	٠	•	•		Disturbance and post fire coloniser	•	
Stellaria pungens	Prickly Starwort			•		0	•	•				Usually not planted but often a significant component of ground flora and competitive after disturbance.		
Tetrarrhena juncea	Forest Wire-grass					с	٠	٠	•			Often not planted but reliable dominant post disturbance		•
Urtica incisa	Scrub Nettle			-		0	٠	•	•			Usually not planted but often a significant component of ground flora and competitive after disturbance		
Viola hederacea sensu Willis (1972)	Ivy-leaf Violet					0	٠	٠				Usually not planted		•
SEMI AQUATIC AND AQUATIC HE	RBS													
Alisma plantago-aquatica	Water Plantain					0	٠	٠	•			Reliable and robust		
Baumea articulata	Jointed Twig-sedge					0	٠	٠	•	•		Reliable and robust	•	
Baumea rubiginosa sens. lat.	Soft Twig-rush					0	٠	٠	•			Reliable and robust		
Bolboschoenus medianus	Marsh Club-sedge					0	٠	٠	•	٠		Reliable and robust	•	
Eleocharis acuta	Common Spike-sedge					D	•	٠	•	•		Reliable and robust	•	
Eleocharis sphacelata	Tall Spike-sedge					0	٠	٠	•	٠		Reliable and robust	•	
Myriophyllum crispatum	Upright Water-milfoil					0	•	٠	•			Reliable and robust		
Persicaria decipens	Slender Knotweed					с	٠	٠	٠	•		Reliable and robust	•	
Persicaria praetermissa	Spotted Knotweed					с	•	•	•			Reliable and robust		
Persicaria subsessilis	Hairy Knotweed					с	•	٠	•			Reliable and robust		
Phragmites australis	Common Reed					0	•	٠	•			Reliable and robust		
Schoenoplectus tabernaemontani	River Club-sedge					D	٠	٠	•	•		Reliable and robust	•	

Key

Planting Zone	Dominance	Vegetation Quality
1 Bed	L Limited	These columns show the specie
2 Lower Bank	O Occasional	five different quality levels.
3 📕 Upper Bank	C Common	1 Very low Highly degraded 2 Low Highly modified
4 Verge	D Dominant	3 Medium Fragmented rem

ies expected to be present in areas of vegetation at

ed with limited social and amenity values ed, fragmented and meets social and amenity requirements

mnants

 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 Plants used 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

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



Zone



83GIP

Botanical name	Common name	F	Planti	ng zor	ie	Dominance	١	/egeta	ation (Qualit	у	Comments	Most suitable for	EVC Benchmark
		1	2	3	4		5	4	3	2	1		replanting	
TREES														
Acacia dealbata ssp. dealbata	Silver Wattle					L	•	•	•			Usually able to regenerate - exclude or only plant in limited numbers		
Acacia mearnsii	Black Wattle					с	٠	٠	٠	٠	٠	Reliable and robust - use in limited numbers	•	
Acacia melanoxylon	Blackwood					с	•	٠	٠	•	•	Reliable and robust	•	•
Eucalyptus cephalocarpa	Silver-leaf Stringybark					0	٠	٠	٠	•		Reliable and robust - check local occurrence	•	
Eucalyptus ovata var. ovata	Swamp Gum					D	٠	٠	٠	•	•	Reliable and robust	•	•
Eucalyptus radiata s.l.	Narrow-leaf Peppermint					0	٠	٠	٠	•		Reliable and robust	•	•
Eucalyptus viminalis	Manna Gum					с	•	٠	•	•	•	Reliable and robust	•	
Eucalyptus yarraensis	Yarra Gum					L	٠	٠	٠	•		Local occurrence on Dandenong Creek	•	
SMALL TREES/LARGE - MEDIUM	SHRUBS & VINES													
Acacia verticillata ssp. verticillata	Prickly Moses					0	٠	٠	•	•		Reliable and robust	•	
Billardiera scandens	Common Apple-berry					0	٠	٠	•			Reliable and robust		
Bursaria spinosa ssp. spinosa	Sweet Bursaria					с	٠	٠	•	•		Reliable and robust	•	•
Cassinia aculeata	Common Cassinia					0	٠	٠	٠	•	•	Reliable and robust	•	
Coprosma quadrifida	Prickly Current-bush					0	٠	٠	•	•		Reliable and robust	•	•
Exocarpos cupressiformis	Cherry Ballart					0	٠	٠				Not available for planting		
Goodenia ovata	Hop Goodenia					с	•	•	•	•	•	Reliable and robust	•	
Gynatrix pulchella	Hemp Bush					0	٠	٠	•	•		Requires good conditions to establish	•	
Leptospermum continentale	Prickly Tea-tree					с	٠	٠	٠	٠	•	Reliable and robust	•	•
Leptospermum lanigerum	Woolly Tea-tree					с	٠	٠	٠	•	•	Reliable and robust	•	•
Leptospermum scoparium	Manuka					с	٠	٠	٠	•		Reliable and robust	•	
Melaleuca ericifolia	Swamp Paperbark					D	٠	٠	٠	٠	•	Reliable and robust	•	•
Melaleuca squarrosa	Scented Paperbark					0	٠	٠	٠	•	•	Reliable and robust	•	
Melicytus dentata	Tree Violet					с	٠	٠	٠	٠		Reliable and robust	•	
Olearia lirata	Snow Daisy-bush					0	٠	٠	٠	•		Reliable and robust	•	
Ozothamnus ferrugineus	Tree Everlasting					0	٠	٠	•	٠	٠	Reliable and robust	•	
Ozothamnus rosmarinifolius	Rosemary Everlasting					0	•	٠				Reliable and robust - increase use if occurs in local area		
Prostanthera lasianthos	Victorian Christmas-bush					0	٠	٠	•	•		Requires good conditions to establish	•	
Solanum laciniatum	Large Kangaroo Apple						٠	٠	٠	•		Coloniser - use on degraded sites in limited numbers	•	
SMALL SHRUBS, GRASSES, SEDG	ES DICOT HERBS and FERNS													
Acaena novae-zelandiae	Bidgee-widgee					D	٠	٠	٠	•	•	Reliable with good site preparation	•	•
Adiantum aethiopicum	Common Maidenhair					0	٠	٠				Usually not planted		
Austrodanthonia laevis	Smooth Wallaby-grass					ο	•	٠	٠			Reliable with good site preparation		
Blechnum minus	Soft Water-fern					0	٠	٠				Usually not planted		
Blechnum nudum	Fishbone Water-fern					0	٠	٠				Usually not planted		
Calystegia sepium	Large Bindweed					0	٠	٠	٠			Not usually planted		
Carex appressa	Tall Sedge					D	•	٠	•	•	•	Reliable and robust	•	•

Key

Planting Zone Dominance Vegetation Quality L Limited 1 Bed 2 Lower Bank **O** Occasional C Common 3 📕 Upper Bank 4 Verge D Dominant

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

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

83GIP

Botanical name	Common name	Planting zone		ie	Dominance	Vegetation Quality		y	Comments	Most suitable for	EVC Benchmark			
		1	2	3	4		5	4	3	2	1		replanting	
Carex gaudichaudiana	Fen Sedge					с	•	٠	•	•		Reliable with good site preparation	•	
Carex inversa	Knob Sedge					0	٠	٠	•			Reliable with good site preparation		
Centella cordifolia	Centella					ο	٠	٠	•	•		Reliable with good site preparation	•	
Dianella admixta	Black-anther Flax-lily					0	٠	٠	•			Reliable with good site preparation		
Dianella laevis	Smooth Flax-lily					0	٠	٠	•			Reliable with good site preparation		
Dianella tasmanica	Tasman Flax-lily					с	٠	٠	•	٠		Reliable and robust	•	
Dichondra repens	Kidneyweed					с	٠	٠	•			Reliable with good site preparation		•
Epilobium billardierianum	Variable Willow-herb					0	٠	٠	•			Coloniser - Not usually planted		
Gahnia radula	Thatch Saw-sedge					с	٠	٠				Cannot be propagated in useable quantities		
Gahnia sieberiana	Red-fruit Saw-sedge					0	٠	٠	٠			Reliable and robust		
Geranium potentilloides	Cinquefoil Cranesbill					0	٠	٠				Not usually planted		
Goodenia humilis	Swamp Goodenia					с	٠	٠	•			Reliable with good site preparation		
Gonocarpus tetragynus	Common Raspwort					0	٠	•	•			Reliable but usually not propagated - increase use if in occurs local area		•
Hemarthria uncinata var. uncinata	Mat Grass					ο	٠	٠	•			Reliable and robust		
Hydrocotyle hirta	Hairy Pennywort					0	٠	٠				Usually not planted		•
Hydrocotyle sibthorpioides	Shining Pennywort					0	٠	٠				Usually not planted		
Juncus gregiflorus	Green Rush					0	٠	٠	٠	•		Reliable and robust	•	
Juncus pallidus	Pale Rush					с	٠	٠	٠	٠	٠	Reliable and robust	•	
Juncus pauciflorus	Loose-flower Rush					с	٠	٠	٠	•		Reliable and robust	•	
Juncus sarophorus	Broom Rush					с	٠	٠	•	•	•	Reliable and robust	•	
Lepidosperma elatius	Tall Sword-sedge					с	•	•	•			Previously not available, recent advances in propagation may see an increase in availability		•
Lepidosperma laterale var. majus	Variable Sword-sedge					с	•	•	•			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					с	•	•	•	•	•	Coloniser - Not usually planted		
Mentha australis	River Mint					0	•	•	•			Reliable with good site preparation		
Microlaena stipoides	Weeping Grass					0	٠	٠	•			Maintain remnants by controlling grassy weeds		•
Oxalis exilis	Shady Wood-sorrel					ο	٠	٠				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					с	•	•	•	•	•	Reliable and robust if used in damp area	•	
Pteridium esculentum	Common Bracken					с	٠	٠	•	٠	٠	Not available for planting		•
Rubus parvifolius	Small-leaf Bramble					ο	٠	•	•			Reliable and robust - provides good low habitat		
Schoenus apogon	Common Bog-sedge					с	٠	٠	•			Reliable with good site preparation		
Senecio minimus	Shrubby Fireweed					0	٠	٠	•			Disturbance and post fire coloniser		•
Senecio glomeratus	Annual Fireweed					0	•	٠	•	•		Disturbance and post fire coloniser	•	
Themeda triandra	Kangaroo Grass					с	٠	٠	•	•		Reliable and robust	•	•
Wahlenbergia gracilis s.l.	Sprawling Bluebell					0	٠	٠				Reliable with good site preparation		

Key

4 Verge

Planting Zone	Dominance	Vegetation Quality					
1 Bed	L Limited O Occasional	These columns show t five different quality le					
2 Lower Bank 3 Upper Bank	C Common	1 Very low Highly 2 Low Highly					

nns show the species expected to be present in areas of vegetation at t quality levels.

 C Occasional
 1 Very low
 Highly degraded with limited social and amenity values

 C Common
 1 Very low
 Highly modified, fragmented and meets social and amenity requirements

 D Dominant
 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 Plants used 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

83GIP

Botanical name	Common name	F	Plantii	ng zon	e	Dominance	١	/eget	ation	Qual	ity	Comments	Most suitable for	EVC Benchmark
		1	2	3	4		5	4	3	2	1		replanting	
SEMI AQUATIC AND AQUATIC HI	ERBS													
Baumea arthrophylla	Soft Twig-rush					с	٠	•	•			Reliable and robust		
Bolboschoenus medianus	River Club-sedge					0	٠	•	•	•	•	Reliable and robust - Dormant in winter		
Baumea articulata	Jointed Twig Rush					С	٠	٠	•	٠		Reliable and robust		
Carex fascicularis	Tassel Sedge					С	٠	٠	•	•	•	Reliable and robust		
Crassula helmsii	Swamp Crassula					С	•	٠	•			Reliable and robust		
Cyperus lucidus	Leafy Flat-sedge					0	٠	٠	٠	٠		Reliable and robust	•	
Eleocharis acuta	Common Spike-rush					С	٠	٠	•	٠	•	Reliable and robust		
Eleocharis sphacelata	Tall Spike-sedge					С	٠	٠	•	•		Reliable and robust		
Hydrocotyle sibthorpoiodes	Shining Pennywort					С	٠	•	•			Reliable with good site preparation		
Isolepsis inundata	Swamp Club-rush					С	٠	٠	•			Reliable with good site preparation		
Juncus procerus	Tall Rush					0	٠	٠	•	•		Reliable and robust	•	
Lycopus australis	Australian Gipsywort					0	٠	٠	•			Reliable with good site preparation		
Myriophyllum crispatum	Upright Water-milfoil					0	٠	٠				Reliable with good site preparation		
Persicaria decipens	Slender Knotweed					D	٠	•	•	•		Reliable and robust		
Persicaria praetermissa	Spotted Knotweed					С	٠	٠	•	٠		Reliable and robust		
Persicaria subsessilis	Hairy Knotweed					С	٠	•	•	•		Reliable and robust		
Phragmites australis	Common Reed					0	٠	٠	•	٠	•	Reliable and robust	•	
Schoenoplectus tabernaemontani	River Club-sedge					D	•	٠	•	•	•	Reliable and robust		
Triglochin procerum sens. lat.	Upright Water-ribbons					0	•	٠	•			Reliable and robust - guard from water fowl		
Triglochin striatum	Streaked Arrowgrass					С	٠	•	•			Reliable with good site preparation		
Villarsia reniformis	Running Marsh-flower					0	٠	٠	•			Reliable with good site preparation		

Key

Planting Zone	Dominance	Vegetation Quality											
 Bed Lower Bank Upper Bank Verge 	L LimitedO OccasionaC CommonD Dominant	 Very low Highly degraded with limited social and amenity values Low Highly modified, fragmented and meets social and amenity requirements 	Plants cultiva skills, r rate o assum plant s is und										

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

83STZ

VEGETATION SPECIES

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



Zone





83STZ

Botanical name	Common name	Р	lantir	ng zon	e	Dominance	١	/egeta	ation	Qualit	у	Comments	Most suitable for	EVC Benchmarl
		1	2	3	4		5	4	3	2	1		replanting	
TREES														
Acacia dealbata ssp. dealbata	Silver Wattle			•	•	L	٠	٠	•			Usually able to regenerate - exclude or only plant in limited numbers		
Acacia mearnsii	Black Wattle					с	٠	٠	٠	٠	٠	Reliable and robust - use in limited numbers	•	
Acacia melanoxylon	Blackwood					с	٠	٠	٠	٠	•	Reliable and robust	٠	٠
Eucalyptus ovata var. ovata	Swamp Gum					D	•	٠	٠	٠	٠	Reliable and robust	٠	٠
Eucalyptus radiata s.l.	Narrow-leaf Peppermint					0	٠	•	٠	٠		Reliable and robust	٠	•
Eucalyptus strezelekii	Strzelecki Gum					0	٠	٠	٠	٠	•	Reliable and robust - check local occurrence	٠	
Eucalyptus viminalis	Manna Gum					с	٠	•	٠	٠	•	Reliable and robust	٠	
SMALL TREES, LARGE - MEDIUM	SHRUBS & VINES													
Acacia verticillata ssp. verticillata	Prickly Moses					О	٠	•	•	•		Reliable and robust	•	
Billardiera scandens	Common Apple-berry					0	•	•	•			Reliable and robust		
Bursaria spinosa ssp. spinosa	Sweet Bursaria					с	•	•	•	•		Reliable and robust	•	
Cassinia aculeata	Common Cassinia					0	•	•	•		•	Reliable and robust	•	
Coprosma quadrifida	Prickly Current-bush					0	٠	•	•	٠		Reliable and robust	•	•
Exocarpos cupressiformis	Cherry Ballart					0	•	•				Not available for planting		
Goodenia ovata	Hop Goodenia					с	•	•	•	•	•	Reliable and robust	•	
Gynatrix pulchella	Hemp Bush					0	•	•	•	•		Requires good conditions to establish	•	
Leptospermum continentale	Prickly Tea-tree					с	•	•	•	٠	•	Reliable and robust	•	•
Leptospermum lanigerum	Woolly Tea-tree					с	•	•	•	•	•	Reliable and robust	•	•
Leptospermum scoparium	Manuka					с	٠	•	٠	•		Reliable and robust	•	
Melaleuca ericifolia	Swamp Paperbark					D	•	•	•	٠	•	Reliable and robust	•	•
Melaleuca squarrosa	Scented Paperbark					0	•	•	•	•	•	Reliable and robust	•	
Melicytus dentata	Tree Violet					с	•	•	•	•		Reliable and robust	•	
Mentha australis	River Mint					0	٠	•	٠	•		Reliable and robust	•	
Olearia lirata	Snow Daisy-bush					0	•	•	•	٠		Reliable and robust	•	
Ozothamnus ferrugineus	Tree Everlasting					0	٠	•	٠	•	•	Reliable and robust	•	
Ozothamnus rosmarinifolius	Rosemary Everlasting					0	•	•				Reliable and robust - increase use if occurs in local area		
Prostanthera lasianthos	Victorian Christmas-bush					0	•	٠	٠	•		Requires good conditions to establish	•	
Solanum laciniatum	Large Kangaroo Apple						•	٠	٠	•		Coloniser - use on degraded sites in limited numbers	•	
SMALL SHRUBS, GRASSES, SEDC	GES DICOT HERBS and FERNS	s												
Acaena novae-zelandiae	Bidgee-widgee					D	•	•	٠	•	•	Reliable with good site preparation	•	•
Adiantum aethiopicum	Common Maidenhair					0	٠	٠				Usually not planted		
Austrodanthonia laevis	Smooth Wallaby-grass					0	•	٠	٠			Reliable with good site preparation		
Blechnum minus	Soft Water-fern					ο	٠	٠				Usually not planted		
Blechnum nudum	Fishbone Water-fern					ο	٠	٠				Usually not planted		
Calystegia sepium	Large Bindweed					ο	٠	٠	٠			Not usually planted		
Carex appressa	Tall Sedge					D	•	•	•	•	•	Reliable and robust	•	•

Key

Planting Zone Dominance Vegetation Quality L Limited 1 Bed 2 Lower Bank **O** Occasional C Common 3 📕 Upper Bank 4 Verge D Dominant

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

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

83STZ

Botanical name	Common name	P	Planting zone		Dominance	V	/eget	ation	Quali	ţy	Comments	Most suitable for replanting	EVC Benchmark	
		1	2	3	4		5	4	3	2	1		reptanting	
Carex gaudichaudiana	Fen Sedge					с	•	•	•			Reliable with good site preparation		
Carex inversa	Knob Sedge					0	•	•	•			Reliable with good site preparation		
Centella cordifolia	Centella					0	•	•	•	•		Reliable with good site preparation	•	
Dianella admixta	Black-anther Flax-lily					0	•	٠	•			Reliable with good site preparation		
Dianella laevis	Smooth Flax-lily					0	•	•	•			Reliable with good site preparation		
Dianella tasmanica	Tasman Flax-lily					с	•	٠	•			Reliable and robust		
Dichondra repens	Kidneyweed					с	٠	٠	•			Reliable with good site preparation		•
Epilobium billardierianum	Variable Willow-herb					0	٠	٠	•			Coloniser - Not usually planted		
Gahnia radula	Thatch Saw-sedge					с	٠	٠				Cannot be propagated in useable quantities		
Gahnia sieberiana	Red-fruit Saw-sedge					0	٠	٠	•			Reliable and robust		
Geranium potentilloides	Cinquefoil Cranesbill					0	•	٠				Not usually planted		
Goodenia humilis	Swamp Goodenia					с	•	٠	•			Reliable with good site preparation		
Gonocarpus tetragynus	Common Raspwort		-	•		0	٠	٠	•			Reliable but usually not propagated - increase use if in occurs local area		•
Hemarthria uncinata var. uncinata	Mat Grass					0	٠	٠	•			Reliable and robust		
Hydrocotyle hirta	Hairy Pennywort					0	•	٠				Usually not planted		٠
Hydrocotyle sibthorpioides	Shining Pennywort					0	٠	٠				Usually not planted		
Juncus gregiflorus	Green Rush					0	٠	٠	•	٠		Reliable and robust	•	
Juncus pallidus	Pale Rush					с	٠	٠	•	٠	•	Reliable and robust	•	
Juncus pauciflorus	Loose-flower Rush					с	٠	٠	•	٠		Reliable and robust	•	
Juncus sarophorus	Broom Rush					с	٠	٠	•	٠	•	Reliable and robust	•	
Lepidosperma elatius	Tall Sword-sedge					0	٠	٠	•			Previously not available, recent advances in propagation may see an increase in availability		•
Lepidosperma laterale var. majus	Variable Sword-sedge					0	•	•				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					с	•	٠	•	•	•	Coloniser - Not usually planted	•	
Microlaena stipoides var. stipoides	Weeping Grass					0	٠	٠	•	٠		Maintain remnants by controlling grassy weeds	•	•
Oxalis exilis	Shady Wood-sorrel					0	٠	٠				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					с	•	•	•	•	•	Reliable and robust if used in damp area	•	
Pteridium esculentum	Austral Bracken					с	٠	•	•	•	•	Not available - may be present via natural regeneration		•
Rubus parvifolius	Small-leaf Bramble					0	•	•	•			Reliable and robust - provides good low habitat		
Schoenus apogon	Common Bog-sedge					с	•	٠	•			Reliable with good site preparation		
Senecio minimus	Shrubby Fireweed					0	٠	٠	٠			Disturbance and post fire coloniser		•
Senecio biserratus	Jagged Fireweed					0	•	٠	•			Disturbance and post fire coloniser		
Senecio glomeratus	Annual Fireweed					0	•	٠	•	•		Disturbance and post fire coloniser	•	
Themeda triandra	Kangaroo Grass					с	•	•	•			Reliable and robust		•
Wahlenbergia gracilis s.l.	Sprawling Bluebell					0	٠	•				Reliable with good site preparation		

Key Plan

Planting Zone	Dominance	Vegetation Quality					
 Bed Lower Bank Upper Bank Verge 	 L Limited O Occasional C Common D Dominant 	These columns show f five different quality le 1 Very low Highly 2 Low Highly 3 Medium Fragme					
		4 High Relativ					

lumns show the species expected to be present in areas of vegetation at rent quality levels.

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

Most suitable for replanting

Plants listed in this column are species which are readily Plants used 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

83STZ

Botanical name	Common name	F	Plantii	ng zon	e	Dominance	١	/eget	tation	Quali	ty	Comments	Most suitable for	
		1	2	3	4		5	4	3	2	1		replanting	
SEMI AQUATIC AND AQUATIC HI	ERBS													
Baumea arthrophylla	Soft Twig-rush					с	٠	•				Reliable and robust		
Bolboschoenus medianus	River Club-sedge					0	٠	•	•	٠	٠	Reliable and robust - dormant in Winter	•	
Baumea articulata	Jointed Twig-rush					с	٠	•	•	٠		Reliable and robust	•	
Carex fascicularis	Tassel Sedge					с	•	•	•	•	•	Reliable and robust	•	
Crassula helmsii	Swamp Crassula					с	٠	•	•			Reliable and robust		
Cyperus lucidus	Leafy Flat-sedge					0	٠	•	•	٠		Reliable and robust	•	•
Eleocharis acuta	Common Spike-rush					с	٠	•	•	٠	٠	Reliable and robust	•	
Eleocharis sphacelata	Tall Spike-sedge					с	٠	•	•			Reliable and robust		
Hydrocotyle sibthorpoiodes	Shining Pennywort					с	•	•	•			Reliable with good site preparation		
Isolepsis inundata	Swamp Club-rush					с	٠	•	•			Reliable with good site preparation		
Juncus procerus	Tall Rush					ο	٠	•	•	٠		Reliable and robust	•	•
Lycopus australis	Australian Gipsywort					0	٠	•	•			Reliable with good site preparation		
Myriophyllum crispatum	Upright Water-milfoil					0	٠	•				Reliable with good site preparation		
Persicaria decipens	Slender Knotweed					D	٠	•	•	٠		Reliable and robust	•	
Persicaria praetermissa	Spotted Knotweed					с	٠	•	٠	•		Reliable and robust	•	
Persicaria subsessilis	Hairy Knotweed					с	٠	•	•	٠		Reliable and robust	•	
Phragmites australis	Common Reed					0				٠	٠	Reliable and robust	٠	
Schoenoplectus tabernaemontani	River Club-sedge					с	٠	٠	•	•	•	Reliable and robust	•	
Triglochin procerum sens. lat.	Upright Water-ribbons					0	٠	•	•			Reliable and robust - guard from water fowl		
Triglochin striatum	Streaked Arrowgrass					с	٠	•	•			Reliable with good site preparation		
Villarsia reniformis	Running Marsh-flower					0	٠	•	•			Reliable with good site preparation		

Key

Planting Zone	Dominance	Vegetation Quality										
 Bed Lower Bank Upper Bank Verge 	L LimitedO CocasionalC CommonD Dominant	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	Plants cultiva skills, rate o assum plant is und									

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

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.



Zone



healthy Waterways

23CVU

Botanical name	Common name	F	lantii	ng zon	e	Dominance	١	/eget	ation	Quali	ty	Comments	Most suitable for	EVC Benchmar
		1	2	3	4		5	4	3	2	1		replanting	
TREES														
Eucalyptus globulus ssp. bicostata	Eurabbie					L	•	•	•	•	٠	Reliable and robust	•	•
Eucalyptus obliqua	Messmate Stringybark					D	•	•	•	•	•	Reliable and robust	•	•
Eucalyptus dives	Broad-leaved Peppermint					0	٠	•	•	٠	٠	Reliable and robust	•	•
Eucalyptus radiata s.l.	Narrow leaf Peppermint					с	٠	•	•	•	٠	Reliable and robust	•	
Eucalyptus cypellocarpa	Mountain Grey-gum					0	•	•	•	•	•	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					0	٠	•				Difficult to propagate		
Acrotriche prostrata	Trailing Ground-berry					с	٠	•				Can be slow to establish.		
Banksia marginata	Silver Banksia					0	٠	•	•	•		Reliable and robust	•	
Billardiera scandens var. scandens	Common Apple-berry					0	•	•	•	•		Use only in high quality revegetation	•	•
Cassinia aculeata	Common Cassinia					с	٠	•	٠	•	•	Reliable and robust	•	
Clematis aristata	Mountain Clematis					с	•	•	•	•		Use only in high quality revegetation	•	•
Coprosma quadrifida	Prickly Currant-bush					с	٠	•	•	•	٠	Reliable and robust	•	
Epacris impressa	Common Heath					с	٠	•	•			Difficult to propagate		
Glycine clandestina	Twining Glycine					0	٠	•	•	٠		Can be difficult to establish	•	•
Hardenbergia violacea	Purple Coral-pea					0	•	•	•	•		Use only in high quality revegetation	•	•
Leptospermum continentale	Prickly Tea-tree					0	•	•	•	•	٠	Reliable and robust	•	
Olearia phlogopappa	Dusty Daisy-bush					с	•	•	•					
GRASSES, SEDGES DICOT HERBS	and FERNS													
Acaena novae-zelandiae	Bidgee-widgee					о	•	•	•	•		Useful for weed suppression with adequate site preparation	•	•
Acrotriche prostrata	Trailing Ground-berry					0	•	•				Difficult to propagate		•
Adiantum aethiopicum	Common Maidenhair					0	•	•	•			Difficult to propagate		
Asplenium flabellifolium	Necklace Fern					L	•					Difficult to propagate		•
Austrodanthonia pilosa	Velvet Wallaby-grass					L	•							•
Dianella tasmanica	Tasman Flax-lily					с	٠	•	•	•	•	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	٠							•
Gahnia radula	Thatch Saw-sedge					L	•	•				Difficult to propagate		
Gahnia sieberiana	Red-fruit Saw-sedge					с	•	•	•	•	•	Reliable and robust	•	
Galium propinquum	Maori Bedstraw					D	•	•				Can be difficult to establish due to diminutive size		
Gonocarpus tetragynus	Common Raspwort					с	•	•	•			Can be difficult to establish due to diminutive size		
Hovea heterophylla	Common Hovea					0	•	•	•			Can be difficult to establish due to diminutive size		•
Hydrocotyle laxiflora	Stinking Pennywort					0	٠	•				Can be difficult to establish due to diminutive size		•
Hypericum gramineum	Small St John's Wort					0	•	•				Can be difficult to establish due to diminutive size		

Key Plan

Planting Zone	Do	minance	Vegeta
1 Bed	L	Limited	These co
2 Lower Bank	0	Occasional	five diffe
3 📕 Upper Bank	с	Common	1 Very 2 Low
4 Verge	D	Dominant	3 Med

ation Quality

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

Very low
 Highly degraded with limited social and amenity values
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Most suitable for replanting

Plants listed in this column are species which are readily Plants used 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

720	\mathbf{V}	
	v	U

Botanical name	Common name	F	Plantii	ng zon	e	Dominance	١	/eget	ation	Quali	ţy	Comments		EVC Benchmark
		1	2	3	4		5	4	3	2	1		replanting	
Lomandra filiformis ssp. coriacea	Wattle Mat-rush					с	٠	•	•					•
Lomandra longifolia ssp. longifolia	Spiny-headed Mat-rush					D	٠	٠	•	٠	٠	Reliable, robust and easily propagated	•	•
Luzula meridionalis var. flaccida	Common Woodrush					0	٠	٠						•
Microlaena stipoides var. stipoides	Weeping Grass					С	•	•	•	•	•	Can be useful for initial site colonisation. Manage remnants with appropriate weed control	•	•
Olearia megalophylla	Large-leaf Daisy-bush					0	•	٠						
Pimelea humilis	Common Rice-flower					0	٠	٠				Difficult to propagate on large scale.		
Poa ensiformis	Sword Tussock-grass					с	٠	٠	٠	٠	٠	Prefers moist shaded terraces	٠	•
Poa tenera	Slender Tussock-grass					0	٠	٠						•
Pteridium esculentum	Austral Bracken					0	•	٠	٠			Difficult to propagate		•
Senecio minimus	Shrubby Fireweed					D	٠	٠	•					٠
Senecio quadridentatus	Cotton Fireweed					с	٠	٠	•	•		Can be useful for initial site colonisation	•	•
Senecio tenuiflorus	Slender Fireweed					с	٠	٠	•					٠
Stellaria pungens	Prickly Starwort					с	٠	٠				Can be difficult to establish due to diminutive size		•
Stylidium graminifolium s.l.	Grass Trigger-plant					0	٠	٠	•	٠		Difficult to establish a self perpetuating colony	٠	
Themeda triandra	Kangaroo Grass					с	٠	٠	•	٠	•	Requires burning or heavy disturbance for regeneration	•	
Veronica calycina	Hairy Speedwell					с	٠	٠				Can be difficult to establish due to diminutive size		
Viola hederacea sensu Willis (1972)	Ivy-leaf Violet					с	٠	٠	٠			Can be difficult to establish due to diminutive size		•
Wahlenbergia gracilis s.l.	Sprawling Bluebell					ο	•	•	•			Easy to grow and establish, but small size. Can spread easily by seed.		
Wahlenbergia stricta	Tall Bluebell					0	٠	٠	٠	٠		Use only in high quality revegetation	٠	٠

Key

Planting Zone	Dominance	Vegetation Quality	Most suitable for replanting	E
 Bed Lower Bank Upper Bank Verge 	L LimitedO OccasionalC CommonD Dominant		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.	E s ii A c la V

EVC Benchmark

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



Zone



healthy waterways

18HSF

Botanical name	Common name	ł	Plantii	ng zon	e	Dominance	١	/egeta	ation (Qualit	у	Comments	Most suitable for	EVC Benchma
		1	2	3	4		5	4	3	2	1		replanting	
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					0	•	٠	٠	٠		Reliable and robust	•	٠
Eucalyptus ovata var. ovata	Swamp Gum					0	•	•	•	٠		Reliable and robust	•	
Eucalyptus radiata ssp. radiata	Narrow-leaf Peppermint					0	٠	٠	٠	٠		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	•	•	•	٠	٠	Reliable and robust	•	٠
Acacia melanoxylon	Blackwood					D	•	٠	•	٠	•	Reliable and robust	•	٠
Acacia verticillata ssp. verticillata	Pricky Moses					с	•	•	٠	٠		Reliable and robust	•	
Bedfordia arborescens	Blanket-leaf					с	٠	٠	٠			Reliable but requires moist cool conditions		
Bursaria spinosa ssp. spinosa	Sweet Bursaria					с	•	٠	٠	٠	٠	Reliable and robust	•	
Callistemon sieberi	River Bottlebrush					L	٠	٠	٠	٠	٠	Often associated with rock bars and bank attached bars.	•	
Cassinia aculeata	Common Cassinia					0	•	٠	٠	٠	٠	Reliable and robust	•	
Clematis aristata	Australian Clematis					с	•	•	٠			Limited availability		•
Coprosma quadrifida	Prickly Currant-bush					D	•	•	٠	٠	٠	Reliable and robust	•	•
Goodenia ovata	Hop Goodenia					D	•	٠	٠	٠	٠	Reliable and robust	•	•
Gynatrix pulchella	Hemp Bush					0	•	•	•	•	•	Reliable and robust and a better performer in sheltered sites with available moisture	•	
Kunzea ericoides s.l.	Burgan					0	•	•	•	٠	٠	Reliable and robust	•	
Leptospermum continentale	Prickly Tea-tree					0	٠	٠	٠	٠		Reliable and robust	•	
Leptospermum grandifolium	Mountain Tea-tree					L	•	•		•		Becoming co-domiante and eventually more common than <i>L. lanigerum</i> on Yarra River upstream of Warrandyte	•	
Leptospermum lanigerum	Woolly Tea-tree					ο	•	•	•	•	•	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					0	•	•	•			Reliable and robust. Availability can be limited		
Melaleuca ericifolia	Swamp paperbark					0	•	•	•	•		Scattered on alluvial accumulations	•	
Melicytas dentata	Tree Violet					с	•	•	•	•	•	Reliable and robust	•	
Olearia argophylla	Musk Daisy-bush					0	•	•	•			Reliable and robust in a sheltered site but not as easily propagated as many other species		
Olearia lirata	Snow Daisy-bush					с	•	•	•	•	•	Reliable and robust	•	•
Ozothamnus ferrugineus	Tree-Everlasting					ο	٠	٠	٠	٠		Reliable and robust	•	
Pandorea pandorana	Wonga Vine					0	•	•				Limited availability		
Polyscias sambucifolia subsp. 1	Broad-leaf Panax					0	٠	٠	•			Not available in large numbers, common recoloniser after fire		
Pomaderris aspera	Hazel Pomaderris					D	٠	٠	•	•	٠	Reliable and robust	•	•
Pomaderris racemosa	Cluster pomoderris					L	•	•	٠			Occasional in Warrandyte Gorge area influenced by presence on adjacent escarpment		
Prostanthera lasianthos ssp. Iasianthos	Victorian Christmas-bush					D	•	•	•	•		Reliable and robust	•	•
Rapanea howittiana	Muttonwood					0	•	•	•	•	٠	Reliable and robust once established availability can be limited	•	

Vegetation Quality

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

2 Lower Bank **O** Occasional C Common 3 📕 Upper Bank 4 Verge D Dominant

Dominance

L Limited

Planting Zone

1 Bed

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

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.

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

EVC Benchmark

18HSF

	Common name Planting zone Dominance Vegetation Quality		ty	Comments	Most suitable for	EVC Benchm								
		1	2	3	4		5	4	3	2	1		replanting	
SMALL SHRUBS, GRASSES, SED	GES DICOT HERBS and FERN	s												
Acaena novae-zelandiae	Bidgee-widgee					D	٠	٠	٠	٠		Reliable and robust	•	٠
Acrotriche prostrata	Trailing Ground-berry					0	•	٠				Propagation very limited, can be difficult to establish		
Adiantum aethiopicum	Common Maidenhair					0	٠	٠				Usually not planted		
Austrocynoglossum latifolium	Forest Hound's-tongue					с	•	•	•			Can respond vigorously after disturbance or weed control of scramblers e.g. Blackberry		
Baumea articulata	Jointed Twig-sedge					L	٠	٠				Can establish if appropriate niche is located		
Blechnum minus	Soft Water-fern					L	٠	٠				Usually not planted		
Blechnum nudum	Fishbone Water-fern					L	•	٠				Usually not planted		•
Blechnum wattsii	Hard Water-fern					L	•	•				Usually not planted		•
Carex appressa	Tall Sedge					D	•	•	٠	٠		Reliable and robust	•	•
Carex fascicularis	Tassel Sedge					0	•	•	٠			Reliable and robust		
Carex gaudichaudiana	Fen Sedge					0	•	٠	٠	٠		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					0	٠	٠	٠			Can establish if appropriate niche is located		
Dianella tasmanica	Tasman Flax-lily					с	•	•	•	•		Reliable and robust	•	•
Dichondra repens	Kidney-weed					с	•	•	•			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	٠	٠				Usually not planted		
Gahnia sieberiana	Red-fruit Saw-sedge					с	•	•	٠	•		Reliable and robust	•	•
Galium propinquum	Maori Bedstraw					L	•	٠				Usually not planted		
Geranium potentilloides	Cinquefoil Cranesbill					с	•	•	٠			Usually not planted		•
Hydrocotyle hirta	Hairy Pennywort					D	•	•				Usually not planted		•
lsolepis inundata	Swamp Club-sedge					0	•	•	•			Usually not planted		•
Juncus amabilis	Hollow Rush					0	•	•	•			Reliable and robust		
luncus sarophorus	Broom Rush					0	•	•	•			Reliable and robust		
luncus vaginatus	Clustered Rush					0	•	•				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					0	•					Previously not available, recent advances in propagation may see an increase in availability		
Lomandra longifolia ssp. longifolia	a Spiny-headed Mat-rush					D	•	٠	•	•	•	Reliable and robust	•	
ycopus australis	Australian Gipsy-wort					0	•	•	٠	٠	٠	Reliable and robust in moist location	•	
Mentha australis	River Mint					0	٠	٠	٠	٠		Reliable and robust in moist location	•	
Microlaena stipoides var. stipoide.	s Weeping Grass		•			ο	•	•	•			Useful for initial site colonisation but may be mistaken for pasture grass during maintenance		•
Oxalis corniculata s.l.	Yellow Wood-sorrel					0	•	٠				Generally not propagated		•
Poa ensiformis	Sword Tussock-grass					D	•	٠	٠	٠	٠	Ideally suited to moist shaded sites	•	
						0						Confine location to river terraces where soil moisture levels	•	

Key

Planting Zone	Dominance	Vegetation Quality
 Bed Lower Bank Upper Bank Verge 	L LimitedO OccasionalC CommonD Dominant	These columns show if the different quality limits 1 Very low 2 Low 3 Medium 4 High 4 High

umns show the species expected to be present in areas of vegetation at rent quality levels.

Very low Highly degraded with limited social and amenity values
 Low Highly modified, fragmented and meets social and amenity requirements
 Medium Fragmented remnants
 High Relatively intact, structural vegetation elements present with high connectivity
 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 Plants used 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

18HSF

Botanical name	Common name	P	lantir	ng zon	e	Dominance	V	/eget	ation	Qual	ity	Comments		EVC Benchmark
		1	2	3	4		5	4	3	2	1		suitable for replanting	
Poa tenera	Slender Tussock-grass					с	٠	•				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					0	•	٠	•			Can establish if appropriate niche is located	•	
Senecio linearifolius	Fireweed Groundsel					0	٠	•				Common coloniser particular after disturbance		
Senecio minimus	Shrubby Fireweed					0	•	٠				Common coloniser particular after disturbance		
Sigesbeckia orientalis	Indian Weed					с	•	•	•			Common coloniser particular after disturbance		
Solanum prinophyllum	Forest Nightshade					0	•	•				Can not be propagated in quantities suitable for large scale replanting		
Stellaria pungens	Prickly Starwort					0	•	•				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					с	•	٠	•			Common coloniser particular after disturbance		
Viola hederacea sensu Willis (1972)	Ivy-leaf Violet					D	•	•				Generally not propagated		•
SEMI AQUATIC AND AQUATIC HE	RBS													
Alisma plantago-aquatica	Water Plantain					0	•	•	•			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					0	•	•	•	•	•	Reliable and robust	•	
Eleocharis sphacelata	Tall Spike-sedge					L	•	•	•	•	•	Reliable and robust	•	
Myriophyllum crispatum	Upright Water-milfoil					L	٠	٠				Can establish if appropriate niche is located		
Persicaria decipens	Slender Knotweed					с	•	٠	٠	•	•	Reliable and robust	•	
Persicaria praetermissa	Spotted Knotweed					L	•	٠				Can establish if appropriate niche is located		
Persicaria subsessilis	Hairy Knotweed					0	•	•	•			Can establish if appropriate niche is located		
Phragmites australis	Common Reed					D	٠	•	٠	•	•	Reliable and robust	•	
Schoenoplectus tabernaemontani	River Club-sedge					D	•	•	•	•	•	Reliable and robust	•	

Key

Planting Zone	Dom	ninance	Ve	egetation Q	Quality
 Bed Lower Bank Upper Bank Verge 	о о с о	imited Occasional Common Oominant	fiv 1 2 3 4		is show the species expected to be present in areas of vegetation at quality levels. Highly degraded with limited social and amenity values Highly modified, fragmented and meets social and amenity requirements Fragmented remnants Relatively intact, structural vegetation elements present with high connectivity 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

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



Melbourne Water



23HSF

Botanical name	Common name	P	lantir	ig zon	e	Dominance	V	/eget	ation	Qual	ty	Comments	Most suitable for	EVC Benchmai
		1	2	3	4		5	4	3	2	1		replanting	
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					0	•	•	•			Reliable and robust but restricted distribution		
Eucalyptus radiata s.l.	Narrow leaf Peppermint					с	٠	٠	•	٠		Reliable and robust	•	٠
Eucalyptus cypellocarpa	Mountain Grey-gum					0	•	•	•	٠		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	•	•	•	٠		Reliable and robust but restricted distribution	•	
Eucalyptus goniocalyx	Long-leaf Box					D	•	•	•	•		Reliable and robust but restricted distribution	•	
Eucalyptus macrorhyncha	Red Stringybark					D	•	•	•	٠		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					0	•	•	•	•	•	No often planted but can be a reliable and robust performer in replanting given good site management	•	
Acacia verticillata	Prickly Moses					0	٠	٠	•	٠	٠	Reliable and robust performer in replanting	•	
Acrotriche prostrata	Trailing Ground-berry					с	٠	•	•			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					с	•	•				Propogation very limited can be difficult to establish		•
Bursaria spinosa	Sweet Bursaria					0	٠	•	•	٠	•	Reliable and robust performer in replanting	•	
Cassinia aculeata	Common Cassinia					D	•	٠	•	٠	•	Reliable and robust performer in replanting	•	•
Clematis aristata	Mountain Clematis					с	•	•	•			Common coloniser particular after disturbance		•
Coprosma quadrifida	Prickly Currant-bush					с	•	•	•	٠	•	Reliable and robust	•	•
Epacris impressa	Common Heath					с	•	•	•			Difficult to source but can be a prolific coloniser after natural disturbance.		•
Exocarpos cupressiformis	Cherry Ballart					0	•	•	•			Not often planted		
Glycine clandestina	Twining Glycine					0	•	•				Not often planted		
Goodenia ovata	Hop Goodenia					0	•	•	•	•	•	Reliable and robust performer in replanting	•	
Hardenbergia violacea	Purple Coral-pea					с	•	•	•			Not often planted		
Kunzea ericoides	Burgan					0	•	•	•			Reliable and robust performer in replanting		
Leptospermum continentale	Prickly Tea-tree					с	•	•	•	•		Common coloniser particular after disturbance can exclude other species in the short term	•	
Olearia lirata	Snow Daisy-bush					0	٠	•	•	•		Reliable and robust performer in replanting	•	
Olearia phlogopappa	Dusty Daisy-bush					с	•	•				Not often planted but important structural component		•
Ozothamnus ferrugineus	Tree Everlasting					0	٠	•	•	٠		Reliable and robust performer in replanting	•	

Key

Planting Zone

2 Lower Bank

3 📕 Upper Bank 4 Verge

1 Bed

L Limited

O Occasional

C Common

D Dominant

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

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

23HSF

Production Production <th>Botanical name</th> <th>Common name</th> <th>F</th> <th>Plantii</th> <th>ng zor</th> <th>ie</th> <th>Dominance</th> <th>١</th> <th>/egeta</th> <th>ation</th> <th>Qualit</th> <th>ty</th> <th>Comments</th> <th>Most suitable for</th> <th>EVC Benchma</th>	Botanical name	Common name	F	Plantii	ng zor	ie	Dominance	١	/egeta	ation	Qualit	ty	Comments	Most suitable for	EVC Benchma
Accord for explander Bigge-widge Image Image <th< th=""><th></th><th></th><th>1</th><th>2</th><th>3</th><th>4</th><th></th><th>5</th><th>4</th><th>3</th><th>2</th><th>1</th><th></th><th>replanting</th><th></th></th<>			1	2	3	4		5	4	3	2	1		replanting	
indication Table Second-server I	SMALL SHRUBS, GRASSES, SEDGI	ES DICOT HERBS and FERNS													
Addrextm anthicipizion Common Maldenhair Image: Sector Secto	Acaena novae-zelandiae	Bidgee-widgee			-		0	•	•	•	•	•		•	
Darking interpretation Narow-kaf fitte-pea Image: Sector Sec	Acrotriche prostrata	Trailing Ground-berry					0	•	٠	٠			Not available in significant numbers.		
Dama function Back-anther Flac-IIIV C <thc< th=""> C <thc< th=""></thc<></thc<>	Adiantum aethiopicum	Common Maidenhair					0	٠	•				Not available in significant numbers.		
and and a local of a b a b a b a b a b a b a b a b a b a	Daviesia leptophylla	Narrow-leaf Bitter-pea			-		0	•	•						
bichordia reports Kidney weed Image: Sector Se	Dianella revoluta	Black-anther Flax-lily			-		0	•	•	•	•			•	
Control Contro Control Control	Dianella tasmanica	Tasman Flax-lily					с	•	٠	٠	٠	٠	Reliable with good site preparation	•	٠
Common Hodgehog gams Common Rasport Common Rasport <thcommon rasport<="" th=""> Common Rasport <thc< td=""><td>Dichondra repens</td><td>Kidney-weed</td><td></td><td></td><td></td><td></td><td>D</td><td>•</td><td>•</td><td>•</td><td></td><td></td><td></td><td></td><td>•</td></thc<></thcommon>	Dichondra repens	Kidney-weed					D	•	•	•					•
Cahna adula Thatch Saw-sedge Image: Saw-sedge: Saw-sedge: Saw-sedge Image: Saw-sed	Dillwynia cinerascens	Grey Parrot-pea					0	•	•						
Carlina sieberana Red-fruit Saw-selge Image: Sam Self Sam S	Echinopogon ovatus	Common Hedgehog-grass					L	•	•	•			Easy to propagate but limited availability.		
Calum propinguum Moori Bedstraw Image: Common Respond	Gahnia radula	Thatch Saw-sedge					D	•	•	•			Not propogated		•
Concarues Common Raspwort D D Not available in significant numbers limited propagation Helekhysum scopioldes Button Everlasting D O O Not available in significant numbers limited propagation Hovea heterophylla Common Hovea D O O O Not available in significant numbers limited propagation Hydrocotyle laviliora Stinking Pennywort D O O O Not available in significant numbers limited propagation Hydrocotyle laviliora Stinking Pennywort D O O O Not available in significant numbers limited propagation Hydrocotyle laviliora Stinking Pennywort D O O Not available in significant numbers limited propagation Lepidoperma laterale var. laterale Variable Svord-sedge D O O Peviously not available in significant numbers limited propagation Lomandra filformi ssp. coriace Wattle Mai-rush D O Peviously not available in significant numbers limited propagation Lomandra filformi ssp. coriace Wattle Mai-rush D O Peviously not available in significant numbers limited propagation Lomandra filformis ssp. coriace Wattle Mai-rush <td>Gahnia sieberiana</td> <td>Red-fruit Saw-sedge</td> <td></td> <td></td> <td></td> <td></td> <td>с</td> <td>٠</td> <td>•</td> <td>٠</td> <td>•</td> <td>٠</td> <td>Reliable and robust with good site preparation</td> <td>•</td> <td>•</td>	Gahnia sieberiana	Red-fruit Saw-sedge					с	٠	•	٠	•	٠	Reliable and robust with good site preparation	•	•
Heldchysum scopiolides Button Evelasting Image: Second Se	Galium propinquum	Maori Bedstraw					L	•	•				Easy to propagate but limited availability.		•
Horea heteraphylla Common Hovea I <td>Gonocarpus tetragynus</td> <td>Common Raspwort</td> <td></td> <td></td> <td></td> <td></td> <td>D</td> <td>٠</td> <td>•</td> <td>٠</td> <td></td> <td></td> <td>Not available in significant numbers limited propogation</td> <td></td> <td>•</td>	Gonocarpus tetragynus	Common Raspwort					D	٠	•	٠			Not available in significant numbers limited propogation		•
hydrocohle laxifican Stinking Pennywort Image: Stinking P	Helichrysum scorpioides	Button Everlasting					0	٠	•	٠			Needs substantial maintenance in replanting sites		
hypericum gramineum Small St John's Wort Image: Street p Wallaby-grass Image: Street p Wallaby-gr	Hovea heterophylla	Common Hovea					0	٠	•	٠			Not available in significant numbers limited propogation		
ioycece pallida Silvertop Wallaby-grass I I I I Not available in significant numbers limited propogation lepidosperma laterale var. laterale Variable Sword-sedge I <td< td=""><td>Hydrocotyle laxiflora</td><td>Stinking Pennywort</td><td></td><td></td><td></td><td></td><td>0</td><td>٠</td><td>٠</td><td>٠</td><td></td><td></td><td>Not available in significant numbers limited propogation</td><td></td><td></td></td<>	Hydrocotyle laxiflora	Stinking Pennywort					0	٠	٠	٠			Not available in significant numbers limited propogation		
Lepidosperma laterale var. laterale Variable Sword-sedge Image: Sword-sedge	Hypericum gramineum	Small St John's Wort					с	•	•	٠			Not available in significant numbers limited propogation		
International of the second	loycea pallida	Silvertop Wallaby-grass					L	٠	•				Not available in significant numbers limited propogation		
Lormandra longifolia spi. longifolia Spiny-headed Mat-ush Image: Spiny-headed Mat-ush	Lepidosperma laterale var. laterale	Variable Sword-sedge					0	•	•	•	•			•	
Difficult of a straight of	Lomandra filiformis ssp. coriacea	Wattle Mat-rush					D	٠	٠	٠			Not available in significant numbers limited propogation		•
Microlaena stipoides var. stipoides Weeping Grass Image: Common Rice-flower Image: C	Lomandra longifolia ssp. longifolia	Spiny-headed Mat-rush					D	٠	•	٠	•	٠	Reliable and robust	•	•
Pinnelea humilis Common Rice-flower Image: state of the state	uzula meridionalis var. flaccida	Common Woodrush					0	•	•	٠			Rarely propagated.		
Poa ensiformis Sword Tussock-grass Image: Common T	Microlaena stipoides var. stipoides	Weeping Grass					D	٠	٠	٠	٠	٠	Needs substantial maintenance in replanting sites	•	•
Poa labillardierei Common Tussock-grass I I O I I Reliable with good site preparation however needs substantial maintenance in replanting sites I <td>Pimelea humilis</td> <td>Common Rice-flower</td> <td></td> <td></td> <td></td> <td></td> <td>0</td> <td>٠</td> <td>٠</td> <td>٠</td> <td></td> <td></td> <td>Not available in significant numbers limited propogation</td> <td></td> <td></td>	Pimelea humilis	Common Rice-flower					0	٠	٠	٠			Not available in significant numbers limited propogation		
Pteridium esculentum Austral Bracken Image: Construction of the constructing construc	Poa ensiformis	Sword Tussock-grass					L	•	•	•					
Image: Selection of the se	Poa labillardierei	Common Tussock-grass					0	•	•	•					
Senecio minimus Shrubby Fireweed Image: Construction of the senecio minimus Shrubby Fireweed Image: Construction of the senecio minimus Not available in significant numbers, common recoloniser after fire. Not available in significant numbers, common recoloniser after fire. Senecio quadridentatus Cotton Fireweed Image: Construction of the senecio minimus Image: Construction of the senecio minimus Not available in significant numbers, common recoloniser after fire. Not available in significant numbers, common recoloniser after fire. Senecio minimus Senecio minimus Image: Construction of the senecio minimus Not available in significant numbers, common recoloniser after fire. Image: Construction of the senecio minimus Not available in significant numbers, common recoloniser after fire. Image: Construction of the senecio minimus Image: Conset the senecio minimus Image: Constructio	Pteridium esculentum	Austral Bracken					D	•	•	•			important and significant species that should be further utilised in the future if propagation can be efficiently		•
And	Pultenaea gunnii	Golden Bush-pea					0	•	•						
Stylidium graminifolium s.l. Grass Trigger-plant Image: Comparing the second seco	Senecio minimus	Shrubby Fireweed					L	•	•	•					
Tetrarrhena juncea Forest Wire-grass Image: Construction of the second sec	Senecio quadridentatus	Cotton Fireweed					L	•	•	•					
	Stylidium graminifolium s.l.	Grass Trigger-plant					0	•	•	•	•		Not available in significant numbers limited propogation	•	•
	Tetrarrhena juncea	Forest Wire-grass					0	•	•	•				:	

Key

Planting Zone	Dominance	Vegetation Quality
 Bed Lower Bank Upper Bank Verge 	U Occasional	These columns show t five different quality le 1 Very low Highly 2 Low Highly 3 Medium Fragme 4 High Pelativ

lumns show the species expected to be present in areas of vegetation at rent quality levels.

Very low
 Highly degraded with limited social and amenity values
 Low
 Highly modified, fragmented and meets social and amenity requirements
 Medium
 Fragmented remnants
 High
 Relatively intact, structural vegetation elements present with high connectivity
 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 Plants used 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

72	
L J	ЪD

Botanical name	Common name	P	Planting zone Dominance		Dominance	٧	egeta	ation	Qualit	у	Comments	Most suitable for	EVC Benchmark	
		1	2	3	4		5	4	3	2	1		replanting	
Themeda triandra	Kangaroo Grass					0	٠	٠	•	٠	٠	Needs substantial maintenance in replanting sites	•	
Veronica calycina	Hairy Speedwell					с	•	•				Not available in significant numbers limited propogation		•
Viola hederacea sensu Willis (1972)	Ivy-leaf Violet				-	D	•	•	٠			Easily propagated, can be difficult to establish due to diminutive size.		•
Wahlenbergia gracilis s.l.	Sprawling Bluebell					L	•	•	٠			Not available in significant numbers limited propogation		
Wahlenbergia stricta	Tall Bluebell					L	•	•	٠			Not available in significant numbers limited propogation		

F

Key

Planting Zone	Dominance	Vegetation Quality	Most suit
 Bed Lower Bank Upper Bank Verge 	L LimitedO OccasionalC CommonD Dominant	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	Plants list cultivated skills, relia rate of 95 assumes t plant star is underta

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

29HSF



VEGETATION SPECIES

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.



Zone



healthy waterways

29HSF

Botanical name	Common name	F	Plantii	ng zor	ne	Dominance	١	/egeta	ation (Qualit	y	Comments	Most suitable for	EVC Benchma
		1	2	3	4		5	4	3	2	1		replanting	
TREES														
Eucalyptus cypellocarpa	Mountain Grey-gum Mountain Grey Gum		•		•	D	•	•	•	٠	•	Reliable and robust.	•	•
Eucalyptus obliqua	Messmate Stringybark Messmate					D	•	•	•	•	•	Reliable and robust.	•	•
Eucalyptus baxteri	Brown Stringybark					0	•					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					с	•	•	•	•	•	Reliable and robust.	•	
SMALL TREES/LARGE - MEDIUM	SHRUBS & VINES													
Acacia dealbata	Silver Wattle					D	Y	Y	Υ	Y	Y	Reliable and robust.	•	•
Acacia melanoxylon	Blackwood					D	Y	Y	Y	Y	Y	Reliable and robust.	•	
Acacia mucronata	Narrow-leaf Wattle					с	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					с	Y	Y	Y			Can establish if appropriate niche is located		
Acacia verticillata	Prickly Moses					с	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					с	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	Υ	Y	Y	Reliable and robust.	•	•
Exocarpos cupressiformis	Cherry Ballart			-		0	Y	Y	Y			Can not be propagated in quantities suitable for large scale replanting		
Goodenia ovata	Hop Goodenia					D	Y	Υ	Υ	Y	Y	Reliable and robust.	•	•
Hedycarya angustifolia	Austral Mulberry					с	Y	Υ	Υ	Y	Y	Can establish if appropriate niche is located	•	
Kunzea ericoides	Burgan					с	Y	Y	Υ	Y	Y	Reliable and robust.	•	
Leptospermum continentale	Prickly Tea-tree					с	Y	Υ	Y			Reliable and robust.		
Leptospermum grandifolium	Mountain Tea-tree					L	Y	Υ				Can establish if appropriate niche is located		
Olearia argophylla	Musk Daisy-bush					с	Y	Y	Y			Can establish if appropriate niche is located		
Ozothamnus ferrugineus	Tree Everlasting					с	Y	Y	Y	Y	Y	Reliable and robust.	•	
Pandorea pandorana	Wonga Vine					с	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					0	Y	Y	Y			Can not be propagated in quantities suitable for large scale replanting		
Platylobium formosum	Handsome Flat-pea					с	Y	Y	Y			Often not planted but a reliable coloniser post-disturbance. Can establish if appropriate niche is located		•
Polyscias sambucifolia	Elderberry Panax					0	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					с	Y	Y	Y	Y	Y	Easy to propagate but limited availability	•	

Key

Planting Zone

2 Lower Bank

3 📕 Upper Bank 4 Verge

1 Bed

L Limited

O Occasional

C Common

D Dominant

Dominance	Vegetation Quality
-----------	--------------------

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

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

29HSF

Botanical name	Common name	Р	lantir	ng zon	e	Dominance	٧	/egeta	ation	Quali	ty	Comments	Most suitable for	EVC Benchma
		1	2	3	4		5	4	3	2	1		replanting	
GRASSES, SEDGES DICOT HERBS	and FERNS													
Acaena novae-zelandiae	Bidgee-widgee		-			с	٠	•	٠	٠	٠	Easily propagated, can be difficult to establish due to diminutive size.	•	
Acrotriche prostrata	Trailing Ground-berry					0	•					Not available in significant numbers limited propogation		٠
Acrotriche serrulata	Honey-pots					L	٠					Not available in significant numbers limited propogation		
Billardiera scandens	Common Apple-berry					с	•	٠				Not available in significant numbers limited propogation		٠
Blechnum cartilagineum	Gristle Fern					0	٠					Not available in significant numbers limited propogation		
Blechnum nudum	Fishbone Water-fern					с	•	٠				Not available in significant numbers limited propogation		
Blechnum wattsii	Hard Water-fern					с	•	٠				Not available in significant numbers limited propogation		٠
Calochlaena dubia	Common Ground-fern					с	•	•				Not available in significant numbers limited propogation		٠
Carex appressa	Tall Sedge					с	•	•	•	٠	٠	Reliable and robust.	•	•
Clematis aristata	Mountain Clematis					D	•	٠	٠			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					с	•	٠	•	٠	٠	Reliable but requires moist cool conditions.	•	
Dichondra repens	Kidney-weed		-			с	•	•	•			Easily propagated, but not often planted, can be difficult to establish due to diminutive size.		•
Dicksonia antarctica	Soft Tree-fern					С	•	•				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					С	•	•				Can be propagated, but not often planted, can be difficult to establish due to diminutive size.		
Gonocarpus humilis	Shade Raspwort					с	•	•				Can be propagated, but not often planted, can be difficult to establish due to diminutive size.		•
Gonocarpus tetragynus	Common Raspwort					0	•	•				Can be propagated, but not often planted, can be difficult to establish due to diminutive size.		
Gonocarpus teucrioides s.l.	Germander Raspwort		-			0	•	•				Can be propagated, but not often planted, can be difficult to establish due to diminutive size.		
lydrocotyle hirta	Hairy Pennywort		-			0	•	•				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					с	•	•				Not available in significant numbers limited propogation		•
epidosperma elatius	Tall Sword-sedge					с	•	•	•	•	•	Previously not available, recent advances in propagation may see an increase in availability	•	
epidosperma laterale var. majus	Variable Sword-sedge					0	•	•				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		
omandra longifolia	Spiny-headed Mat-rush					0	•	•	•	•	•	Reliable and robust.	•	
Microlaena stipoides var. stipoides	Weeping Grass					с	•	•	•			Needs substantial maintenance in replanting sites.		•
Dlearia lirata	Snow Daisy-bush					D	•	•	•	•	•	Reliable and robust.	•	
Oxalis exilis	Shady Wood-sorrel					0	•	•				Not propogated		•
Poa labillardierei	Common Tussock-grass					с	•	•	•	٠	•	Reliable and robust in more open areas.	•	•
Poa tenera	Slender Tussock-grass					0	•	٠				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					0	٠	٠	٠			Not available in significant numbers limited propogation.		

Key

Planting Zone

2 Lower Bank

1 Bed

4 Verge

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

C Common 3 📕 Upper Bank D Dominant

L Limited

O Occasional

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

29HSF

Botanical name	Common name	F	Planting zone Dom		Dominance Vegetation Quality Cor			Qualit	y	Comments	Most suitable for	EVC Benchmark		
		1	2	3	4		5	4	3	2	1		replanting	
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					0	•	•	•			Not available in significant numbers, common recoloniser after fire and disturnbance.		
Tetrarrhena juncea	Forest Wire-grass					с	•	•	•			Not available in significant numbers limited propogation but important structural component	:	•

Key

Planting Zone	Dominance	Vegetation Quality	Most suitable for replanting	ł
3 Upper Bank	L LimitedO OccasionalC CommonD Dominant	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	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.	E S I I V

EVC Benchmark

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.





healthy waterways

30HSF

Botanical name	Common name	I	Planti	ng zor	ne	Dominance	١	/egeta	ation (Qualit	ţy	Comments	Most suitable for	
		1	2	3	4		5	4	3	2	1		replanting	
TREES														
Acacia dealbata ssp. dealbata	Silver Wattle		•	•		D	•	•	•			Usually able to regenerate and often planted in limited numbers	•	•
Acacia melanoxylon	Blackwood					с	•	•	٠	٠		Reliable and robust	•	
Eucalyptus cypellocarpa	Mountain Grey-Gum					L	٠	•	٠	٠	٠	Reliable and robust	•	
Eucalyptus obliqua	Messmate					0	٠	•	٠	٠	٠	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	٠	•	٠	٠	٠	Reliable and robust	•	
SMALL TREES/LARGE - MEDIUM S	SHRUBS & VINES													
Bedfordia arborescens	Blanket-leaf					с	•	•	•	•	•	Reliable but requires moist cool conditions	•	
Billardiera longiflora var. longiflora	Purple Apple-berry					L	٠	•				Limited availability		•
Billardiera scandens	Common Apple-berry					L	•	•				Limited availability		
Cassinia aculeata	Common Cassinia					0	•	•	•			Reliable and robust		
Cassinia longifolia	Shiny Cassinia					0	•	•	•	٠	•	Reliable and robust	•	
Clematis aristata	Mountain Clematis					с	•	•	٠			Limited availability		•
Comesperma volubile	Love Creeper					L	•	•				Limited availability		
Goodenia ovata	Hop Goodenia					0	٠	•	•	٠	٠	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					с	•	٠	•			Reliable and robust but not as easily propagated as many other species	•	•
Ozothamnus ferrugineus	Tree Everlasting					0	٠	•	٠	٠	٠	Reliable and robust	•	
Pandorea pandorana	Wonga Vine					0	•	•				Not available in high numbers		
Parsonsia brownii	Twining Silkpod					0	٠	•				Rarely propagated		
Pimelea axiflora ssp. axiflora	Bootlace Bush					0	•	•				Propagation very difficult but responds to disturbance and regenerates en mass		
Pittosporum bicolor	Banyalla					0	•	•				Propagation very difficult and rarely planted		
Polyscias sambucifolia subsp. 1	Broad-leaf Panax					с	•	•	•			Not available in high numbers, common recoloniser after fire		•
Pomaderris aspera	Hazel Pomaderris					D	٠	•	٠	٠	٠	Reliable and robust	•	•
Zieria arborescens	Stinkwood					L	•	•				Propagation limited can be difficult to establish		
Correa lawrenceana	Mountain Correa					о	٠	٠	٠	٠		Propagation limited can be difficult to establish	•	•
Olearia lirata	Snowy Daisy-bush					ο	٠	•	٠	•	•	Reliable and robust	•	
SMALL SHRUBS, GRASSES, SEDGE	ES DICOT HERBS and FERNS													
Acaena novae-zelandiae	Bidgee-widgee					с	•	•	•	•	•	Reliable and robust	•	
Asplenium bulbiferum ssp. gracillimum	Mother Spleenwort					L	•	•				Uncommon fern found in high quality sites		
Australina pusilla ssp. muelleri	Shade Nettle					0	•	•				Usually not planted		•
Austrocynoglossum latifolium	Forest Hound's-tongue					0	•	•	•			Usually not planted but often an important component of groundflora and competitive after disturbance		

Key

Planting Zone Domi		ominance	Ve	Vegetation Quality	
1 🗾 Bed	L	Limited	five different of 1 Very low 2 Low 3 Medium	is show the species expected to be present in areas of vegetation at	
2 Lower Bank 3 Upper Bank	с	Occasional Common		, Highly degraded with limited social and amenity values Highly modified, fragmented and meets social and amenity requirer Fragmented remnants	
4 Verge		Dominant			
				High	Relatively intact, structural vegetation elements present with high co

mited social and amenity values ented and meets social and amenity requirements

Figure 10 registrates and the second s

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
30HSF

Botanical name	Common name	P	lantin	ig zon	e	Dominance	١	/egeta	ation (Qualit	у	Comments	Most suitable for	EVC Benchmar
		1	2	3	4		5	4	3	2	1		replanting	
Blechnum cartilagineum	Gristle Fern					L	٠	•				Usually on Damp Forest fringe		
<i>Blechnum fluviatile</i>	Ray Waterfern					L	•					Restricted to moist environments and riparian edge an uncommon fern found in high quality sites		
Blechnum wattsii	Hard Water-fern					с	٠					Generally not propagated.		•
Calochlaena dubia	Common Ground-fern					L	•					Generally not propagated.		
Carex appressa	Tall Sedge					с	٠	٠	٠	٠	٠	Reliable and robust	•	
Coprosma quadrifida	Prickly Currant-bush					D	٠	•	٠	٠	٠	Reliable and robust	•	٠
Correa lawrenceana	Mountain Correa					0	٠	٠				Propagation very limited can be difficult to establish		
Cyathea australis	Rough Tree-fern		-	-		с	•	•				Not suited to large scale reveg as plants are sourced from natural environments not readily propagated and expensive to purchase		٠
Cyperus lucidus	Leafy Flat-sedge					L	٠	٠				Easy to propagate but limited availability.		
Dianella tasmanica	Tasman Flax-lily					0	•	•	•	٠	٠	Reliable and robust	•	
Dichondra repens	Kidney-weed					L	•	•	•	•	•	Easily propagated can be difficult to establish due to diminutive size	•	
Dicksonia antarctica	Soft Tree-fern					с	•	•				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	•	•	•	•	٠	Reliable and robust	•	
Geranium potentilloides	Cinquefoil Cranesbill					0	٠					Easy to propagate but limited availability.		
Gonocarpus teucrioides s.l.	Germander Raspwort					0	٠	٠				Easy to propagate but limited availability.		
Hydrocotyle hirta	Hairy Pennywort					0	٠	٠				Generally not propagated.		
Juncus pallidus	Pale Rush					0	٠	٠	٠			Reliable and robust		
Lepidosperma elatius var. elatius	Tall Sword-sedge					с	•	٠				Can not be propagated in useable quantities		•
Lomandra longifolia	Spiny-headed Mat-rush					0	٠	٠	٠	٠	٠	Reliable and robust	•	
Mentha laxiflora	Forest Mint					0	٠	•				Generally not propagated.		
Microlaena stipoides var. stipoides	Weeping Grass					с	٠	٠	٠	•	٠	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					с	•	•	•	•	•	Reliable and robust in more open areas	•	
Polystichum proliferum	Mother Shield-fern					с	•	•	•			Easy to propagate but limited availability		٠
Pteridium esculentum	Common Bracken					с	•	٠				Can not be propagated in useable quantities		•
Sambucus gaudichaudiana	White Elderberry					0	•	•				Generally not propagated.		•
Senecio glomeratus	Annual Fireweed					0	٠	٠				Post fire coloniser		
Senecio linearifolius sens. lat.	Fireweed Groundsel					0	٠	٠				Post fire coloniser		
Senecio velleioides	Forest Groundsel					0	•	٠				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					с	•	•	•			Often not planted but reliable dominant post disturbance		•
Urtica incisa	Scrub Nettle					0	•	٠				Usually not planted		
<i>Viola hederacea</i> sensu Willis (1972)	Ivy-leaf Violet					0	•	•	•	•	•	Easily propagated, can be difficult to establish due to diminutive size.	•	•

Key

Planting Zone	Dominance	Vegetation Quality
 Bed Lower Bank Upper Bank Verge 	L LimitedO OccasionalC CommonD Dominant	These columns show i five different quality le 1 Very low 2 Low 3 Medium 4 High 4 High

now the species expected to be present in areas of vegetation at lity levels.

Very low Highly degraded with limited social and amenity values
 Low Highly modified, fragmented and meets social and amenity requirements
 Medium Fragmented remnants
 High Relatively intact, structural vegetation elements present with high connectivity
 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 Plants usted 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

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





healthy waterways

16GIP

Botanical name	Common name		Plantii	ng zon	e	Dominance	١	/egeta	ation (Qualit	у	Comments	Most suitable for	EVC Benchma
		1	2	3	4		5	4	3	2	1		replanting	
TREES														
Acacia melanoxylon	Blackwood					с	٠		٠	٠	٠	Reliable and robust	•	٠
Acacia mearnsii	Black Wattle					с	٠	•	•	٠	٠	Reliable and robust	•	
Eucalyptus obliqua	Messmate Stringybark					D	٠	٠	٠	٠	٠	Reliable and robust	•	٠
Eucalyptus radiata s.l.	Narrow-leaf Peppermint					с	٠	٠	٠	٠	٠	Reliable and robust	•	٠
Eucalyptus cephalocarpa	Silver-leaf Stringybark					с	•	•	٠	٠		Reliable and robust - check local occurrence	•	
Eucalyptus ovata	Swamp Gum					0	٠	•	٠	٠	٠	Reliable and robust	•	
Eucalyptus viminalis	Manna Gum					0	٠	•	٠	٠	٠	Reliable and robust	•	
Eucalyptus cypellocarpa	Mountain Grey-gum					0	٠	٠	٠			Reliable and robust - check local occurrence		
SMALL TREES/LARGE - MEDIUM S	HRUBS & VINES													
Acacia genistifolia	Spreading Wattle					0		•	•	•		Reliable and robust	•	
Acacia mucronata ssp. longifolia	Narrow-leaf Wattle					с	•	•	•	•	•	Reliable and robust	•	
Acacia myrtifolia	Myrtle Wattle					0	•	•	•	•		Reliable and robust	•	
Acacia stricta	Hop Wattle					с	•	•	•	•	•	Reliable and robust	•	
Acacia verticillata	Prickly Moses					с	•	•	•	•	•	Reliable and robust	•	
Allocasuarina littoralis	Black Sheoak					0	•	•	•	•	•	Reliable and robust	•	
Allocasuarina paludosa	Scrub Sheoak					0		•	•	•		Reliable and robust	•	
Banksia marginata	Silver Banksia					0	•	•	•	•		Reliable and robust	•	•
Banksia spinulosa var. cunninghamii	Hairpin Banksia					L	•	•	•			Reliable and robust - available in limited numbers		
Billardiera scandens	Common Apple-berry			•		0	•	•	•			Reliable with good site preparation and follow up weed control.		•
Bossiaea prostrata	Creeping Bossiaea					0	٠	•				Reliable with good site preparation		
Bursaria spinosa subsp. spinosa	Sweet Bursaria					с	٠	٠	٠	٠		Reliable and robust	•	
Cassinia aculeata	Common Cassinia					0	•	•	•	٠	٠	Reliable and robust	•	
Cassinia longifolia	Shiny Cassinia					с		٠	٠	٠		Reliable and robust	•	
Clematis aristata	Mountain Clematis					0	٠	٠	٠			Reliable with good site preparation		
Coprosma hirtella	Rough Coprosma					0	•	•	٠	٠		Available in limited numbers	•	
Dillwynia sericea	Showy Parrot-pea					0	٠	•	٠			Available in limited numbers		
Epacris impressa	Common Heath					с	٠	٠	٠			Usually not planted		•
Exocarpos cupressiformis	Cherry Ballart					0	٠	•				Parasitic on roots of other plants - not available		
Goodenia ovata	Hop Goodenia					0	•	•	•	٠		Reliable and robust	•	
Goodia lotifolia	Golden Tip					L	٠	•				Available in limited numbers		
Hakea nodosa	Yellow Hakea					0	٠	•	٠	•		Available in limited numbers	•	
Hakea ulicina	Furze Hakea					L	٠	•	٠			Available in limited numbers		
Hibbertia riparia	Erect Guinea-flower					0	٠	•	٠			Available in limited numbers		
ndigofera australis	Austral Indigo					0	٠	•	٠			Reliable with good site preparation		
Kunzea ericoides	Burgan					0	٠	•	٠	٠	٠	Reliable and robust	•	
Leptospermum continentale	Prickly Tea-tree					с	٠	•	٠	٠	٠	Reliable and robust	•	•
eptospermum myrsinoides	Heath Tea-tree					с	٠	•	٠	٠	٠	Reliable and robust	•	•
omatia ilicifolia	Holly Lomatia					0	٠	•	٠			Available in limited numbers		
Melaleuca ericifolia	Swamp Paperbark					с	٠	٠	٠	٠	٠	Reliable and robust	•	

Vegetation Quality

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

O Occasional C Common 3 📕 Upper Bank 4 Verge D Dominant

Dominance

L Limited

Key

Planting Zone

2 Lower Bank

1 Bed

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

Most suitable for replanting

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EVC Benchmark

16GIP

Botanical name	Common name	F	lantii	ng zon	ie	Dominance	١	/ege	tatior	n Qua	lity	Comments		EVC Benchmark
		1	2	3	4		5	4	3	2		1	replanting	
Olearia lirata	Snowy Daisy-bush					с	•	•	•	•		Reliable and robust	•	
Olearia ramulosa	Twiggy Daisy-bush					0	•	•	•			Reliable and robust		
Ozothamnus ferrugineus	Tree Everlasting					0	•	•	•	•		Reliable and robust	•	
Pandorea pandorana	Wonga Vine					0	•	•	•			Reliable with good site preparation		
Pimelea linifolia subsp. linifolia	Slender Rice-flower					0	•	•				Generally not available		
Platylobium formosum	Handsome Flat-pea					0	•	•				Available in limited numbers		
Platylobium obtusangulum	Common Flat-pea					с	٠	•	•			Available in limited numbers		
Pultenaea gunnii	Golden Bush-pea					0	•	•	•			Available in limited numbers		
Pultenaea hispidula	Rusty Bush-pea					с	٠	•				Available in limited numbers		
Viminaria juncea	Golden Spray					0	٠	•	•	•		Reliable and robust	•	
GRASSES, SEDGES DICOT HERBS	and FERNS													
Acrotriche prostrata	Trailing Ground-berry					о	٠					Not usually planted		
Acrotriche serrulata	Honey-pots					0	•	•				Not usually planted		•
Amperea xiphoclada var. xiphoclada	Broom Spurge		•			с	•	•	•	•		Reliable but usually not propagated - increase use if in occurs local area	•	•
Arthropodium strictum s.l.	Chocolate Lily					с		•	•			Maintain remnants by controlling grassy weeds		
Astroloma humifusum	Cranberry Heath					0	•	••				Not usually planted		
Austrodanthonia racemosa var. racemosa	Stiped Wallaby-grass					с	•	•	•			Maintain remnants by controlling grassy weeds		
Austrostipa densiflora	Dense Spear-grass					0	•	•	•			Reliable and robust - limited availability		
Bauera rubioides	Wiry Bauera					0	٠	•	•			Not usually planted		
Carex appressa	Tall Sedge					с	٠	•	•			Reliable and robust	•	
Chrysocephalum semipapposum	Clustered Everlasting					0	٠	•	•			Reliable with good site preparation		
Comesperma volubile	Love Creeper					0	•	•				Not usually planted		
Dampiera stricta	Blue Dampiera					0	٠	•				Not usually planted		
Dianella admixta	Black-anther Flax-lily					с	•	•	•			Reliable with good site preparation	•	
Dichondra repens	Kidney-weed					с	•	•	•			Reliable with good site preparation		
Drosera peltata ssp. auriculata	Tall Sundew					0	٠	•				Not usually planted		•
Echinopogon ovatus	Common Hedgehog-grass					с	٠	•	•			Maintain remnants by controlling grassy weeds		
Gahnia radula	Thatch Saw-sedge					с	٠	•	•			Cannot be propagated in useable quantities		٠
Gahnia sieberiana	Red-fruit Saw-sedge					0	٠	•	•			Reliable and robust		
Geranium solanderi s.l.	Austral Cranesbill					0	٠	•				Not usually planted		
Glycine clandestina	Twining Glycine					0	•	•				Not usually planted		
Gonocarpus tetragynus	Common Raspwort					с	•	•	•	•		Reliable with good site preparation	•	•
Goodenia lanata	Trailing Goodenia					0	•	•				Usually not planted		
Hardenbergia violacea	Purple Coral-pea					с	•	•	•			Reliable with good site preparation		
Helichrysum scorpioides	Button Everlasting					с	•	•	•			Usually not planted		
Hydrocotyle laxiflora	Stinking Pennywort					0	•	•				Usually not planted		
Hypericum gramineum	Small St John's Wort					0	•	•				Usually not planted		
Imperata cylindrica	Blady Grass					0	•	•				Reliable with good site preparation		
Joycea pallida	Silvertop Wallaby-grass					с	•	•	•	•		Maintain remnants by controlling grassy weeds	•	
Juncus amabilis	Rush					с	•	•	•	•		 Reliable and robust 	•	

Key

Planting Zone Dominance Vegetation Quality L Limited 1 Bed 2 Lower Bank **O** Occasional C Common 3 📕 Upper Bank 4 Verge D Dominant

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EVC Benchmark

16GIP

Botanical name	Common name	F	Plantii	ng zon	e	Dominance	ance Vegetation Quality Co					Comments		EVC Benchmark
		1	2	3	4		5	4	3	2	1		replanting	
Juncus sarophorus	Broom Rush					с	٠	٠	٠	٠	٠	Reliable and robust	•	
Kennedia prostrata	Running Postman					0	•	٠	٠			Reliable with good site preparation		
Lagenophora stipitata	Common Bottle-daisy					0	٠	•	٠			Usually not planted		
Lepidosperma laterale	Variable Sword-sedge					С	•	•	•	٠		Previously not available, recent advances in propagation may see an increase in availability	•	
Lepyrodia muelleri	Common Scale-rush					0	•	٠				Usually not planted		
Lindsaea linearis	Screw Fern					0	•	٠				Usually not planted		
Lomandra filiformis ssp. filiformis	Wattle Mat-rush					с	٠	٠	٠			Not generally available		•
Lomandra longifolia	Spiny-headed Mat-rush					с	•	٠	•	٠	٠	Reliable and robust	•	•
Microlaena stipoides var. stipoides	Weeping Grass					с	٠	٠	٠			Maintain remnants by controlling grassy weeds.		•
Opercularia varia	Variable Stinkweed					L	٠	٠				Usually not planted		•
Pimelea humilis	Common Rice-flower					0	٠	٠				Usually not planted	•	
Poa australis spp. agg.	Tussock Grass					0	•	٠	•			Reliable and robust if used in damp area		•
Poa labillardierei	Common Tussock-grass					с	٠	٠	•	٠		Reliable and robust if used in damp area		
Pteridium esculentum	Austral Bracken					D	•	٠	٠			Not available - may be present via natural regeneration		•
Pterostylis longifolia s.l.	Tall Greenhood					0	٠	٠				Not available		
Senecio quadridentatus	Cotton Fireweed					с	•	٠	٠	٠		Disturbance and post fire coloniser	•	
Spyridium parvifolium	Dusty Miller					с	٠	٠	٠	٠		Available in limited numbers	•	
Stackhousia monogyna	Creamy Stackhousia					0	•	٠				Usually not planted		
Stylidium graminifolium s.l.	Grass Triggerplant					0	٠	٠				Available in limited numbers		
Stypandra glauca	Nodding Blue-lily					0	•	٠				Usually not planted		
Tetrarrhena juncea	Forest Wire-grass					0	٠	٠	٠			Available in limited numbers		
Tetratheca ciliata	Pink-bells					0	•	٠				Usually not planted		
<i>Viola hederacea</i> sensu Willis (1972)	Ivy-leaf Violet					с	٠	٠	٠			Not usually planted		•
Wahlenbergia stricta subsp. stricta	Tall Bluebell					0	•	٠	•			Reliable with good site preparation		
Wurmbea dioica	Common Early Nancy					0	٠	٠				Not available		
Xanthorrhoea minor ssp. lutea	Small Grass-tree					С	•	•	•			Not available		•
SEMI AQUATIC AND AQUATIC HE	RBS													
Bolboschoenus medianus	River Club-sedge					0	•	•	•	٠	•	Reliable and robust - Dormant in Winter	•	
Carex fascicularis	Tassel Sedge					с	•	•	•	•	•	Reliable and robust	•	
Crassula helmsii	Swamp Crassula					с	•	•	٠			Reliable and robust		
Cyperus lucidus	Leafy Flat-sedge					0	•	٠	•	٠		Reliable and robust	•	
Eleocharis acuta	Common Spike-rush					с	٠	٠	•	٠	٠	Reliable and robust	•	
Isolepis inundata	Swamp Club-rush					с	•	•	•			Reliable and robust		
Juncus procerus	Tall Rush					0	٠	•	•	٠		Reliable and robust	•	
Lycopus australis	Australian Gipsywort					0	•	•	•			Reliable and robust		
Persicaria decipens	Slender Knotweed					с	•	•	٠	•		Reliable and robust	•	
Potamogeton ochreatus	Blunt Pond-weed					0	•	•	•			Reliable and robust		
Triglochin procerum sens. lat.	Upright Water-ribbons					0	•	•	•			Reliable and robust		

Key

Planting Zone

2 Lower Bank

3 📕 Upper Bank 4 Verge

1 Bed

L Limited

O Occasional

C Common

D Dominant

Dominance Vegetation Quality	ty
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EVC Benchmark

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



Zone



18GIP

Botanical name	Common name	F	Planti	ng zon	e	Dominance	١	/egeta	ation	Quali	ty	Comments	Most suitable for	EVC Benchmar
		1	2	3	4		5	4	3	2	1		replanting	
TREES														
Acacia dealbata ssp. dealbata	Silver Wattle				•	L	٠	•	•			Usually able to regenerate - avoid planting or use in limited numbers		•
Acacia melanoxylon	Blackwood					с	•	٠	٠	٠	•	Reliable and robust	•	•
Eucalyptus cypellocarpa	Mountain Grey Gum					L	•	٠	٠	٠	٠	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					0	•	٠	٠	٠	٠	Reliable and robust	•	•
Eucalyptus ovata var. ovata	Swamp Gum					0	•	•	٠	٠	•	Reliable and robust	•	•
Eucalyptus radiata ssp. radiata	Narrow-leaf Peppermint			•		0	•	•	٠	•	٠	Reliable and robust - useful where waterway has incised and the banks are now drier	•	•
Eucalyptus rubida	Candlebark					L	•	٠				Reliable and robust - check local occurrence		
Eucalyptus viminalis ssp. viminalis	Manna Gum					с	•	٠	٠	٠	٠	Reliable and robust	•	•
SMALL TREES/LARGE - MEDIUM	SHRUBS & VINES													
Acacia verticillata ssp. verticillata	Pricky Moses					0	٠	٠	٠	٠	•	Reliable and robust	•	٠
Bursaria spinosa ssp. Spinosa	Sweet Bursaria					с	•	•	•	•		Reliable and robust	•	
Callistemon sieberi	River Bottlebrush					L	•	٠	٠			Associated with rocky streambeds and streambanks		
Cassinia aculeata	Common Cassinia					0	٠	•	٠	٠		Reliable and robust	•	
Clematis aristata	Mountain Clematis					ο	•	٠	٠			Limited availability		•
Coprosma quadrifida	Prickly Currant-bush					0	•	٠	٠	٠		Reliable and robust	•	
Goodenia ovata	Hop Goodenia					с	•	٠	٠	٠	•	Reliable and robust	•	•
Gynatrix pulchella	Hemp Bush		-	-		0	•	•	•	•		Reliable and robust and a better performer in sheltered sites with available moisture	•	
Kunzea ericoides s.l.	Burgan					0	•	٠	٠	٠	•	Reliable and robust, can dominate sites	•	
Leptospermum continentale	Prickly Tea-tree					с	٠	٠	٠	٠	•	Reliable and robust	•	•
Leptospermum lanigerum	Woolly Tea-tree	•	-			с	•	•	•	•	•	Reliable and robust and a better performer in sheltered sites with available moisture	•	
Leptospermum scoparium	Manuka					с	٠	٠	٠			Reliable and robust		
Lomatia myricoides	River Lomatia					0	•	٠	٠			Limited availability		
Melaleuca ericifolia	Swamp paperbark					с	٠	٠	٠	٠	•	Reliable and robust	•	
Melicytas dentata	Tree Violet					0	•	٠	٠	٠		Reliable and robust	•	
Myrsine howittiana	Muttonwood					0	٠	•	٠	•		Reliable and robust	•	
Notelaea ligustrina	Privet Mock-olive					L	٠	•				Reliable and robust		
Olearia lirata	Snow Daisy-bush					с	•	•	•	•	•	Reliable and robust	•	
Ozothamnus ferrugineus	Tree Everlasting					с	•	٠	٠	•	•	Reliable and robust	•	•
Pandorea pandorana	Wonga Vine					0	•	•				Limited availability		
Pomaderris aspera	Hazel Pomaderris					с	٠	٠	٠	•		Reliable and robust	•	
Pomaderris racemosa	Cluster pomoderris					L	٠	٠				Limited availability		
Prostanthera lasianthos ssp. lasianthos	Victorian Christmas-bush					0	•	•	•	٠		Reliable and robust	•	

Key

Planting Zone

2 Lower Bank

3 📕 Upper Bank 4 Verge

1 Bed

L Limited

O Occasional

C Common

D Dominant

Dominance Vegetati	ion Quality
--------------------	-------------

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EVC Benchmark

18GIP

Botanical name	Common name	F	lantir	ng zon	e	Dominance	V	/eget	ation	Quali	ty	Comments	Most suitable for	EVC Benchmar
		1	2	3	4		5	4	3	2	1		replanting	
GRASSES, SEDGES DICOT HERBS	and FERNS													
Acaena novae-zelandiae	Bidgee-widgee					с	٠	•	٠	٠		Reliable with good site preparation	•	•
Acrotriche prostrata	Trailing Ground-berry					0	•	•				Not usually planted		
Adiantum aethiopicum	Common Maidenhair					0	٠	•				Not usually planted		٠
Austrocynoglossum latifolium	Forest Hound's-tongue					с	•	•	•	•		Coloniser of disturbed sites - reliable with good site preparation	•	
Blechnum minus	Soft Water-fern					0	٠	•				Usually not planted		•
Blechnum nudum	Fishbone Water-fern					0	•	٠				Usually not planted		•
Blechnum wattsii	Hard Water-fern					0	٠	٠				Usually not planted		
Carex appressa	Tall Sedge					с	•	•	•	٠		Reliable and robust	•	•
Carex fascicularis	Tassel Sedge					с	٠	٠	•			Reliable and robust		
Carex gaudichaudiana	Fen Sedge					L	•	٠	•			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					0	٠	٠	•	٠		Reliable and robust	•	
Dianella tasmanica	Tasman Flax-lily					с	٠	٠	•	٠		Reliable and robust	•	٠
Dichondra repens	Kidney-weed					с	٠	•	•			Reliable with good site preparation		٠
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	٠	•				Usually not planted		٠
Gahnia sieberiana	Red-fruit Saw-sedge					с	٠	•	•	٠		Reliable and robust	•	•
Galium propinquum	Maori Bedstraw					0	٠	٠	•			Usually not planted		•
Geranium potentilloides	Cinquefoil Cranesbill					0	٠	٠	٠			Usually not planted		
Hydrocotyle hirta	Hairy Pennywort					0	•	•	•			Usually not planted		•
Isolepis inundata	Swamp Club-sedge					с	•	٠	•			Reliable with good site preparation		
Juncus amabilis	Hollow Rush					0	•	٠	•	٠		Reliable and robust	•	
Juncus procerus	Tall Rush					ο	٠	٠	•	٠	٠	Reliable and robust	•	
Juncus sarophorus	Broom Rush					0	٠	٠	•	٠		Reliable and robust	•	
Lepidosperma elatius	Tall Sword-sedge		•			0	٠	•				Previously not available, recent advances in propagation may see an increase in availability		
Lepidosperma laterale var. majus	Variable Sword-sedge					с	•	•	•			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					0	•	•	•			Reliable and robust in moist location		
Lomandra longifolia ssp. longifolia	Spiny-headed Mat-rush					D	•	•	•	•		Reliable and robust	•	•
Lycopus australis	Australian Gipsy-wort					0	•	•	•	•		Reliable and robust in moist location	•	
Mentha australis	River Mint					0	•	•	•			Reliable and robust in moist location		
Microlaena stipoides var. stipoides	Weeping Grass					0	•	•	•			Maintain remnants by controlling grassy weeds		•
Oxalis corniculata s.l.	Yellow Wood-sorrel					0	٠	٠				Usually not planted		•
Poa australis spp. agg.	Tussock Grass					с	٠	٠	٠			Ideally suited to moist shaded sites		•

Key

Planting Zone Dominance Vegetation Quality L Limited 1 Bed 2 Lower Bank **O** Occasional **C** Common 3 📕 Upper Bank 4 Verge D Dominant

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18GIP

Botanical name	Common name	Р	lantir	ng zon	e	Dominance	١	/eget	tation	Qua	ity	Comments	Most suitable for	EVC Benchmark
		1	2	3	4		5	4	3	2	1		replanting	
Poa ensiformis	Sword Tussock-grass					с	٠	•	•	•		Ideally suited to moist shaded sites	Y	
Poa labillardierei var. labillardierei	Common Tussock-grass		-			0	•	•	•	•		Confine location to river terraces where soil moisture levels are higher	Y	
Poa tenera	Slender Tussock-grass					0	•	•				Usually not planted		Y
Polystichum proliferum	Mother Shield-fern					0	•	•				Usually not planted		
Pteridium esculentum	Common Bracken					с	•	•	•			Not available - may be present via natural regeneration		Y
Rubus parvifolius	Small-leaf Bramble					0	٠	•	•	•		Reliable and robust provides good low habitat.	Y	
Senecio linearifolius	Fireweed Groundsel					0	٠	•	•	•		Disturbance and post fire coloniser	Y	Y
Senecio minimus	Shrubby Fireweed					0	٠	•	•	•		Disturbance and post fire coloniser	Y	
Stellaria pungens	Prickly Starwort					0	•	•				Usually not planted but often a significant component of ground flora and competitive after disturbance		
Solanum prinifolium	Forest Nightshade					с	•	•	•			Usually not planted but often a significant component of ground flora and competitive after disturbance		
Tetrarrhena juncea	Forest Wire-grass					с	•	•	•			Often not planted but reliable dominant post disturbance		Y
Urtica incisa	Scrub Nettle					0	•	•	•			Usually not planted but often a significant component of ground flora and competitive after disturbance		
<i>Viola hederacea</i> sensu Willis (1972)	Ivy-leaf Violet					0	٠	•				Usually not planted		Y
SEMI AQUATIC AND AQUATIC HI	ERBS													
Alisma plantago-aquatica	Water Plantain					0	٠	•	•			Reliable and robust		
Baumea articulata	Jointed Twig-sedge					0	٠	•	•	•		Reliable and robust	Y	
Baumea rubiginosa sens. lat.	Soft Twig-rush					0	•	•	•			Reliable and robust		
Bolboschoenus medianus	Marsh Club-sedge					0	•	•	•	•		Reliable and robust	Y	
Eleocharis acuta	Common Spike-sedge					D	•	•	•	•		Reliable and robust	Y	
Eleocharis sphacelata	Tall Spike-sedge					0	٠	•	•	•		Reliable and robust	Y	
Myriophyllum crispatum	Upright Water-milfoil					0	•	•	•			Reliable and robust		
Persicaria decipens	Slender Knotweed					с	•	•	٠	•		Reliable and robust	Y	
Persicaria praetermissa	Spotted Knotweed					с	•	•	•			Reliable and robust		
Persicaria subsessilis	Hairy Knotweed					с	٠	•	•			Reliable and robust		
Phragmites australis	Common Reed					0	•	•	•			Reliable and robust		
Schoenoplectus tabernaemontani	River Club-sedge					D	٠	•	•	•		Reliable and robust	Y	

Key

Planting Zone	Dominance Vege	etation Quality
 Bed Lower Bank Upper Bank Verge 	O Occasional five of C Common D Dominant A H	1edium Fragmented remnants

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

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 moisturedependent ferns.

Cross Section

Zone



healthy waterways

29GIP

Botanical name	Common name	Р	lantii	ng zor	ne	Dominance	١	/egeta	ation	Qualit	у	Comments	Most suitable for	
		1	2	3	4		5	4	3	2	1		replanting	
TREES														
Acacia dealbata	Silver Wattle					с	•	•	•			Usually able to regenerate - exclude or only plant in limited numbers		
Acacia melanoxylon	Blackwood					D	•	•	٠	٠	•	Reliable and robust	Y	
Eucalyptus cypellocarpa	Mountain Grey-gum					D	٠	٠	٠	٠	٠	Reliable and robust	Y	Y
Eucalyptus obliqua	Messmate Stringybark					с	•	•	٠	٠	•	Reliable and robust	Y	Y
Eucalyptus viminalis	Manna Gum					ο	•	•	٠	٠	٠	Reliable and robust	Y	
SMALL TREES/LARGE - MEDIUI	M SHRUBS & VINES													
Acacia verticillata	Prickly Moses					с	•	•	٠	٠	•	Reliable and robust	•	
Bedfordia arborescens	Blanket-leaf					с	٠	•	٠			Reliable but requires moist cool conditions		•
Cassinia aculeata	Common Cassinia					D	•	•	٠	٠	٠	Reliable and robust	•	
Coprosma quadrifida	Prickly Currant-bush					D	•	•	•	•	•	Reliable and robust	•	•
Goodenia ovata	Hop Goodenia					0	٠	٠	٠	٠	•	Reliable and robust	•	•
Hedycarya angustifolia	Austral Mulberry					с	٠	٠	٠			Limited availability		
Leucopogon lanceolatus var. lanceolatus	Lance Beard-heath					L	•	•				Restricted distribution on Mornington Peninsula		•
Olearia argophylla	Musk Daisy-bush					с	٠	•	٠	٠		Reliable and robust	•	
Olearia lirata	Snow Daisy-bush					D	٠	•	٠	٠		Reliable and robust	•	
Pandorea pandorana	Wonga Vine					0	٠	•				Not available in high numbers		•
Pimelea axiflora	Bootlace Bush					D	٠	٠	٠			Not generally available		
Pittosporum bicolor	Banyalla					0	٠	•				Reliable and robust - limited availability		
Polyscias sambucifolia	Elderberry Panax					ο	•	•	٠			Not available in high numbers, common recoloniser after fire		•
Pomaderris aspera	Hazel Pomaderris					D	•	•	•	٠	•	Reliable and robust	•	•
Prostanthera lasianthos	Victorian Christmas-bush					D	٠	•	٠	٠	•	Requires good conditions to establish	•	
Zieria arborescens	Stink-wood					0	•	•				Propagation limited can be difficult to establish		
GRASSES, SEDGES DICOT HERI	BS and FERNS													
Acaena novae-zelandiae	Bidgee-widgee					с	•	•	٠	•	•	Reliable with good site preparation	•	
Acrotriche prostrata	Trailing Ground-berry					R	٠					Not usually planted		
Austrocynoglossum latifolium	Forest Hounds Tongue					с	•	•	•			Usually not planted but often a dominant component of ground flora and competitive after disturbance		
Billardiera scandens	Common Apple-berry					0	٠	٠	٠			Reliable with good site preparation		•
Blechnum cartilagineum	Gristle Fern					ο	•	•				Usually not planted		•
Blechnum nudum	Fishbone Water-fern					0	•	•				Usually not planted		
Blechnum wattsii	Hard Water-fern					с	•	٠	•			Usually not planted		
Calochlaena dubia	Common Ground-fern					0	٠	٠				Usually not planted		•
Carex appressa	Tall Sedge					с	٠	٠	٠	٠	•	Reliable and robust	•	
Clematis aristata	Mountain Clematis					с	٠	٠	٠			Reliable with good site preparation		•
Cyathea australis	Rough Tree-fern					с	•	•				Not suited to large scale reveg as plants are sourced from natural environments, not readily propagated and expensive to purchase		•

Key

Planting Zone	Do	minance	Ve	egetation Q	Quality
1 Bed 2 Lower Bank		Limited Occasional		ese columr e different	
3 Upper Bank 4 Verge	с	Common Dominant	2	Very low Low Medium	Highly Highly Fragme
			4	L C ada	Deleti

mns show the species expected to be present in areas of vegetation at nt quality levels.

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

Plants usted 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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	Li

Botanical name	Common name	I	Plantir	ng zon	e	Dominance	Vegetation Quality					Comments	Most suitable for	
		1	2	3	4		5	4	3	2	1		replanting	
Dianella caerulea var. caerulea	Paroo Lily					L	٠					Not common in the EVC		•
Dianella tasmanica	Tasman Flax-lily					0	•	٠	٠	٠	٠	Reliable and robust	•	•
Dichondra repens	Kidney-weed					с	٠	•	٠			Reliable with good site preparation		
Dicksonia antarctica	Soft Tree-fern					с	•	•				Not suited to large scale reveg as plants are sourced from natural environments, not readily propagated and expensive to purchase		
Geranium potentilloides	Cinquefoil Cranesbill					0	٠	•				Usually not planted		
Gonocarpus teucrioides s.l.	Germander Raspwort					с	•	٠	•			Reliable but usually not propagated		•
Hierochloe rariflora	Cane Holy-grass					L	•					Found in East Gippsland - Not in MW region		•
Hydrocotyle hirta	Hairy Pennywort					0	•	٠				Usually not planted		
Hypericum japonicum	Matted St John's Wort					0	•	٠				Usually not planted		
Isolepis inundata	Swamp Club-rush					0	•	٠				Usually not planted		
Lagenophora stipitata	Common Bottle-daisy					0	•	٠				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					с	•	•	•	•	•	Reliable and robust	•	•
Microlaena stipoides var. stipoides	Weeping Grass					D	•	•	•			Maintain remnants by controlling grassy weeds		•
Oxalis exilis	Shady Wood-sorrel					0	•	•				Generally not propagated		
Poa ensiformis	Sword Tussock-grass					с	•	•	•	•		Reliable and robust	•	
Poa labillardierei	Common Tussock-grass					D	•	•	•	•		Reliable and robust if used in damp area	•	•
Poa tenera	Slender Tussock-grass					0	٠	٠				Usually not planted		
Polystichum proliferum	Mother Shield-fern					D	•	•	•			Usually not planted		•
Poranthera microphylla	Small Poranthera					0	•	٠				Usually not planted		•
Pteridium esculentum	Austral Bracken					D	٠	٠	•			Not available - may be present via natural regeneration		•
Sambucus gaudichaudiana	White Elderberry					0	٠	٠	•			Disturbance and post fire coloniser		
Senecio minimus	Shrubby Fireweed					с	•	٠	•			Disturbance and post fire coloniser		
Sigesbeckia orientalis	Indian Weed					0	٠	•	•			Disturbance and post fire coloniser		
Solanum prinophyllum	Forest Nightshade					с	•	•	•			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					0	•	•	•			Usually not planted but often a dominant component of ground flora and competitive after disturbance		
Tetrarrhena juncea	Forest Wire-grass					с	•	•	•			Often not planted but reliable dominant post disturbance		•
Urtica incisa	Scrub Nettle					с	•	•	•			Usually not planted but often a dominant component of ground flora and competitive after disturbance		
<i>Viola hederacea</i> sensu Willis (1972)	Ivy-leaf Violet					с	٠	٠	•			Usually not planted		•

Key

Planting Zone	Do	ominance	Ve	egetation Ç	Quality
 Bed Lower Bank Upper Bank Verge 	o	Limited Occasional Common Dominant	fi\ 1 2 3 4	nese column ve different o Very low Low Medium High Very high	

s show the species expected to be present in areas of vegetation at quality levels.

Highly modified, fragmented and meets social and amenity values Highly modified, fragmented and meets social and amenity requirements Fragmented remnants Relatively intact, structural vegetation elements present with high connectivity 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 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

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 moisturedependent ferns.



Zone





29stz

Botanical name	Common name	I	Planti	ng zor	ie	Dominance	١	/egeta	ation	Qualit	у	Comments		EVC Benchmarl
		1	2	3	4		5	4	3	2	1		replanting	
TREES														
Acacia dealbata	Silver Wattle					с	•	•	•			Usually able to regenerate - exclude or only plant in limited numbers		
Acacia melanoxylon	Blackwood					D	٠	٠	٠	٠	٠	Reliable and robust	•	•
Eucalyptus cypellocarpa	Mountain Grey-gum					с	•	٠	•	٠	٠	Reliable and robust - check local occurrence	•	•
Eucalyptus globulus ssp. bicostata	Eurabbie					с	•	٠	•	٠	•	Reliable and robust - check local occurrence	•	٠
Eucalyptus obliqua	Messmate Stringybark					0	•	٠	٠	•	•	Reliable and robust	•	•
SMALL TREES/LARGE - MEDIUM	SHRUBS & VINES													
Acacia verticillata	Prickly Moses					с	•	•	•	٠	•	Reliable and robust	•	
Bedfordia arborescens	Blanket-leaf					с	•	٠	•			Reliable but requires moist cool conditions		
Bursaria spinosa	Sweet Bursaria					с	•	٠	٠	•		Reliable and robust	•	
Cassinia aculeata	Common Cassinia					D	•	•	•	•	•	Reliable and robust	•	•
Coprosma quadrifida	Prickly Currant-bush					D	•	•	٠	•	•	Reliable and robust	•	•
Goodenia ovata	Hop Goodenia					0	•	•	•	•	•	Reliable and robust	•	•
Hedycarya angustifolia	Austral Mulberry					с	•	٠	٠			Limited availability		
Olearia argophylla	Musk Daisy-bush					с	•	•	•	•		Reliable and robust	•	•
Olearia lirata	Snow Daisy-bush					D	•	•	٠	•		Reliable and robust	•	•
Pandorea pandorana	Wonga Vine					0	•	•				Not available in high numbers		•
Pimelea axiflora	Bootlace Bush					D	•	•	٠			Not generally available		
Pittosporum bicolor	Banyalla					0	•	•	•			Reliable and robust - limited availability		
Polyscias sambucifolia	Elderberry Pana		•			0	٠	•	•			Not available in high numbers, common recoloniser after fire		
Pomaderris aspera	Hazel Pomaderris					D	٠	•	•	٠	٠	Reliable and robust	•	•
Prostanthera lasianthos	Victorian Christmas-bush					D	•	٠	٠	•	•	Requires good conditions to establish	•	
Zieria arborescens	Stink-wood					0	•	٠				Propagation limited, can be difficult to establish		
GRASSES, SEDGES DICOT HERBS	and FERNS													
Acaena novae-zelandiae	Bidgee-widgee					с	•	•	•	•	•	Reliable with good site preparation	•	•
Acrotriche prostrata	Trailing Ground-berry					L	•					Not usually planted		
Austrocynoglossum latifolium	Forest Hounds-tongue					с	•	•	•			Usually not planted but often a dominant component of ground flora and competitive after disturbance		
Billardiera scandens	Common Apple-berry					0	•	٠	٠			Reliable with good site preparation		
Blechnum cartilagineum	Gristle Fern					0	٠	•				Usually not planted		
Blechnum nudum	Fishbone Water-fern					0	٠	٠				Usually not planted		
Blechnum wattsii	Hard Water-fern					с	•	•	•			Usually not planted		
Calochlaena dubia	Common Ground-fern					0	٠	٠				Usually not planted		•
Carex appressa	Tall Sedge					с	٠	•	•	٠	٠	Reliable and robust	•	
Clematis aristata	Mountain Clematis					с	٠	٠	٠			Reliable with good site preparation		•
Cyathea australis	Rough Tree-fern		-			с	•	•				Not suited to large scale reveg as plants are sourced from natural environments, not readily propagated and expensive to purchase		•

Key

Planting Zone	Dominance	Vegetation Quality
 Bed Lower Bank Upper Bank Verge 	L LimitedO OccasionalC CommonD Dominant	These columns show if five different quality latent of the second statent of th

plumns show the species expected to be present in areas of vegetation at erent quality levels.

Very low Highly degraded with limited social and amenity values
 Low Highly modified, fragmented and meets social and amenity requirements
 Medium Fragmented remnants
 High Relatively intact, structural vegetation elements present with high connectivity
 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 Plants usted 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

29stz

Botanical name	Common name	P	Plantii	ng zon	e	Dominance	١	/eget	ation	Qualit	ţy	Comments	Most suitable for	EVC Benchmarl
		1	2	3	4		5	4	3	2	1		replanting	
Dianella tasmanica	Tasman Flax-lily					0	٠	•	•	٠	٠	Reliable and robust	•	
Dichondra repens	Kidney-weed					с	٠	٠	•			Reliable with good site preparation		
Dicksonia antarctica	Soft Tree-fern					С	•	•				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					0	٠	٠	•	٠		Reliable and robust	•	
Geranium potentilloides	Cinquefoil Cranesbill					0	٠	•				Usually not planted		•
Gonocarpus teucrioides s.l.	Germander Raspwort					с	•	•	•			Reliable but usually not propagated		
Hydrocotyle hirta	Hairy Pennywort					0	٠	•				Usually not planted		
Hypericum japonicum	Matted St John's Wort					0	٠	•				Usually not planted		
Isolepis inundata	Swamp Club-rush					0	٠	٠				Usually not planted		
Kunzea ericoides	Burgan					с	•	٠	•			Reliable and robust		
Lagenophora stipitata	Common Bottle-daisy					0	٠	•				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					с	•	•	•	•	•	Reliable and robust	•	•
Microlaena stipoides var. stipoides	Weeping Grass					D	•	•	•			Maintain remnants by controlling grassy weeds		•
Oxalis exilis	Shady Wood-sorrel					0	•	•				Generally not propagated		
Poa ensiformis	Sword Tussock-grass					D	٠	٠	•	•		Reliable and robust	•	
Poa labillardierei	Common Tussock-grass					D	٠	٠	•	•		Reliable and robust if used in damp area	•	
Poa tenera	Slender Tussock-grass					0	•	٠				Usually not planted		
Polystichum proliferum	Mother Shield-fern					D	٠	•	•			Usually not planted		•
Poranthera microphylla	Small Poranthera					0	•	•				Usually not planted		
Pteridium esculentum	Austral Bracken					D	٠	٠	•			Not available - may be present via natural regeneration		•
Sambucus gaudichaudiana	White Elderberry					0						Disturbance and post fire coloniser		
Secencio linearfolius	Fireweed Groundsel					с	٠	٠	•	٠		Common coloniser, particularly after disturbance	•	•
Senecio minimus	Shrubby Fireweed					с	٠	٠	•			Disturbance and post fire coloniser		
Sigesbeckia orientalis	Indian Weed					0						Disturbance and post fire coloniser		
Solanum prinophyllum	Forest Nightshade					с	•	•	•			Usually not planted but often a dominant component of ground flora and competitive after disturbance		
Stellaria flaccida	Forest Starwort		-			0	•	•	•			Usually not planted but often a dominant component of ground flora and competitive after disturbance		•
Tetrarrhena juncea	Forest Wire-grass					с	•	•	•			Often not planted but reliable dominant post disturbance		•
Urtica incisa	Scrub Nettle					с	•	•	•			Usually not planted but often a dominant component of ground flora and competitive after disturbance		
<i>Viola hederacea</i> sensu Willis (1972)	Ivy-leaf Violet					с	•	•	•			Usually not planted		•

Key

Planting Zone

2 Lower Bank

3 📕 Upper Bank 4 Verge

1 Bed

L Limited

O Occasional

C Common

D Dominant

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

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

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.





healthy waterways

30GIP

Botanical name	Common name		Plantir		e	Dominance	\	Vegetation			ty Comments	Comments	Most suitable for	EVC Benchmar
		1	2	3	4		5	4	3	2	1		replanting	
TREES														
Acacia dealbata ssp. dealbata	Silver Wattle					L	•	•	•		•	Usually able to regenerate - avoid planting or use in limited numbers		•
Acacia melanoxylon	Blackwood					с	٠	•	٠	٠	٠	Reliable and robust	•	•
Atherosperma moschatum ssp. moschatum	Southern Sassafras					0	•	•	•			Limited availability		
Eucalyptus cypellocarpa	Mountain Grey-gum					0	•	•	•	•	•	Reliable and robust	•	•
Eucalyptus obliqua	Messmate					0	•	•	•	٠	•	Reliable and robust	•	•
Eucalyptus regnans	Mountain Ash					с	•	•	•	•		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					с	•	•	•	٠	٠	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					с	•	٠	•	٠		Reliable but requires moist cool conditions	•	
Billardiera scandens	Common Apple-berry					0	٠	•	٠			Limited availability		•
Cassinia aculeata	Common Cassinia					0	•	•	•	٠	•	Reliable and robust	•	•
Cassinia longifolia	Shiny Cassinia					с	٠	٠	٠	٠	٠	Reliable and robust	•	•
Clematis aristata	Mountain Clematis					0	•	•	•	٠		Limited availability	•	٠
Comesperma volubile	Love Creeper					0	•	•	•			Rarely propagated		•
Coprosma quadrifida	Prickly Current-bush					0	٠	٠	٠	٠	٠	Reliable and robust	•	
Correa lawrenceana	Mountain Correa					L	•	•	•			Reliable and robust but not as easily propagated as many other species		
Goodenia ovata	Hop Goodenia					0	•	٠	•	٠	٠	Reliable and robust	•	•
Hedycarya angustifolia	Austral Mulberry					0	•	•	•	•		Reliable and robust but not as easily propagated as many other species	•	
Lomatia fraseri	Tree Lomatia					0	•	•				Reliable and robust but not as easily propagated as many other species		
Myrsine howittiana	Mutton-wood					0	•	•	•	•		Reliable and robust	•	
Olearia argophylla	Musk Daisy-bush					с	•	•	•	•	•	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					0	•	•	•	•	•	Reliable and robust	•	•
Pandorea pandorana	Wonga Vine					0	•	•	•			Not available in high numbers		
Parsonsia brownii	Twining Silkpod					L	•	•				Rarely propagated		
Pimelea axiflora ssp. axiflora	Bootlace Bush					0	•	•	•			Propagation very difficult but responds to disturbance and regenerates en mass		
Pittosporum bicolor	Banyalla					0	•	•				Propagation very difficult and rarely planted		
Polyscias sambucifolia ssp. 1	Broad-leaf Panax					0	•	•	•	•		Not available in high numbers, common recoloniser after fire	•	
Pomaderris aspera	Hazel Pomaderris					с	•	•	•	•	•	Reliable and robust	•	•
Rhytidosporum procumbens	White Marianth					L	٠					Rarely propagated		•
Zieria arborescens	Stinkwood					0		٠	٠			Propagation limited, can be difficult to establish		

Key

Planting Zone

2 Lower Bank

3 📕 Upper Bank 4 Verge

1 Bed

Dominan

L Limited

O Occasional

C Common

D Dominant

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

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

30GIP

Botanical name	Common name	F	Plantir	ng zon	e	Dominance	١	/egeta	ation	Qualit	у	Comments	Most suitable for	EVC Benchmar
		1	2	3	4		5	4	3	2	1		replanting	
SMALL SHRUBS, GRASSES, SEDG	ES DICOT HERBS and FERN	s												
Acaena novae-zelandiae	Bidgee-widgee					с	٠	٠	٠	٠		Reliable and robust	•	
Asplenium bulbiferum ssp. gracillimum	Mother Spleenwort					D	•	•				Usually not planted		
Australina pusilla ssp. muelleri	Shade Nettle					0	•	•				Usually not planted		
Austrocynoglossum latifolium	Forest Hound's-tongue					0	•	•	•			Usually not planted but often a dominant component of ground flora and competitive after disturbance		
Blechnum cartilagineum	Gristle Fern					с	•	٠	•			Usually not planted		•
Blechnum fluviatile	Ray Waterfern					0	•	•				Usually not planted		
Blechnum wattsii	Hard Water-fern					L	٠	٠				Usually not planted		
Calochlaena dubia	Common Ground-fern					0	٠	٠				Usually not planted		٠
Carex appressa	Tall Sedge					с	٠	٠	٠	٠	٠	Reliable and robust	•	
Cyathea australis	Rough Tree-fern		-	•		0	•	•	•			Not suited to large scale revegetation as plants are sourced from natural environments, not readily propagated and expensive to purchase		٠
Cyperus lucidus	Leafy Flat-sedge					0	٠	•	•	٠	٠	Reliable and robust	•	٠
Dianella tasmanica	Tasman Flax-lily					0	٠	٠	•	٠	٠	Reliable and robust	•	•
Dichondra repens	Kidney-weed					0	•	•	•	•		Easily propagated can be difficult to establish due to diminutive size	•	•
Dicksonia antarctica	Soft Tree-fern					0	•	•	•			Not suited to large scale revegetation as plants are sourced from natural environments, not readily propagated and expensive to purchase		٠
Gahnia radula	Thatch Saw-sedge					0	٠	•	•			Can not be propagated in useable quantities		•
Gahnia sieberiana	Red-fruit Saw-sedge					с	٠	٠	•	•	٠	Reliable and robust	•	
Gonocarpus teucrioides s.l.	Germander Raspwort					0	٠	٠	٠			Usually not planted		•
Grammitis billardierei	Common Finger-fern					L	٠					Usually not planted		
Hydrocotyle hirta	Hairy Pennywort					L	٠	٠				Usually not planted		
Isolepis inundata	Swamp Club-rush					0	٠	•				Usually not planted		
Juncus gregiflorus	Green Rush					0	•	•	•	•	•	Reliable and robust	•	
Juncus pallidus	Pale Rush					0	٠	٠	٠			Reliable and robust		٠
Juncus procerus	Tall Rush					0	٠	٠	٠	٠	٠	Reliable and robust	•	
Lagenophora stipitata	Common Bottle-daisy					L	٠					Can not be propagated in useable quantities		٠
Lepidosperma elatius var. elatius	Tall Sword-sedge					с	•	•	•			Can not be propagated in useable quantities		
Leptostigma reptans	Dwarf Nertera					L	٠					Can not be propagated in useable quantities		
Lomandra longifolia	Spiny-headed Mat-rush					с	٠	٠	•	٠	٠	Reliable and robust	•	•
Mentha laxiflora	Forest Mint					0	٠	٠				Usually not planted		
Microlaena stipoides var. stipoides	Weeping Grass					0	٠	٠	•			Maintain remnants by controlling grassy weeds		•
Microsorum pustulatum	Kangaroo Fern					0	•	•				Requires sheltered shady sites not appropriate for revegetation		
Oxalis corniculata s.l.	Yellow Wood-sorrel					0	•	٠				Generally not propagated		•
Poa australis spp. agg.	Tussock Grass					0	٠	٠				Reliable		•
Poa ensiformis	Sword Tussock-grass					с	•	•	•	•	•	Reliable and robust and a better performer in the shade than Poa labillardierei	•	
Poa labillardierei	Common Tussock-grass					0	٠	•	٠	٠		Reliable and robust in more open areas	•	٠

Key

Planting Zone Dominance Vegetation Quality L Limited 1 🗾 Bed 2 Lower Bank **O** Occasional C Common 3 📕 Upper Bank 4 Verge D Dominant

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

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

Most suitable for replanting

EVC Benchmark

Plants listed in this column are species which are readily 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 cultivated in nurseries with indigenous plant propagation skills, reliable in revegetation with an expected survival 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. long-undisturbed stand of the same vegetation type.

30GIP

Botanical name Common name		1	Planti	ng zoi	ne	Dominance	١	/egeta	ation	Qual	ity	Comments	Most suitable for	EVC Benchmark
		1	2	3	4		5	4	3	2	1		replanting	
Polystichum proliferum	Mother Shield-fern					D	•	٠	٠			Easy to propagate but limited availability		
Pteridium esculentum	Common Bracken					0	•	٠	٠			Can not be propagated in useable quantities		•
Rhytidosporum procumbens	White Marianth					L	٠	٠				Not available - may be present via natural regeneration		•
Sambucus gaudichaudiana	White Elderberry					0	•	٠	٠			Disturbance and post fire coloniser		
Senecio glomeratus	Annual Fireweed					0	•	٠	•	•		Disturbance and post fire coloniser	•	•
Senecio linearifolius sens. lat.	Fireweed Groundsel					с	•	•	•	٠		Disturbance and post fire coloniser	•	
Senecio velleioides	Forest Groundsel					0	٠	٠				Disturbance and post fire coloniser		•
Solanum prinifolium	Forest Nightshade					с	•	•	•			Usually not planted but often a significant component of ground flora and competitive after disturbance		
Sticherus lobatus	Spreading Fan-fern					0	•					Usually not planted		•
Tetrarrhena juncea	Forest Wire-grass					с	•	•	٠			Often not planted but reliable dominant post disturbance		•
Urtica incisa	Scrub Nettle					0	•	•	•			Usually not planted but often a dominant component of ground flora and competitive after disturbance		
Viola hederacea sensu Willis (1972)	Ivy-leaf Violet					0	٠	•	٠			Reliable		•

Key

Planting Zone	Dominance	Vegetation Quality	I
 Bed Lower Bank Upper Bank Verge 	L LimitedO CocasionalC CommonD Dominant	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	P c s r a P i:

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

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.





healthy waterways

30stz

Botanical name	name Common name Planting zone Dominance		١	/egeta	ation (Qualit	у	Comments	Most suitable for	EVC Benchma				
		1	2	3	4		5	4	3	2	1		replanting	
TREES														
Acacia dealbata ssp. dealbata	Silver Wattle					L	•	•	•			Usually able to regenerate and often planted in limited numbers		•
Acacia melanoxylon	Blackwood					с	•	٠	٠	٠	٠	Reliable and robust	•	
Atherosperma moschatum ssp. moschatum	Southern Sassafras					0	•	•	•			Limited availability		
Eucalyptus cypellocarpa	Mountain Grey Gum					0	•	٠	•	٠	٠	Reliable and robust	•	
Eucalyptus obliqua	Messmate					0	•	٠	•	٠	٠	Reliable and robust	•	•
Eucalyptus regnans	Mountain Ash					С	•	•	•	•		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					с	•	٠	٠	٠	٠	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					с	٠	٠	٠	٠		Reliable but requires moist cool conditions	•	٠
Billardiera scandens	Common Apple-berry					0	•	٠	٠			Limited availability		
Cassinia aculeata	Common Cassinia					0	•	٠	٠	٠	٠	Reliable and robust	•	
Cassinia longifolia	Shiny Cassinia						•	٠	٠	٠	٠	Reliable and robust	•	
Clematis aristata	Mountain Clematis					0	•	٠	٠	٠		Limited availability	•	٠
Comesperma volubile	Love Creeper					0	•	٠				Rarely propagated		
Coprosma quadrifida	Prickly Currant-bush					0	•	٠	•	٠	٠	Reliable and robust	•	•
Correa lawrenceana	Mountain Correa					L	٠	٠				Reliable and robust but not as easily propagated as many other species		
Goodenia ovata	Hop Goodenia					0	•	٠	•	٠		Reliable and robust	•	
Hedycarya angustifolia	Austral Mulberry					0	•	•				Reliable and robust but not as easily propagated as many other species		•
Lomatia fraseri	Tree Lomatia					с	•	•	•	•	•	Reliable and robust but not as easily propagated as many other species	•	
Myrsine howittiana	Mutton-wood					0	•	•	•	•		Reliable and robust	•	
Olearia argophylla	Musk Daisy-bush					0	•	•	•	•	•	Reliable and robust	•	•
Olearia lirata	Snowy Daisy-bush					c	•	•	•	•	•	Reliable and robust	•	•
Ozothamnus ferrugineus	Tree Everlasting					0	•	•	•			Not available in high numbers		
Pandorea pandorana	Wonga Vine					L	•	•				Rarely propagated		•
Parsonsia brownii	Twining Silkpod				-	0	•	•	•			Propagation very difficult but responds to disturbance and regenerates en mass		
Pimelea axiflora ssp. axiflora	Bootlace Bush					0	•	•				Propagation very difficult and rarely planted		
Pittosporum bicolor	Banyalla					0	•	•	•	•		Not available in high numbers, common recoloniser after fire	•	
Polyscias sambucifolia ssp. 1	Broad-leaf Panax					с	•	•	•	•	•	Reliable and robust	•	
Pomaderris aspera	Hazel Pomaderris					с	•	•	•	•	•	Reliable and robust	•	•
Zieria arborescens	Stinkwood					0	٠	٠	٠			Propagation limited, can be difficult to establish		

Key

Planting Zone

2 Lower Bank

3 📕 Upper Bank 4 Verge

1 Bed

Dominance	Vegetation Quality
-----------	--------------------

L Limited

O Occasional

C Common

D Dominant

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

Very low Highly degraded with limited social and amenity values
 Low Highly modified, fragmented and meets social and amenity requirements
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 High Relatively intact, structural vegetation elements present with high connectivity
 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 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

30stz

Botanical name	Common name	ľ	Plantii	ng zon	e	Dominance		/egeta	ation (Qualit	у	Comments	Most suitable for	EVC Benchmar
		1	2	3	4		5	4	3	2	1		replanting	
SMALL SHRUBS, GRASSES, SEDG	ES DICOT HERBS and FERN	s												
Acaena novae-zelandiae	Bidgee-widgee					с	•	•	٠	٠		Reliable and robust	•	
Asplenium bulbiferum ssp. gracillimum	Mother Spleenwort		•	•			•	•				Usually not planted		•
Australina pusilla ssp. muelleri	Shade Nettle					0	•	•	•			Usually not planted		•
Austrocynoglossum latifolium	Forest Hound's-tongue					0	•	•	•			Usually not planted but often a dominant component of ground flora and competitive after disturbance		
Blechnum cartilagineum	Gristle Fern					с	٠	٠	٠			Usually not planted		
Blechnum fluviatile	Ray Water-fern					0	٠	٠				Usually not planted		
Blechnum wattsii	Hard Water-fern					L	٠	•				Usually not planted		
Calochlaena dubia	Common Ground-fern					0	•	•				Usually not planted		
Carex appressa	Tall Sedge					с	٠	٠	٠	٠	٠	Reliable and robust	•	
Cyathea australis	Rough Tree-fern		•			0	•	•	•			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					0	•	•	٠	٠	٠	Reliable and robust	•	
Dianella tasmanica	Tasman Flax-lily					0	٠	٠	٠	٠	٠	Reliable and robust	•	
Dichondra repens	Kidney-weed		-	•	-	0	•	•	•	•		Easily propagated can be difficult to establish due to diminutive size	•	
Dicksonia antarctica	Soft Tree-fern					0	•	•	•			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					0	٠	٠	٠			Can not be propagated in useable quantities		
Gahnia sieberiana	Red-fruit Saw-sedge					с	٠	٠	٠	٠	٠	Reliable and robust	•	
Gonocarpus teucrioides s.l.	Germander Raspwort					0	٠	٠	٠			Usually not planted		
Grammitis billardierei	Common Finger-fern					L	•					Usually not planted		•
Histiopteris incisa	Bat's Wing Fern					L	٠					Usually not planted		
Hydrocotyle hirta	Hairy Pennywort					L	٠	•				Usually not planted		•
Isolepis inundata	Swamp Club-rush					0	٠	٠				Usually not planted		
Juncus gregiflorus	Green Rush					0	٠	٠	٠	٠	٠	Reliable and robust	•	
Juncus pallidus	Pale Rush					0	٠	٠	•			Reliable and robust		
Juncus procerus	Tall Rush					0	•	•	٠	٠	٠	Reliable and robust	•	
Lagenophora stipitata	Common Bottle-daisy					L	٠					Can not be propagated in useable quantities		
Lepidosperma elatius var. elatius	Tall Sword-sedge					с	٠	٠	٠			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					с	•	٠	٠	٠	٠	Reliable and robust	•	
Mentha laxiflora	Forest Mint					0	•	•				Usually not planted		
Microlaena stipoides var. stipoides	Weeping Grass					0	•	٠	٠			Can become dominant particularly in open areas		
Microsorum pustulatum ssp. pustulatum	Kangaroo Fern					0	•	•				Requires sheltered shady sites, not appropriate for revegetation		•
Oxalis corniculata s.l.	Yellow Wood-sorrel					0	•	٠				Generally not propagated		
Poa ensiformis	Sword Tussock-grass					с	•	•	•	•	•	Reliable and robust and a better performer in the shade than Poa lab	•	

Key

Planting Zone	Dominance	Vegetation Quality
 Bed Lower Bank Upper Bank Verge 	L LimitedO OccasionalC CommonD Dominant	These columns show if the different quality light 1 Very low 2 Low Highly 3 Medium Fragmu 4 High Relativ

umns show the species expected to be present in areas of vegetation at ent quality levels.

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

EVC Benchmark

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

30stz

Botanical name	Common name		Planting zone		e	Dominance	٧	/egeta	ation	Qual	ity	Comments	Most suitable for	EVC Benchmark
		1	2	3	4		5	4	3	2	1		replanting	
Poa labillardierei	Common Tussock-grass					0	•	٠	٠	٠		Reliable and robust in more open areas	•	
Polystichum proliferum	Mother Shield-fern					D	٠	٠	٠			Easy to propagate but limited availability		•
Pteridium esculentum	Common Bracken					0	•	٠	٠			Not available - may be present via natural regeneration		•
Sambucus gaudichaudiana	White Elderberry					0	٠	٠	٠	٠		Disturbance and post fire coloniser	•	•
Senecio glomeratus	Annual Fireweed					с	•	٠	٠	٠		Disturbance and post fire coloniser	•	
Senecio linearifolius sens. lat.	Fireweed Groundsel					с	٠	٠	٠	•		Disturbance and post fire coloniser	•	
Senecio velleioides	Forest Groundsel					0	•	٠				Disturbance and post fire coloniser		
Solanum prinifolium	Forest Nightshade					с	•	•	•			Usually not planted but often a significant component of ground flora and competitive after disturbance.		
Sticherus lobatus	Spreading Fan-fern						•	٠	٠			Often not planted but reliable dominant post disturbance		
Tetrarrhena juncea	Forest Wire-grass					0	•	٠				Usually not planted		•
Urtica incisa	Scrub Nettle		-	-		0	•	•	٠			Usually not planted but often a dominant component of ground flora and competitive after disturbance		
Viola hederacea sensu Willis (1972)	Ivy-leaf Violet					0	•	٠	٠			Reliable		•

Key

Planting Zone	Dominance	Vegetation Quality	Mo
 Bed Lower Bank Upper Bank Verge 	L LimitedO CocasionalC CommonD Dominant	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	Plar cult skill rate assu plar is u

Most suitable for replanting

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EVC Benchmark

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.





Zone



healthy waterways

53-61GIP

Botanical name	Common name	P	lanti	ng zon	e	Dominance	١	/egeta	ation	Quali	ty	Comments	Most suitable for	EVC Benchmar
		1	2	3	4		5	4	3	2	1		replanting	
TREES														
Acacia melanoxylon	Blackwood					0	•	•	•	•	•	Occurs at low numbers on slightly raised ground	•	
Eucalyptus ovata var. ovata	Swamp Gum					L	٠	٠	٠	٠	٠	Occurs at low numbers on slightly raised ground	•	
Leptospermum lanigerum	Wooly Tea-tree					D	٠	٠	•	٠	٠	Reliable and robust	•	•
Melaleuca ericifolia	Swamp Paperbark					D	٠	٠	٠	٠	٠	Dominant plant in this EVC providing habitat structure	•	•
SMALL TREES/LARGE - MEDIUM	SHRUBS & VINES													
Acacia verticillata ssp. verticillata	Prickly Moses					0	•	٠	•	•	•	Reliable and robust	•	
Calystegia sepium	Large Bindweed					L	•	٠	٠			Not usually planted		•
Coprosma quadrifida	Prickly Currant-bush					0	•	•	•	•		Reliable and robust	•	•
Leptospermum continentale	Prickly Tea-tree					0	٠	•	•	•	٠	Reliable and robust	•	•
Ozothamnus ferrugineus	Tree Everlasting					с	•	•	•	٠	•	Reliable and robust	•	
GRASSES, SEDGES DICOT HERBS	and FERNS													
Acaena novae-zelandiae	Bidgee-widgee					D		•	•	•		Reliable with good site preparation	•	
Alternanthera denticulata	Lesser Joyweed					0	•	•	•			Coloniser		
Notodanthonia semiannularis	Wetland Wallaby grass					0	•	•	•			Reliable with good site preparation		
Apium prostatum ssp. prostratum var. prostratum	Sea Celery	۰				0	•	•				Reliable with good site preparation		
, Blechnum cartilagineum	Gristle Fern					0	•	•				Not usually planted		•
Blechnum minus	Soft Water fern					L	•	٠				Not usually planted		
Carex appressa	Tall Sedge					D	•	٠	•	٠	٠	Reliable and robust	•	
Carex fascicularis	Tassel Sedge					с	•	٠	٠	٠	٠	Reliable and robust	•	
Carex gaudichudiana	Fen Sedge					0	•	٠	٠			Reliable with good site preparation		
Centella cordifolia	Centella					0	•	٠	٠			Reliable with good site preparation		
Deyeuxia quadriseta	Reed Bent-grass					0	٠	٠	٠			Reliable with good site preparation		
Dichondra repens	Kidney-weed					0	•	٠	٠			Reliable with good site preparation		
Epilobium pallidiflorum	Showy Willow-herb					0	•	٠	٠			Coloniser - Not usually planted		
Gahnia radula	Thatch Saw-sedge					0	•	٠				Cannot be propagated in useable quantities		•
Gahnia sieberiana	Red-fruit Saw-sedge					0	٠	٠	•			Reliable and robust		
Goodenia humilis	Swamp Goodenia					с	•	٠				Reliable with good site preparation		
Hydrocotyle pterocarpa	Wing Pennywort					0	٠	•				Not usually planted		•
Juncus gregiflorus	Green Rush					с	٠	•	•	•	٠	Reliable and robust	•	•
Juncus australis	Astral Rush					с	٠	•	•	•	٠	Reliable and robust	•	
Lachnagrostis filiformis (perennial variety)	Wetland Blown-grass					0	•	•	•			Coloniser - Not usually planted		
Lobelia pedunculata s.l.	Matted Pratia					0	•	•				Not usually planted		
Microlaena stipoides var. stipoides	Weeping Grass					0	•	٠	٠	٠		Maintain remnants by controlling grassy weeds.	•	
Poa labillardierei var. labillardierei	Common Tussock-grass					ο	•	•	•	٠	٠	Reliable and robust if used in damp area	•	•
Poa tenera	Slender Tussock-grass					0	٠	٠				Not usually planted		

Key

4 Verge

Planting Zone	Dominance	Vegetation Quality
1 Bed 2 Lower Bank	L Limited O Occasional	These columns show the five different quality leaves
	C Common	1 Very low Highly 2 Low Highly

ns show the species expected to be present in areas of vegetation at quality levels.

 C Occasional
 1 Very low
 Highly degraded with limited social and amenity values

 C Common
 1 Very low
 Highly modified, fragmented and meets social and amenity requirements

 D Dominant
 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 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

53-61GIP

Botanical name	Common name	P	lantir	ng zon	e	Dominance	١	/eget	ation	Qualit	у	Comments	Most suitable for	EVC Benchmarl
		1	2	3	4		5	4	3	2	1		replanting	
Rubus parvifolius	Small-leaf Bramble					с	٠	٠				Reliable and robust provides good low habitat.		
Senecio minimus	Shrubby Groundsel					0	٠	٠	•			Disturbance and post fire coloniser		
Stellaria angustifolia	Swamp Starwort					0	٠	•				Not usually planted		•
Urtica incisa	Scrub Nettle					0	•	•	•			Usually not planted but often a dominant component of ground flora and competitive after disturbance		
SEMI AQUATIC AND AQUATIC H	ERBS													
Baumea rubiginosa	Soft Twig-rush	•				0	٠	•	٠			Often confused with Baumea arthropylla - use local material - reliable and robust.		•
Bolboschoenus medianus	River Club-sedge					0	٠	٠	•	٠	٠	Reliable and robust - Dormant in winter	•	
Cladium procerum	Leafy Twig-sedge					0	٠	•				Reliable and robust		
Crassula helmsii	Swamp Crassula					с	٠	•	•	٠		Reliable and robust	•	•
Cyperus lucidus	Leafy Flat Sedge					0	٠	٠	٠	٠		Reliable and robust	•	
Eleocharis acuta	Common Spike-rush					с	٠	•	•	٠	٠	Reliable and robust	•	•
Gratiola peruviana	Austral Brooklime					0	٠	٠				Reliable with good site preparation		
Hydrocotyle sibthorpioides	Shining Pennywort					0	٠	٠				Reliable with good site preparation		
Hydrocotyle tripartita	Slender Pennywort					0	•	٠				Reliable with good site preparation		
Juncus procerus	Tall Rush					D	٠	٠	•	٠	٠	Reliable and robust	•	•
Lepidosperma longitudinale	Pithy Sword-sedge					0	٠	•	•			Previously not available, recent advances in propagation may see an increase in availability		
Lobelia anceps	Angled Lobelia					0	٠	٠				Reliable with good site preparation		•
Lycopus australis	Australian Gipsywort					0	•	•	•			Reliable with good site preparation		•
Lythrum salicaria	Purple Loosestrife					0	•	•	•			Reliable with good site preparation		•
Myriophyllum crispatum	Upright Water-milfoil					0	٠	٠	•			Reliable and robust		
Persicaria decipiens	Slender Knotweed					0	٠	٠	•	٠	٠	Reliable and robust	•	
Persicaria praetermissa	Spotted Knotweed					0	٠	•	•	٠	٠	Reliable and robust	•	•
Persicaria subsessilis	Hairy Knotweed					0	٠	٠	٠			Reliable and robust		
Phragmites australis	Common Reed					0	٠	•	٠	٠		Reliable and robust	•	•
Schoenoplectus tabernaemontani	River Club-rush					с	٠	•	•	٠	٠	Reliable and robust	•	
<i>Triglochin procerum</i> sens. lat. (broad erect leaves)	Upright Water Ribbons					0	٠	•	٠			Reliable and robust		•
Villarsia reniformis	Running Marsh-flower					с	٠	•				Reliable but requires good site preparation		

Key

Planting Zone	Vegetation Q	nce Veg	Juality
1 Bed 2 Lower Bank	five different e		is show the species expected to be present in areas of vegetation at quality levels.
3 Upper Bank 4 Verge	t 3 Medium 4 High	inant 3	Highly degraded with limited social and amenity values Highly modified, fragmented and meets social and amenity requirements Fragmented remnants Relatively intact, structural vegetation elements present with high connectivity 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

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.





Zone





53-61stz

Botanical name	Common name	P	Planting zone		Dominance	١	/egeta	ation (Qualit	у	Comments	Most suitable for		
		1	2	3	4		5	4	3	2	1		replanting	
TREES														
Acacia melanoxylon	Blackwood					0	•	٠	٠	٠	٠	Occurs in low numbers on slightly raised ground	•	
Eucalyptus ovata var. ovata	Swamp Gum					0	٠	٠	٠	٠	٠	Occurs in low numbers on slightly raised ground	٠	
Leptospermum lanigerum	Wooly Tea-tree					D	•	٠	٠	٠	٠	Reliable and robust	٠	
Melaleuca ericifolia	Swamp Paperbark					D	•	•	٠	٠	٠	Dominant plant in this EVC providing habitat structure	•	•
SMALL TREES/LARGE - MEDIUM	SHRUBS & VINES													
Acacia verticillata ssp. verticillata	Prickly Moses					о	•	•	•	•	•	Reliable and robust	•	
Calystegia sepium	Large Bindweed					L	•	•	٠			Not usually planted		•
Coprosma quadrifida	Prickly Currant-bush					0	•	•	٠	•		Reliable and robust	•	•
Leptospermum continentale	Prickly Tea-tree					ο	•	•	٠	٠	٠	Reliable and robust	•	•
Ozothamnus ferrugineus	Tree Everlasting					с	•	•	•	•	•	Reliable and robust	•	
GRASSES, SEDGES DICOT HERBS	and FERNS													
Acaena novae-zelandiae	Bidgee-widgee					D	•	•	•	•	•	Reliable with good site preparation	•	
Alternanthera denticulata	Lesser Joyweed					0	•	•	٠			Coloniser - Not usually planted		
Notodanthonia semiannularis	Wetland Wallaby grass					о	•	•	•			Reliable with good site preparation		
Apium prostatum ssp. prostratum var. prostratum	Sea Celery	•				0	•	•				Reliable with good site preparation		
Blechnum cartilagineum	Gristle Fern					0	٠	٠				Not usually planted		•
Blechnum minus	Soft Water fern					L	•	٠				Not usually planted		
Carex appressa	Tall Sedge					D	•	٠	٠	٠	٠	Reliable and robust	•	
Carex fascicularis	Tassel Sedge					с	•	•	٠	٠	٠	Reliable and robust	•	
Carex gaudichudiana	Fen Sedge					0	•	٠	٠			Reliable with good site preparation		
Centella cordifolia	Centella					0	•	•	٠			Reliable with good site preparation		
Deyeuxia quadriseta	Reed Bent-grass					0	•	•	٠			Reliable with good site preparation		
Dichondra repens	Kidney-weed					0	•	٠	٠			Reliable with good site preparation		
Epilobium pallidiflorum	Showy Willow-herb					0	•	•	•			Coloniser - Not usually planted		
Gahnia radula	Thatch Saw-sedge					0	•	•				Cannot be propagated in useable quantities		•
Gahnia sieberiana	Red-fruit Saw-sedge					0	•	•	•			Reliable and robust		
Goodenia humilis	Swamp Goodenia					с	٠	٠				Reliable with good site preparation		
Hydrocotyle pterocarpa	Wing Pennywort					ο	٠	٠				Not usually planted		•
Juncus gregiflorus	Green Rush					с	٠	٠	•	٠	٠	Reliable and robust	•	•
Juncus australis	Astral Rush					с	٠	٠	٠	٠	٠	Reliable and robust	•	
Lachnagrostis filiformis (perennial variety)	Wetland Blown-grass					0	•	•	•			Coloniser - Not usually planted		
Lobelia pedunculata s.l.	Matted Pratia					0	•	٠				Not usually planted		
Microlaena stipoides var. stipoides	Weeping Grass					0	٠	٠	٠	•		Maintain remnants by controlling grassy weeds	•	
Poa labillardierei var. labillardierei	Common Tussock-grass					0	٠	•	٠	٠	•	Reliable and robust if used in damp area	•	•
Poa tenera	Slender Tussock-grass					0	٠	٠				Not usually planted		

Key

Planting Zone

2 Lower Bank

3 📕 Upper Bank 4 Verge

1 Bed

Do	minance	Vegetation Quality
L	Limited	These columns show t

O Occasional

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

C Common D Dominant

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

53-61stz

Botanical name	Common name	P	Planting zone			Dominance	١	/egeta	ation	Qualit	у	Comments		EVC r Benchmark
		1	2	3	4		5	4	3	2	1		replanting	
Rubus parvifolius	Small-leaf Bramble					с	٠	٠				Reliable and robust, provides good low habitat		
Senecio minimus	Shrubby Groundsel					0	٠	٠	٠			Disturbance and post fire coloniser		
Stellaria angustifolia	Swamp Starwort					0	•	٠				Not usually planted		•
Urtica incisa	Scrub Nettle					0	•	•	•			Usually not planted but often a dominant component of ground flora and competitive after disturbance		
SEMI AQUATIC AND AQUATIC H	ERBS													
Baumea rubiginosa s.l.	Soft Twig-rush	•				0	•	•	٠			Often confused with Baumea arthropylla - use local material - reliable and robust.		•
Bolboschoenus medianus	River Club-sedge					0	٠	٠	•	٠	٠	Reliable and robust - Dormant in winter	•	
Cladium procerum	Leafy Twig-sedge					0	•	•				Reliable and robust		
Crassula helmsii	Swamp Crassula					с	•	٠	•	٠		Reliable and robust	•	•
Cyperus lucidus	Leafy Flat Sedge					0	٠	٠	٠	٠		Reliable and robust	•	
Eleocharis acuta	Common Spike-rush					с	٠	٠	•	٠	٠	Reliable and robust	•	•
Gratiola peruviana	Austral Brooklime					0	٠	٠				Reliable with good site preparation		
Hydrocotyle sibthorpioides	Shining Pennywort					0	•	٠				Reliable with good site preparation		
Hydrocotyle tripartita	Slender Pennywort					0	٠	٠				Reliable with good site preparation		
Juncus procerus	Tall Rush					D	•	٠	•	٠	٠	Reliable and robust	•	•
Lepidosperma longitudinale	Pithy Sword-sedge					0	•	٠	•			Previously not available, recent advances in propagation may see an increase in availability		
Lobelia anceps	Angled Lobelia					0	•	٠				Reliable with good site preparation		•
Lycopus australis	Australian Gipsywort					0	•	٠	•			Reliable with good site preparation		•
Lythrum salicaria	Purple Loosestrife					0	•	٠	•			Reliable with good site preparation		•
Myriophyllum crispatum	Upright Water-milfoil					0	٠	٠	•			Reliable and robust		
Persicaria decipiens	Slender Knotweed					0	•	٠	٠	٠	٠	Reliable and robust	•	
Persicaria praetermissa	Spotted Knotweed					0	٠	٠	٠	٠	٠	Reliable and robust	•	•
Persicaria subsessilis	Hairy Knotweed					0	•	٠	٠			Reliable and robust		
Phragmites australis	Common Reed					0	•	٠	٠	٠		Reliable and robust	•	•
Schoenoplectus tabernaemontani	River Club-rush					с	•	٠	٠	٠	٠	Reliable and robust	•	
<i>Triglochin procerum</i> sens. lat. (broad erect leaves)	Upright Water Ribbons					0	•	•	•			Reliable and robust		•
Villarsia reniformis	Running Marsh-flower					с	٠	٠				Reliable but requires good site preparation		

Key

Planting Zone	Dominance	Vegetation Quality							
1 Bed 2 Lower Bank	L Limited O Occasional	These columns show the species ex five different quality levels.							
3 Upper Bank	C Common	1 Very low Highly degraded wit 2 Low Highly modified, frag							
4 Verge	D Dominant	3 MediumFragmented remnan4 HighRelatively intact, stru							

xpected to be present in areas of vegetation at ith limited social and amenity values agmented and meets social and amenity requirements

nts

 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

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





53-62GIP

Botanical name	Common name	P	Plantir	ng zone	è	Dominance	١	/ege	tation	Qua	ality	Comments	Most suitable for	
		1	2	3	4		5	4	3	2	2	1	replanting	
LARGE SHRUB														
Melaleuca ericifolia	Swamp Paperbark					D	•	•	•			Reliable and robust	•	•
MEDIUM SHRUBS & VINES														
Rhagodia candolleana ssp. candolleana	Seaberry Saltbush		•			с	٠	•	•	•		Reliable and robust	•	•
Atriplex cinerea	Coast Saltbush					0	•	•	•			Reliable and robust		•
SMALL SHRUBS, GRASSES, SEDGE	ES DICOT HERBS and FERNS	;												
Apium prostratum ssp. prostratum	Sea Celery					ο	٠	•	•			Reliable with good site preparation		•
Apodasmia brownii	Coarse Twine-rush					L	٠	•	•			Reliable but slow growing - limited availability		
Atriplex paludosa	Marsh Saltbush					0	•	•	•			Reliable and robust - limited availability		
Austrostipa stipoides	Prickly Spear-grass					0	•	•	•			Reliable and robust - limited availability		
Baumea juncea	Bare Twig-sedge					L	•	•	•			Reliable but slow growing - limited availability		
Chenopodium glaucum	Glaucous Goosefoot					о	٠	•	•			Not generally available		•
Clematis microphylla	Small-leaf Clematis					0	٠	•	•			Reliable - best growing over another plant	•	
Dianella brevicaulis	Small-flower Flax-lily					L	٠	•	•			Reliable and robust - use in fresher margins	•	
Dispyma crassifolium	Rounded Noon-flower					с	•	•	•			Reliable and robust	•	
Distichlis distichophylla	Australian Salt-grass					с	٠	•	•			Reliable and robust	•	•
Ficinia nodosa	Knobby Club-sedge					с	٠	•	•			Reliable and robust	•	•
Gahnia filum	Chaffy Saw-sedge					0	٠	•	•			Reliable and robust - limited availability		
Gahnia trifida	Coast Saw-sedge					0	•	•	•			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					с	٠	•	•			Coloniser - Not usually planted		
Poa labillardierei	Common Tussock-grass					0	٠	•	•			Reliable and robust		•
Poa poiformis	Blue Tussock-grass					с	٠	•	•			Reliable and robust	•	•
Samolus repens	Creeping Brookweed					с	•	•	•			Reliable with good site preparation		•
Sarcocornia quinqueflora	Beaded Glasswort					с	•	•	•			Reliable and robust	•	•
Selliera radicans	Shiny Swamp-mat					с	•	•	•			Reliable and robust	•	•
Suadea australis	Austral Seablite					с	٠	•	•			Reliable and robust	•	
Tetragonia implexicoma	Bower Spinach					0	٠	•	•			Reliable and robust - limited availability		
Triglochin striatum	Streaked Arrow-grass					с	٠	•	•			Reliable and robust	•	

Key

Planting Zone

2 Lower Bank

3 📕 Upper Bank 4 Verge

1 Bed

L Limited

O Occasional

C Common

D Dominant

Dominance	Vegetation Quality
-----------	--------------------

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

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

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



healthy waterways

191GIP

Botanical name	Common name	P	lantir	ng zon	e	Dominance				Qualit	у	Comments	Most suitable for replanting	
		1	2	3	4		5	4	3	2	1		replanting	
LARGE SHRUBS														
Leptospermnum continentale	Prickly Tea-tree					с	٠	•	•	٠	٠	Reliable and robust	•	•
Leptospermum lanigerum	Woolly Tea-tree					0	٠	•	٠	٠		Reliable and robust	•	
Melaleuca squarrosa	Scented Paperbark					D	٠	٠	٠	٠	٠	Reliable and robust	•	٠
MEDIUM SHRUBS & VINES														
Acacia verticillata	Prickly Moses					с	•	•	•	•		Reliable and robust	•	•
Banksia marginata	Silver Banksia					L	•	•	•			Reliable and robust - increase use if in occurs local area		
Billardiera scandens	Common Apple-berry					0	•	•	•			Reliable with good site preparation		•
Bursaria spinosa ssp. spinosa	Sweet Bursaria					0	٠	•	٠	•		Reliable and robust	•	
Cassinia aculeata	Common Cassinia					с	٠	•	•	٠		Reliable and robust	•	
Cassytha glabella	Slender Dodder-laurel					0	٠	•				Parasitic plant - not propagated		•
Coprosma quadrifida	Prickly Currant-bush					с	٠	•	•	٠		Reliable and robust	•	•
Gleichenia microphylla	Scrambling Coral-fern					с	٠	•				Not usually planted		•
Goodenia ovata	Hop Goodenia					с	•	•	•	٠	٠	Reliable and robust	•	
Hakea nodosa	Yellow Hakea					L	•	•	٠			Reliable and robust - increase use if in occurs local area		
Olearia lirata	Showy Daisy-bush					с	•	•	•	•		Reliable and robust	•	
Ozothamnus ferrugineus	Tree Everlasting					с	٠	•	٠	٠	٠	Reliable and robust	•	•
Ozothamnus rosmarinifolius	Rosemary Everlasting					0	٠	٠	٠	٠		Reliable and robust	•	٠
SMALL SHRUBS, GRASSES, SEDG	ES DICOT HERBS and FERN	s												
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	•	•	•	٠		Reliable and robust - increase use if in occurs local area	•	
Baumea tetragona	Square Twig-rush	•				0	•	•				Reliable but usually not propagated - increase use if in occurs local area		•
Bolboschoenus medianus	River Club-sedge					0	٠	٠	•	٠	٠	Dormant in winter	•	
Carex appressa	Tall Sedge					с	٠	٠	•	٠	٠	Reliable and robust	•	
Carex fascicularis	Tassel Sedge					0	•	•	•	•		Reliable and robust	•	
Carex tereticaulis	Hollow Sedge					0	•	•	•			Reliable and robust		
Cyperus lucidus	Leafy Flat-sedge					0	•	•	•	•		Reliable and robust	•	
Eleocharis acuta	Common Spike-rush					с	•	•	•	•	•	Reliable and robust	•	
Empodisma minus	Spreading Rope-rush					0	•	•				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	٠	•	•	٠		Reliable and robust	•	•
Gonocarpus tetragynus	Common Raspwort					0	•	•	•			Reliable but usually not propagated - increase use if in occurs local area		•
Juncus pallidus	Pale Rush					0	•	٠	•			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					с	•	•	•			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					с	٠	٠	٠			Maintain remnants by controlling grassy weeds		

Key

Planting Zone Dominance L Limited 1 Bed 2 Lower Bank **O** Occasional C Common 3 📕 Upper Bank 4 Verge D Dominant

Vegetation Quality

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

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

Most suitable for replanting

EVC Benchmark

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 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.

|--|

Botanical name	Common name	F	Planting zone			Dominance	١	/egeta	ation	Qualit	у	Comments	Most suitable for	EVC Benchmark
		1	2	3	4		5	4	3	2	1		replanting	
Notodanthonia semiannularis	Wetland Wallaby-grass					0	•	٠	•			Reliable and robust		
Oxalis exilis	Shady Wood-sorrel					0	•	٠				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					с	•	٠	•			Reliable and robust if used in damp area		
Pteridium esculentum	Austral Bracken					с	•	٠	•	٠	٠	Not usually planted		•
Schoenus brevifolius	Zig-zag Bog-sedge	•				0	•	•	•			Reliable but usually not propagated - increase use if in occurs local area		•
Selaginella uliginosa	Swamp Selaginella					0	•	٠				Not usually planted		•
SEMI AQUATIC AND AQUATIC	HERBS													
Crassula helmsii	Swamp Crassula					с	٠	٠	٠			Reliable and robust		
Hydrocotyle sibthorpioides	Shining Pennywort					0	٠	٠				Reliable but requires good site preparation.		
Lobelia anceps	Angled Lobelia					0	•	•				Reliable but requires good site preparation.		
Myriophyllum crispatum	Upright Water-milfoil					0	٠	٠	٠			Reliable but requires good site preparation.		
Persicaria decipiens	Slender Knotweed					0	٠	•	•	٠		Reliable and robust	•	
Persicaria subsessilis	Hairy Knotweed					0	•	•	•			Reliable and robust		
Triglochin striatum	Streaked Arrowgrass					с	•	•	•			Reliable and robust		
Villarsia reniformis	Running Marsh-flower					0	٠	٠	٠			Reliable but requires good site preparation.		

Key

2							
Planting Zone	Do	ominance	Vegetation (Quality	Most suitable for replanting		
 Bed Lower Bank Upper Bank Verge 	с	Limited Occasional Common Dominant	These column five different 1 Very low 2 Low 3 Medium 4 High 5 Very high	is show the species expected to be present in areas of vegetation at quality levels. Highly degraded with limited social and amenity values Highly modified, fragmented and meets social and amenity requirements Fragmented remnants Relatively intact, structural vegetation elements present with high connectivity Intact with all structural vegetation elements present and high connectivity	Plants listed in this column are sp cultivated in nurseries with indig skills, reliable in revegetation with rate of 95% or greater three yea assumes that a high quality plan plant standard) and that weed m is undertaken with appropriate sl		

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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



191stz

Botanical name	Common name	Р	Planting zone			Dominance	٧	/egeta	ation (Qualit	у	Comments		EVC Benchmark
		1	2	3	4		5	4	3	2	1		replanting	
LARGE SHRUBS														
Leptospermnum continentale	Prickly Tea-tree					с	٠	•	٠	٠	•	Reliable and robust	•	•
Leptospermum lanigerum	Woolly Tea-tree					0	٠	•	٠	٠		Reliable and robust	•	
Melaleuca squarrosa	Scented Paperbark					D	٠	٠	٠	٠	٠	Reliable and robust	•	•
MEDIUM SHRUBS & VINES														
Acacia verticillata	Prickly Moses					с	•	•	•	٠		Reliable and robust	•	•
Banksia marginata	Silver Banksia					L	٠	٠	•			Reliable and robust - increase use if in occurs local area		•
Billardiera scandens	Common Apple-berry					0	•	•	•			Reliable with good site preparation		
Bursaria spinosa ssp. spinosa	Sweet Bursaria					ο	٠	•	٠	٠		Reliable and robust	•	
Cassinia aculeata	Common Cassinia					с	•	٠	٠	•		Reliable and robust	•	
Cassytha glabella	Slender Dodder-laurel					0	•	•				Parasitic plant - not propagated		٠
Coprosma quadrifida	Prickly Currant-bush					с	٠	٠	٠	٠		Reliable and robust	•	
Gleichenia microphylla	Scrambling Coral-fern					с	٠	•				Not usually planted		
Goodenia ovata	Hop Goodenia					с	•	•	٠	٠	٠	Reliable and robust	•	
Hakea nodosa	Yellow Hakea					L	٠	•	•			Reliable and robust - increase use if in occurs local area		
Olearia lirata	Showy Daisy-bush					с	•	•	٠	٠		Reliable and robust	•	
Ozothamnus ferrugineus	Tree Everlasting					с	٠	•	٠	٠	٠	Reliable and robust	•	
Ozothamnus rosmarinifolius	Rosemary Everlasting					0	•	٠	٠	٠		Reliable and robust	•	•
SMALL SHRUBS, GRASSES, SEDG	ES DICOT HERBS and FERM	٩S												
Amperea xiphoclada var. xiphoclada	Broom Spurge			•		OD	٠	•	•			Reliable but usually not propagated - increase use if in occurs local area		
Baloskion tetraphyllum ssp. tetraphyllum	Tassel Cord-rush	•				OD	•	•	•	٠		Reliable and robust - increase use if in occurs local area	•	•
Baumea tetragona	Square Twig-rush					0	•	•				Reliable but usually not propagated - increase use if in occurs local area		•
Bolboschoenus medianus	River Club-sedge					0	•	•	•	•	•	Dormant in winter	•	
Carex appressa	Tall Sedge					с	•	•	•	٠	•	Reliable and robust	•	
Carex fascicularis	Tassel Sedge					0	•	•	•	٠		Reliable and robust	•	
Carex tereticaulis	Hollow Sedge					0	•	•	•			Reliable and robust		
Cyperus lucidus	Leafy Flat Sedge					0	•	•	•	•		Reliable and robust	•	
Eleocharis acuta	Common Spike-rush					с	•	•	•	•	•	Reliable and robust	•	
Empodisma minus	Spreading Rope-rush					0	•	•				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					0	•	•	•			Reliable but usually not propagated - increase use if in occurs local area		
Juncus pallidus	Pale Rush					ο	٠	٠	•			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					с	•	•	•			Previously not available, recent advances in propagation may see an increase in availability		
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Microlaena stipoides var. stipoides	Weeping Grass					с	٠	٠	٠			Maintain remnants by controlling grassy weeds		

Key

Planting Zone

2 Lower Bank

3 📕 Upper Bank 4 Verge

1 Bed

Dominance

L Limited

O Occasional

C Common

D Dominant

Vegetation Quality

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Most suitable for replanting

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191stz

Botanical name	Common name	Planting zone				Dominance	١	/eget	ation	Quali	ty	Comments		EVC r Benchmark
		1	2	3	4		5	4	3	2	1		replanting	
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Pteridium esculentum	Austral Bracken					с	•	٠	•	•	٠	Not usually planted		
Schoenus brevifolius	Zig-zag Bog-sedge	•	-			0	•	•	•			Reliable but usually not propagated - increase use if in occurs local area		•
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Myriophyllum crispatum	Upright Water-milfoil					0	•	•	•			Reliable but requires good site preparation		
Persicaria decipiens	Slender Knotweed					0	•	٠	•	•		Reliable and robust	•	
Persicaria subsessilis	Hairy Knotweed					0	•	•	•			Reliable and robust		
Triglochin striatum	Streaked Arrowgrass					с	٠	٠	•			Reliable and robust		
Villarsia reniformis	Running Marsh-flower					0	٠	٠	٠			Reliable but requires good site preparation		•

Key

Planting Zone Dominance			v	/egetation Quality										
 Bed Lower Bank Upper Bank Verge 	L O C D	Limited Occasional Common Dominant	fiv 1 2 3 4	hese columns show the species expected to be present in areas of vegetation at ve different quality levels. Very low Highly degraded with limited social and amenity values Low Highly modified, fragmented and meets social and amenity requirements Medium Fragmented remnants Relatively intact, structural vegetation elements present with high connectivity Very high Intact with all structural vegetation elements present and high connectivity	 									

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