

# EVC/Bioregion Benchmark for Vegetation Quality Assessment

## Gippsland Plain bioregion

### EVC 164: Creekline Herb-rich Woodland

#### Description:

Woodland or open forest to 15 m tall occurring on creek terraces and along shallow drainage lines with ephemeral flows. Soils are mostly alluvial deposits of seasonally wet sands and silts. Characterised by a sparse shrub layer above a grassy/sedgy understorey, often rich in herbs within the inter-tussock spaces.

#### Large trees:

Species	DBH(cm)	# / ha
<i>Eucalyptus</i> spp.	70 cm	10 / ha

#### Tree Canopy Cover:

%cover	Character Species	Common Name
20%	<i>Eucalyptus viminalis</i>	Manna Gum
	<i>Eucalyptus ovata</i>	Swamp Gum

#### Understorey:

Life form	#Spp	%Cover	LF code
Immature Canopy Tree		5%	IT
Understorey Tree or Large Shrub	2	10%	T
Medium Shrub	5	15%	MS
Large Herb	2	1%	LH
Medium Herb	5	5%	MH
Small or Prostrate Herb	1	1%	SH
Large Tufted Graminoid	3	15%	LTG
Large Non-tufted Graminoid	1	5%	LNG
Medium to Small Tufted Graminoid	2	5%	MTG
Medium to Tiny Non-tufted Graminoid	2	10%	MNG
Ground Fern	2	20%	GF
Bryophytes/Lichens	na	20%	BL

#### LF Code

#### Species typical of at least part of EVC range

#### Common Name

T	<i>Acacia melanoxylon</i>	Blackwood
MS	<i>Leptospermum continentale</i>	Prickly Tea-tree
MS	<i>Ozothamnus ferrugineus</i>	Tree Everlasting
MS	<i>Cassinia aculeata</i>	Common Cassinia
LH	<i>Senecio minimus</i>	Shrubby Fireweed
LH	<i>Senecio linearifolius</i>	Fireweed Groundsel
MH	<i>Lobelia anceps</i>	Angled Lobelia
MH	<i>Senecio</i> sp. aff. <i>tenuiflorus</i>	Beaked Fireweed
SH	<i>Oxalis exilis</i>	Shady Wood-sorrel
LTG	<i>Lomandra longifolia</i>	Spiny-headed Mat-rush
LTG	<i>Lepidosperma laterale</i> var. <i>majus</i>	Variable Sword-sedge
LTG	<i>Poa labillardierei</i>	Common Tussock-grass
LNG	<i>Gahnia radula</i>	Thatch Saw-sedge
MTG	<i>Poa clelandii</i>	Noah's Ark
MNG	<i>Microlaena stipoides</i> var. <i>stipoides</i>	Weeping Grass
MNG	<i>Poa tenera</i>	Slender Tussock-grass
MNG	<i>Imperata cylindrica</i>	Blady Grass
GF	<i>Pteridium esculentum</i>	Austral Bracken
GF	<i>Adiantum aethiopicum</i>	Common Maidenhair
SC	<i>Glycine clandestina</i>	Twining Glycine

#### Recruitment:

Continuous

#### Organic Litter:

20 % cover

#### Logs:

10 m/0.1 ha.

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### Weediness:

LF Code	Typical Weed Species	Common Name	Invasive	Impact
MS	<i>Chrysanthemoides monilifera</i>	Boneseed	high	high
MS	<i>Rubus</i> sp. aff. <i>armeniacus</i>	Blackberry	high	high
LH	<i>Plantago lanceolata</i>	Ribwort	high	low
LH	<i>Crepis capillaris</i>	Smooth Hawksbeard	high	low
LH	<i>Sonchus oleraceus</i>	Common Sow-thistle	high	low
LH	<i>Cirsium vulgare</i>	Spear Thistle	high	high
MH	<i>Hypochoeris radicata</i>	Cat's Ear	high	low
MH	<i>Oxalis pes-caprae</i>	Soursob	high	high
MH	<i>Cerastium glomeratum</i> s.l.	Common Mouse-ear Chickweed	high	low
MH	<i>Trifolium dubium</i>	Suckling Clover	high	low
MH	<i>Centaurium erythraea</i>	Common Centaury	high	low
SH	<i>Trifolium repens</i> var. <i>repens</i>	White Clover	high	low
LTG	<i>Watsonia meriana</i> var. <i>bulbillifera</i>	Bulbil Watsonia	high	high
LNG	<i>Holcus lanatus</i>	Yorkshire Fog	high	high
MTG	<i>Anthoxanthum odoratum</i>	Sweet Vernal-grass	high	high
MTG	<i>Romulea rosea</i>	Onion Grass	high	low
MTG	<i>Gladiolus undulatus</i>	Wild Gladiolus	high	low
MTG	<i>Agrostis capillaris</i> s.l.	Brown-top Bent	high	high
MTG	<i>Poa annua</i>	Annual Meadow-grass	high	low
MTG	<i>Paspalum dilatatum</i>	Paspalum	high	high
MTG	<i>Ehrharta longiflora</i>	Annual Veldt-grass	high	low
MTG	<i>Ehrharta erecta</i> var. <i>erecta</i>	Panic Veldt-grass	high	high
MTG	<i>Briza maxima</i>	Large Quaking-grass	high	low
MNG	<i>Dactylis glomerata</i>	Cocksfoot	high	high
MNG	<i>Aira caryophyllea</i>	Silvery Hair-grass	high	low
SC	<i>Vicia sativa</i>	Common Vetch	high	low

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