

EVC/Bioregion Benchmark for Vegetation Quality Assessment

Gippsland Plain bioregion

EVC 937: Swampy Woodland

Description:

Open eucalypt woodland to 15 m tall with ground-layer dominated by tussock grasses and/or sedges and often rich in herbs. Occurs on poorly drained, seasonally waterlogged heavy soils, primarily on swamp deposits but extending to suitable substrates within some landscapes of sedimentary origin.

Large trees:

Species	DBH(cm)	#/ha
<i>Eucalyptus</i> spp.	70 cm	15 / ha

Tree Canopy Cover:

%cover	Character Species	Common Name
15%	<i>Eucalyptus ovata</i>	Swamp Gum
	<i>Eucalyptus cephalocarpa</i> s.s.	Mealy Stringybark
	<i>Eucalyptus radiata</i> s.l.	Narrow-leaf Peppermint
	<i>Eucalyptus obliqua</i>	Messmate Stringybark

Understorey:

Life form	#Spp	%Cover	LF code
Immature Canopy Tree		5%	IT
Understorey Tree or Large Shrub	1	5%	T
Medium Shrub	2	20%	MS
Medium Herb	5	10%	MH
Small or Prostrate Herb	3	10%	SH
Large Tufted Graminoid	4	30%	LTG
Large Non-tufted Graminoid	2	10%	LNG
Medium to Small Tufted Graminoid	4	10%	MTG
Bryophytes/Lichens	na	20%	BL

LF Code	Species typical of at least part of EVC range	Common Name
T	<i>Melaleuca ericifolia</i>	Swamp Paperbark
MS	<i>Leptospermum continentale</i>	Prickly Tea-tree
MH	<i>Acaena novae-zelandiae</i>	Bidgee-widgee
MH	<i>Centella cordifolia</i>	Centella
MH	<i>Gratiola peruviana</i>	Austral Brooklime
SH	<i>Mazus pumilio</i>	Swamp Mazus
LTG	<i>Gahnia sieberiana</i>	Red-fruit Saw-sedge
LTG	<i>Poa labillardierei</i>	Common Tussock-grass
LTG	<i>Carex appressa</i>	Tall Sedge
LNG	<i>Gahnia radula</i>	Thatch Saw-sedge
LNG	<i>Phragmites australis</i>	Common Reed
MTG	<i>Schoenus apogon</i>	Common Bog-sedge
MTG	<i>Lepidosperma laterale</i>	Variable Sword-sedge
MNG	<i>Poa tenera</i>	Slender Tussock-grass
MNG	<i>Juncus holoschoenus</i>	Joint-leaf Rush

Recruitment:

Continuous

Organic Litter:

20 % cover

Logs:

15 m/0.1 ha.

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Weediness:

LF Code	Typical Weed Species	Common Name	Invasive	Impact
MS	<i>Rubus</i> sp. aff. <i>armeniacus</i>	Blackberry	high	high
MH	<i>Hypochoeris radicata</i>	Cat's Ear	high	low
LNG	<i>Holcus lanatus</i>	Yorkshire Fog	high	high
MTG	<i>Anthoxanthum odoratum</i>	Sweet Vernal-grass	high	high

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