

# EVC/Bioregion Benchmark for Vegetation Quality Assessment

## Gippsland Plain bioregion

### EVC 29: Damp Forest

#### Description:

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

#### Large trees:

Species	DBH(cm)	#/ha
Eucalyptus spp.	90 cm	20 / ha

#### Tree Canopy Cover:

%cover	Character Species	Common Name
40%	Eucalyptus obliqua	Messmate Stringybark
	Eucalyptus cypellocarpa	Mountain Grey-gum

#### Understorey:

Life form	#Spp	%Cover	LF code
Immature Canopy Tree		5%	IT
Understorey Tree or Large Shrub	3	20%	T
Medium Shrub	9	25%	MS
Small Shrub	2	5%	SS
Prostrate Shrub	1	1%	PS
Large Herb	2	1%	LH
Medium Herb	6	10%	MH
Small or Prostrate Herb	1	1%	SH
Large Tufted Graminoid	3	5%	LTG
Large Non-tufted Graminoid	1	5%	LNG
Medium to Small Tufted Graminoid	3	5%	MTG
Medium to Tiny Non-tufted Graminoid	1	1%	MNG
Ground Fern	3	20%	GF
Tree Fern	1	5%	TRF
Scrambler or Climber	4	10%	SC
Bryophytes/Lichens	na	20%	BL

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LF Code	Species typical of at least part of EVC range	Common Name
T	<i>Pomaderris aspera</i>	Hazel Pomaderris
T	<i>Bedfordia arborescens</i>	Blanket-leaf
MS	<i>Coprosma quadrifida</i>	Prickly Currant-bush
MS	<i>Goodenia ovata</i>	Hop Goodenia
MS	<i>Polyscias sambucifolia</i>	Elderberry Panax
MS	<i>Leucopogon lanceolatus</i> var. <i>lanceolatus</i>	Lance Beard-heath
MH	<i>Viola hederacea</i> sensu Willis (1972)	Ivy-leaf Violet
MH	<i>Gonocarpus teucrioides</i> s.l.	Germander Raspwort
MH	<i>Lagenophora stipitata</i>	Common Bottle-daisy
MH	<i>Poranthera microphylla</i>	Small Poranthera
LTG	<i>Lomandra longifolia</i>	Spiny-headed Mat-rush
LTG	<i>Poa labillardierei</i>	Common Tussock Grass
LNG	<i>Tetrarrhena juncea</i>	Forest Wire-grass
MTG	<i>Dianella tasmanica</i>	Tasman Flax-lily
MTG	<i>Hierochloa rariflora</i>	Cane Holy-grass
MTG	<i>Dianella caerulea</i> var. <i>caerulea</i>	Paroo Lily
MTG	<i>Lepidosperma laterale</i>	Variable Sword-sedge
MNG	<i>Microlaena stipoides</i> var. <i>stipoides</i>	Weeping Grass
GF	<i>Pteridium esculentum</i>	Austral Bracken
GF	<i>Blechnum cartilagineum</i>	Gristle Fern
GF	<i>Polystichum proliferum</i>	Mother Shield-fern
GF	<i>Calochlaena dubia</i>	Common Ground-fern
TRF	<i>Cyathea australis</i>	Rough Tree-fern
SC	<i>Clematis aristata</i>	Mountain Clematis
SC	<i>Billardiera scandens</i>	Common Apple-berry
SC	<i>Smilax australis</i>	Austral Sarsaparilla
SC	<i>Pandorea pandorana</i>	Wonga Vine

## Recruitment:

Continuous

## Organic Litter:

50 % cover

## Logs:

30 m/0.1 ha.

## Weediness:

LF Code	Typical Weed Species	Common Name	Invasive	Impact
MH	<i>Hypochoeris radicata</i>	Cat's Ear	high	low

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