

# EVC/Bioregion Benchmark for Vegetation Quality Assessment Highlands – Far East 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 including occasional tree ferns.

### Large trees:

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

### Tree Canopy Cover:

%cover	Character Species	Common Name
40%	<i>Eucalyptus fastigata</i>	Cut-tail
	<i>Eucalyptus fraxinoides</i>	White Ash
	<i>Eucalyptus cypellocarpa</i>	Mountain Grey-gum
	<i>Eucalyptus obliqua</i>	Messmate Stringybark

### Understorey:

Life form	#Spp	%Cover	LF code
Immature Canopy Tree		5%	IT
Understorey Tree or Large Shrub	3	15%	T
Medium Shrub	10	25%	MS
Small Shrub	2	5%	SS
Large Herb	2	1%	LH
Medium Herb	6	15%	MH
Small or Prostrate Herb	1	1%	SH
Large Tufted Graminoid	2	5%	LTG
Large Non-tufted Graminoid	1	5%	LNG
Medium to Small Tufted Graminoid	4	10%	MTG
Medium to Tiny Non-tufted Graminoid	1	1%	MNG
Ground Fern	4	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>Elaeocarpus reticulatus</i>	Blue Oliveberry
T	<i>Acacia frigescens</i>	Frosted Wattle
MS	<i>Leucopogon lanceolatus</i> var. <i>lanceolatus</i>	Lance Beard-heath
MS	<i>Coprosma quadrifida</i>	Prickly Currant-bush
MS	<i>Polyscias sambucifolia</i>	Elderberry Panax
MS	<i>Cassinia longifolia</i>	Shiny Cassinia
MH	<i>Viola hederacea</i> sensu Willis (1972)	Ivy-leaf Violet
MH	<i>Poranthera microphylla</i>	Small Poranthera
MH	<i>Lagenophora stipitata</i>	Common Bottle-daisy
MH	<i>Gonocarpus teucrioides</i> s.l.	Germander Raspwort
LTG	<i>Lomandra longifolia</i>	Spiny-headed Mat-rush
LNG	<i>Tetrarrhena juncea</i>	Forest Wire-grass
MTG	<i>Hierochloa rariflora</i>	Cane Holy-grass
MTG	<i>Dianella tasmanica</i>	Tasman Flax-lily
MTG	<i>Dianella caerulea</i> var. <i>caerulea</i>	Paroo Lily
MTG	<i>Poa sieberiana</i>	Grey Tussock-grass
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>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>Tylophora barbata</i>	Bearded Tylophora
SC	<i>Smilax australis</i>	Austral Sarsaparilla

#### 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

Published by the Victorian Government Department of Sustainability and Environment December 2004

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