

EVC/Bioregion Benchmark for Vegetation Quality Assessment Highlands – Far East bioregion

EVC 38: Montane Damp Forest

Description:

Grows on a wide range of geologies on well-developed generally colluvial soils on a variety of aspects at 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
<i>Eucalyptus</i> spp.	90 cm	20 / ha

Tree Canopy Cover:

%cover	Character Species	Common Name
40%	<i>Eucalyptus delegatensis</i> ssp. <i>delegatensis</i>	Alpine Ash
	<i>Eucalyptus croajingolensis</i>	Gippsland Peppermint
	<i>Eucalyptus obliqua</i>	Messmate
	<i>Eucalyptus radiata</i> s.l.	Narrow-leaf Peppermint

Understorey:

Life form	#Spp	%Cover	LF code
Immature Canopy Tree		5%	IT
Understorey Tree or Large Shrub	2	15%	T
Medium Shrub	7	25%	MS
Small Shrub	3	10%	SS
Prostrate Shrub	1	1%	PS
Large Herb	3	5%	LH
Medium Herb	8	15%	MH
Small or Prostrate Herb	2	5%	SH
Large Tufted Graminoid	1	1%	LTG
Medium to Small Tufted Graminoid	6	15%	MTG
Medium to Tiny Non-tufted Graminoid	1	1%	MNG
Ground Fern	2	10%	GF
Tree Fern	1	1%	TRF
Scrambler or Climber	1	5%	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>Acacia dealbata</i>	Silver Wattle
T	<i>Acacia melanoxylon</i>	Blackwood
MS	<i>Coprosma hirtella</i>	Rough Coprosma
MS	<i>Cassinia aculeata</i>	Common Cassinia
MS	<i>Olearia phlogopappa</i>	Dusty Daisy-bush
MS	<i>Pimelea axiflora</i>	Bootlace Bush
SS	<i>Hibbertia obtusifolia</i>	Grey Guinea-flower
PS	<i>Persoonia chamaepeuce</i>	Dwarf Geebung
PS	<i>Platylobium formosum</i>	Handsome Flat-pea
PS	<i>Acrotriche serrulata</i>	Honey-pots
LH	<i>Sambucus gaudichaudiana</i>	White Elderberry
LH	<i>Derwentia perfoliata</i>	Digger's Speedwell
LH	<i>Senecio hispidulus</i>	Rough Fireweed
LH	<i>Derwentia derwentiana</i>	Derwent Speedwell
MH	<i>Acaena novae-zelandiae</i>	Bidgee-widgee
MH	<i>Stellaria flaccida</i>	Forest Starwort
MH	<i>Ranunculus scapiger</i>	Hairy Buttercup
SH	<i>Leptinella filicula</i>	Mountain Cotula
SH	<i>Lobelia pedunculata</i> s.l.	Matted Pratia
SH	<i>Hydrocotyle laxiflora</i>	Stinking Pennywort
SH	<i>Scleranthus biflorus</i> s.l.	Twin-flower Knawel
LTG	<i>Lomandra longifolia</i>	Spiny-headed Mat-rush
LTG	<i>Poa helmsii</i>	Tall Tussock-grass
MTG	<i>Poa ensiformis</i>	Sword Tussock-grass
MTG	<i>Dichelachne crinita</i>	Long-hair Plume-grass
MTG	<i>Dianella tasmanica</i>	Tasman Flax-lily
MTG	<i>Austrodanthonia racemosa</i> var. <i>racemosa</i>	Stiped Wallaby-grass
MNG	<i>Microlaena stipoides</i> var. <i>stipoides</i>	Weeping Grass
GF	<i>Polystichum proliferum</i>	Mother Shield-fern
GF	<i>Pteridium esculentum</i>	Austral Bracken
GF	<i>Asplenium flabellifolium</i>	Necklace Fern
TRF	<i>Dicksonia antarctica</i>	Soft Tree-fern
SC	<i>Clematis aristata</i>	Mountain Clematis
SC	<i>Rubus parvifolius</i>	Small-leaf Bramble
SC	<i>Hardenbergia violacea</i>	Purple Coral-pea

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
MH	<i>Taraxacum officinale</i> spp. agg.	Garden Dandelion	high	low
LNG	<i>Holcus lanatus</i>	Yorkshire Fog	high	high

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