

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

## EVC 30: Wet Forest

### Description:

Grows on fertile, well-drained loamy soils on a range of geologies and elevation levels. It is largely restricted to protected sites in gullies and on southern aspects of hills and mountains where rainfall is high and cloud cover at ground level is frequent. Characterised by a tall eucalypt overstorey to 50 m tall with scattered understorey trees over a tall broad-leaved shrubby understorey and a moist, shaded, fern-rich ground layer that is usually dominated by 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 denticulata</i>	Errinundra Shining Gum
	<i>Eucalyptus fastigata</i>	Cut-tail
	<i>Eucalyptus obliqua</i>	Messmate Stringybark
	<i>Eucalyptus regnans</i>	Mountain Ash
	<i>Eucalyptus viminalis</i>	Manna Gum

### Understorey:

Life form	#Spp	%Cover	LF code
Immature Canopy Tree		5%	IT
Understorey Tree or Large Shrub	4	20%	T
Medium Shrub	7	25%	MS
Large Herb	1	1%	LH
Medium Herb	5	15%	MH
Small or Prostrate Herb	1	1%	SH
Large Tufted Graminoid	1	1%	LTG
Large Non-tufted Graminoid	1	1%	LNG
Medium to Small Tufted Graminoid	3	5%	MTG
Medium to Tiny Non-tufted Graminoid	1	1%	MNG
Ground Fern	4	30%	GF
Tree Fern	2	15%	TRF
Epiphyte	1	1%	EP
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>Acacia dealbata</i>	Silver Wattle
T	<i>Acacia melanoxylon</i>	Blackwood
T	<i>Acacia frigescens</i>	Frosted Wattle
T	<i>Olearia argophylla</i>	Musk Daisy-bush
MS	<i>Coprosma quadrifida</i>	Prickly Currant-bush
MS	<i>Polyscias sambucifolia</i>	Elderberry Panax
MS	<i>Pimelea axiflora</i>	Bootlace Bush
MS	<i>Tasmannia lanceolata</i>	Mountain Pepper
MH	<i>Viola hederacea</i> sensu Willis (1972)	Ivy-leaf Violet
MH	<i>Stellaria flaccida</i>	Forest Starwort
MH	<i>Geranium potentilloides</i>	Cinquefoil Cranesbill
MH	<i>Sambucus gaudichaudiana</i>	White Elderberry
LNG	<i>Tetrarrhena juncea</i>	Forest Wire-grass
MTG	<i>Dianella tasmanica</i>	Tasman Flax-lily
MTG	<i>Poa ensiformis</i>	Sword Tussock-grass
MTG	<i>Hierochloe rariflora</i>	Cane Holy-grass
GF	<i>Asplenium bulbiferum</i>	Mother Spleenwort
GF	<i>Polystichum proliferum</i>	Mother Shield-fern
GF	<i>Blechnum wattsii</i>	Hard Water-fern
GF	<i>Histiopteris incisa</i>	Bat's Wing Fern
TRF	<i>Dicksonia antarctica</i>	Soft Tree-fern
TRF	<i>Cyathea australis</i>	Rough Tree-fern
EP	<i>Fieldia australis</i>	Fieldia
SC	<i>Clematis aristata</i>	Mountain Clematis
SC	<i>Smilax australis</i>	Austral Sarsaparilla
SC	<i>Tylophora barbata</i>	Bearded Tylophora

#### Recruitment:

Continuous (excepting Mountain Ash)

#### Organic Litter:

50 % cover

#### Logs:

30 m/0.1 ha.

#### Weediness:

There are no consistent weeds in this EVC.

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

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