

EVC/Bioregion Benchmark for Vegetation Quality Assessment

East Gippsland Uplands bioregion

EVC 133: Limestone Pomaderris Shrubland

Description:

Open woodland to 10 m tall or shrubland with scattered emergent eucalypts to 5 m tall occurring on steep, north facing aspects associated with limestone cliffs with an understorey dominated by medium shrubs. It is found at altitudes of 750 m above sea level and receives a moderate rainfall of approximately over 700 mm per annum.

+ woodland only components (ignore when assessing shrubland areas and standardise final score as appropriate)

Large trees⁺:

Species	DBH(cm)	#/ha
<i>Eucalyptus</i> spp.	60 cm	10 / ha

Tree Canopy Cover⁺:

%cover	Character Species	Common Name
10%	<i>Eucalyptus nortonii</i>	Silver Bundy
	<i>Eucalyptus globulus</i>	Blue Gum
	<i>Eucalyptus viminalis</i>	Manna Gum

Understorey:

Life form	#Spp	%Cover	LF code
Immature Canopy Tree ⁺		5%	IT
Understorey Tree or Large Shrub ⁺	2	10%	T
Medium Shrub	9	45%	MS
Small Shrub	2	1%	SS
Large Herb	5	5%	LH
Medium Herb	10	15%	MH
Small or Prostrate Herb	3	5%	SH
Large Tufted Graminoid	2	5%	LTG
Medium to Small Tufted Graminoid	7	20%	MTG
Scrambler or Climber	3	1%	SC
Bryophytes/Lichens	na	10%	BL
Soil Crust	na	10%	S/C

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LF Code	Species typical of at least part of EVC range	Common Name
T ⁺	<i>Allocasuarina verticillata</i>	Drooping Sheoak
T ⁺	<i>Banksia marginata</i>	Silver Banksia
MS	K v <i>Ozothamnus adnatus</i>	Winged Everlasting
MS	<i>Bursaria spinosa</i> ssp. <i>lasiophylla</i>	Hairy Bursaria
MS	R r <i>Pomaderris oraria</i> ssp. <i>calcicola</i>	Limestone Pomaderris
MS	R r <i>Pomaderris oraria</i>	Bassian Pomaderris
SS	r <i>Pimelea flava</i> ssp. <i>dichotoma</i>	Diosma Rice-flower
SS	<i>Pimelea glauca</i>	Smooth Rice-flower
PS	<i>Astroloma humifusum</i>	Cranberry Heath
LH	<i>Wahlenbergia gracilis</i> s.l.	Sprawling Bluebell
LH	<i>Senecio quadridentatus</i>	Cotton Fireweed
LH	r <i>Arthropodium</i> sp. 1 (robust glaucous)	Tall Vanilla-lily
MH	<i>Oxalis perennans</i>	Grassland Wood-sorrel
MH	<i>Daucus glochidiatus</i>	Australian Carrot
MH	<i>Galium migrans</i>	Wandering Bedstraw
SH	<i>Dichondra repens</i>	Kidney-weed
SH	<i>Hydrocotyle laxiflora</i>	Stinking Pennywort
SH	<i>Convolvulus erubescens</i> spp. agg.	Pink Bindweed
SH	<i>Cymbonotus preissianus</i>	Austral Bear's-ear
LTG	<i>Lomandra longifolia</i>	Spiny-headed Mat-rush
LTG	<i>Austrostipa nodosa</i>	Knotty Spear-grass
LTG	<i>Austrostipa blackii</i>	Crested Spear-grass
MTG	<i>Themeda triandra</i>	Kangaroo Grass
MTG	<i>Carex breviculmis</i>	Common Grass-sedge
MTG	<i>Dianella revoluta</i> s.l.	Black-anther Flax-lily
MTG	<i>Poa labillardierei</i>	Common Tussock-grass
GF	<i>Pleurosorus rutifolius</i> s.l.	Blanket Fern
SC	k <i>Clematis microphylla</i> var. <i>leptophylla</i>	Skeleton Vine
SC	<i>Clematis microphylla</i>	Small-leaved Clematis

Recruitment:

Continuous

Organic Litter:

40 % cover

Logs⁺:

5 m/0.1 ha.

Weediness:

LF Code	Typical Weed Species	Common Name	Invasive	Impact
MS	<i>Rosa rubiginosa</i>	Sweet Briar	low	high
LH	<i>Sonchus oleraceus</i>	Common Sow-thistle	high	low
LH	<i>Cirsium vulgare</i>	Spear Thistle	high	high
LH	<i>Centaurium tenuiflorum</i>	Slender Centaury	high	low
MH	<i>Centaurium erythraea</i>	Common Centaury	high	low
MH	<i>Anagallis arvensis</i>	Pimpernel	high	low
MH	<i>Taraxacum officinale</i> spp. agg.	Garden Dandelion	high	low
MH	<i>Galium murale</i>	Small Goosegrass	high	low
MH	<i>Petrorhagia velutina</i>	Velvety Pink	high	low
MH	<i>Cardamine hirsuta</i> s.l.	Common Bitter-cress	high	low
MH	<i>Stellaria media</i>	Chickweed	high	low
MH	<i>Veronica persica</i>	Persian Speedwell	high	low
MH	<i>Hypochoeris radicata</i>	Cat's Ear	high	low
MTG	<i>Catapodium rigidum</i>	Fern Grass	high	low

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

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