

EVC/Bioregion Benchmark for Vegetation Quality Assessment

Strzelecki Ranges bioregion

EVC 23: Herb-rich Foothill Forest

Description:

Occurs on relatively fertile, moderately well-drained soils on an extremely wide range of geological types and in areas of moderate to high rainfall. Occupies easterly and southerly aspects mainly on lower slopes and in gullies. A medium to tall open forest or woodland to 25 m tall with a small tree layer over a sparse to dense shrub layer. A high cover and diversity of herbs and grasses in the ground layer characterise this EVC.

Large trees:

Species	DBH(cm)	#/ha
Eucalyptus spp.	70 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	2	15%	T
Medium Shrub	5	20%	MS
Large Herb	3	5%	LH
Medium Herb	9	15%	MH
Small or Prostrate Herb	2	5%	SH
Large Tufted Graminoid	3	15%	LTG
Large Non-tufted Graminoid	2	5%	LNG
Medium to Small Tufted Graminoid	3	10%	MTG
Medium to Tiny Non-tufted Graminoid	2	5%	MNG
Ground Fern	2	10%	GF
Scrambler or Climber	3	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	Acacia melanoxylon	Blackwood
MS	Coprosma quadrifida	Prickly Currant-bush
MS	Acacia verniciflua	Varnish Wattle
MS	Ozothamnus ferrugineus	Tree Everlasting
MS	Cassinia longifolia	Shiny Cassinia
LH	Senecio linearifolius	Fireweed Groundsel
LH	Wahlenbergia gracilis s.l.	Sprawling Bluebell
MH	Viola hederacea sensu Willis (1972)	Ivy-leaf Violet
MH	Lagenophora stipitata	Common Bottle-daisy
MH	Acaena novae-zelandiae	Bidgee-widgee
SH	Oxalis corniculata s.l.	Yellow Wood-sorrel
SH	Galium propinquum	Maori Bedstraw
SH	Dichondra repens	Kidney-weed
LTG	Lomandra longifolia	Spiny-headed Mat-rush
LTG	Carex appressa	Tall Sedge
LTG	Poa labillardierei	Common Tussock-grass
LNG	Tetrarrhena juncea	Forest Wire-grass
LNG	Gahnia radula	Thatch Saw-sedge
MTG	Lomandra filiformis	Wattle Mat-rush
MTG	Poa sieberiana	Grey Tussock-grass
MNG	Microlaena stipoides var. stipoides	Weeping Grass
MNG	Echinopogon ovatus	Common Hedgehog-grass
GF	Pteridium esculentum	Austral Bracken
SC	Clematis aristata	Mountain Clematis
SC	Billardiera scandens	Common Apple-berry
SC	Pandorea pandorana	Wonga Vine
SC	Glycine clandestina	Twining Glycine

Recruitment:
Continuous

Organic Litter:
40 % cover

Logs:
20 m/0.1 ha.

Weediness:

LF Code	Typical Weed Species	Common Name	Invasive	Impact
LH	Cirsium vulgare	Spear Thistle	high	high
MH	Hypochoeris radicata	Cat's Ear	high	low
MH	Centaurium erythraea	Common Centaury	high	low
MH	Plantago major	Greater Plantain	high	low
MTG	Anthoxanthum odoratum	Sweet Vernal-grass	high	high

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