

EVC/Bioregion Benchmark for Vegetation Quality Assessment

Strzelecki Ranges bioregion

EVC 151: Plains Grassy Forest

Description:

Open forest to 20 m tall often above a heathy shrub layer and a diverse grassy, sedgy and herbaceous ground layer. Occurs on lowland plains and old river terraces made up of gravelly sandy clays.

Large trees:

Species	DBH(cm)	#/ha
Eucalyptus spp.	70 cm	20 / ha

Tree Canopy Cover:

%cover	Character Species	Common Name
30%	Eucalyptus muelleriana	Yellow Stringybark
	Eucalyptus bridgesiana s.l.	But But
	Eucalyptus obliqua	Messmate
	Eucalyptus radiata s.l.	Narrow-leaf Peppermint

Understorey:

Life form	#Spp	%Cover	LF code
Immature Canopy Tree		5%	IT
Understorey Tree or Large Shrub	3	15%	T
Medium Shrub	6	20%	MS
Small Shrub	3	5%	SS
Prostrate Shrub	2	5%	PS
Large Herb	3	5%	LH
Medium Herb	6	10%	MH
Small or Prostrate Herb	2	5%	SH
Large Tufted Graminoid	2	10%	LTG
Large Non-tufted Graminoid	1	5%	LNG
Medium to Small Tufted Graminoid	4	15%	MTG
Medium to Tiny Non-tufted Graminoid	2	1%	MNG
Ground Fern	2	10%	GF
Bryophytes/Lichens	na	10%	BL

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LF Code	Species typical of at least part of EVC range	Common Name
T	<i>Acacia mearnsii</i>	Black Wattle
T	<i>Acacia implexa</i>	Lightwood
T	<i>Exocarpos cupressiformis</i>	Cherry Ballart
MS	<i>Leptospermum continentale</i>	Prickly Tea-tree
MS	<i>Banksia marginata</i>	Silver Banksia
MS	<i>Kunzea ericoides</i>	Burgan
MS	<i>Melaleuca parvistaminea</i>	Rough-barked Honey-myrtle
SS	<i>Pimelea humilis</i>	Common Rice-flower
SS	<i>Hibbertia riparia</i>	Erect Guinea-flower
SS	<i>Platylobium obtusangulum</i>	Common Flat-pea
SS	<i>Phyllanthus hirtellus</i>	Thyme Spurge
PS	<i>Acrotriche serrulata</i>	Honey-pots
PS	<i>Bossiaea prostrata</i>	Creeping Bossiaea
PS	<i>Astroloma humifusum</i>	Cranberry Heath
LH	<i>Tricoryne elatior</i>	Yellow Rush-lily
LH	<i>Wahlenbergia gracilis</i> s.l.	Sprawling Bluebell
MH	<i>Poranthera microphylla</i>	Small Poranthera
MH	<i>Hypericum gramineum</i>	Small St John's Wort
MH	<i>Hydrocotyle hirta</i>	Hairy Pennywort
MH	<i>Gonocarpus tetragynus</i>	Common Raspwort
SH	<i>Dichondra repens</i>	Kidney-weed
SH	<i>Oxalis corniculata</i> s.l.	Yellow Wood-sorrel
SH	<i>Opercularia varia</i>	Variable Stinkweed
LTG	<i>Xanthorrhoea minor</i> ssp. <i>lutea</i>	Small Grass-tree
LTG	<i>Lomandra longifolia</i>	Spiny-headed Mat-rush
LNG	<i>Gahnia radula</i>	Thatch Saw-sedge
MTG	<i>Themeda triandra</i>	Kangaroo Grass
MTG	<i>Poa australis</i> spp. agg.	Tussock Grass
MTG	<i>Lomandra filiformis</i>	Wattle Mat-rush
MTG	<i>Lepidosperma laterale</i>	Variable Sword-sedge
MNG	<i>Microlaena stipoides</i> var. <i>stipoides</i>	Weeping Grass
MNG	<i>Entolasia marginata</i>	Bordered Panic
GF	<i>Pteridium esculentum</i>	Austral Bracken

Recruitment:

Continuous

Organic Litter:

20 % cover

Logs:

20 m/0.1 ha.

Weediness:

LF Code	Typical Weed Species	Common Name	Invasive	Impact
LH	<i>Centaurium tenuiflorum</i>	Slender Centaury	high	low
MH	<i>Hypochoeris radicata</i>	Cat's Ear	high	low
MH	<i>Centaurium erythraea</i>	Common Centaury	high	low

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