

EVC/Bioregion Benchmark for Vegetation Quality Assessment

Wimmera bioregion

EVC 3: Damp Sands Herb-rich Woodland

Description:

A low, grassy or bracken-dominated eucalypt forest or open woodland to 15 m tall with a large shrub layer and ground layer rich in herbs, grasses, and orchids. Occurs mainly on flat or undulating areas on moderately fertile, relatively well-drained, deep sandy or loamy topsoils over heavier subsoils (duplex soils).

Large trees:

Species	DBH(cm)	#/ha
<i>Eucalyptus</i> spp.	70 cm	15 / ha

Tree Canopy Cover:

%cover	Character Species	Common Name
10%	<i>Eucalyptus viminalis</i> ssp. <i>cygnetensis</i>	Rough-barked Manna-gum

Understorey:

Life form	#Spp	%Cover	LF code
Immature Canopy Tree		5%	IT
Understorey Tree or Large Shrub	1	5%	T
Medium Shrub	4	25%	MS
Small Shrub	7	15%	SS
Large Herb	1	1%	LH
Medium Herb	8	10%	MH
Small or Prostrate Herb	3	1%	SH
Large Tufted Graminoid	1	5%	LTG
Medium to Small Tufted Graminoid	7	10%	MTG
Medium to Tiny Non-tufted Graminoid	4	10%	MNG
Hummock Grass	1	15%	HG
Tiny Tufted Graminoid*	2	1%	TTG
Ground Fern	1	10%	GF
Scrambler or Climber	2	5%	SC
Bryophytes/Lichens	na	10%	BL

* Largely seasonal life form

LF Code

Species typical of at least part of EVC range

Common Name

T	<i>Banksia marginata</i>	Silver Banksia
MS	<i>Brachyloma daphnoides</i>	Daphne Heath
MS	<i>Callitris rhomboidea</i>	Oyster Bay Pine
MS	<i>Calytrix tetragona</i>	Common Fringe-myrtle
MS	<i>Leptospermum myrsinoides</i>	Heath Tea-tree
SS	<i>Dillwynia glaberrima</i>	Smooth Parrot-pea
SS	<i>Hibbertia virgata</i>	Twiggy Guinea-flower
SS	r <i>Leucopogon costatus</i>	Twiggy Beard-heath
SS	<i>Hibbertia sericea</i> s.l.	Silky Guinea-flower
MH	<i>Goodenia geniculata</i>	Bent Goodenia
MH	<i>Burchardia umbellata</i>	Milkmaids
SH	<i>Hydrocotyle laxiflora</i>	Stinking Pennywort
SH	<i>Drosera glanduligera</i>	Scarlet Sundew
LTG	<i>Austrostipa mollis</i>	Supple Spear-grass
MTG	<i>Neurachne alopecuroidea</i>	Fox-tail Mulga-grass
MTG	<i>Lepidosperma laterale</i>	Variable Sword-sedge
MTG	<i>Lepidosperma carphoides</i>	Black Rapier-sedge
MTG	<i>Austrodanthonia geniculata</i>	Kneel Wallaby-grass
MNG	<i>Hypolaena fastigiata</i>	Tassel Rope-rush
MNG	<i>Microlaena stipoides</i> var. <i>stipoides</i>	Weeping Grass
TTG	<i>Centrolepis strigosa</i> ssp. <i>strigosa</i>	Hairy Centrolepis
TTG	<i>Centrolepis polygyna</i>	Wiry Centrolepis
HG	<i>Triodia scariosa</i>	Porcupine Grass
EP	<i>Amyema pendula</i>	Drooping Mistletoe
SC	<i>Cassytha glabella</i>	Slender Dodder-laurel

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Recruitment:

Continuous

Organic Litter:

40 % cover

Logs:

15 m/0.1 ha.

Weediness:

LF Code	Typical Weed Species	Common Name	Invasive	Impact
LH	<i>Sonchus oleraceus</i>	Common Sow-thistle	high	low
LH	<i>Cirsium vulgare</i>	Spear Thistle	high	low
MH	<i>Hypochoeris glabra</i>	Smooth Cat's-ear	high	low
MH	<i>Hypochoeris radicata</i>	Cat's Ear	high	low
MH	<i>Cerastium glomeratum</i> s.l.	Common Mouse-ear Chickweed	high	low
MH	<i>Petrorhagia velutina</i>	Velvety Pink	high	low
MH	<i>Anagallis arvensis</i>	Pimpernel	high	low
SH	<i>Trifolium glomeratum</i>	Cluster Clover	high	low
LNG	<i>Holcus lanatus</i>	Yorkshire Fog	high	high
LNG	<i>Avena fatua</i>	Wild Oat	high	low
MTG	<i>Vulpia bromoides</i>	Squirrel-tail Fescue	high	low
MTG	<i>Briza minor</i>	Lesser Quaking-grass	high	low
MTG	<i>Briza maxima</i>	Large Quaking-grass	high	low
MNG	<i>Aira elegantissima</i>	Delicate Hair-grass	high	low
MNG	<i>Vulpia muralis</i>	Wall Fescue	high	low
MNG	<i>Aira cupaniana</i>	Quicksilver Grass	high	low
MNG	<i>Lagurus ovatus</i>	Hare's-tail Grass	high	low
MNG	<i>Aira caryophyllea</i>	Silvery Hair-grass	high	low
MNG	<i>Vulpia myuros</i> f. <i>myuros</i>	Rat's-tail Fescue	high	low
MNG	<i>Juncus capitatus</i>	Capitate Rush	high	low
MNG	<i>Vulpia myuros</i>	Rat's-tail Fescue	high	low
MNG	<i>Avena barbata</i>	Bearded Oat	high	low

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