

# EVC/Bioregion Benchmark for Vegetation Quality Assessment

## Bridgewater 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
15%	<i>Eucalyptus baxteri</i> s.s.	Brown Stringybark
	<i>Eucalyptus viminalis</i> ssp. <i>cygnetensis</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	4	5%	MS
Small Shrub	3	5%	SS
Prostrate Shrub	2	5%	PS
Large Herb	3	5%	LH
Medium Herb	10	15%	MH
Small or Prostrate Herb	3	5%	SH
Large Tufted Graminoid	2	10%	LTG
Large Non-tufted Graminoid	1	15%	LNG
Medium to Small Tufted Graminoid	7	15%	MTG
Medium to Tiny Non-tufted Graminoid	3	5%	MNG
Ground Fern	1	5%	GF
Scrambler or Climber	2	1%	SC
Bryophytes/Lichens	na	10%	BL

# EVC 3: Damp Sands Herb-rich Woodland - Bridgewater bioregion

LF Code	Species typical of at least part of EVC range	Common Name
T	<i>Acacia melanoxylon</i>	Blackwood
T	<i>Acacia mearnsii</i>	Black Wattle
MS	<i>Banksia marginata</i>	Silver Banksia
MS	<i>Leucopogon parviflorus</i>	Coast Beard-heath
MS	<i>Spyridium parvifolium</i>	Dusty Miller
MS	<i>Leucopogon lanceolatus</i> var. <i>lanceolatus</i>	Lance Beard-heath
SS	<i>Hibbertia sericea</i> s.l.	Silky Guinea-flower
SS	<i>Amperea xiphioclada</i> var. <i>xiphioclada</i>	Broom Spurge
SS	<i>Pimelea humilis</i>	Common Rice-flower
PS	<i>Astroloma humifusum</i>	Cranberry Heath
PS	<i>Acrotriche serrulata</i>	Honey-pots
LH	<i>Senecio tenuiflorus</i>	Slender Fireweed
LH	<i>Senecio glomeratus</i>	Annual Fireweed
MH	<i>Veronica calycina</i>	Hairy Speedwell
MH	<i>Lagenophora stipitata</i>	Common Bottle-daisy
MH	<i>Brunonia australis</i>	Blue Pincushion
SH	<i>Hydrocotyle laxiflora</i>	Stinking Pennywort
SH	<i>Dichondra repens</i>	Kidney-weed
SH	<i>Opercularia varia</i>	Variable Stinkweed
SH	<i>Kennedia prostrata</i>	Running Postman
LTG	<i>Xanthorrhoea minor</i> ssp. <i>lutea</i>	Small Grass-tree
LTG	<i>Deyeuxia quadriseta</i>	Reed Bent-grass
MTG	<i>Dianella revoluta</i> s.s.	Black-anther Flax-lily
MTG	<i>Luzula meridionalis</i>	Common Woodrush
MTG	<i>Dichelachne crinita</i>	Long-hair Plume-grass
MTG	<i>Lomandra nana</i>	Dwarf Mat-rush
MNG	<i>Microlaena stipoides</i> var. <i>stipoides</i>	Weeping Grass
MNG	<i>Ficinia nodosa</i>	Knobby Club-sedge
TTG	<i>Centrolepis strigosa</i> ssp. <i>strigosa</i>	Hairy Centrolepis
GF	<i>Pteridium esculentum</i>	Austral Bracken
SC	<i>Billardiera scandens</i>	Common Apple-berry
SC	<i>Galium australe</i>	Tangled Bedstraw

## Recruitment:

Continuous

## Organic Litter:

40 % cover

## Logs:

15 m/0.1 ha.

## Weediness:

LF Code	Typical Weed Species	Common Name	Invasive	Impact
MH	<i>Hypochoeris radicata</i>	Cat's Ear	high	low
MH	<i>Centaureum erythraea</i>	Common Centaury	high	low
LNG	<i>Holcus lanatus</i>	Yorkshire Fog	high	high
MNG	<i>Aira elegantissima</i>	Delicate Hair-grass	high	low

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## EVC/Bioregion Benchmark for Vegetation Quality Assessment

### Bridgewater bioregion

#### EVC 9: Coastal Saltmarsh

##### Description:

Occurs on and immediately above marine and estuarine tidal flats and contains distinct floristic communities as bands or zones in the same location, depending on the positioning of the various floristic communities in relation to the saline environment. Consists of a range of life forms including succulent herbs, low succulent shrubs, rushes and sedges.

##### Life Forms:

Life form	#Spp	%Cover	LF code
Medium Shrub	1	10%	MS
Small Shrub	1	5%	SS
Medium Herb	3	15%	MH
Large Non-tufted Graminoid	1	5%	LNG
Medium to Tiny Non-tufted Graminoid	1	5%	MNG
Soil Crust	na	10%	S/C
<b>Total understorey projective foliage cover</b>		<b>45%</b>	

LF Code	Species typical of at least part of EVC range	Common Name
MS	<i>Sclerostegia arbuscula</i>	Shrubby Glasswort
SS	<i>Suaeda australis</i>	Austral Seablite
MH	<i>Sarcocornia quinqueflora</i>	Beaded Glasswort
MH	<i>Samolus repens</i>	Creeping Brookweed
MH	<i>Hemichroa pentandra</i>	Trailing Hemichroa
LNG	<i>Juncus kraussii</i> ssp. <i>australiensis</i>	Sea Rush
MNG	<i>Triglochin striatum</i>	Streaked Arrowgrass
MNG	<i>Distichlis distichophylla</i>	Australian Salt-grass

##### Recruitment:

Continuous

##### Organic Litter:

10% cover

##### Weediness:

There are no consistent weeds in this EVC.

# EVC 9: Coastal Saltmarsh - Bridgewater bioregion

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## EVC/Bioregion Benchmark for Vegetation Quality Assessment

### Bridgewater bioregion

#### EVC 10: Estuarine Wetland

##### Description:

Grows on anaerobic peat-rich muds on the edges of estuarine waterbodies such as creeks, rivers and lagoons with intermediate salinity conditions. Vegetation is determined by fluctuating salinity, which varies in time from occasionally fresh to brackish or occasionally saline according to river flood and marine tide events. Dominated by graminoids and halophytic herbs.

##### Life Forms:

Life form	#Spp	%Cover	LF code
Medium Herb	2	50%	MH
Small or Prostrate Herb	1	10%	SH
Large Tufted Graminoid	1	10%	LTG
Large Non-tufted Graminoid	1	5%	LNG
Medium to Tiny Non-tufted Graminoid	3	30%	MNG

##### LF Code

##### Species typical of at least part of EVC range

##### Common Name

MH	<i>Samolus repens</i>	Creeping Brookweed
MH	<i>Sarcocornia quinqueflora</i> ssp. <i>quinqueflora</i>	Beaded Glasswort
MH	<i>Sarcocornia quinqueflora</i>	Beaded Glasswort
LTG	<i>Gahnia filum</i>	Chaffy Saw-sedge
LNG	<i>Juncus kraussii</i> ssp. <i>australiensis</i>	Sea Rush
MTG	<i>Poa poiformis</i>	Coast Tussock-grass
MNG	<i>Distichlis distichophylla</i>	Australian Salt-grass
MNG	<i>Schoenoplectus pungens</i>	Sharp Club-sedge
MNG	<i>Apodasmia brownii</i>	Coarse Twine-rush
MNG	<i>Baumea juncea</i>	Bare Twig-sedge
SC	<i>Calystegia sepium</i>	Large Bindweed

##### Recruitment:

Episodic/Flood: desirable period of disturbance is every five years

##### Organic Litter:

10% cover

##### Weediness:

There are no consistent weeds in this EVC.

# EVC 10: Estuarine Wetland - Bridgewater bioregion

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# EVC/Bioregion Benchmark for Vegetation Quality Assessment

## Bridgewater 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
<i>Eucalyptus</i> spp.	70 cm	20 / ha

#### Tree Canopy Cover:

%cover	Character Species	Common Name
40%	<i>Eucalyptus ovata</i>	Swamp Gum
	<i>Eucalyptus viminalis</i> ssp. <i>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	5	15%	MS
Small Shrub	1	1%	SS
Prostrate Shrub	1	1%	PS
Large Herb	3	5%	LH
Medium Herb	10	20%	MH
Small or Prostrate Herb	5	5%	SH
Large Tufted Graminoid	3	5%	LTG
Large Non-tufted Graminoid	1	5%	LNG
Medium to Small Tufted Graminoid	10	20%	MTG
Medium to Tiny Non-tufted Graminoid	2	10%	MNG
Ground Fern	3	10%	GF
Bryophytes/Lichens	na	20%	BL

# EVC 23: Herb-rich Foothill Forest - Bridgewater bioregion

LF Code	Species typical of at least part of EVC range	Common Name
T	<i>Acacia melanoxylon</i>	Blackwood
T	<i>Pomaderris aspera</i>	Hazel Pomaderris
MS	<i>Coprosma quadrifida</i>	Prickly Currant-bush
MS	<i>Bursaria spinosa</i> ssp. <i>spinosa</i>	Sweet Bursaria
MS	<i>Leucopogon parviflorus</i>	Coast Beard-heath
MS	<i>Leucopogon lanceolatus</i> var. <i>lanceolatus</i>	Lance Beard-heath
SS	<i>Pimelea humilis</i>	Common Rice-flower
SS	<i>Dillwynia glaberrima</i>	Smooth Parrot-pea
PS	<i>Bossiaea prostrata</i>	Creeping Bossiaea
PS	<i>Acrotriche serrulata</i>	Honey-pots
LH	<i>Senecio tenuiflorus</i>	Slender Fireweed
LH	<i>Sigesbeckia orientalis</i> ssp. <i>orientalis</i>	Indian Weed
MH	<i>Oxalis perennans</i>	Grassland Wood-sorrel
MH	<i>Cynoglossum suaveolens</i>	Sweet Hound's-tongue
MH	<i>Acaena novae-zelandiae</i>	Bidgee-widgee
MH	<i>Geranium potentilloides</i>	Cinquefoil Cranesbill
SH	<i>Leptostigma reptans</i>	Dwarf Nertera
SH	<i>Dichondra repens</i>	Kidney-weed
SH	<i>Opercularia ovata</i>	Broad-leaf Stinkweed
SH	<i>Hydrocotyle laxiflora</i>	Stinking Pennywort
LTG	<i>Austrostipa pubinodis</i>	Tall Spear-grass
LTG	<i>Xanthorrhoea minor</i> ssp. <i>lutea</i>	Small Grass-tree
LNG	<i>Gahnia radula</i>	Thatch Saw-sedge
MTG	<i>Lomandra sororia</i>	Small Mat-rush
MTG	<i>Poa labillardierei</i>	Common Tussock-grass
MTG	<i>Pentapogon quadrifidus</i>	Five-awned Spear-grass
MTG	<i>Stylidium graminifolium</i> s.l.	Grass Trigger-plant
MNG	<i>Poa tenera</i>	Slender Tussock-grass
MNG	<i>Microlaena stipoides</i> var. <i>stipoides</i>	Weeping Grass
GF	<i>Pteridium esculentum</i>	Austral Bracken
GF	<i>Adiantum aethiopicum</i>	Common Maidenhair
GF	<i>Lindsaea linearis</i>	Screw Fern
SC	<i>Cassytha pubescens</i> s.s.	Downy Dodder-laurel
SC	<i>Comesperma volubile</i>	Love Creeper

## Recruitment:

Continuous

## Organic Litter:

40 % cover

## Logs:

20 m/0.1 ha.

## Weediness:

LF Code	Typical Weed Species	Common Name	Invasive	Impact
MH	<i>Hypochoeris radicata</i>	Cat's Ear	high	low
MH	<i>Leontodon taraxacoides</i> ssp. <i>taraxacoides</i>	Hairy Hawkbit	high	low
MNG	<i>Holcus lanatus</i>	Yorkshire Fog	high	high
MTG	<i>Anthoxanthum odoratum</i>	Sweet Vernal-grass	high	high

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# EVC/Bioregion Benchmark for Vegetation Quality Assessment

## Bridgewater bioregion

### EVC 53: Swamp Scrub

#### Description:

Closed scrub to 8 m tall at low elevations on alluvial deposits along streams or on poorly drained sites with high nutrient and water availability. Soils vary from organic loams to fine silts and peats which are inundated during the wetter months of the year and is dominated by Woolly Tea-tree *Leptospermum lanigerum* which often form a dense impenetrable thicket, out-competing other species. Emergent trees (eg. Swamp Gum *Eucalyptus ovata*) may some times be present. Where light penetrates to ground level, a moss/lichen/liverwort herbaceous ground cover is often present.

#### Canopy Cover:

%cover	Character Species	Common Name
50%	<i>Leptospermum lanigerum</i>	Woolly Tea-tree
	<i>Melaleuca squarrosa</i>	Scented Paperbark
	<i>Acacia mearnsii</i>	Black Wattle

#### Understorey:

Life form	#Spp	%Cover	LF code
Medium Shrub	2	10%	MS
Small Shrub	1	1%	SS
Large Herb	5	5%	LH
Medium Herb	9	15%	MH
Small or Prostrate Herb	3	10%	SH
Large Tufted Graminoid	2	15%	LTG
Large Non-tufted Graminoid	2	5%	LNG
Medium to Small Tufted Graminoid	4	15%	MTG
Medium to Tiny Non-tufted Graminoid	3	15%	MNG
Ground Fern	2	5%	GF
Scrambler or Climber	1	5%	SC
Bryophytes/Lichens	na	20%	BL

LF Code	Species typical of at least part of EVC range	Common Name
MS	<i>Ozothamnus ferrugineus</i>	Tree Everlasting
MS	<i>Leptospermum continentale</i>	Prickly Tea-tree
SS	<i>Rubus parvifolius</i>	Small-leaf Bramble
MH	<i>Oxalis perennans</i>	Grassland Wood-sorrel
MH	<i>Lagenophora stipitata</i>	Common Bottle-daisy
MH	<i>Viola hederacea</i> sensu Willis (1972)	Ivy-leaf Violet
SH	<i>Lobelia pedunculata</i> s.l.	Matted Pratia
SH	<i>Hydrocotyle sibthorpioides</i>	Shining Pennywort
SH	<i>Dichondra repens</i>	Kidney-weed
LTG	<i>Gahnia clarkei</i>	Tall Saw-sedge
LTG	<i>Juncus pallidus</i>	Pale Rush
LTG	<i>Carex appressa</i>	Tall Sedge
MTG	<i>Juncus pauciflorus</i>	Loose-flower Rush
MNG	<i>Poa tenera</i>	Slender Tussock-grass
MNG	<i>Microlaena stipoides</i> var. <i>stipoides</i>	Weeping Grass
GF	<i>Pteridium esculentum</i>	Austral Bracken

#### Recruitment:

Continuous

#### Organic Litter:

40 % cover

# EVC 53: Swamp Scrub - Bridgewater bioregion

## Weediness:

LF Code	Typical Weed Species	Common Name	Invasive	Impact
LH	<i>Cirsium vulgare</i>	Spear Thistle	high	high
LH	<i>Sonchus oleraceus</i>	Common Sow-thistle	high	low
MH	<i>Hypochoeris radicata</i>	Cat's Ear	high	low
MH	<i>Leontodon taraxacoides</i> ssp. <i>taraxacoides</i>	Hairy Hawkbit	high	low
MH	<i>Centaurium erythraea</i>	Common Centaury	high	low
MH	<i>Prunella vulgaris</i>	Self-heal	high	low
MH	<i>Anagallis arvensis</i>	Pimpernel	high	low
LNG	<i>Holcus lanatus</i>	Yorkshire Fog	high	high

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# EVC/Bioregion Benchmark for Vegetation Quality Assessment

## Bridgewater bioregion

### EVC 160: Coastal Dune Scrub

#### Description:

Coastal Dune Scrub occupies the secondary dunes along ocean and bay beaches and lake shores. Closed scrub to 3 m tall with occasional emergent trees on siliceous and calcareous sands that are subject to high levels of saltspray and continuous disturbance from onshore winds.

#### Life forms:

Life form	#Spp	%Cover	LF code
Medium Shrub	7	50%	MS
Small Shrub	1	1%	SS
Large Herb	3	5%	LH
Medium Herb	7	15%	MH
Small or Prostrate Herb	3	10%	SH
Medium to Small Tufted Graminoid	2	15%	MTG
Medium to Tiny Non-tufted Graminoid	2	5%	MNG
Scrambler or Climber	3	5%	SC
Bryophytes/Lichens	na	10%	BL

LF Code	Species typical of at least part of EVC range	Common Name
MS	<i>Rhagodia candolleana</i> ssp. <i>candolleana</i>	Seaberry Saltbush
MS	<i>Acacia longifolia</i> ssp. <i>sophorae</i>	Coast Wattle
MS	<i>Leucopogon parviflorus</i>	Coast Beard-heath
MS	<i>Olearia axillaris</i>	Coast Daisy-Bush
LH	<i>Senecio pinnatifolius</i>	Variable Groundsel
MH	k <i>Stackhousia spathulata</i>	Coast Stackhousia
MH	<i>Senecio biserratus</i>	Jagged Fireweed
MH	<i>Myosotus australis</i>	Austral Forget-me-knot
SH	<i>Carpobrotus rossii</i>	Karkalla
SH	<i>Apium prostratum</i> ssp. <i>prostratum</i>	Sea Celery
SH	<i>Threlkeldia diffusa</i>	Coast Bonefruit
MTG	<i>Poa poiiformis</i> var. <i>poiiformis</i>	Coast Tussock-grass
MTG	<i>Lachnagrostis billardierei</i> ssp. <i>billardierei</i>	Coast Blown-grass
MNG	<i>Ficinia nodosa</i>	Knobby Club-sedge
MNG	<i>Schoenus nitens</i>	Shiny Bog-sedge
SC	<i>Tetragonia implexicoma</i>	Bower Spinach
SC	<i>Clematis microphylla</i> var. <i>microphylla</i>	Small-leaved Clematis

#### Recruitment:

Episodic/Fire. Desirable period between disturbances is 30 years.

#### Organic Litter:

40 % cover

#### Weediness:

LF Code	Typical Weed Species	Common Name	Invasive	Impact
MS	<i>Lycium ferocissimum</i>	African Box-thorn	high	high
MS	<i>Rhamnus alaternus</i>	Italian Buckthorn	high	high
LH	<i>Sonchus oleraceus</i>	Common Sow-thistle	high	low
LH	<i>Sonchus asper</i> s.l.	Rough Sow-thistle	high	low
LH	<i>Senecio elegans</i>	Purple Groundsel	high	high
LH	<i>Melilotus indicus</i>	Sweet Melilot	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>Galium murale</i>	Small Goosegrass	high	low
LNG	<i>Ammophila arenaria</i>	Marram Grass	high	high
MTG	<i>Catapodium rigidum</i>	Fern Grass	high	low
MNG	<i>Lagurus ovatus</i>	Hare's-tail Grass	high	low
SC	<i>Asparagus asparagoides</i>	Bridal Creeper	high	low

# EVC 160: Coastal Dune Scrub - Bridgewater bioregion

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# EVC/Bioregion Benchmark for Vegetation Quality Assessment

## Bridgewater bioregion

### EVC 161: Coastal Headland Scrub

#### Description:

Scrub or shrubland on steep, rocky coastal headlands often associated with cliffs exposed to the stresses of extreme salt-laden winds and salt spray from the south west.

#### Life forms:

Life form	#Spp	%Cover	LF code
Medium Shrub	7	50%	MS
Large Herb	2	1%	LH
Medium Herb	4	5%	MH
Small or Prostrate Herb	2	5%	SH
Large Tufted Graminoid	1	1%	LTG
Medium to Small Tufted Graminoid	4	10%	MTG
Medium to Tiny Non-tufted Graminoid	2	5%	MNG
Scrambler or Climber	2	5%	SC
Bryophytes/Lichens	na	10%	BL
Soil Crust	na	10%	S/C

LF Code	Species typical of at least part of EVC range	Common Name
MS	<i>Acacia longifolia</i> ssp. <i>sophorae</i>	Coast Wattle
MS	<i>Pultenaea canaliculata</i>	Coast Bush-pea
MS	<i>Alyxia buxifolia</i>	Sea Box
MS	<i>Leucopogon parviflorus</i>	Coast Beard-heath
LH	<i>Senecio odoratus</i> var. <i>odoratus</i>	Scented Groundsel
SH	<i>Dichondra repens</i>	Kidney-weed
SH	<i>Disphyma crassifolium</i> ssp. <i>clavellatum</i>	Rounded Noon-flower
MTG	<i>Dianella brevicaulis</i>	Small-flower Flax-lily
MTG	<i>Lachnagrostis billardierei</i> s.l.	Coast Blown-grass
MTG	<i>Poa poiformis</i>	Coast Tussock-grass
MTG	<i>Austrodanthonia caespitosa</i>	Common Wallaby-grass
MNG	<i>Ficinia nodosa</i>	Knobby Club-sedge
SC	<i>Clematis microphylla</i>	Small-leaved Clematis
SC	<i>Tetragonia implexicoma</i>	Bower Spinach
SC	<i>Comesperma volubile</i>	Love Creeper

#### Recruitment:

Continuous

#### Organic Litter:

40 % cover

#### Weediness:

LF Code	Typical Weed Species	Common Name	Invasive	Impact
MS	<i>Chrysanthemoides monilifera</i>	Boneseed	high	high
MS	<i>Polygala myrtifolia</i> var. <i>myrtifolia</i>	Myrtle-leaf Milkwort	high	high
LH	<i>Sonchus oleraceus</i>	Common Sow-thistle	high	low
MH	<i>Hypochoeris radicata</i>	Cat's Ear	high	high
MTG	<i>Ehrharta erecta</i> var. <i>erecta</i>	Panic Veldt-grass	high	high

# EVC 161: Coastal Headland Scrub - Bridgewater bioregion

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# EVC/Bioregion Benchmark for Vegetation Quality Assessment

## Bridgewater bioregion

### EVC 858: Coastal Alkaline Scrub (syn. Calcarenite Dune Woodland)

#### Description:

Near-coastal, deep calcareous (alkaline) and largely stable sand dunes and swales commonly dominated by Moonah *Melaleuca lanceolata* ssp. *lanceolata*. It occurs at low elevations of 20-60 m above sea level, average annual rainfall is approximately 550-950 mm, and it occurs on a variety of geologies and soil types. Low woodland or tall shrubland to 8 m tall, typically with a medium shrub layer, small shrub layer and sedges, grasses and herbs in the ground layer.

#### Canopy Cover:

%cover	Character Species	Common Name
40%	<i>Melaleuca lanceolata</i> ssp. <i>lanceolata</i>	Moonah
	<i>Allocasuarina verticillata</i>	Drooping Sheoak

#### Understorey:

Life form	#Spp	%Cover	LF code
Medium Shrub	4	30%	MS
Large Herb	3	5%	LH
Medium Herb	2	1%	MH
Small or Prostrate Herb	2	10%	SH
Large Tufted Graminoid	1	5%	LTG
Medium to Small Tufted Graminoid	3	5%	MTG
Medium to Tiny Non-tufted Graminoid	2	30%	MNG
Scrambler or Climber	2	1%	SC
Bryophytes/Lichens	na	20%	BL
<b>Total understorey projective foliage cover</b>		<b>90%</b>	

LF Code	Species typical of at least part of EVC range	Common Name
MS	<i>Acacia longifolia</i> var. <i>sophorae</i>	Coast Wattle
MS	<i>Olearia axillaris</i>	Coast Daisy-Bush
MS	<i>Rhagodia candolleana</i> ssp. <i>candolleana</i>	Seaberry Saltbush
MS	<i>Leucopogon parviflorus</i>	Coast Beard-heath
LH	<i>Epilobium billardierianum</i> ssp. <i>billardierianum</i>	Smooth Willow-herb
MH	<i>Picris angustifolia</i> ssp. <i>angustifolia</i>	Coast Picris
MH	<i>Lobelia anceps</i>	Angled Lobelia
SH	<i>Carpobrotus rossii</i>	Karkalla
LTG	<i>Austrostipa flavescens</i>	Coast Spear-grass
MTG	<i>Lepidosperma gladiatum</i>	Coast Sword-sedge
MTG	<i>Lachnagrostis billardierei</i> s.l.	Coast Blown-grass
MTG	<i>Poa poiformis</i>	Coast Tussock-grass
MTG	<i>Dianella revoluta</i> s.l.	Black-anther Flax-lily
MNG	<i>Ficinia nodosa</i>	Knobby Club-sedge
SC	<i>Comesperma volubile</i>	Love Creeper
SC	<i>Clematis microphylla</i>	Small-leaved Clematis
SC	<i>Tetragonia implexicoma</i>	Bower Spinach

#### Recruitment:

Continuous

#### Organic Litter:

40 % cover

#### Logs:

5 m/0.1 ha.

#### Weediness:

LF Code	Typical Weed Species	Common Name	Invasive	Impact
LH	<i>Sonchus oleraceus</i>	Common Sow-thistle	high	low
MH	<i>Leontodon taraxacoides</i> ssp. <i>taraxacoides</i>	Hairy Hawkbit	high	low
LNG	<i>Holcus lanatus</i>	Yorkshire Fog	high	high
MNG	<i>Lagurus ovatus</i>	Hare's-tail Grass	high	low

# EVC 858: Coastal Alkaline Scrub (syn. Calcarenite Dune Woodland) – Bridgewater bioregion

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# EVC/Bioregion Benchmark for Vegetation Quality Assessment

## Bridgewater bioregion

### EVC 876: Spray-zone Coastal Shrubland

#### Description:

A wind-pruned salt-affected open shrubland usually less than 1 m tall (with occasional emergent taller shrubs) that occurs on the most exposed coastal areas subject to salt-spray and run-off at the crest of sea cliffs. This EVC usually occurs in association with taller Coastal Headland Scrub (EVC 161).

#### Life Forms:

Life form	#Spp	%Cover	LF code
Medium Shrub	1	1%	MS
Small Shrub	2	10%	SS
Medium Herb	4	10%	MH
Small or Prostrate Herb	1	1%	SH
Medium to Small Tufted Graminoid	1	1%	MTG
Bryophytes/Lichens	na	10%	BL
Soil Crust	na	10%	S/C
<b>Total understorey projective foliage cover</b>		<b>40%</b>	

LF Code	Character Species	Common Name
MS	<i>Pimelea serpyllifolia</i> ssp. <i>serpyllifolia</i>	Thyme Rice-flower
SS	v v <i>Ixodia achillaeoides</i> ssp. <i>arenicola</i>	Ixodia
SS	<i>Leucophyta brownii</i>	Cushion Bush
MH	<i>Samolus repens</i>	Creeping Brookweed
MH	<i>Senecio spathulatus</i> s.l.	Dune Groundsel
MH	<i>Sarcocornia quinqueflora</i>	Beaded Glasswort
MH	<i>Actites megalocarpa</i>	Dune Thistle
SH	<i>Apium prostratum</i> ssp. <i>prostratum</i>	Sea Celery
MTG	r <i>Austrofestuca littoralis</i>	Coast Fescue

#### Recruitment:

Continuous.

#### Weediness:

There are no consistent weeds in this EVC.

# EVC 876: Spray-zone Coastal Shrubland - Bridgewater bioregion

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