

Coastal Alkaline Scrub (EVC 858)

Ecological Vegetation Classes on the Mornington Peninsula

An Ecological Vegetation Class (EVC) is the standard unit for classifying native vegetation types in Victoria. Over 60 EVCs occur across the diverse landscape of the Mornington Peninsula. This EVC profile presents local environmental information for a specific EVC and is a useful reference for anyone interested in understanding, protecting, and restoring the unique biodiversity that occurs in their area.

Coastal Alkaline Scrub - Description

Scrub to 15 metres in height. Occurs on deep alkaline sands. Distinguished by dominant Moonah trees or sometimes Coast Tea-tree, with characteristic species especially Coast Wirilda and Thyme Rice-flower. Large areas originally dominated by Drooping Sheoak. Previously known as Calcarenite Dune Woodland. Coastal Moonah Woodland, a plant community listed as threatened under the Victorian Flora and Fauna Guarantee Act, occurs predominantly within this EVC.

Pre-1750 distribution	Most of the southern Peninsula, particularly the interior areas. See map below.
Present distribution	Rare
Peninsula status	Endangered
Bioregional status	Vulnerable
Typical sites	Point Nepean, Portsea. Moonah Warren Reserve, Rye.



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Coastal Alkaline Scrub - Plant List

Scientific name	Common name	Height	Available in nurseries
Trees		m	
<i>Acacia longifolia</i> subsp. <i>sophorae</i>	Coast Wattle	5	✓
<i>Acacia uncifolia</i>	Coast Wirilda	10	✓
<i>Allocasuarina verticillata</i>	Drooping Sheoak	15	✓
<i>Bursaria spinosa</i> subsp. <i>spinosa</i>	Sweet Bursaria	8	✓
<i>Exocarpos cupressiformis</i>	Cherry Ballart	8	
<i>Leptospermum laevigatum</i>	Coast Tea-tree	5	✓
<i>Melaleuca lanceolata</i>	Moonah	15	✓
<i>Myoporum insulare</i>	Common Boobialla	8	✓
Shrubs		cm	
<i>Acacia paradoxa</i>	Hedge Wattle	200	✓
<i>Adriana quadripartita</i>	Coast Bitter-bush	300	
<i>Alyxia buxifolia</i>	Sea Box	200	✓
<i>Correa alba</i>	White Correa	150	✓
<i>Correa reflexa</i>	Common Correa	200	✓
<i>Hibbertia sericea</i>	Silky Guinea-flower	70	✓
<i>Leucopogon parviflorus</i>	Coast Beard-heath	500	✓
<i>Olearia axillaris</i>	Coast Daisy-Bush	150	✓
<i>Pimelea serpyllifolia</i> subsp. <i>serpyllifolia</i>	Thyme Rice-flower	150	
<i>Pomaderris paniculosa</i> subsp. <i>paralia</i>	Coast Pomaderris	200	✓
<i>Pultenaea canaliculata</i>	Coast Bush-pea	200	
<i>Rhagodia candolleana</i> subsp. <i>candolleana</i>	Seaberry Saltbush	200	✓
<i>Rubus parvifolius</i>	Small-leaf Bramble	100	
<i>Solanum laciniatum</i>	Large Kangaroo Apple	300	✓
Grasses		cm	
<i>Austrostipa flavescens</i>	Coast Spear-grass	120	✓
<i>Lachnagrostis billardierei</i> subsp. <i>billardierei</i>	Coast Blown-grass	60	
<i>Microlaena stipoides</i> var. <i>stipoides</i>	Weeping Grass	70	✓
<i>Poa labillardierei</i>	Common Tussock-grass	100	✓
<i>Poa poiiformis</i> var. <i>ramifer</i>	Dune Poa	100	✓
<i>Rytidosperma racemosum</i> var. <i>racemosum</i>	Striped Wallaby-grass	60	
<i>Rytidosperma setaceum</i>	Bristly Wallaby-grass	100	✓
Ground covers		cm	
<i>Acaena novae-zelandiae</i>	Bidgee-widgee	20	✓
<i>Ajuga australis</i>	Austral Bugle	60	
<i>Apium prostratum</i>	Sea Celery	15	
<i>Caladenia carnea</i>	Pink Fingers	25	
<i>Caladenia latifolia</i>	Pink Fairies	40	

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<i>Carex breviculmis</i>	Common Grass-sedge	30	
<i>Carpobrotus rossii</i>	Karkalla	5	✓
<i>Convolvulus erubescens</i>	Pink Bindweed	15	
<i>Corybas despectans</i>	Coast Helmet-orchid	2	
<i>Corybas incurvus</i>	Slaty Helmet-orchid	2	
<i>Crassula sieberiana</i>	Sieber Crassula	10	
<i>Cynoglossum australe</i>	Australian Hound's-tongue	60	
<i>Cyrtostylis reniformis</i>	Small Gnat-orchid	10	
<i>Cyrtostylis robusta</i>	Large Gnat-orchid	25	
<i>Daucus glochidiatus</i>	Austral Carrot	50	
<i>Dianella brevicaulis</i>	Small-flower Flax-lily	80	✓
<i>Dianella revoluta</i> var. <i>revoluta</i>	Black-anther Flax-lily	80	✓
<i>Dichondra repens</i>	Kidney-weed	4	✓
<i>Epilobium billardioreanum</i> subsp. <i>cinereum</i>	Variable Willow-herb	100	
<i>Eriochilus cucullatus</i>	Parson's Bands	20	
<i>Euchiton involucratus</i>	Star Cudweed	50	
<i>Euchiton japonicus</i>	Creeping Cudweed	40	
<i>Ficinia nodosa</i>	Knobby Club-sedge	100	✓
<i>Galium australe</i>	Tangled Bedstraw	40	
<i>Helichrysum leucopsideum</i>	Satin Everlasting	60	
<i>Hydrocotyle laxiflora</i>	Stinking Pennywort	15	✓
<i>Kennedia prostrata</i>	Running Postman	5	✓
<i>Lagenophora stipitata</i>	Blue Bottle-daisy	20	✓
<i>Lepidosperma gladiatum</i>	Coast Sword-sedge	100	✓
<i>Microtis unifolia</i>	Common Onion-orchid	90	
<i>Myosotis australis</i>	Austral Forget-me-not	30	
<i>Oxalis corniculata</i>	Yellow Wood-sorrel	15	
<i>Oxalis exilis</i>	Shady Wood-sorrel	8	
<i>Oxalis perennans</i>	Grassland Wood-sorrel	15	
<i>Parietaria debilis</i>	Shade Pellitory	30	
<i>Pelargonium australe</i>	Austral Stork's-bill	60	✓
<i>Pterostylis cucullata</i> subsp. <i>cucullata</i>	Leafy Greenhood	20	
<i>Pterostylis pedunculata</i>	Maroonhood	25	
<i>Pultenaea tenuifolia</i>	Slender Bush-pea	30	✓
<i>Ranunculus sessiliflorus</i>	Annual Buttercup	30	
<i>Sambucus gaudichaudiana</i>	White Elderberry	200	✓
<i>Scaevola albida</i>	Pale Fan-flower	50	
<i>Scutellaria humilis</i>	Dwarf Skullcap	10	
<i>Sebaea ovata</i>	Yellow Sebaea	30	
<i>Senecio biserratus</i>	Jagged Fireweed	100	
<i>Senecio glomeratus</i>	Annual Fireweed	120	
<i>Senecio hispidulus</i>	Rough Fireweed	100	
<i>Senecio odoratus</i>	Scented Groundsel	150	✓
<i>Senecio pinnatifolius</i>	Variable Groundsel	40	✓
<i>Stackhousia monogyna</i>	Creamy Stackhousia	30	
<i>Swainsona lessertifolia</i>	Coast Swainson-pea	50	

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<i>Veronica calycina</i>	Hairy Speedwell	50	✓
<i>Viola hederacea</i>	Ivy-leaf Violet	15	✓
Ferns			
None			
Climbers, epiphytes			
<i>Amyema miquelii</i>	Box Mistletoe		
<i>Amyema preissii</i>	Wire-leaf Mistletoe		
<i>Cassytha pubescens</i>	Downy Dodder-laurel		
<i>Clematis microphylla</i>	Small-leaved Clematis		✓
<i>Comesperma volubile</i>	Love Creeper		✓
<i>Muehlenbeckia adpressa</i>	Climbing Lignum		✓
<i>Roepera billardiarei</i>	Coast Twin-leaf		
<i>Tetragonia implexicoma</i>	Bower Spinach		✓