



Vegetation Community Profile

Pink gum (*Eucalyptus fasciculosa*) Low Woodland over shrubby understorey (ML2403PE)

Pink Gum (*Eucalyptus fasciculosa*) is the dominant overstorey tree, up to 10 m tall but typically 6 m to 8 m tall. The shrub understorey is relatively dense and dominated by sclerophyll (hard-leaved) shrubs including Myrtle Wattle (*Acacia myrtifolia*), Twiggy Daisy-bush (*Olearia ramulosa*) and Yacca (*Xanthorrhoea semiplana* ssp. *semiplana*).

Meadows, through Ashbourne, Myponga, Mount Billy and south-west at Deep Creek and Talisker. The community also occurred on the sandy plains east of Finniss and Clayton Bay. Of the approximately 26,000 ha mapped as being present before European settlement, approximately 3,600 ha has been mapped in the Department for Environment and Water's extant mapping layer (Data SA 2025).

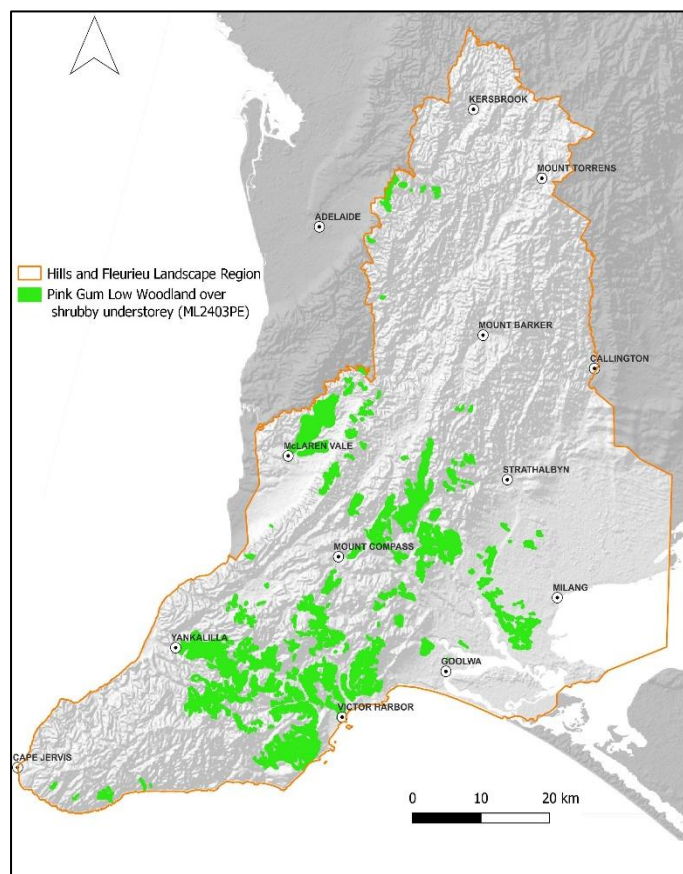


Figure 1: Pre-European mapping of Pink Gum (*Eucalyptus fasciculosa*) Low Woodland over sclerophyll shrubs within Hills and Fleurieu Landscape region



Pink Gum (*Eucalyptus fasciculosa*) Low Woodland over a diverse sclerophyll shrub understorey including Fringe Myrtle (*Calytrix tetragona*), Beaked Hakea (*Hakea rostrata*), Flame Heath (*Stenanthra conostephioides*), Yacca (*Xanthorrhoea semiplana* ssp. *semiplana*), Common Oak-bush (*Allocasuarina muelleriana* ssp. *muelleriana*), Erect Hakea (*Hakea carinata*) and Gorse Bitter-pea (*Daviesia ulicifolia* ssp. *ulicifolia*). Cromer Region. (Source T Croft 2025).

Distribution within the Hills and Fleurieu

Pink Gum Low Woodland over a shrubby understorey is an extensive community, occurring largely in the southern half of the Hills and Fleurieu Landscape region. The community extends south from Clarendon through McLaren Flat and Willunga; south from

Landform

Landforms range from steep rocky slopes to undulating sandy plains.

Soil types

Occurs on a range of better drained soils, but primarily sandier soils, and sandy loams over clay soils.

Rainfall

Approximately 430 mm to 700 mm rainfall per annum.

Conservation Status

South Australian Threatened Ecological Community

Eucalyptus fasciculosa +/- *E. leucoxylon* Heathy Woodland on sandy loams of flats and slopes is considered a Vulnerable community at the State (South Australia) level (DEH, 2005). The pre-European community ML2403PE is considered to be within the definition of the State Vulnerable community due to the dense sclerophyll/heathy understory.

The State Vulnerable community is considered Vulnerable because remnants within areas reserved for conservation are mostly small, with Pink Gum often in poor health, (e.g. due to over-abundant mistletoe, *Amyema miquelii*).

Vegetation structural layers

Tree Layer

Pink Gums are generally the sole overstorey dominant and vary from a single trunk tree up to 10 m tall to multi-stemmed trees of 5 m - 10 m tall.

Shrub Layer

The understorey is dominated by sclerophyll (hard-leaved) shrubs including Common Oak-bush (*Allocasuarina muelleriana* ssp. *muelleriana*), Erect Hakea (*Hakea carinata*), Beaked Hakea (*Hakea rostrata*), Heath Tea-tree (*Leptospermum myrsinoides*) and Winged Spyridium (*Spyridium vexilliferum* var. *vexilliferum*). In the south-east of the region (east of Clayton), Broombush (*Melaleuca uncinata*) forms a dense understorey.

Groundcover Layer

Rapier-sedges, *Lepidosperma carphoides* and *Lepidosperma semiteres*, are often prominent groundcovers.

Revegetation

A table of plant species likely to have occurred in this community is provided at the end of this document. Please note that the list includes species likely to occur across the plant community's entire range within the Hills and Fleurieu Landscape region. There may be other plant species that occurred on your property with a more restricted distribution. A native plant nurseries list can be found on the Landscapes Hills and Fleurieu website.

Caring for Country and native vegetation

This vegetation community reflects the landscapes and ecosystems that existed at the time of European colonisation. First Nations peoples have cared for these lands for thousands of years, maintaining deep connections to Country through knowledge, culture, and stewardship. This guide supports efforts to understand, protect and restore native vegetation in a way that respects those enduring relationships.

References

Data SA (2025). Native Vegetation Floristic Areas – NVIS – Statewide. *Government of South Australia*. <https://data.sa.gov.au/data/dataset/native-vegetation-floristic-areas-nvis-statewide>. Accessed April 2025.

DEH (version 10 October 2005). A Provisional List of Threatened Ecosystems in South Australia. *Department for Environment and Heritage*. Unpublished.

Acknowledgment

We gratefully acknowledge the valuable work and research of the staff and volunteers of the South Australian Seed Conservation Centre and Botanic Gardens of South Australia. The information available on their public websites 'Seeds of South Australia' and affiliated 'www.szygium.xyz' has been widely referenced for the germination and propagation content of the Vegetation Community species lists.

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Scientific Name	Common Name	Nursery Availability*	Propagation Method**	Seed Treatment***	Seed Propagation Difficulty****	Pollination	Links to further information
OVERSTOREY TREES (cover 10 - 30%)							
<i>Eucalyptus fasciculosa</i>	Pink Gum	Y	S	N		Insect	https://syzygium.xyz/saplants/Myrtaceae/Eucalyptus/Eucalyptus_fasciculosa.html
UNDERSTOREY TREES (combined cover 10 - 30%)							
<i>Acacia pycnantha</i>	Golden Wattle	Y	S	HW, Sc		Insect (Native Bees, Honey Bees, Hoverflies, Butterflies, Moths, Beetles, Flies). Bird (Several species of honeyeaters and thornbills)	https://www.publish.csiro.au/BT/BT9880519
<i>Eucalyptus cosmophylla</i>	Cup Gum	Y	S	N		Birds (Honeyeaters), Possums Insects (Bees)	https://syzygium.xyz/saplants/Myrtaceae/Eucalyptus/Eucalyptus_cosmophylla.html
<i>Exocarpos cupressiformis</i>	Native Cherry	N	S, C	Sc	D	Insect	Exocarpos cupressiformis - Australian Native Plants Society (Australia)
MEDIUM AND TALL SHRUBS (combined cover 30 - 70%)							
<i>Acacia myrtifolia</i>	Myrtle Wattle	Y	S	HW, Sc		Insect	https://syzygium.xyz/saplants/Fabaceae/Acacia/Acacia_myrtifolia.html
<i>Acacia spinescens</i>	Spiny Wattle	Y	S	HW, Sc		Insect (Beetles, Wasps, Bees)	https://syzygium.xyz/saplants/Fabaceae/Acacia/Acacia_spinescens.html
<i>Acrotriche serrulata</i>	Cushion Ground-berry	N	S, C, D	N	D	Mammals (Possums, Rodents)	https://www.botaniks.com/plants/acrotriche-serrulata/586467/1
<i>Allocasuarina muelleriana</i> ssp. <i>muelleriana</i>	Common Oak-bush	Y	S	N		Wind	Slaty Sheoak TreeProject
<i>Allocasuarina striata</i>	Stalked Oak-bush	Y	S	CS		Wind	https://syzygium.xyz/saplants/Casuarinaceae/Allocasuarina/Allocasuarina_striata.html
<i>Brachyloma ericoides</i> ssp. <i>ericoides</i>	Brush Heath	N	S		D	Insect	https://syzygium.xyz/saplants/Ericaceae/Brachyloma/Brachyloma_ericoides_ssp._ericoides.html
<i>Calytrix tetragona</i>	Common Fringe-myrtle	Y	C	N		Insect (Native Bees, Honey Bees, Wasps, Hoverflies, Butterflies, Moths, Beetles, Flies)	https://www.anbg.gov.au/gnp/gnp2/calytrix-tetragona.html
<i>Correa reflexa</i> var. <i>reflexa</i>	Common Correa	Y	C		D	Bird	https://syzygium.xyz/saplants/Rutaceae/Correa/Correa_reflexa_var._reflexa.html
<i>Daviesia ulicifolia</i> ssp. <i>ulicifolia</i>	Gorse Bitter-pea	Y	S	HW, Sc		Insect (Bee)	https://syzygium.xyz/saplants/Fabaceae/Daviesia/Daviesia_ulicifolia_ssp._incarnata.html

Scientific Name	Common Name	Nursery Availability*	Propagation Method**	Seed Treatment***	Seed Propagation Difficulty****	Pollination	Links to further information
<i>Epacris impressa</i>	Common Heath	N	S, C	DS, HW	D	Bird, Insect (Native Bees, Butterflies)	https://anpsa.org.au/plant_profiles/epacris-impressa/
<i>Grevillea lavandulacea</i> ssp. <i>lavandulacea</i>	Spider-flower	Y	S, C	N		Bird, Insect	https://syzygium.xyz/saplants/Proteaceae/Grevillea/Grevillea_lavandulacea_ssp._lavandulacea.html
<i>Hakea carinata</i>	Erect Hakea	Y	S	N		Insect	https://www.picturethisai.com/care/propagate/Hakea_carinata.html
<i>Hakea rostrata</i>	Beaked Hakea	Y	S	N		Insect	https://www.australianplants.com/plants.aspx?id=1294
<i>Hakea rugosa</i>	Dwarf Hakea	Y	S	N		Insect	https://syzygium.xyz/saplants/Proteaceae/Hakea/Hakea_rugosa.html
<i>Leptospermum myrsinoides</i>	Heath Tea-tree	Y	S, C	N		Insect	https://www.anbg.gov.au/leptospermum/leptospermum-myrsinoides.html
<i>Leucopogon concurvus</i>	Scrambling Beard-heath	N	C		D	Insect	https://syzygium.xyz/saplants/Ericaceae/Leucopogon/Leucopogon_concurvus.html
<i>Leucopogon virgatus</i> var. <i>virgatus</i>	Common Beard-heath	N	S, C	St		Insect	https://wtlandcare.org/details/leucopogon-virgatus/
<i>Melaleuca uncinata</i> (East of Clayton only)	Broombush	Y	S, C	N		Insect	https://www2.csu.edu.au/cgi-bin/herbarium/db/species-2.pl
<i>Olearia ramulosa</i>	Twiggy Daisy-bush	Y	S, C	Sm		Insect	https://treeproject.org.au/seedlings/twiggy-daisy-bush/
<i>Platylobium obtusangulum</i>	Holly Flat-pea	Y	S, C	N, Sm		Insect (Bees)	https://treeproject.org.au/seedlings/common-flat-pea/
<i>Pultenaea acerosa</i>	Bristly Bush-pea	Y	S, C	HW, Sc		Insect	https://syzygium.xyz/saplants/Fabaceae/Pultenaea/Pultenaea_acerosa.html
<i>Pultenaea trinervis</i>	Three-nerve Bush-pea	N	S, C	HW, Sc		Insect (Bees)	https://syzygium.xyz/saplants/Fabaceae/Pultenaea/Pultenaea_trinervis.html
<i>Spyridium thymifolium</i>	Thyme-leaf Spyridium	N	S	HW, Sc		Insect	https://syzygium.xyz/saplants/Rhamnaceae/Spyridium/Spyridium_thymifolium.html
<i>Spyridium vexilliferum</i> var. <i>vexilliferum</i>	Winged Spyridium	N	S	HW, Sc		Insect	https://www.picturethisai.com/care/propagate/Spyridium_vexilliferum.html
<i>Stenanthera conostephioides</i>	Flame Heath	N	S, C	HW, Sc, GA	D	Bird	https://syzygium.xyz/saplants/Ericaceae/Stenanthera/Stenanthera_conostephioides.html
<i>Xanthorrhoea semiplana</i> ssp. <i>semiplana</i>	Yacca	Y	S	N		Insect (Honeybees, Butterflies, Beetles)	https://syzygium.xyz/saplants/Asphodelaceae/Xanthorrhoea/Xanthorrhoea_semiplana_ssp._semiplana.html

Scientific Name	Common Name	Nursery Availability*	Propagation Method**	Seed Treatment***	Seed Propagation Difficulty****	Pollination	Links to further information
LOW SHRUBS (combined cover 5 - 10%)							
<i>Boronia coerulescens ssp. coerulescens</i>	Blue Boronia	Y	C	Sm	D	Insect	https://anpsa.org.au/APOL23/sep01-1.html
<i>Dillwynia hispida</i>	Red Parrot-pea	Y	S, C	HW	0	Insect	Dodonaea - The Hop Bush
<i>Dillwynia sericea</i>	Showy Parrot-pea	Y	S, C	HW, Sc	0	Insect	https://resources.austplants.com.au/plant/dillwynia-sericea/
<i>Hibbertia devitata</i>	Smooth Guinea-flower	N	C		D	Insect	https://syzygium.xyz/saplants/Dilleniaceae/Hibbertia/Hibbertia_devitata.html
<i>Hibbertia crinita</i>	Guinea-flower	Y	C		D	Insect (Buzz)	https://revegetation.org.au/?project=hibbertia-crinita
<i>Hibbertia riparia</i>	Bristly Guinea-flower	Y	C		D	Insect	https://syzygium.xyz/saplants/Dilleniaceae/Hibbertia/Hibbertia_riparia.html
<i>Hibbertia virgata</i>	Twiggy Guinea-flower	N	C		D	Insect	https://syzygium.xyz/saplants/Dilleniaceae/Hibbertia/Hibbertia_virgata.html
<i>Styphelia humifusa</i>	Cranberry Heath	N	C	N	D	Bird, Insect (Wasps, Moths, Beetles)	https://syzygium.xyz/saplants/Ericaceae/Styphelia/Styphelia_exarrhena.html
MAT PLANTS (cover 1 - 2%)							
<i>Kennedia prostrata</i>	Scarlet Runner	Y	S, C	HW		Insect (Bees)	https://treeproject.org.au/seedlings/running-postman/
SEDGE/ TUSSOCKS (combined cover 5 - 25%)							
<i>Dianella revoluta var. revoluta</i>	Black-anther Flax-lily	Y	S, D	N		Insect (Native bees (Buzz pollination))	https://syzygium.xyz/saplants/Asphodelaceae/Dianella/Dianella_revoluta_var._revoluta.html
<i>Lepidosperma carphoides</i>	Black Rapier-sedge	N	S, D			Wind	https://vicflora.rbg.vic.gov.au/flora/taxon/cfc48f73-ecd1-452d-98a9-38d89470a399
<i>Lepidosperma semiteres</i>	Wire Rapier-sedge	N	S, D			Wind	https://syzygium.xyz/saplants/Cyperaceae/Lepidosperma/Lepidosperma_semiteres.html
<i>Lomandra micrantha ssp. micrantha</i>	Small-flower Mat-rush	Y	S, D	N	D	Insect (Bees, Butterflies, Beetles)	https://syzygium.xyz/saplants/Asparagaceae/Lomandra/Lomandra_micrantha_ssp._micrantha.html
<i>Lomandra multiflora ssp. dura</i>	Hard Mat-rush	Y	S, D	N		Insect (Bees, Butterflies, Beetles)	FACT-SHEET Lomandra multiflora.pdf
<i>Schoenus apogon</i>	Common Bog-rush	N	S, D, C	N		Wind	Schoenus apogon
TWINER/ SCRAMBLERS (combined cover 1 - 2%)							
<i>Billardiera cymosa ssp. cymosa</i>	Sweet Apple-berry	Y	S, D, C	N		Insect	Billardiera cymosa — Fleurieu Environment Centre

Scientific Name	Common Name	Nursery Availability*	Propagation Method**	Seed Treatment***	Seed Propagation Difficulty****	Pollination	Links to further information
<i>Cassytha glabella f. dispar</i>	Slender Dodder-laurel	Y	S	N		Insect	https://syzygium.xyz/saplants/Lauraceae/Cassytha/Cassytha_glabella_f._dispar.html
<i>Thysanotus patersonii</i>	Twining Fringe-lily	N	S	Sm		Insect (Buzz)	https://syzygium.xyz/saplants/Asparagaceae/Thysanotus/Thysanotus_patersonii.html
HERBS (combined cover 1 - 5%)							
<i>Burchardia umbellata</i>	Milkmaids	Y	S	N		Insect	https://resources.austplants.com.au/plant/burchardia-umbellatamilkmaids/
<i>Chamaescilla corymbosa</i> var. <i>corymbosa</i>	Blue Squill	Y	S	N		Insect	Chamaescilla-corymbosa-Blue-Squill-Blue-Stars.pdf
<i>Gonocarpus mezeianus</i>	Broad-leaf Raspwort	Y	S, C	N	D	Insect	https://syzygium.xyz/saplants/Haloragaceae/Gonocarpus/Gonocarpus_mezeianus.html
<i>Gonocarpus tetragynus</i>	Small-leaf Raspwort	Y	S, C	N	D	insect	https://syzygium.xyz/saplants/Haloragaceae/Gonocarpus/Gonocarpus_tetragynus.html
<i>Goodenia blackiana</i>	Native Primrose	N	S, C	So	D	Insect	https://www.picturethisai.com/care/propagate/Goodenia_blackiana.html
<i>Tetradlea pilosa</i>	Hairy Pink-bells	Y	C, S	Sm	D	Insect	Search
<i>Xanthosia huegelii</i>	Hairy Xanthosia	N	S			Insect	https://www.botanicalrealm.com/plant-identification/heath-xanthosia-xanthosia-huegelii/
GRASSES							
<i>Amphipogon caricinus</i> var. <i>caricinus</i>	Long Grey-beard Grass	Y	S	N		Wind	https://syzygium.xyz/saplants/Poaceae/Amphipogon/Amphipogon_caricinus_var._caricinus.html
<i>Amphipogon strictus</i>	Spreading Grey-beard Grass	N	S	N		Wind	https://vicflora.rbg.vic.gov.au/flora/taxon/1b5a7703-4c99-48c9-9f4d-a8cfcc1add0c

If cells are blank, no information was readily available at the time of writing.

* Nursery Availability

N = No

Y = Yes

** Propagation Method

C = Cuttings

D = Division

S = Seedlings

***Seed Treatment Code	Treatment name	Procedure
CS	Cold Storage	Stored at 3 to 5 degrees Celsius
DS	Dark Storage	Seed stored out of direct sunlight
GA	Gibberelic Acid	
HW	Hot Water	Water just off the boil poured over the seed and allowed to stand for 8 - 24 hours
N	None	
Sc	Scarify	Mechanical abrasion of seed coat e.g. lightly scratch with sandpaper
Sm	Smoke	Soaking seeds in smoke water
So	Soak	Seed placed in rainwater for 24 hours
St	Stratify	Seed placed in freezer for 2 weeks
****Seed Propagation Difficulty		

D = Difficult