

Species List for Regional Ecosystem 12.9-10.5a

Woodland complex often with *Corymbia trachyphloia* subsp. *trachyphloia*, *C. citriodora* subsp. *variegata*, *Eucalyptus crebra*, *E. fibrosa* subsp. *fibrosa* on quartzose sandstone

Description: *Eucalyptus helidonica*, *Corymbia citriodora* subsp. *variegata* open forest +/- *C. trachyphloia* subsp. *trachyphloia*, *Eucalyptus fibrosa* subsp. *fibrosa*, *E. taurina*, *E. dura*, *E. baileyana*, *C. gummifera*, *Angophora woodsiana* and *Lysicarpus angustifolius*. Occurs on quartzose sandstone scarps and crests. (BVG1M: 9h)

Additional Information:

- The animal symbols represent the habitat/food resource of a particular animal.
- The Status column denotes the conservation status of a species of plant in State and Commonwealth legislation, E - Endangered, V - Vulnerable, and NT - Near threatened.
- Δ column denotes a species that is commercially available, suitable and used for revegetation.
- Check planting notes for further information.
- RS – regionally significant –Lockyer Valley Region.

Habitat values:

Threatened flora






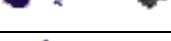


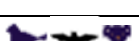














- *Grevillea quadricauda* (Four tailed spider flower), *Caustis blakei* subsp. *macrantha* (Koala fern), *Eucalyptus taurina* (Helidon Hills ironbark), *Leionema obtusifolium* (Helidon Hills phebalium) *Hibbertia monticola* (Mountain guinea flower), *Paspalidium grandispiculatum* (Helidon Hills panic)































Regionally Significant species flora





























- *Acacia leichhardtii* (Leichhardt's wattle), *Allocasuarina inophloia* (Thready (Woolly)-barked oak), *Eucalyptus helidonica* (Helidon Hills white mahogany), *Gahnia clarkei* (Tall sawsedge), *Grevillea singuliflora* (Single-flower grevillea), *Leptospermum lamellatum* (Flakey barked tea tree), *Lysicarpus angustifolius* (Budgeroo), *Melastoma malabathricum* (Blue tongue), *Callicarpa pedunculata*, velvet leaf.


















Threatened fauna















- *Calyptorhynchus lathami* (Glossy black-cockatoo) *Erythrotriorchis radiatus* (Red goshawk) *Lophoictinia isura* (Square-tailed kite) *Ninox strenua* (Powerful owl) *Tyto novaehollandiae* (Masked owl (southern subsp.))
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- Conservation Status of Regional Ecosystem: Least Concern (Queensland Vegetation Management Act 1999).

Available	Scientific name	Common Name	Fauna	Status
Trees				
	<i>Allocasuarina inophloia</i>	Woolly barked she-oak		RS
Δ	<i>Allocasuarina torulosa</i>	Forest she-oak		
	<i>Angophora leiocarpa</i>	Smooth barked apple		
	<i>Angophora woodsiana</i>	Smudge		
Δ	<i>Corymbia citriodora subsp. variegata</i>	Spotted gum		
	<i>Corymbia henryi</i>	Large leaved spotted gum		
	<i>Corymbia trachyphloia subsp. trachyphloia</i>	Brown bloodwood		
	<i>Eucalyptus baileyana</i>	Baileys stringybark		
Δ	<i>Eucalyptus crebra</i>	Narrow leaved ironbark		
	<i>Eucalyptus dura</i>	Gum topped ironbark		RS
	<i>Eucalyptus eugenioides</i>	Thin leaved stringbark		
	<i>Eucalyptus fibrosa subsp. fibrosa</i>	Large leaved ironbark		
	<i>Eucalyptus helidonica</i>	Helidon mahogany		RS
Δ	<i>Eucalyptus major</i>	Grey gum		
	<i>Eucalyptus microcorys</i>	Tallow wood		
	<i>Eucalyptus taurina</i>	Helidon ironbark		V QLD
Δ	<i>Eucalyptus tereticornis</i>	Blue gum		
Δ	<i>Lophostemon confertus</i>	Brush box		
	<i>Lysicarpus angustifolius</i>	Budgeroo		RS
Small trees				
Δ	<i>Acacia concurrens</i>	Curracabah		
	<i>Acacia julifera</i>	Catkin wattle		
Δ	<i>Acacia leiocalyx</i>	Early flowering wattle		
Δ	<i>Acacia maidenii</i>	Maidens wattle		

Δ	<i>Alphitonia excelsa</i>	Soap tree		
Δ	<i>Banksia integrifolia</i> subsp. <i>compar</i>	Coastal banksia		
	<i>Exocarpos cupressiformis</i>	Forest cheery		
	<i>Leptospermum trinervium</i>	Shaggy barked tea tree		
Δ	<i>Petalostigma pubescens</i>	Quinine berry		
	<i>Trochocarpa laurina</i>	Tree heath		
	<i>Xylomelum benthamii</i>	Woody pear		
Tall shrubs				
	<i>Acacia buxifolia</i> subsp. <i>pubiflora</i>	Boxleaf wattle		
Δ	<i>Acacia penninervis</i>	Veined wattle		
Δ	<i>Acacia podalyriifolia</i>	Qld silver wattle		
	<i>Leptospermum lamellatum</i>	Flakey barked tea tree		RS
Δ	<i>Leptospermum polygalifolium</i>	Tantoon		
	<i>Notelaea microcarpa</i> var. <i>microcarpa</i>	Small fruited mock olive		
	<i>Persoonia sericea</i>	Hairy geebung		
	<i>Petalostigma pachyphyllum</i>	Thick leaved quinine bush		
Shrubs				
Δ	<i>Acacia complanata</i>	Flat stemmed wattle		
Δ	<i>Acacia falcata</i>	Falcate wattle		
	<i>Acacia leichhardtii</i>	Leichhardts wattle		RS
	<i>Acrotriche aggregata</i>	Red ground berry		
	<i>Astrotricha latifolia</i>	White leaf		
	<i>Banksia spinulosa</i> var. <i>collina</i>	Hill banksia		
	<i>Bertya opposens</i>	Helidon bertya		RS
Δ	<i>Bursaria spinosa</i>	Blackthorn		
	<i>Callicarpa pedunculata</i>	Velvet leaf		RS
	<i>Choretrum candollei</i>	Mistletoe bush		
	<i>Daviesia villifera</i>	Prickly pea		
	<i>Daviesia wyattiana</i>	Long leaved bitter pea		
Δ	<i>Dodonaea triangularis</i>	Ducksfoot hop bush		
	<i>Gompholobium virgatum</i>	Wedge pea		
	<i>Grevillea singuliflora</i>	Single leaved spider flower		RS
	<i>Grevillea quadricauda</i>	Four tailed spider flower		V V QLD EPBC
	<i>Hibbertia cistoidea</i>	Small flowered guinea bush		
	<i>Hibbertia linearis</i> var. <i>obtusifolia</i>	Grey guinea bush		

	<i>Hovea planifolia</i>	Broad leaved hovea		
Δ	<i>Indigofera australis</i>	Indigo		
Δ	<i>Jacksonia scoparia</i>	Dogwood		
	<i>Leionema obtusifolium</i>	Helidon leionema		V V QLD EPBC
	<i>Leucopogon biflorus</i>	Twin flowered beard heath		
	<i>Lissanthe strigose</i> subsp. <i>subulata</i>	Peach heath		
	<i>Logania albiflora</i>	Logania		
	<i>Lomatia silaifolia</i>	Crinkle bush		
	<i>Melastoma malabathricum</i>	Blue tongue		RS
	<i>Melichrus</i> sp. (Isla Gorge P.Sharpe+ 601)	Prickly urn heath		
	<i>Melichrus urceolatus</i>	Cream urn heath		
	<i>Monotoca scoparia</i>	Prickly broom heath		
	<i>Notelaea linearis</i>	Fine leaved olive		
	<i>Persoonia tenuifolia</i>	Fine leaved geebung		
	<i>Pimelea linifolia</i>	Rice flower		
	<i>Pomaderris lanigera</i>	Woolly pomaderris		
	<i>Tephrosia filipes</i>	Little tephrosia		
	<i>Wikstroemia indica</i>	Bootlace bush		
Δ	<i>Xanthorrhoea johnsonii</i>	Grass tree		
	<i>Xanthorrhoea latifolia</i>	Flat leaved grass tree		
Vines & creepers				
	<i>Billardiera scandens</i>	Hairy apple berry		
	<i>Desmodium rhytidophyllum</i>	Rusty tick trefoil		
	<i>Desmodium varians</i>	Variable tick trefoil		
Δ	<i>Eustrephus latifolius</i>	Wombat berry		
	<i>Glycine clandestina</i>	Trailing pea		
	<i>Glycine tabacina</i>	Trailing pea		
	<i>Goodenia hederacea</i>	Grey leaved goodenia		
Δ	<i>Hardenbergia violacea</i>	False sarsaparilla		
	<i>Hibbertia linearis</i>	Fine leaved guinea flower		
	<i>Kennedia procurrens</i>	Purple running pea		
	<i>Kennedia rubicunda</i>	Running postman		
	<i>Smilax australis</i>	Barbwire vine		
Herbs				
	<i>Actinotus helianthi</i>	Flannel flower		
	<i>Brunoniella australis</i>	Australian trumpet		
	<i>Chloanthes parviflora</i>	Small flowered iceplant		

Δ	<i>Chrysocephalum apiculatum</i>	Billy buttons		
	<i>Comesperma hispidulum</i>	Hairy match heads		
	<i>Crotalaria brevis</i>	Dwarf rattlepod		
	<i>Cyanthillium cinereum</i>	Vernonia		
	<i>Gompholobium foliolosum</i>	Fern leaved wedge pea		
	<i>Gompholobium pinnatum</i>	Poormans gold		
	<i>Haemodorum austroqueenslandicum</i>	bloodroot		
	<i>Hibbertia monticola</i>	Mountain guinea plant		NT QLD
	<i>Afrohybanthus enneaspermus</i>	Spade flower		
	<i>Afrohybanthus stellarioides</i>	Spade flower		
	<i>Laxmannia gracilis</i>	Wire lily		
	<i>Lobelia purpurascens</i>	Whiteroot		
	<i>Opercularia hispida</i>	Hairy stinkweed		
	<i>Patersonia sericea</i>	Hairy native iris		
	<i>Phyllanthus virgatus</i>	Twiggy Phyllanthus		
	<i>Pomax umbellata</i>	Pomax		
	<i>Poranthera microphylla</i>	Dwarf poranthera		RS
	<i>Pterocaulon redolens</i>	Pineapple daisy		
	<i>Scaevola ramosissima</i>	Fan flower		
	<i>Spermacoce multicaulis</i>	Common button plant		
	<i>Stylidium graminifolium</i>	Trigger plant		
	<i>Tetrateca thymifolia</i>	Black eyed susan		
	<i>Thysanotus tuberosus</i>	Fringe lily		
	<i>Zornia dyctiocarpa</i>	Narrow leaved zornia		
Ferns & fern-like				
	<i>Caustis blakei</i> subsp. <i>macrantha</i>	Koala fern		V QLD
	<i>Cheilanthes sieberi</i>	Mulga fern		
	<i>Cheilanthes distans</i>	Bristly cloak fern		
	<i>Pteridium esculentum</i>	Common bracken fern		
	<i>Sticherus flabellatus</i>	Umbrella fern		
Grasses				
	<i>Aristida gracilipes</i>	White speargrass		
	<i>Aristida queenslandica</i> var. <i>dissimilis</i>	White speargrass		
	<i>Aristida queenslandica</i>	Three awned grass		
	<i>Aristida vagans</i>	White speargrass		
	<i>Arundinella nepalensis</i>	Giant reedgrass		
	<i>Cymbopogon obtectus</i>	silkyheads		
Δ	<i>Cymbopogon refractus</i>	Barbwire grass		
	<i>Digitaria breviglumis</i>	Short finger grass		
	<i>Entolasia marginata</i>	Bordered panic grass		
	<i>Entolasia stricta</i>	Wiry panic		
	<i>Eragrostis brownii</i>	Browns love grass		
	<i>Eremochloa bimaculata</i>	Poverty grass		

	<i>Heteropogon contortus</i>	Black speargrass		
	<i>Imperata cylindrica</i>	Blady grass		
	<i>Panicum effusum</i>	Hairy panic		
	<i>Paspalidium grandispiculatum</i>	Helidon panic		V V QLD EPBC
Δ	<i>Themeda triandra</i>	Kangaroo grass		
Grass like species				
Δ	<i>Dianella brevipedunculata</i>	Bent leaved flax lily		
Δ	<i>Dianella caerulea</i>	Blue flax lily		
	<i>Dianella rara</i>	Dwarf flax lily		
	<i>Dianella revoluta</i>	Revolute leaved flax lily		
	<i>Fimbristylis dichotoma</i>	Finger rush		
	<i>Gahnia clarkei</i>	Swamp sword sedge		RS
	<i>Lepidosperma laterale</i>	Variable sword sedge		
	<i>Lomandra confertifolia</i> subsp. <i>confertifolia</i>	Mountain matrush		
	<i>Lomandra confertifolia</i> subsp. <i>pallida</i>	Hillside mat rush		
	<i>Lomandra filiformis</i>	Fine leaved mat rush		
	<i>Lomandra laxa</i>	Broad leaved mat rush		
	<i>Lomandra multiflora</i>	Many flowered mat rush		
Orchids				
	<i>Cymbidium canaliculatum</i>	Black orchid		
	<i>Erythrorchis cassythoides</i>	Black bootlace orchid		
Mistletoes				
	<i>Dendrophthoe vitellina</i>	Orange flowered mistletoe		

Planting Note for 12.9-10.5a

Woodland complex often with *Corymbia trachyphloia* subsp. *trachyphloia*, *C. citriodora* subsp. *variegata*, *Eucalyptus crebra*, *E. fibrosa* subsp. *fibrosa* on quartzose sandstone.

Planting intervals and percentages:

- *Eucalyptus/Corymbia/Angophora* spp. should make up 100% of the canopy species.
- Planting intervals of 4 metres.
- Remaining species evenly distributed.

Site preparation

- Firstly, consider if the site is suitable – areas that are moisture retentive usually give the best results e.g., creek/river, rich scrub soils and floodplains.
- Consider whether the planting area can be deep ripped, or hand planted.
- Is the site safe from predators e.g. livestock, hares and wallabies.
- The site may have to be fenced off.
- Tree protection bags may have to be used.
- Deep ripping firstly and allowing rain to enter the riplines over weeks or even months is beneficial.
- When hand planting pre-wet the holes with water and a small amount of detergent or use water retentive crystals wet or dry.
- Use only healthy well rooted stock plants native to the ecosystem you are planting in.
- Use deep native tubes for eucalypts, and/or 150mm pots with rainforest species.
- Additives to the planting hole e.g., gypsum, crusher dust, diatomaceous products, seaweed, or fish emulsion
- Use organic slow-release fertilisers in granules or pellet form. These can be placed in the hole before planting or on top before or after mulching. They should always be watered in.
- Staking should not be necessary unless they are being used as markers only.
- Construct a shallow basin when planting so water can enter root area of plant.
- Use mulch e.g., hay, straw, sugar cane, woodchip, tub ground green waste (strips of wood and bark), rocks if available, gravel, and crusher dust.
- Water in tubes with 2 litres or more and 4 litres for 150mm pots. Plants will do best with 4 litres of water per plant per week for up to 6 weeks.
- Maintenance will need to be carried out for at least 12 months or more. Regular herbicide spraying using appropriate herbicides or manual removal of weeds. Periodic replacement of mulches as they break down.

