

Species List for Regional Ecosystem 12.9-10.3

Eucalyptus moluccana on sedimentary rocks

Description: Eucalyptus moluccana ± Corymbia citriodora open-forest. Other species include Eucalyptus siderophloia or E. crebra, E. tereticornis. Understorey generally sparse but can become shrubby in absence of fire. Occurs on Cainozoic and Mesozoic sediments, especially shale's.































Additional Information:


























- In areas with vine thicket (Dry rainforest/Scrub) present, the understorey can be made up of rainforest species.
- The animal symbols represent the habitat/food resource of a particular animal.
- The column C denotes the conservation status of a particular species of plant, E is Endangered, NT is Near Threatened, and V is Vulnerable.
- Check planting notes for further information.
- **Δ** denotes a species that is commercially available and used for revegetation.
- RS – regionally significant – LVRC Lockyer Valley Regional Council.
























Habitat values:











- Potential occurrence of Acacia blakei subsp. diphylla, Acacia montana, Bertya opposens, Melaleuca formosa, Eucalyptus sideroxylon.
- Potential occurrence of Red goshawk, Black-chinned honeyeater, Powerful owl, Spotted-tailed quoll.










Conservation Status of Regional Ecosystem: Of concern (Queensland Vegetation Management Act 1999).

Available	SCIENTIFIC NAME	COMMON NAME	Fauna	C
Trees				
Δ	<i>Acacia melanoxylon</i>	Blackwood wattle		
Δ	<i>Angophora floribunda</i>	A wattle		
Δ	<i>Angophora leiocarpa</i>	Smooth barked apple		
Δ	<i>Brachychiton populneus</i>	Kurrajong		
Δ	<i>Corymbia citriodora</i> subsp. <i>variegata</i>	Spotted gum		
Δ	<i>Corymbia intermedia</i>	Pink bloodwood		
Δ	<i>Corymbia tessellaris</i>	More ton bay ash		
	<i>Corymbia trachyphloia</i>	Brown bloodwood		
Δ	<i>Cupaniopsis parvifolia</i>	Small leaved tuckeroo		
	<i>Eucalyptus acmenoides</i>	White mahogany		
	<i>Eucalyptus biturbinata</i>	Mountain grey gum		
Δ	<i>Eucalyptus crebra</i>	Narrow leaved ironbark		
	<i>Eucalyptus eugenioides</i>	Thin leaved Stringybark		
	<i>Eucalyptus fibrosa</i>	Large leaved ironbark		
	<i>Eucalyptus major</i>	Grey gum		
Δ	<i>Eucalyptus melliodora</i>	Yellow box		
Δ	<i>Eucalyptus moluccana</i>	Gum topped box		
	<i>Eucalyptus siderophloia</i>	Grey ironbark		
	<i>Eucalyptus sideroxylon</i>	Mugga		
Δ	<i>Eucalyptus tereticornis</i>	Blue gum		
Δ	<i>Ficus obliqua</i>	Small leaved Moreton bay fig		
Δ	<i>Flindersia australis</i>	Crows ash		
Δ	<i>Flindersia collina</i>	Leopard ash		
Δ	<i>Lophostemon confertus</i>	Brush box		
Δ	<i>Lophostemon suaveolens</i>	Swamp box		
Small trees				
Δ	<i>Acacia concurrens</i>	Black wattle		
Δ	<i>Acacia disparrima</i>	Hickory wattle		
Δ	<i>Acacia fimbriata</i>	Fringed wattle		
Δ	<i>Acacia glaucocarpa</i>	Ferny wattle		
Δ	<i>Acacia leiocalyx</i>	Early flowering wattle		

























Δ	<i>Acacia maidenii</i>	Maidens wattle		
	<i>Alectryon diversifolius</i>	Scrub boonaree		
Δ	<i>Allocasuarina littoralis</i>	Black she-oak		
Δ	<i>Allocasuarina torulosa</i>	Forest she-oak		
Δ	<i>Alphitonia excelsa</i>	Soap tree, red ash		
Δ	<i>Alstonia constricta</i>	Bitter bark		
	<i>Bridelia exaltata</i>	Large leaf scrub ironbark		
	<i>Bridelia leichhardtii</i>	Small leaf scrub ironbark		
	<i>Denhamia pittosporoides</i>	Veiny denhamia		
	<i>Diospyros geminata</i>	Scaly ebony		
	<i>Exocarpos cupressiformis</i>	Forest cherry, forest ballart		
Δ	<i>Ficus coronata</i>	Creek sandpaper fig		
Δ	<i>Ficus opposita</i>	Scrub sandpaper fig		
Δ	<i>Glochidion ferdinandi</i>	Cheese tree		
Δ	<i>Jagera pseudorhus</i>	Foam bark		
	<i>Maytenus bilocularis</i>	Orange bark		
Δ	<i>Melia azedarach</i>	White cedar		
Δ	<i>Myrsine variabilis</i>	Muttonwood		
	<i>Notelaea microcarpa</i>	Small fruited mock olive		
Δ	<i>Petalostigma pubescens</i>	Quinine berry, birth control tree		
Δ	<i>Polyscias elegans</i>	Celery wood		
Δ	<i>Trema tomentosa</i>	Poison peach		
Shrubs				
	<i>Acacia blakei</i> subsp. <i>diphylla</i>	Blake's wattle		RS
Δ	<i>Acacia falcata</i>	Falcate wattle		
	<i>Acacia montana</i>	Mountain wattle		RS
	<i>Achyranthes aspera</i>	Devils horse whip, chaff flower		
Δ	<i>Alyxia ruscifolia</i>	Chain fruit, prickly Lixy		
	<i>Bertya opposens</i>	Bertya		V EPBC
Δ	<i>Breynia oblongifolia</i>	Coffee bush, dwarf apple		
Δ	<i>Bursaria spinosa</i>	Blackthorn		
Δ	<i>Carissa ovata</i>	Currant bush		
	<i>Cassinia laevis</i>	Scrub cough bush		
	<i>Cassinia quinquefaria</i>	Forest cough bush		

	<i>Choretrum candollei</i>	Mistletoe bush		
Δ	<i>Cyclophyllum coprosmoides</i>	Coastal coffee		
	<i>Daviesia genistifolia</i>	Native gorse		
	<i>Daviesia ulicifolia</i>	Native gorse		
	<i>Daviesia villifera</i>	Prickly pea		
	<i>Dodonaea triangularis</i>	Ducks foot hop bush		
Δ	<i>Dodonaea triquetra</i>	Hop bush		
Δ	<i>Dodonaea viscosa</i>	Sticky hop bush		
Δ	<i>Elaeodendron australe</i>	Red olive plum		
Δ	<i>Grewia latifolia</i>	Dogs balls, dysentery bush		
Δ	<i>Indigofera australis</i>	Native indigo		
Δ	<i>Jacksonia scoparia</i>	Dogwood		
	<i>Lespedeza juncea</i>	Lespedeza		
	<i>Leucopogon biflorus</i>	Twin flowered prickly heath		
	<i>Leucopogon juniperinus</i>	Dwarf prickly heath		
	<i>Leucopogon trichostylus</i>	Tall prickly heath		
	<i>Maytenus cunninghamii</i>	Narrow leaf orange bush		
Δ	<i>Melaleuca formosa</i>	White bottlebrush		NT Qld
Δ	<i>Myoporum montanum</i>	Water bush, Boobiolla		
Δ	<i>Pittosporum viscidum</i>	Birds nest bush		
	<i>Psydrax odorata</i>	Sweet Susie		
	<i>Senna barclayana</i>	Scrub Senna		
	<i>Senna sophora</i> sp. (40 Mile Scrub)	Hairy Senna		
	<i>Sigesbeckia orientalis</i>	Indian weed		
	<i>Xanthorrhoea johnsonii</i>	Grass tree		
	<i>Xanthorrhoea latifolia</i>	Grass tree		
Vines				
	<i>Cayratia clematidea</i>	Five leaf grape		
	<i>Celastrus subspicata</i>	Staff vine		
	<i>Cissus opaca</i>	Slender grape		
Δ	<i>Eustrephus latifolius</i>	Wombat berry		
	<i>Galactia tenuiflora</i>			
Δ	<i>Geitonoplesium cymosum</i>	Scrambling lily		
	<i>Glycine clandestina</i>	Trailing pea		
	<i>Glycine tabacina</i>	Trailing pea		
	<i>Glycine tomentella</i>	Hairy trailing pea		
Δ	<i>Hardenbergia violacea</i>	Sarsaparilla vine		

Δ	<i>Jasminum didymum subsp. racemosum</i>	Slender jasmine, three leaf jasmine		
Δ	<i>Jasminum simplicifolium subsp. australiense</i>	Stiff jasmine		
Δ	<i>Jasminum suavissimum</i>	Grassy jasmine		
	<i>Marsdenia lloydii</i>	Lloyd's milk vine		
	<i>Parsonsia eucalyptophylla</i>	Gum leaf silk pod vine		
Δ	<i>Parsonsia straminea</i>	Monkey rope vine		
Δ	<i>Smilax australis</i>	Barbwire vine		
	<i>Tragia novae-hollandiae</i>	Stinging vine		
Herbs				
	<i>Ajuga australis</i>	Australian bugle		
	<i>Artanema fimbriatum</i>	Koala bells		
	<i>Asperula conferta</i>	White Asperula		
	<i>Brunoniella australis</i>	Blue trumpet		
	<i>Cassytha filiformis</i>	Dodder		
	<i>Centipeda minima</i>	Spreading sneezeweed		
	<i>Chamaecrista nomame</i>			
	<i>Chorizema parviflorum</i>	Slender Chorizema		
Δ	<i>Chrysocephalum apiculatum</i>	Yellow buttons		
	<i>Convolvulus erubescens</i>	Bindweed		
	<i>Crotalaria montana</i>	Blue leaf rattlepod		
	<i>Cyanthillium cinereum</i>	Vernonia		
	<i>Desmodium brachypodium</i>	Trefoil		
	<i>Desmodium gunnii</i>	Trefoil		
	<i>Desmodium rhytidophyllum</i>	Rusty trefoil		
	<i>Desmodium varians</i>	Trefoil		
	<i>Einadia hastata</i>	Ruby salt bush		
	<i>Epaltes australis</i>	Epaltes		
Δ	<i>Eremophila debilis</i>	Winter berry, winter berry		
	<i>Flemingia parviflora</i>	Flemingia		
	<i>Glossocardia bidens</i>	Native cobbler pegs		
	<i>Goodenia rotundifolia</i>	Round leaf Goodenia		
	<i>Hybanthus monopetalus</i>	Lady's slipper		
	<i>Hybanthus stellarioides</i>	Spade flower		
	<i>Laxmannia gracilis</i>	Wiry lily		
	<i>Lobelia purpurascens</i>	White root		
	<i>Mentha diemenica</i>	Native mint		
	<i>Murdannia graminea</i>	Slug lily		

	<i>Oxalis chnoodes</i>	Hairy oxalis		
	<i>Peripleura hispidula</i>	A daisy		
	<i>Plantago debilis</i>	Plantain		
	<i>Polymeria calycina</i>	Slender bindweed		
	<i>Pomax umbellata</i>	Pomax		
Δ	<i>Pseuderanthemum variable</i>	Love flower		
	<i>Pterocaulon redolens</i>	Pineapple daisy		
	<i>Rostellularia adscendens</i>	Blue tongue		
	<i>Senecio spanomerus</i>	Variabile groundsel		
	<i>Sida subspicata</i>	Spiked sida		
	<i>Spermacoce brachystema</i>	Hairy Spermacoce		
	<i>Spermacoce multicaulis</i>			
	<i>Swainsona galigifolia</i>	Pink pea		
	<i>Tricoryne elatior</i>			
	<i>Veronica plebeia</i>	Baby blue eyes		
	<i>Vittadinia cuneata</i>	A daisy		
	<i>Vittadinia dissecta</i>	A daisy		
	<i>Wahlenbergia communis</i>	A blue bell		
	<i>Wahlenbergia gracilis</i>	A blue bell		
	<i>Zornia dyctiocarpa</i>	Yellow pea		
Ferns				
	<i>Adiantum atroviride</i>	Common maidenhair fern		
	<i>Adiantum hispidulum</i>	Rough maidenhair fern		
	<i>Cheilanthes distans</i>	Bristly cloak fern		
	<i>Cheilanthes sieberi</i>	Mulga fern		
	<i>Drynaria rigidula</i> (on rocks)	Basket fern		
Grasses				
	<i>Alloteropsis semialata</i>	Cockatoo grass		
	<i>Ancistrachne uncinulata</i>	Hooky grass		
	<i>Aristida calycina</i>	A wire grass		
	<i>Aristida gracilipes</i>	A wire grass		
	<i>Aristida benthamii</i>	A wire grass		
	<i>Aristida lignosa</i>	A wire grass		
	<i>Aristida personata</i>	A wire grass		
	<i>Aristida queenslandica</i>	A wire grass		

	<i>Aristida ramosa</i>	Purple wiregrass		
	<i>Aristida vagans</i>	A wire grass		
	<i>Arundinella nepalensis</i>	Reed grass		
	<i>Austrostipa aristiglumis</i>	Plains bamboo grass		
Δ	<i>Austrostipa ramosissima</i>	Stout bamboo grass		
	<i>Bothriochloa decipiens</i>	Pitted blue grass		
	<i>Brachiaria foliosa</i>	Leafy panic		
	<i>Capillipedium parviflorum</i>	Scented top		
	<i>Chloris divaricata</i>	Slender Chloris		
	<i>Chloris truncata</i>	Windmill grass		
	<i>Chrysopogon fallax</i>	Golden beard grass		
	<i>Chrysopogon sylvaticus</i>	Tufted beard grass		
Δ	<i>Cymbopogon refractus</i>	Barbwire grass	 	
	<i>Cynodon dactylon</i>	Green couch	 	
	<i>Dichanthium tenue</i>	Small bluegrass		
	<i>Dichelachne micrantha</i>	Shorthair plume grass		
	<i>Digitaria diffusa</i>	Open summer grass		
	<i>Digitaria parviflora</i>	Small-flowered finger grass		
	<i>Digitaria ramularis</i>			
	<i>Echinopogon ovatus</i>	Forest hedgehog grass		
	<i>Enneapogon lindleyanus</i>	Conetop nineawn		
	<i>Enteropogon unispiceus</i>	Windmill grass		
	<i>Entolasia stricta</i>	Wiry panic		
	<i>Eragrostis brownii</i>	Brown's love grass		
	<i>Eragrostis lacunaria</i>	Purple love grass		
	<i>Eragrostis leptostachya</i>	Paddock love grass		
	<i>Eragrostis megalosperma</i>	Large seeded love grass		

	<i>Eragrostis spartinoides</i>	Poor love grass		
	<i>Eremochloa bimaculata</i>	Poverty grass		
	<i>Heteropogon contortus</i>	Black spear grass		
	<i>Imperata cylindrica</i>	Blady grass	 	
	<i>Leptochloa decipiens</i>	Slender canegrass		
Δ	<i>Oplismenus aemulus</i>	Creeping shade grass	 	
	<i>Panicum decompositum</i>	Native millet		
	<i>Panicum effusum</i> var. <i>effusum</i>	Hairy panic		
	<i>Panicum effusum</i> var. <i>simile</i>	Hairy panic		
	<i>Paspalidium criniforme</i>	Fine panic		
	<i>Paspalidium distans</i>	Shotgrass		
	<i>Paspalidium gracile</i>	Slender panic		
	<i>Paspalum scrobiculatum</i>	Scrobic		
Δ	<i>Poa sieberiana</i>	Grey tussock grass		
	<i>Sporobolus creber</i>	Slender rat's tail grass		
	<i>Sporobolus elongatus</i>	Slender rat's tail		
	<i>Sporobolus laxis</i>	Rat's tail grass		
Δ	<i>Themeda triandra</i>	Kangaroo grass	 	
Grass like species				
	<i>Cyperus fulvus</i>	A sedge		
	<i>Cyperus gracilis</i>	Whisker grass, slender sedge		
	<i>Cyperus haspan</i>	A sedge		
	<i>Cyperus polystachyos</i>	A sedge		
Δ	<i>Dianella brevipedunculata</i>	Bent leaved flax lily		
	<i>Dianella caerulea</i> var. <i>vannata</i>	Blue flax lily		
	<i>Dianella longifolia</i>	Tall flowered flax lily		
	<i>Dianella rara</i>	Dwarf flax lily		
	<i>Dianella revoluta</i>	Blue flax lily		
	<i>Gahnia aspera</i>	Razor sedge		

	<i>Hypoxis pratensis</i>			
	<i>Laxmannia gracilis</i>	Wire lily		
	<i>Lepidosperma laterale</i>	Sword sedge		
	<i>Scleria mackaviensis</i>	A sedge		
	<i>Scleria sphacelata</i>	A sedge		
Epiphytes				
	<i>Cymbidium canaliculatum</i>	Black orchid		
Mistletoes				
	<i>Amyema bifurcatum</i>	Weeping mistletoe		
	<i>Amyema congener</i>	Variable mistletoe		
	<i>Amyema conspicua</i>	Alphitonia mistletoe		
	<i>Amyema miquelii</i>	Bronze mistletoe		
	<i>Dendrophthoe vitellina</i>	Apostle mistletoe		

Planting Note for 12.9-10.3

Eucalyptus moluccana on sedimentary rocks

Additional Information:

- In areas with vine thicket (Dry rainforest/Scrub) present nearby, the understorey can consist of a large percentage of rainforest species from regional ecosystem 12.9-10.15/12.8.21.

Planting intervals and percentages:

- Eucalyptus moluccana should be planted at 80%
- Planting for E. Moluccana should be at 2m intervals.
- Remaining species including trees evenly distributed with the exception of grass species which can be planted at 1 metre intervals.

Site preparation:

- Firstly consider if the site is suitable – areas that are moisture retentive usually give the best results e.g. creek/river 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 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 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.

