

Species List for Regional Ecosystem 12.3.7

Eucalyptus tereticornis, Melaleuca viminalis, Casuarina cunninghamiana fringing forest

Description: Common species in this regional ecosystem include Blue gum (*Eucalyptus tereticornis*), Creek Bottle Brush (*Melaleuca viminalis*), She-oak (*Casuarina cunninghamiana*), and Black Tea-tree (*Melaleuca bracteata*). Understorey of, Native Frangipani (*Hymenosporum flavum*), Sweet Pittosporum (*Pittosporum undulatum*) & Diamond Hollywood (*Auranticarpa rhombifolia*), Mat rushes (*Lomandra* spp.), ferns (*Adiantum*, *Christella*, *Pellaea*, *Doodia*, *Pteridium*), herbs *Coleus* (*Plectranthus* spp.), Vines (*Pandorea*, *Maclura*, *Jasminum*, *Malaisia*, and *Parsonsia*).
















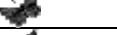
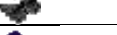





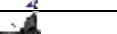
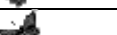





Additional Information:





































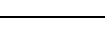
- In areas with vine thicket (Dry rainforest/Scrub) present nearby, the understorey can contain a large percentage of rainforest species when close to these regional ecosystems 12.9-10.15/12.8.21.
- The animal symbols represent the habitat/food resource of a particular animal.
- The column C denotes the conservation status of a particular species of plant, E is Endangered, V is Vulnerable, and NT Near threatened.
- Δ denotes a species that is commercially available, suitable and used for revegetation.
- RS – regionally significant – LVRC Lockyer Valley Regional Council.






























Habitat values:

























- Tusked frog, Greenstripe frog, Superb collared-frog, Warty water-holding frog, Salmon-striped frog, Red Goshawk, Powerful owl, Lewin's rail, Painted snipe, Spotted-tailed quoll, Koala.














Conservation Status of Regional Ecosystem: Not of Concern at present (Queensland Vegetation Management Act 1999).


























Available	Scientific name	Common name	Fauna	Status
Trees				
Δ	<i>Angophora floribunda</i>	Rough barked apple		C
Δ	<i>Angophora subvelutina</i>	Broad leaf apple		C
	<i>Aphananthe philippinensis</i>	Rough leaf elm		C
Δ	<i>Castanospermum australe</i>	Black bean		C
Δ	<i>Casuarina cunninghamiana</i>	Creek she-oak		C
Δ	<i>Casuarina glauca</i>	Swamp she-oak		C
Δ	<i>Corymbia tessellaris</i>	Moreton bay ash		C
	<i>Cryptocarya triplinervis</i>	Three veined laurel		C
Δ	<i>Cupaniopsis parvifolia</i>	Small leaf tuckeroo		C
	<i>Elaeocarpus obovatus</i>	Hard quandong		C
Δ	<i>Eucalyptus melanophloia</i>	Silver leaf ironbark		C
Δ	<i>Eucalyptus moluccana</i>	Gum topped box		C
Δ	<i>Eucalyptus tereticornis</i>	Blue gum		C
	<i>Euroschinus falcata</i>	Ribbon wood		C
Δ	<i>Ficus macrophylla</i>	Moreton bay fig		C
Δ	<i>Ficus rubiginosa</i>	Small leaf Moreton bay fig		C
Δ	<i>Ficus virens</i>	Deciduous fig		C
Δ	<i>Flindersia australis</i>	Crows ash		C
Δ	<i>Flindersia collina</i>	Leopard ash		C
Δ	<i>Grevillea robusta</i>	Silky oak		C
Δ	<i>Lophostemon confertus</i>	Brush box		C
Δ	<i>Lophostemon suaveolens</i>	Swamp box		C
Δ	<i>Melaleuca bracteata</i>	Black tea-tree		C
Δ	<i>Melaleuca viminalis</i>	Creek bottle brush		C
	<i>Olea paniculata</i>	Native olive		C
Δ	<i>Toona ciliata</i>	Red cedar		C
Δ	<i>Waterhousea floribunda</i> (reported from Lockyer Creek Brightview, and Murphys Creek only)	Weeping lilly pilly		C
Small trees				
Δ	<i>Acacia concurrens</i>	Black Wattle		C
Δ	<i>Acacia disparrima</i>	Hickory wattle		C
Δ	<i>Acacia fasciculifera</i>	Rosewood wattle		C
Δ	<i>Acacia fimbriata</i>	Fringed wattle		C









Δ	<i>Acacia glaucocarpa</i>	Ferny wattle		C
	<i>Acacia irrorata</i>	Green wattle		C
Δ	<i>Acacia leiocalyx</i>	Early Flowering wattle		C
Δ	<i>Acacia maidenii</i>	Maidens wattle		C
Δ	<i>Acacia melanoxylon</i>	Blackwood wattle		C
Δ	<i>Acmena smithii</i>	Creek lilly pilly	 	C
	<i>Alectryon connatus</i>	Grey birds eye		C
	<i>Alectryon diversifolius</i>	Scrub Boonaree		C
	<i>Alectryon subdentatus</i>	Hard birds eye		C
	<i>Alectryon tomentosus</i>	Hairy birds eye		C
Δ	<i>Alphitonia excelsa</i>	Soap tree		C
Δ	<i>Alstonia constricta</i>	Bitter bark		C
	<i>Arytera divaricata</i>	Coogera		C
	<i>Arytera foveolata</i>	Pitted Coogera		C
Δ	<i>Auranticarpa rhombifolia</i>	Diamond holly		C
Δ	<i>Babingtonia collina</i>	Twiggy myrtle		C
	<i>Bridelia exaltata</i>	Large leaf scrub ironbark		C
	<i>Bridelia leichhardtii</i>	Small leaf scrub ironbark		C
Δ	<i>Bursaria incana</i>	Prickly pine		C
	<i>Capparis arborea</i>	Native pomegranate		C
	<i>Capparis mitchellii</i>	Wild orange		C
	<i>Clerodendrum floribundum</i>	Smooth lolly bush		C
	<i>Cyclophyllum coprosmoides</i>	Coastal coffee		C
	<i>Diospyros geminata</i>	Scaly ebony		C
	<i>Drypetes deplanchei</i>	Yellow tulip		C
	<i>Elaeodendron australe</i>	Red olive plum		C
Δ	<i>Elattostachys xylocarpa</i>	Scrub beetroot		C
	<i>Erythrina vespertilio</i>	Bats wing coral tree		C
	<i>Everistia vacciniifolia</i>	Small leaf Everistia		C
	<i>Excoecaria dallachyana</i>	Scrub poison tree		C
Δ	<i>Ficus coronata</i>	Creek sandpaper fig	 	C
	<i>Ficus fraseri</i>	Sandpaper fig	 	C
Δ	<i>Ficus opposita</i>	Scrub sandpaper fig	 	C
	<i>Geijera salicifolia</i>	Scrub wilga		C
Δ	<i>Glochidion ferdinandi</i>	Cheese tree		C
Δ	<i>Hymenosporum flavum</i>	Native frangipani		C
Δ	<i>Jagera pseudorhus</i>	Foam bark		C

	<i>Mallotus claoxyloides</i>	Green kamala		C
Δ	<i>Mallotus philippensis</i>	Red kamala		C
	<i>Maytenus disperma</i>	Orange bark		C
Δ	<i>Melia azedarach</i>	White cedar		C
	<i>Notelaea longifolia</i>	Large leaved mock olive		C
	<i>Notelaea microcarpa</i>	Small fruited mock olive		C
Δ	<i>Pittosporum undulatum</i>	Sweet pittosporum		C
	<i>Polyscias elegans</i>	Celerywood		C
	<i>Psydrax buxifolia</i>	Shiny leaf Psydrax		C
	<i>Psydrax odorata</i>	Sweet Suzie		C
Δ	<i>Sterculia quadrifida</i>	Peanut tree		C
Δ	<i>Streblus brunonianus</i>	Whalebone tree		C
Δ	<i>Syzygium australe</i>	Creek cherry		C
Δ	<i>Trema tomentosa</i>	Poison peach		C
Shrubs				
Δ	<i>Alchornea ilicifolia</i>	Native holly		C
	<i>Alyxia ruscifolia</i>	Chain fruit		C
Δ	<i>Breynia oblongifolia</i>	Dwarf apple		C
Δ	<i>Bursaria spinosa</i>	Blackthorn		C
	<i>Carissa ovata</i>	Currant bush		C
	<i>Clerodendrum tomentosum</i>	Hairy lolly bush		C
Δ	<i>Cordyline petiolaris</i>	Broad leaf palm lily		C
Δ	<i>Cordyline rubra</i>	Red fruited palm lily		C
	<i>Grewia latifolia</i>	Dog nuts		C
Δ	<i>Pavetta australiensis</i>	Butterfly bush		C
Δ	<i>Pittosporum revolutum</i>	Hairy laurel		C
Δ	<i>Pittosporum viscidum</i>	Birds nest bush		C
	<i>Psychotria daphnoides</i>	Smooth Daphnoides		C
	<i>Psychotria loniceroides</i>	Hairy Psychotria		C
Vines				
	<i>Austrosteenisia blackii</i>	Blood vine		C
Δ	<i>Cayratia (Causonis) clematidea</i>	Five leaf grape		C
Δ	<i>Cissus antarctica</i>	Native grape		C
Δ	<i>Clematicissus opaca</i>	Slender grape		C
	<i>Clematis glycinoides</i>	Headache vine		C
	<i>Derris involuta</i>	Fish poison vine		C
	<i>Dioscorea transversa</i>	Native yam		C
	<i>Diplocyclos palmatus</i>	Striped cucumber		C
Δ	<i>Eustrephus latifolius</i>	Wombat berry		C
Δ	<i>Geitonoplesium cymosum</i>	Scrambling lily		C

	<i>Hippocratea barbata</i> (<i>Loeseneriella barbata</i>)	Knot vine		C
Δ	<i>Jasminum didymium</i> subsp. <i>racemosum</i>	Slender jasmine		C
Δ	<i>Jasminum simplicifolium</i> subsp. <i>australiense</i>	Stiff jasmine		C
	<i>Legnephora moorei</i>	Big leaf vine		C
Δ	<i>Maclura cochinchinensis</i>	Cockspur vine		C
	<i>Melodorum leichhardtii</i> (<i>Uvaria leichhardtii</i>)	Zig-zag vine		C
Δ	<i>Pandorea jasminoides</i>	Scrub wonga vine		C
Δ	<i>Pandorea pandorana</i>	Wonga vine		C
	<i>Pandorea floribunda</i>	Yellow wonga vine		C
Δ	<i>Parsonsia straminea</i>	Monkey rope vine		C
Δ	<i>Smilax australis</i>	Barbwire vine		C
	<i>Stephania japonica</i>	Tape vine		C
Δ	<i>Malaisia scandens</i>	Burny vine		C
Creepers				
	<i>Convolvulus erubescens</i>	Australian Bindweed		C
	<i>Desmodium rhytidophyllum</i>	Rusty trefoil		C
Δ	<i>Eremophila debilis</i>	Winter apple		C
	<i>Evolvulus alsinoides</i>	Baby blue eyes		C
	<i>Glycine clandestina</i>	Trailing pea		C
	<i>Glycine tabacina</i>	Trailing pea		C
	<i>Polymeria calycina</i>	Slender Bindweed		C
	<i>Rubus moluccanus</i>	Large leaf raspberry		C
	<i>Rubus parvifolius</i>	Small leaf raspberry		C
	<i>Rubus rosifolius</i>	Rose leaf raspberry		C
Grasses				
	<i>Bothriochloa decipiens</i>	Pitted blue grass		C
	<i>Capillipedium spicigerum</i>	Scented top		C
Δ	<i>Cymbopogon refractus</i>	Barbwire grass		C
	<i>Cynodon dactylon</i>	Green couch		C
Δ	<i>Heteropogon contortus</i>	Black spear grass		C
Δ	<i>Imperata cylindrica</i>	Blady grass		C
Δ	<i>Microlaena stipoides</i>	Rice meadow grass		C
	<i>Oplismenus aemulus</i>	Creeping shade grass		C
Δ	<i>Themeda triandra</i>	Kangaroo grass		C

Herbs				
	<i>Achyranthes aspera</i>	Devils horse whip		C
	<i>Ajuga australis</i>	Blue trumpet		C
	<i>Alternanthera nana</i>	Dwarf knot plant		C
	<i>Aneilema acuminatum</i>	White wandering jew		C
	<i>Aneilema biflorum</i>	Twin flower wandering jew		C
	<i>Brunoniella australis</i>	Blue trumpet		C
	<i>Centella asiatica</i>	Pennywort		C
	<i>Commelina cyanea</i>	Blue wandering jew		C
	<i>Cyanthillium cinereum</i>	Vernonia		C
Δ	<i>Dianella brevipedunculata</i>	Bent leaf flax lily		C
Δ	<i>Dianella caerulea</i>	Blue flax lily		C
	<i>Dichondra repens</i>	Kidney plant		C
	<i>Einadia hastata</i> (<i>Chenopodium robertianum</i>)	Ruby salt bush		C
	<i>Flemingia parviflorus</i>	Flemingia		C
	<i>Gahnia aspera</i>	Sword sedge		C
	<i>Hybanthus monopetalus</i>	Lady's slipper		C
	<i>Hybanthus stellarioides</i> (<i>Afrohybanthus stellarioides</i>)	Spade flower		C
	<i>Hydrocotyle acutiloba</i>	Pennywort		C
	<i>Hydrocotyle laxiflora</i>	Stinking pennywort		C
	<i>Lobelia purpurescens</i>	White root		C
	<i>Nyssanthes diffusa</i>	Barbwire plant		C
	<i>Physalis minima</i>	Native gooseberry		C
	<i>Plantago debilis</i>	Plantain		C
Δ	<i>Coleus australis</i> (<i>Plectranthus parviflorus</i>)	Small flowered coleus		C
	<i>Pseuderanthemum variable</i>	Love flower		C
	<i>Urtica incisa</i>	Stinging nettle		C
Aquatic & Semi-aquatic				
	<i>Alternanthera denticulata</i>	Lesser joyweed		C
	<i>Azolla filiculoides</i>	Azolla		C
	<i>Azolla pinnata</i>	Azolla		C
	<i>Carex appressa</i>	Tall sedge		C
	<i>Cyperus difformis</i>	A sedge		C
	<i>Cyperus exaltatus</i>	Giant sedge		C
	<i>Cyperus fulvus</i>	A sedge		C

	<i>Cyperus gracilis</i>	Whisker grass		C
	<i>Eclipta prostrata</i>	White Eclipta		C
	<i>Eleocharis dulcis</i>	Water chestnut		C
	<i>Fimbristylis dichotoma</i>	Finger rush		C
	<i>Juncus continuus</i>	A reed		C
	<i>Juncus polyanthemus</i>	A reed		C
Δ	<i>Juncus usitatus</i>	A reed		C
	<i>Leersia hexandra</i>	Swamp ricegrass		C
Δ	<i>Lomandra hystrix</i>	Creek mat rush		C
Δ	<i>Lomandra longifolia</i>	Creek mat rush		C
	<i>Marsilea hirsuta</i>	Hairy nardoo		C
	<i>Marsilea mutica</i>	Smooth nardoo		C
	<i>Nymphaea gigantea</i>	Giant water lily		C
	<i>Nymphoides indica</i>	snowflake		C
	<i>Ottelia ovalifolia</i>	Swamp lily		C
	<i>Persicaria attenuata</i>	White smart plant		C
	<i>Persicaria decipiens</i>	Slender smart plant		C
	<i>Persicaria elatior</i>	A Smart plant		C
	<i>Persicaria hydropiper</i>	Water pepper		C
	<i>Persicaria lapanthifolia</i>	Pale smart plant		C
	<i>Persicaria orientalis</i>	Prince's feather		C
	<i>Schoenoplectus mucronatus</i> (<i>Schoenoplectiella mucronata</i>)	Club rush		C
	<i>Schoenoplectus Validus</i> (<i>Schoenoplectus tabernaemontani</i>)	Club rush		C
	<i>Triglochin procerum</i> (<i>Cycnogeton procerum</i>)	Water ribbons		C
	<i>Typha orientalis</i>	Bulrush		C
Ferns				
	<i>Adiantum atroviride</i>	Common maidenhair fern		C
	<i>Adiantum formosum</i>	Giant maidenhair fern		C
	<i>Adiantum hispidulum</i>	Rough maidenhair fern		C
	<i>Cheilanthes distans</i>	Bristly cloak fern		C
	<i>Cheilanthes sieberi</i>	Mulga fern		C
	<i>Christella dentata</i>	Water fern		C

	<i>Doodia aspera</i> (Blechnum neohollandicum)	Rasp fern		C
	<i>Doodia caudata</i> (Doodia australis)	Narrow rasp fern		C
	<i>Pellaea falcata</i>	Tall sickle fern		C
	<i>Pellaea nana</i>	Dwarf sickle fern		C
	<i>Pellaea paradoxa</i>	Sickle fern		C
	<i>Pteridium esculentum</i>	Common bracken fern		C
Epiphytes				
	<i>Asplenium attenuatum</i>	Walking fern		C
	<i>Asplenium australasicum</i>	Birds nest fern		C
	<i>Dendrobium kingianum</i>	Pink rock orchid		C
	<i>Dendrobium speciosum</i>	King orchid		C
	<i>Dockrillia bowmanii</i>	Scrub pencil orchid		C
	<i>Dockrillia teretifolia</i>	Pencil orchid		C
	<i>Platycterium bifurcatum</i>	Elkhorn fern		C
	<i>Platycterium superbum</i>	Staghorn fern		C
	<i>Pyrrosia confluens</i>	Tree strap fern		C
	<i>Pyrrosia rupestris</i>	Rock felt fern		C
Mistletoes				
	<i>Amyema bifurcatum</i>	Weeping mistletoe		C
	<i>Amyema cambagei</i>	Needle leaf mistletoe		C
	<i>Amyema congener</i>	Variable mistletoe		C
	<i>Amyema conspicua</i>	Alphitonia mistletoe		C
	<i>Amyema miquelii</i>	Bronze mistletoe		C
	<i>Dendrophthoe vitellina</i>	Apostle mistletoe		C
	<i>Notothixos incanus</i>	Grey leaf mistletoe		C
	<i>Viscum articulatum</i>	Leafless mistletoe		C

Planting Note for 12.3.7

Eucalyptus tereticornis, Casuarina cunninghamiana, Melaleuca viminalis, fringing forest (especially along watercourses)

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:

- Melaleuca viminalis at 40%.
- Casuarina cunninghamiana at 40%.
- Eucalyptus tereticornis and Melaleuca bracteata 20%.
- Spacings for plants should be as close as practical but no further than 2-3 metres apart.

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 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 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.

