

Species List for Regional Ecosystem 12.3.2

Eucalyptus grandis tall open forest on alluvial plains




















Description: Eucalyptus grandis ± E. microcorys, Lophostemon confertus tall open forest with vine forest understorey ('wet sclerophyll'). Patches of Eucalyptus pilularis sometimes present especially in vicinity of sedimentary rocks (e.g., around Palmwoods). Fringing streams and in narrow gullies in high rainfall areas. Major vegetation communities include: 12.3.2a: Riverine wetland or fringing riverine wetland. Open forest of Eucalyptus resinifera and Syncarpia glomulifera subsp. glomulifera with a wet heath understorey. Other species include Melaleuca linariifolia, Melaleuca sieberi ± Corymbia gummifera. Narrow gullies in high rainfall areas.


























Additional Information:




























- In areas with vine thicket (Dry rainforest/Scrub) present nearby, the understorey can contain a large percentage 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, V is Vulnerable, and NT is Near threatened.
- **Δ** denotes a species that is commercially available, suitable and used for revegetation.
- Check planting notes for further information.


















Habitat values:






























- Potential occurrence of *Picris evae*, *Rhaponticum australe*, *Thesium australe*, *Wahlenbergia scopulicola*.
- Potential occurrence of Red Goshawk, Koala, Tusked frog, Greenstripe frog, Superb collared-frog, Warty water-holding frog, Salmon-striped frog.
- **Conservation Status of Regional Ecosystem:** Endangered (Queensland Vegetation Management Act 1999).












Available	Scientific name	Common Name	Fauna	C
Trees				
Δ	<i>Angophora floribunda</i>	Rough leaf apple		
Δ	<i>Angophora subvelutina</i>	Broad leaf apple		
	<i>Aphananthe philippinensis</i>	Rough leaf elm		
Δ	<i>Brachychiton populneus</i>	Kurrajong		
Δ	<i>Casuarina cunninghamiana</i>	Creek she-oak		
Δ	<i>Corymbia intermedia</i>	Pink bloodwood		
Δ	<i>Corymbia tessellaris</i>	Moreton bay ash		
	<i>Cryptocarya triplinervis</i>	Three veined laurel		
	<i>Cupaniopsis parvifolia</i>	Small leaf Tuckeroo		
Δ	<i>Eucalyptus crebra</i>	Narrow leaf ironbark		
Δ	<i>Eucalyptus melanophloia</i>	Silver leaf ironbark		
Δ	<i>Eucalyptus moluccanus</i>	Gum topped box		
	<i>Eucalyptus siderophloia</i>	Grey ironbark		
Δ	<i>Eucalyptus tereticornis</i>	Blue gum		
	<i>Euroschinus falcata</i>	Ribbon wood		
Δ	<i>Ficus macrophylla</i>	Moreton bay fig		
Δ	<i>Ficus obliqua</i>	Small leaf Moreton bay fig		
	<i>Ficus virens</i>	Deciduous 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		
Δ	<i>Melaleuca bracteata</i>	Black tea-tree		
Δ	<i>Melaleuca viminalis</i>	Creek bottle brush		
	<i>Rhodosphaera rhodanthema</i>	Deep yellow wood		
	<i>Syncarpia glomulifera</i>	Turpentine		
Δ	<i>Toona ciliata</i>	Red cedar		
Small trees				
	<i>Acacia complanata</i>	Flat stemmed wattle		
Δ	<i>Acacia concurrens</i>	Black wattle		
Δ	<i>Acacia disparrima</i>	Hickory wattle		
Δ	<i>Acacia falcata</i>	Falcate wattle		
Δ	<i>Acacia fimbriata</i>	Fringed wattle		
Δ	<i>Acacia glaucocarpa</i>	Ferny wattle		
	<i>Acacia julifera</i>	Rough barked wattle		
Δ	<i>Acacia leiocalyx</i>	Early flowering wattle		
Δ	<i>Acacia maidenii</i>	Maidens wattle		
Δ	<i>Acacia melanoxylon</i>	Blackwood wattle		
Δ	<i>Acacia salicina</i>	Sally wattle		
	<i>Acronychia laevis</i>	Hard aspen		
	<i>Alectryon connatus</i>	Grey's birds eye		
	<i>Alectryon tomentosum</i>	Hairy birds eye		
Δ	<i>Allocasuarina littoralis</i>	Black she-oak		
Δ	<i>Allocasuarina torulosa</i>	Forest she-oak		
Δ	<i>Alphitonia excelsa</i>	Soap tree		
Δ	<i>Alstonia constricta</i>	Bitter bark		
	<i>Arytera divaricata</i>	Coogera		
	<i>Babingtonia collina</i>	Twiggy myrtle		
	<i>Capparis arborea</i>	Native pomegranate		
	<i>Casuarina glauca</i>	Swamp she-oak		
	<i>Clerodendrum floribundum</i>	Smooth lolly bush		








	<i>Clerodendrum tomentosum</i>	Hairy lolly bush		
	<i>Cyclophyllum coprosmoides</i>	Coastal coffee		
	<i>Denhamia pittosporoides</i>	Veiny denhamia		
	<i>Diospyros fasciculosa</i>	Grey persimmon		
	<i>Diospyros geminata</i>	Scaly ebony		
	<i>Drypetes deplanchei</i>	Yellow tulip		
	<i>Elattostachys xylocarpa</i>	Scrub beetroot		
	<i>Erythrina vespertilio</i>	Bats wing coral tree		
	<i>Exocarpos cupressiformis</i>	Forest Ballart		
Δ	<i>Ficus coronata</i>	Creek		
Δ	<i>Ficus opposita</i>	Scrub sandpaper fig		
	<i>Geijera salicifolia</i>	Scrub wilga		
Δ	<i>Glochidion ferdinandi</i>	Cheese tree		
Δ	<i>Jagera pseudorhus</i>	Foam bark		
	<i>Mallotus claoxyloides</i>	Green kamala		
Δ	<i>Mallotus philippensis</i>	Red kamala		
	<i>Maytenus bilocularis</i>	Orange bark		
	<i>Maytenus disperma</i>	Orange bark		
Δ	<i>Melaleuca salignus</i>	White bottle brush		
Δ	<i>Melia azedarach</i>	White cedar		
	<i>Myrsine variabilis</i>	Mutton wood		
	<i>Notelaea longifolia</i>	Large leaf mock olive		
	<i>Notelaea microcarpa</i>	Small fruited mock olive		
Δ	<i>Petalostigma pubescens</i>	Quinine berry		
	<i>Pipturus argenteus</i>	Native mulberry		
Δ	<i>Pittosporum angustifolium</i>	Gumbi-gumbi		
	<i>Polyscias elegans</i>	Celery wood		
	<i>Psydrax odorata</i>	Sweet Suzie		
	<i>Santalum lanceolatum</i>	Sandalwood		
Δ	<i>Sterculia quadrifida</i>	Peanut tree		
Δ	<i>Streblus brunonianus</i>	Whalebone tree		

























Δ	<i>Syzygium australe</i>	Creek cherry		
Δ	<i>Trema tomentosa</i>	Poison peach		
Tall shrubs				
Δ	<i>Bursaria spinosa</i>	Blackthorn		
Δ	<i>Dodonaea triquetra</i>	Forest hop bush		
Δ	<i>Dodonaea viscosa</i>	Sticky hop bush		
	<i>Dodonaea viscosa</i> subsp. <i>cuneata</i>	Small leaf hop bush		
Δ	<i>Pittosporum revolutum</i>	Hairy laurel		
Δ	<i>Pittosporum viscidum</i>	Birds nest bush		
	<i>Psydrax buxifolia</i>	Small leaf Psydrax		
Shrubs				
	<i>Abutilon oxycarpum</i>	Small leaf abutilon		
	<i>Alpinia caerulea</i>	Native ginger		
	<i>Alyxia ruscifolia</i>	Chain fruit		
Δ	<i>Breynia oblongifolia</i>	Dwarf apple		
	<i>Carissa ovata</i>	Currant bush		
	<i>Cassinia laevis</i>	Cough bush		
	<i>Choretrum candolei</i>	Mistletoe bush		
	<i>Crotalaria medicaginea</i>	Trefoil rattlepod		
	<i>Crotalaria mitchellii</i>	Yellow rattlepod		
	<i>Crotalaria montana</i>	Dwarf rattlepod		
	<i>Desmodium brachypodum</i>	Large tick trefoil		
	<i>Desmodium gangeticum</i>	White flowered trefoil		
	<i>Desmodium gunnii</i>	Slender tick trefoil		
	<i>Desmodium heterocarpon</i>	Trefoil		
	<i>Desmodium rhytidophyllum</i>	Hairy trefoil		
Δ	<i>Grewia latifolia</i>	Dogs balls		
Δ	<i>Hovea acutifolia</i>	Blue pea bush		
Δ	<i>Indigofera australis</i>	Native indigo		
	<i>Indigofera hirsuta</i>	Hairy indigo		
Δ	<i>Jacksonia scoparia</i>	Dogwood		
Δ	<i>Leptospermum polygalifolium</i>	Wild May		
	<i>Lespedeza juncea</i> subsp. <i>sericea</i>	Lespedeza		
	<i>Maireana microphylla</i>	Scrub salt bush		
	<i>Micromelum minutum</i>	Cluster berry		
	<i>Nyssanthes diffusa</i>	Barbwire plant		
	<i>Physalis minima</i>	Native gooseberry		
	<i>Psychotria daphnoides</i>	Smooth Psychotria		
	<i>Psychotria loniceroides</i>	Hairy Psychotria		



	<i>Senna barclayana</i>	Senna		
	<i>Solanum nemophilum</i>	Soft night shade		
	<i>Solanum stelligerum</i>	Devils needles		
Δ	<i>Wikstroemia indica</i>	Bootlace plant		
	<i>Xanthorrhoea johnsonii</i>	Grass tree	  	
	<i>Xanthorrhoea latifolia</i>	Grass tree	  	
Vines				
	<i>Cayratia clematidea</i>	Slender five leaf grape		
Δ	<i>Cissus antarctica</i>	Native grape, Kangaroo vine		
	<i>Cissus hypoglauca</i>	Five leaved grape		
Δ	<i>Cissus opaca</i>	Slender grape		
	<i>Clematis glycinoides</i>	Headache vine		
	<i>Cynanchum bowmanii</i>	Bowman's milk vine		
	<i>Derris involuta</i>	Fish poison vine		
	<i>Dioscorea transversa</i>	Native yam		
	<i>Diplocyclos palmatus</i>	Striped cucumber		
	<i>Embelia australiana</i>	Embelia		
Δ	<i>Eustrephus latifolius</i>	Wombat berry		
Δ	<i>Geitonoplesium cymosum</i>	Scrambling lily		
	<i>Glycine clandestina</i>	Trailing pea		
	<i>Glycine tabacina</i>	Trailing pea		
	<i>Glycine tomentosa</i>	Trailing pea		
Δ	<i>Hardenbergia violacea</i>	Sarsaparilla vine		
	<i>Ipomoea plebeia</i>	Bell vine		
Δ	<i>Jasminum didymum</i> subsp. <i>racemosum</i>	Slender jasmine		
Δ	<i>Jasminum simplicifolium</i> subsp. <i>australiense</i>	Stiff jasmine		
Δ	<i>Jasminum suavissimum</i>	Grassy jasmine		
	<i>Legnephora moorei</i>	Big leaf vine		
Δ	<i>Maclura cochinchinensis</i>	Cockspur vine		
	<i>Melodorum leichhardtii</i>	Zig-zag vine		
Δ	<i>Pandorea pandorana</i>	Wonga vine		
	<i>Pandorea</i> sp. (Ipswich K.A.Williams)	Yellow creek wonga vine		
Δ	<i>Parsonsia straminea</i>	Monkey rope vine		
	<i>Passiflora aurantia</i>	Red flowered passion vine		
	<i>Pleogyne australis</i>	Pleogyne vine		
Δ	<i>Smilax australis</i>	Barbwire vine		

	<i>Stephania japonica</i> subsp. <i>discolor</i>	Tape vine		
Herbs				
	<i>Ajuga australis</i>	Australian bugle		
	<i>Alternanthera nana</i>	Dwarf joyweed		
	<i>Brunoniella australis</i>	Blue trumpet		
	<i>Calotis dentex</i>	A daisy		
	<i>Cassytha filiformis</i>	Dodder laurel		
	<i>Cassytha pubescens</i>	Hairy dodder laurel		
	<i>Centella asiatica</i>	Pennywort		
	<i>Centratherum punctatum</i>			
	<i>Chamaecrista nomame</i>			
	<i>Chrysocephalum apiculatum</i>	Yellow buttons		
	<i>Commelina diffusa</i>	Blue wandering jew		
	<i>Cullen tenax</i>	Emu foot		
	<i>Cyanthillium cinereum</i>	Vernonia		
Δ	<i>Dianella brevipedunculata</i>	Bent leaf flax lily		
Δ	<i>Dianella caerulea</i>	Blue 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>Dichondra repens</i>	Kidney plant		
	<i>Einadia hastata</i>	Ruby salt bush		
	<i>Einadia nutans</i>	Ruby salt bush		
	<i>Epaltes australis</i>	Epaltes		
Δ	<i>Eremophila debilis</i>	Winter berry		
	<i>Evolvulus alsinoides</i>	Baby blue eyes		
	<i>Flemingia parviflora</i>	Flemingia		
	<i>Galactia tenuiflora</i>	Purple trailing pea		
	<i>Glossocardia bidens</i>	Native cobbler pegs		
	<i>Goodenia hederacea</i>	Goodenia		
	<i>Goodenia rotundifolia</i>	Round leaf Goodenia		
	<i>Hibbertia linearis</i> var. <i>obtusifolia</i>	Hibbertia		
	<i>Hibbertia stricta</i>	Hibbertia		
	<i>Hybanthus monopetalus</i>	Lady's slipper		
	<i>Hybanthus stellarioides</i>	Spade flower		
	<i>Indigofera linifolia</i>	Slender indigo		
	<i>Indigofera linnaei</i>	Creeping indigo		
	<i>Indigofera pratensis</i>	Indigo		
	<i>Lobelia purpurascens</i>	White root		
	<i>Mentha diemenica</i>	Native mint		
	<i>Neptunia gracilis</i>	Sensitive plant		
	<i>Oxalis chnoodes</i>	Hairy oxalis		

	<i>Picris evae</i>	Hawkweed		V Qld - V EPBC
	<i>Plantago debilis</i>	Native plantain		
Δ	<i>Plectranthus parviflorus</i>	Small flowered coleus		
	<i>Polymeria calycina</i>	Slender bindweed		
	<i>Pratia concolor</i>	Poison pratia		
Δ	<i>Pseuderanthemum variabile</i>	Love flower		
	<i>Pterocaulon redolens</i>	Pineapple daisy		
	<i>Rhaponticum australe</i>	Australian Corn flower		V Qld-V EPBC
	<i>Rhynchosia minima</i>	Yellow pea climber		
	<i>Rostellularia adscendens</i>	Blue tongue		
	<i>Rostellularia obtusa</i>	Hairy blue tongue		
	<i>Rubus moluccanus</i>	Moluccana raspberry		
	<i>Rubus parvifolius</i>	Small leaf raspberry		
	<i>Rubus rosifolius</i>	Rose leaf raspberry		
	<i>Rumex brownii</i>	Swamp dock		
	<i>Sida cordifolia</i>	Soft sida		
	<i>Sida subspicata</i>	Spiked sida		
	<i>Sigesbeckia orientalis</i>	Indian plant		
	<i>Teucrium argutum</i>	Hairy Teucrium		
	<i>Thesium australe</i>	Australian Toadflax		V Qld-V EPBC
	<i>Thysanotus tuberosus</i>	Fringed lily		
	<i>Velleia spathulata</i>	Velleia		
	<i>Viola hederacea</i>	Ivy leaf violet		
	<i>Vittadinia dissecta</i>	A daisy		
	<i>Wahlenbergia gracilis</i>	Blue bells		
	<i>Wahlenbergia scopulicola</i>	Blue bell		NT Qld
	<i>Zornia dictiocarpa</i>	Zornia		
Ferns				
	<i>Adiantum atroviride</i>	Common maidenhair fern		
	<i>Adiantum hispidulum</i>	Rough maidenhair fern		
	<i>Calochlaena dubia</i>	Soft bracken fern		
	<i>Cheilanthes distans</i>	Bristly cloak fern		
	<i>Cheilanthes sieberi</i>	Mulga fern		
	<i>Doodia aspera</i>	Rasp fern		
	<i>Doodia caudata</i>	Narrow rasp fern		
	<i>Pteridium esculentum</i>	Common bracken fern		
	<i>Pteris tremula</i>	Jungle brake		
Grasses				
	<i>Alloteropsis semialata</i>	Cockatoo grass		

	<i>Bothriochloa decipiens</i>	Pitted blue grass		
	<i>Brachiaria whiteana</i>			
	<i>Capillipedium parviflorum</i>	Scented top		
	<i>Capillipedium spicigerum</i>	Scented top		
	<i>Chloris divaricata</i>	Slender Chloris		
	<i>Chrysopogon fallax</i>	Golden beard grass		
Δ	<i>Cymbopogon refractus</i>	Barbwire grass	 	
	<i>Cynodon dactylon</i>	Green couch	 	
	<i>Dichanthium sericeum</i>	Queensland blue grass		
	<i>Dichelachne micrantha</i>	Flume grass		
	<i>Entolasia stricta</i>	Wiry panic		
Δ	<i>Heteropogon contortus</i>	Black spear grass		
Δ	<i>Imperata cylindrica</i>	Blady grass	 	
	<i>Leersia hexandra</i>	Swamp ricegrass		
Δ	<i>Microlaena stipoides</i>	Rice meadow grass	 	
	<i>Oplismenus aemulus</i>	Creeping shade		
	<i>Oplismenus hirtellus</i> subsp. <i>imbecillis</i>	Creeping shade grass		
	<i>Ottochloa gracillima</i>	Graceful grass		
	<i>Panicum effusum</i> var. <i>effusum</i>	Hairy panic		
	<i>Panicum effusum</i> var. <i>simile</i>	Panic		
	<i>Panicum pygmaeum</i>	Dwarf panic		
	<i>Sarga leiocladum</i>	Wild sorghum		
Δ	<i>Themeda triandra</i>	Kangaroo grass	 	
Grass like species				
	<i>Cyperus cyperoides</i>	A sedge		
	<i>Cyperus difformis</i>	A sedge		
	<i>Cyperus enervis</i>	A sedge		
	<i>Cyperus exaltatus</i>	Giant sedge		

	<i>Cyperus fulvus</i>	A sedge		
	<i>Cyperus gracilis</i>	Whisker grass		
	<i>Cyperus laevis</i>	A sedge		
	<i>Cyperus leiocaulon</i>	A sedge		
Δ	<i>Cyperus polystachyos</i>	A sedge		
	<i>Cyperus subulatus</i>	A sedge		
	<i>Cyperus tetraphyllus</i>	A sedge		
	<i>Fimbristylis dichotoma</i>	Fringerush		
	<i>Gahnia aspera</i>	Razor grass		
	<i>Gymnostachys anceps</i>	Caterpillar plant		
	<i>Iphigenia indica</i>			
	<i>Juncus continuus</i>	A reed		
	<i>Juncus polyanthemus</i>	A reed		
Δ	<i>Juncus usitatus</i>	A reed		
	<i>Lomandra confertifolia</i> subsp. <i>pallida</i>	Channel leaf mat rush		
	<i>Lomandra elongate</i>	Mat rush		
	<i>Lomandra filiformis</i>	Forest flax lily		
Δ	<i>Lomandra hystrix</i>	Creek mat rush		
Δ	<i>Lomandra longifolia</i>	Creek mat rush		
	<i>Lomandra multiflora</i>	Many flowered mat rush		
	<i>Murdannia graminea</i>	Slug lily		
Epiphytes				
	<i>Cymbidium canaliculatum</i>	Black orchid		
	<i>Cymbidium suave</i>	Sweet cymbidium		
	<i>Geodorum densiflorum</i>	Sheperd's hook orchid		
	<i>Platyserium bifurcatum</i>	Elkhorn		
Mistletoes				
	<i>Amyema bifurcatum</i>	Weeping mistletoe		
	<i>Amyema cambagei</i>	Needle leaf 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		
	<i>Notothixos incanus</i>	Grey leaf mistletoe		
	<i>Viscum articulatum</i>	Leafless mistletoe		

Planting Note for 12.3.2

Eucalyptus grandis tall open forest on alluvial plains

Additional notes:

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

Planting intervals and percentages:

- Eucalyptus grandis should make up 75% of the canopy species.
- Eucalyptus grandis planting intervals of 8 metres.
- Remaining tree species should be distributed evenly through the area.
- 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 rip lines 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.

