

# ARADIN FLORA RESERVE NO. 128

SITE SPECIFIC WORKING PLAN

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This site-specific working describes the important values of an individual flora reserve and identifies site-specific priorities for management. The plan is to be read in conjunction with the Flora Reserve Plan: Background and General Management document, which identifies Forestry Corporation's broad objectives and strategies for managing flora reserves. These two documents together form the flora reserve working plan in line with the requirements of section 25 of the *Forestry Act 2012*.

## DETAILS OF THE RESERVE

## 1.1 LOCATION

Arandin Flora Reserve is situated 12km southeast of the City of Grafton, about 1.5 kilometres west of the Pacific highway, in Glenugie State Forest. See Locality Map in Appendix 1.

## 1.2 KEY ATTRIBUTES OF THE RESERVE

Under the Forestry Act 2012, flora reserves are set apart for the preservation of native flora.

The reserve possesses the following identified attributes that are to be protected:

- » the threatened ecological communities of Lowland Rainforest on Floodplain and Subtropical Coastal Floodplain
- » an Aboriginal burial ground located within the reserve
- » representative examples of forest ecosystems in the area.

## 1.3 GENERAL DESCRIPTION

#### Area

Arandin Flora Reserve comprises 20 hectares and is roughly oblong in shape. The Pacific Highway is located to the north of the reserve, and Dinjerra Road is to the west.

#### **Topography**

The reserve is generally flat, consisting of alluvial flats bordering Glenugie Creek, and has an altitude of only 8m to 10m above sea level.

Glenugie Creek is a minor tributary of the Clarence River. The Creek has only a small catchment, and this, combined with the relatively low rainfall, means that flow ceases in dry periods. Refer to Appendix 2 for topographic map.

#### Geology and soils

Geologically the area covers part of the freshwater deposits laid down in the Cretaceous period, 130 million years ago, in a lake extending from Corindi in the south to north Brisbane (Clarence-Moreton Basin). These sediments consist of soft rocks of siltstones, claystones, and sandstones with thin coal seams (Grafton Formation).

The gentle undulating topography through which Glenugie Creek is incised consists of a yellow podzolic soil derived from the Grafton formation of fine-grained sedimentary rocks. This is a heavy yellow clay soil which cracks badly on drying and gives rise to severe tunnel and gully erosion. It has a low nutrient

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status. The creek has deposited a combination of alluvium derived in part from the fertile doleritic soil of Glenugie Peak and from the sandstone to the west.

#### Climate

The climate is warm temperature maritime. The average annual rainfall is approximately 1000 millimetres, peaking from January to March and a pronounced winter/spring drought period. The reserve experiences some winter frosts.

## Vegetation/flora and fauna

Arandin Flora Reserve contains two Threatened Ecological Communities, Lowland Rainforest on Floodplain and Subtropical Coastal Floodplain Forest.

The strip of rather low and simple-structured rainforest running along both sides of Glenugie Creek form a fringing or gallery rainforest in an area where rainforest would not otherwise be expected. Its presence is largely due to the alluvial soils and moist conditions associated with Glenugie Creek. The main closed canopy of the rainforest is dominated by Grey Myrtle (*Backhousia myrtifolia*) and by narrow-leaved, riverbank form of Lilly Pilly (*Acmena smithii*, rheophytic form).

Standing above the rainforest are stems of other trees of the Myrtle family, with occasional large stems of Forest Red Gum (*Eucalyptus tereticornis*) up to 40m or more in height, and smaller stems of Broadleaved Apple (*Angophora subvelutine*) and Swamp Box (*Lophostemon suaveolens*). These species are common on North Coast alluvial flats, and represent an earlier open forest stand which has subsequently been invaded by the rainforest, possibly as a result of the changed burning regimes since European settlement.

Away from the alluvial flats a narrow strip of open dry hardwood forest is located between the rainforest and the eastern and western boundaries of the Reserve. Species present are Pink Bloodwood (*Eucalyptus intermedia*), Spotted Gum (*E. maculate*), Grey Box (*E. moluccana*), and Grey Ironbark (*E. siderophloia*). Understorey is mainly grass with an occasional wattle. Appendix 2 Map shows the various Forest Types and their locations within the reserve. Appendix 3 and 4 outline a list of flora and fauna species known to occur within the reserve.

#### 1.4 HISTORY

#### **Aboriginal History and Cultural Values**

Arandin Flora Reserve is situated within the traditional lands of the Gumbaynggir people. This area is of great cultural significance as it contains an Aboriginal burial ground in the northern corner of the reserve. Aboriginal burial grounds provide important physical and spiritual connections with the land, culture, and ancestral past.

In the late 1970's, National Parks and Wildlife Service informed the Forestry Commission that Aboriginal burials were recorded on the raised levee bank of Glenugie Creek.

After extensive discussion between Forestry Commission and National Parks and Wildlife Service, about the likelihood and the location of the Aboriginal burial ground, it was agreed the area should be removed from the provisions of the *Mining Act 1973*. The Reserve was exempted from the provisions of the Mining Acts by notice in the Government Gazette of 20<sup>th</sup> March 1992.

#### **Post European Settlement**

### Harvesting and grazing

There had been no recent logging within the reserve. However, there is evidence of trees having been removed in the past.

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The hardwood area of the reserve has been grazed by domestic stock since Europeans arrived in the area, about 140 years ago. Following dedication of the area as State Forest in 1913, grazing has been permitted under a licence, but the last grazing lease for the reserve area expired in 1992 and was not renewed.

#### **Establishment of Flora Reserve**

The area was gazetted as Arandin Flora Reserve No. 128 on 23<sup>rd</sup> of September 1988.

The name, Arandin, given to this reserve is derived from an earlier alternative name for Glenugie Creek. Glenugie Peak Flora Reserve No 25. Already exists in Glenugie State Forest, and the alternative name was chosen to avoid possible confusion between the two reserves.

#### **Fire**

Fire has been part of the Australian landscape for at least the last 60,000 years and most forests have experienced fire multiple times over many centuries. The north-west corner of the reserve experienced a hazard reduction burn in 2000.

## 1.5 CURRENT USAGE

The reserve receives limited recreational usage, primarily by visitors driving past the reserve on Dinjerra Road. No recreational facilities are provided at the reserve and there is no intention to develop any facilities.

## 2. SYSTEM OF MANAGEMENT

## 2.1 OBJECTIVES OF MANAGEMENT

The objects of management will be to:

- » enhance the ecological quality of the threatened ecological communities of Lowland Rainforest on Floodplain and Subtropical Coastal Floodplain
- » protect Aboriginal cultural heritage sites and cultural values
- » preserve representative examples of forest ecosystems in the area
- » promote local communities' engagement in managing and protecting the flora reserve
- » maintain reference stands and provide for limited scientific study consistent with the protection of the area.

## 2.2 MANAGEMENT STRATEGIES

The broad management strategies and related actions to preserve native flora and improve the value and extent of habitat in State forest flora reserves are detailed in the Flora Reserve Management Plan: Background and General Management document, which is to be read in conjunction with this plan. Specific additional management strategies applied in this flora reserve include:

- » Property maintenance, through:
  - establishment and maintenance of appropriate fences, gates, and signs
  - removal of unnecessary fencing

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- maintenance of roads and trails
- restricting visitor use to walking trails for educational activities.
- » Conservation and improvement of habitat, through:
  - maintenance of native vegetation, which may include manipulation by mechanical means for habitat improvement
  - regeneration of any cleared or degraded land, through plantings and natural recruitment
  - weed control
  - removal of rubbish
  - management of human disturbance, including harvesting and other forest product operations
  - retention of dead timber and other habitat resources
  - management of fire, including prescribed or hazard reduction burning.
- » Pest animal control.

#### **Cultural Values**

Explore opportunities for Aboriginal community involvement in managing the flora reserve.

#### Weeds

The vegetation within the flora reserve is in very healthy state with no obvious weeds present. As far as reasonably practicable, exotic species will be controlled, as detailed in section 2.4.

#### **Trail maintenance**

Maintenance of roads and trails is important to enable access to the forest for forest management, firefighting, tourism and recreation. Poorly maintained roads can also transport significant levels of sediment, increasing the turbidity of water within creeks. This consequently reduces habitat quality and aquatic biodiversity and can take significant periods of time to recover.

#### **Permitted activities**

Under the Forest Management Zoning (FMZ) system, Aradin Flora Reserve Nº. 128 is a dedicated reserve zoned FMZ 1 and therefore contributes to the dedicated reserve system in the Upper North East Region. Management will be consistent with the requirements of JANIS dedicated reserves.

The State Forests of NSW, Operational Circular 99/10 (1999) *Managing our Forests sustainably: Forest Management Zoning in NSW State Forests* describes the activities not permitted in FMZ 1.

The following activities may be permitted subject to standard conditions approved by the delegated Manager and consistent with the management objectives for the reserve, codes of practice, forest practices/operational circulars, protocols, licenses and management/recovery plans:

- » scientific studies (e.g., fauna surveys including trapping)
- » maintenance of existing roads and fire trails
- » maintenance of existing recreation facilities and upgrading where necessary to keep pace with demand while protecting the attributes of the reserve
- » limited tree and or limb removal for safety, viewing or construction of facilities in areas used for recreation
- » pest animal and weed control
- » general access for activities such as bush walking, photography and nature study

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- » beekeeping (existing set-down sites may be used)
- » Aboriginal use of forest products consistent with the maintenance of the conservation attributes to be protected in the reserve
- » fire management will be undertaken in a manner consistent with maintaining the health of forest ecosystems.

The following activities may only be permitted with special conditions:

- » Construction of new roads. Construction will only be permitted in exceptional instances and consistent with the following principles:
  - no practical alternative is available
  - the attributes of the Reserve will not be significantly affected by the road or fire trail
  - opportunity is provided for public comment on the proposal, obtained through advertising in the local newspaper
  - Ministerial approval is given for the proposal.

## **Mining**

The reserve was exempted from the provisions of the Mining Acts by notice in the Government Gazette of 20<sup>th</sup> March 1992.

## 2.3 MANAGEMENT RESPONSIBILITY

The reserve will be administered by Forestry Corporation of NSW's Hardwood Forests Division, with the authority for decision making delegated to the Senior Manager Forest Stewardship or equivalent level manager.

## 2.4 MONITORING, REPORTING AND REVIEW

The region will monitor changes to the key attributes of the reserve and will review the effectiveness of the management strategies designed to protect those attributes and to achieve the management objectives.

The results of this monitoring, review and management response will be included in annual reporting processes.

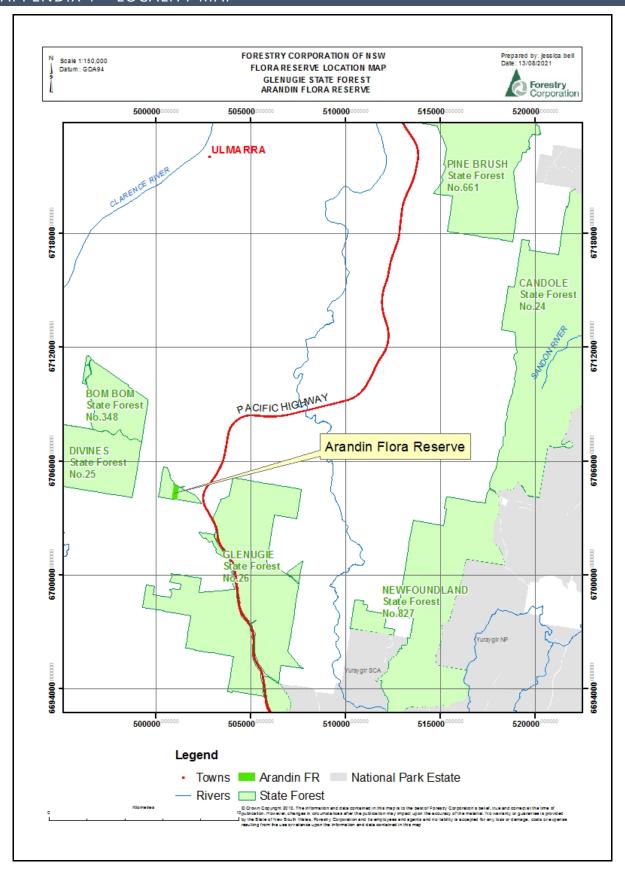
The provisions of this working plan will be amended, if necessary, in light of the results of the monitoring program and / or legislative change and with the approval of the Minister administering the *Forestry Act* 2012.

## LIST OF APPENDICES

- » Appendix 1 Locality Map
- » Appendix 2 Topographic and Forest Type Map
- » Appendix 3 Flora Species List
- » Appendix 4 Fauna Species List
- » Appendix 5 Approval and Amendments from previous version

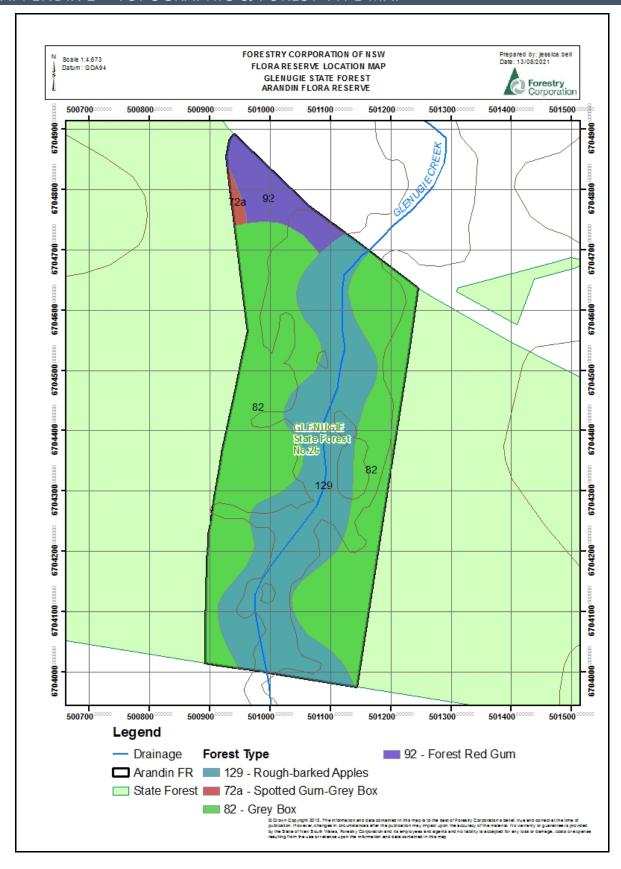
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# APPENDIX 1 – LOCALITY MAP



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# APPENDIX 2 – TOPOGRAPHIC & FOREST TYPE MAP



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# Flora found within 5000m of flora reserve, desktop search undertaken August 2021

Scientific name
Acacia complanata
Acacia concurrens
Acacia falcata
Acacia floribunda
Acacia irrorata
Acacia irrorata subsp.
irrorata
Acacia irrorata subsp.
velutinella
Acacia leiocalyx subsp.
leiocalyx
Acacia longissima
Acacia maidenii
Acacia oshanesii
Acacia spp.
Acmena smithii
Acronychia oblongifolia
Adiantum aethiopicum
Adiantum hispidulum
Aeschynomene indica
Ajuga australis
Alectryon subcinereus
Alectryon tomentosus
Allocasuarina littoralis
Allocasuarina torulosa
Alphitonia excelsa
Alstonia constricta
Alternanthera denticulata
Ambrosia artemisiifolia
Amyema cambagei
Amyema pendula
Атуета ѕрр.
Andropogon virginicus
Aneilema acuminatum
Angophora floribunda
Angophora subvelutina
Angophora woodsiana
Aphananthe philippinensis
Araujia sericifera
Archontophoenix
cunninghamiana

Scientific name
Aristida acuta
Aristida benthamii
Aristida personata
Aristida queenslandica var.
queenslandica
Aristida ramosa
Aristida spp.
Aristida vagans
Arthrochilus prolixus
Arthropodium milleflorum
Aster subulatus
Austrosteenisia blackii var.
blackii
Axonopus fissifolius
Baccharis halimifolia
Backhousia myrtifolia
Banksia integrifolia subsp.
integrifolia
Banksia integrifolia subsp.
monticola
Banksia oblongifolia
Baumea articulata
Baumea juncea
Bidens pilosa
Billardiera scandens
Blechnum neohollandicum
Blechnum spinulosum
Bolboschoenus fluviatilis
Boronia falcifolia
Bothriochloa decipiens var.
decipiens
Brachyscome microcarpa
Brachyscome nova-anglica
Brachyscome spp.
Breynia oblongifolia
Brunoniella australis
Brunoniella pumilio
Caesia parviflora
Caesia parviflora var.
parviflora
Caesia parviflora var.

Sc	ientific name
vit	tata
Ca	ladenia catenata
Ca	llistemon salignus
Ca	lochlaena dubia
Ca	lystegia marginata
Ca	pillipedium spicigerum
Ca	pparis arborea
Ca	rex appressa
Ca	rex breviculmis
Ca	ssytha glabella
	suarina cunninghamiana
	bsp. cunninghamiana
	suarina glauca
Ca	yratia clematidea
	nchrus clandestinus
Се	ntella asiatica
Се	ntratherum riparium
	amaecrista nomame var.
no	mame
Ch	eilanthes
au	strotenuifolia
Ch	eilanthes sieberi
Ch	eilanthes sieberi subsp.
sie	eberi
Ch	eirostylis ovata
Ch	loris divaricata var.
div	varicata
Ch	loris gayana
Ch	loris truncata
Ch	loris ventricosa
Ch	orizema parviflorum
Ch	rysocephalum
ар	iculatum
Cii	nnamomum camphora
Cii	rsium vulgare
Cis	ssus antarctica
Cit	trus x taitensis
Cle	eistochloa rigida
Cle	ematis aristata
Cle	ematis glycinoides
	erodendrum tomentosum

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Scientific name
Commelina cyanea
Convolvulus erubescens
Conyza bonariensis
Conyza sumatrensis
Corymbia henryi
Corymbia intermedia
Corymbia maculata
Crepidomanes venosum
Croton verreauxii
Cryptandra longistaminea
Cryptocarya floydii
Cryptocarya glaucescens
Cryptocarya microneura
Cryptocarya obovata
Cryptocarya triplinervis
Cryptocarya triplinervis var.
pubens
Cupaniopsis anacardioides
Cupaniopsis parvifolia
Cyathea cooperi
Cyclosorus dentatus
Cyclospermum
leptophyllum
Cymbidium canaliculatum
Cymbidium suave
Cymbopogon refractus
Cynodon dactylon
Cyperus aggregatus
Cyperus brevifolius
Cyperus difformis
Cyperus eragrostis
Cyperus exaltatus
Cyperus flavidus
Cyperus gracilis
Cyperus haspan subsp.
haspan
Cyperus imbecillis
Cyperus polystachyos
Daviesia acicularis
Daviesia genistifolia
Daviesia ulicifolia
Daviesia umbellulata
Dendrobium teretifolium
Dendrophthoe vitellina
Denhamia celastroides

Scientific name
Desmodium gunnii
Desmodium rhytidophyllum
Desmodium varians
Dianella caerulea
Dianella caerulea var.
caerulea
Dianella longifolia
Dianella longifolia var.
longifolia
Dianella longifolia var.
stenophylla
Dianella spp.
Dichanthium sericeum
Dichelachne crinita
Dichelachne micrantha
Dichelachne spp.
Dichondra repens
Digitaria didactyla
Digitaria parviflora
Digitaria ramularis
Dioscorea transversa
Dodonaea triquetra
Drosera spatulata
Duboisia myoporoides
Echinopogon caespitosus
Echinopogon caespitosus
var. caespitosus
Echinopogon ovatus
Echinostephia aculeata
Eclipta platyglossa
Einadia trigonos subsp.
leiocarpa
Elaeocarpus obovatus
Elaeodendron australe
Eleocharis acuta
Eleocharis dietrichiana
Eleocharis equisetina
Eleocharis minuta
Eleocharis sphacelata
Embelia australiana
Endiandra discolor
Endiandra virens
Entolasia marginata
Entolasia stricta
Entolasia whiteana
Epaltes australis

	Scientific name
	Eragrostis benthamii
	Eragrostis brownii
	Eragrostis elongata
	Eragrostis leptostachya
	Eragrostis spp.
	Eragrostis tenuifolia
-	Eremophila debilis
-	Eucalyptus bancroftii
-	Eucalyptus cameronii
	Eucalyptus crebra
-	Eucalyptus eugenioides
-	Eucalyptus fibrosa
	Eucalyptus moluccana
	Eucalyptus propinqua
-	Eucalyptus pyrocarpa
-	Eucalyptus resinifera subsp.
	resinifera
	Eucalyptus saligna
-	Eucalyptus seeana
-	Eucalyptus siderophloia
-	Eucalyptus signata
	Eucalyptus tereticornis
-	Eucalyptus tetrapleura
	Eucalyptus tindaliae
-	Euchiton involucratus
	Euchiton japonicus
	Euchiton sphaericus
-	Eustrephus latifolius
-	Exocarpos cupressiformis
	Ficus coronata
	Fimbristylis
	cinnamometorum
	Fimbristylis dichotoma
_	Fimbristylis nutans
	Fuirena ciliaris
	Gahnia aspera
	Galactia tenuiflora var.
	lucida
	Gamochaeta pensylvanica
	Geitonoplesium cymosum
	Geranium spp.
	Glochidion ferdinandi
_	Glossocardia bidens
_	Glycine clandestina
	Glycine microphylla
_	- ,

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Scientific name
Glycine spp.
Glycine tabacina
Gomphocarpus fruticosus
Gomphocarpus
physocarpus
Gompholobium pinnatum
Gomphrena celosioides
Gonocarpus chinensis
subsp. verrucosus
Gonocarpus micranthus
subsp. ramosissimus
Goodenia hederacea
Goodenia hederacea subsp.
hederacea
Goodenia heterophylla
subsp. eglandulosa
Goodenia paniculata
Goodenia rotundifolia
Grevillea robusta
Gynochthodes jasminoides
Haemodorum planifolium
Hakea florulenta
Hakea laevipes
Haloragis heterophylla
Hardenbergia violacea
Hibbertia obtusifolia
Hibbertia scandens
Hibbertia vestita
Hovea longifolia
Hybanthus stellarioides
Hydrocotyle sibthorpioides
Hydrocotyle tripartita
Hygrophila angustifolia
Hypericum gramineum
Hypochaeris radicata
Hypolepis glandulifera
Hypolepis muelleri
**
Imperata cylindrica
Indigofera australis
Isotoma armstrongii
Jacksonia scoparia
Jasminum suavissimum
Juncus continuus
Juncus mollis
Juncus polyanthemus
Juncus prismatocarpus

Scientific name
Juncus spp.
Juncus usitatus
Koelreuteria paniculata
Lagenophora gracilis
Lantana camara
Laxmannia compacta
Laxmannia gracilis
Leersia hexandra
Lepidosperma laterale
Lepironia articulata
Leptospermum
brachyandrum
Leptospermum petersonii
Leptospermum
polygalifolium
Leptospermum spp.
Leptospermum trinervium
Lespedeza juncea subsp.
sericea
Lespedeza striata
Leucopogon lanceolatus
var. lanceolatus
Ligustrum lucidum
Lobelia anceps
Lobelia andrewsii
Lobelia purpurascens
Lolium perenne
Lomandra confertifolia
subsp. pallida
Lomandra filiformis
Lomandra filiformis subsp.
filiformis
Lomandra hystrix
Lomandra longifolia
Lomandra multiflora subsp.
multiflora
Lomandra spicata
Lomandra spp.
Lomatia silaifolia
·
Ludwigia estavalvis
Ludwigia octovalvis
Ludwigia peploides subsp.
montevidensis
Ludwigia spp.
Lysimachia arvensis
Maclura cochinchinensis

Scientific name		
Macroptilium		
atropurpureum		
Macroptilium lathyroides		
Marsdenia fraseri		
Marsilea mutica		
Maundia triglochinoides		
Megathyrsus maximum		
var. pubiglumis		
Melaleuca alternifolia		
Melaleuca decora		
Melaleuca irbyana		
Melaleuca linariifolia		
Melaleuca nodosa		
Melaleuca quinquenervia		
Melaleuca sieberi		
Melia azedarach		
Melichrus procumbens		
Melinis repens		
·		
Melodinus australis		
Mentha satureioides		
Microlaena stipoides		
Microlaena stipoides var.		
stipoides		
Mitrasacme polymorpha		
Morus alba		
Murdannia graminea		
Myriophyllum latifolium		
Myrsine howittiana		
Myrsine variabilis		
Nephrolepis cordifolia		
Notelaea longifolia		
Notelaea longifolia f.		
intermedia		
Notothixos incanus		
Notothixos subaureus		
Nymphaea caerulea subsp.		
zanzibarensis		
Nymphaea spp.		
Nymphoides geminata		
Nymphoides indica		
Olea paniculata		
Opercularia aspera		
Opercularia diphylla		
' '		
Opercularia hispida		
Oplismenus aemulus		
Oplismenus imbecillis		
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Scientific name
Oplismenus undulatifolius
Ottelia ovalifolia subsp.
ovalifolia
Ottochloa gracillima
Oxalis chnoodes
Oxalis exilis
Oxytes brachypoda
Ozothamnus diosmifolius
Pandorea jasminoides
Pandorea pandorana
Panicum effusum
Panicum simile
Parsonsia lanceolata
Parsonsia straminea
Paspalidium breviflorum
Paspalidium spp.
Paspalum dilatatum
Paspalum distichum
Paspalum notatum
Paspalum orbiculare
Paspalum urvillei
Passiflora edulis
Passiflora subpeltata
Persicaria spp.
Persoonia stradbrokensis
Philydrum lanuginosum
Phyllanthus gunnii
Phyllanthus hirtellus
Phyllanthus spp.
Phyllanthus virgatus
Phytolacca octandra
Pimelea linifolia
Pimelea linifolia subsp.
linifolia
Pittosporum revolutum
Plantago debilis
Plantago major
Plantago spp.
Platycerium bifurcatum
Platysace ericoides
Plectranthus parviflorus
Polymeria calycina
Potamogeton octandrus
Prostanthera saxicola

Scientific name
Pseuderanthemum
variabile
Pseudoraphis spinescens
Psilotum nudum
Psychotria loniceroides
Pteridium esculentum
Pterostylis hispidula
Ptilothrix deusta
Pultenaea spinosa
Ranunculus inundatus
Rhodomyrtus psidioides
Richardia brasiliensis
Richardia stellaris
Rostellularia adscendens
Rumex crispus
Rytidosperma tenuius
Sacciolepis indica
Sannantha angusta
Sannantha pluriflora
Sannantha similis
Sarcopetalum harveyanum
Sauropus hirtellus
Schoenoplectus mucronatus
Scleria mackaviensis
Senecio madagascariensis
Senna pendula var.
glabrata
Senna septemtrionalis
Setaria parviflora
Setaria pumila
Setaria sphacelata
Sida cordifolia
Sida rhombifolia
Sigesbeckia orientalis
subsp. orientalis
Sisyrinchium rosulatum
Smilax australis
Solanum mauritianum
Solanum nigrum
Solanum seaforthianum
Sonchus oleraceus
Sorghum leiocladum
Sporobolus africanus
Sporobolus creber

Scie	ntific name
Spo	robolus elongatus
Step	hania japonica var.
disc	
Stre	blus brunonianus
Styl	idium debile
Swa	insona spp.
Syzy	gium oleosum
	ernaemontana
•	dacaqui
Teln	natoblechnum indicum
Tetr	atheca thymifolia
The	meda triandra
Thy	sanotus tuberosus
Trer	na tomentosa var.
aspe	era
Trice	oryne elatior
Trig	lochin procera
Tris	taniopsis laurina
Tro	chocarpa laurina
Турі	ha spp.
Vell	eia paradoxa
Vell	eia spathulata
Verl	bena bonariensis
Verl	bena officinalis
Verl	bena rigida var. rigida
Veri	nonia cinerea
Veri	nonia cinerea var.
cine	rea
Verd	onica plebeia
Vigr	na vexillata
Vigr	na vexillata var.
ang	ustifolia
Viol	a banksii
Viol	a hederacea
Wal	hlenbergia communis
Wal	hlenbergia spp.
	delia spilanthoides
	thorrhoea fulva
	ia smithii
	nia dyctiocarpa var.
	tiocarpa

# Fauna found with 5000m of the reserve, desktop search undertaken August 2021

Amphibians		
Scientific name	Common name	
Litoria dentata	Bleating Tree	
	Frog	
Litoria	Broad-palmed	
latopalmata	Frog	
Limnodynastes	Brown-striped	
peronii	Frog	
Crinia signifera	Common	
	Eastern Froglet	
Uperoleia fusca	Dusky Toadlet	
Litoria fallax	Eastern Dwarf	
	Tree Frog	
Crinia	Eastern Sign-	
parinsignifera	bearing Froglet	
Mixophyes	Great Barred	
fasciolatus	Frog	

Amphibians		
Scientific name	Common name	
Litoria caerulea	Green Tree Frog	
Litoria brevipalmata	Green-thighed Frog	
Litoria lesueuri	Lesueur's Frog	
Limnodynastes	Northern Banjo	
terraereginae	Frog	
Litoria	Olongburra	
olongburensis	Frog	
Platyplectrum	Ornate	
ornatum	Burrowing Frog	
Litoria peronii	Peron's Tree	
	Frog	
Pseudophryne	Red-backed	
coriacea	Toadlet	
Litoria nasuta	Rocket Frog	

Amphibians		
Scientific name	Common name	
Uperoleia laevigata	Smooth Toadlet	
Limnodynastes tasmaniensis	Spotted Grass Frog	
Adelotus brevis	Tusked Frog	
Litoria tyleri	Tyler's Tree Frog	
Litoria sp.	Unidentified Tree Frog	
Crinia tinnula	Wallum Froglet	
Uperoleia sp.		

Birds		
Scientific name	Common	
	name	
Sphecotheres	Australasian	
vieilloti	Figbird	
Falco longipennis	Australian	
	Hobby	
Alisterus	Australian	
scapularis	King-Parrot	
Gymnorhina	Australian	
tibicen	Magpie	
Aegotheles	Australian	
cristatus	Owlet-	
	nightjar	
Anthus	Australian	
novaeseelandiae	Pipit	
Chenonetta	Australian	
jubata	Wood Duck	
Ninox connivens	Barking Owl	
Geopelia	Bar-	
humeralis	shouldered	
	Dove	
Melithreptus	Black-chinned	
gularis gularis	Honeyeater	
	(eastern	
	subspecies)	
Coracina	Black-faced	
novaehollandiae	Cuckoo-shrike	

Birds		
Scientific name	Common	
	name	
Ephippiorhynchus	Black-necked	
asiaticus	Stork	
Elanus axillaris	Black-	
	shouldered	
	Kite	
Entomyzon	Blue-faced	
cyanotis	Honeyeater	
Grus rubicunda	Brolga	
Macropygia	Brown	
phasianella	Cuckoo-Dove	
Falco berigora	Brown Falcon	
Accipiter	Brown	
fasciatus	Goshawk	
Lichmera	Brown	
indistincta	Honeyeater	
Synoicus	Brown Quail	
ypsilophora		
Climacteris	Brown	
picumnus	Treecreeper	
victoriae	(eastern	
	subspecies)	
Cacomantis	Brush Cuckoo	
variolosus		
Burhinus	Bush Stone-	
grallarius	curlew	

Birds			
Scientific name	Common		
	name		
Scythrops	Channel-		
novaehollandiae	billed Cuckoo		
Edolisoma	Cicadabird		
tenuirostris			
Accipiter	Collared		
cirrocephalus	Sparrowhawk		
Phaps	Common		
chalcoptera	Bronzewing		
Acridotheres	Common		
tristis	Myna		
Ocyphaps	Crested		
lophotes	Pigeon		
Platycercus	Crimson		
elegans	Rosella		
Stagonopleura	Diamond		
guttata	Firetail		
Eurystomus	Dollarbird		
orientalis			
Stizoptera	Double-		
bichenovii	barred Finch		
Gallinula	Dusky		
tenebrosa	Moorhen		
Artamus	Dusky		
cyanopterus	Woodswallow		
cyanopterus			
Tyto javanica	Eastern Barn		

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Birds		
Scientific name Common		
	name	
	Owl	
Casmerodius	Eastern Great	
modesta	Egret	
Eudynamys	Eastern Koel	
orientalis		
Platycercus	Eastern	
eximius	Rosella	
Falcunculus	Eastern	
frontatus	Shrike-tit	
frontatus		
Psophodes	Eastern	
olivaceus	Whipbird	
Eopsaltria	Eastern	
australis	Yellow Robin	
Dromaius	Emu	
novaehollandiae	-	
Petrochelidon	Fairy Martin	
ariel	,,	
Ptilotula fusca	Fuscous	
	Honeyeater	
Eolophus	Galah	
roseicapilla		
Calyptorhynchus	Glossy Black-	
lathami	Cockatoo	
Cisticola exilis	Golden-	
	headed	
	Cisticola	
Cracticus	Grey	
torquatus	Butcherbird	
Rhipidura	Grey Fantail	
albiscapa	,	
Colluricincla	Grey Shrike-	
harmonica	thrush	
Pomatostomus	Grey-	
temporalis	crowned	
temporalis	Babbler	
-	(eastern	
	subspecies)	
Melanodryas	Hooded	
cucullata	Robin (south-	
cucullata	eastern form)	
Chalcites basalis	Horsfield's	
	Bronze-	
	Cuckoo	
Microeca	Jacky Winter	
fascinans	•	
Dacelo	Laughing	
novaeguineae	Kookaburra	
Myiagra rubecula	Leaden	
, 5	Flycatcher	
Meliphaga lewinii	Lewin's	

Bird	5
Scientific name	Common
	name
	Honeyeater
`acatua	Little Corella
anguinea	
Philemon	Little
itreogularis	Friarbird
Glossopsitta	Little Lorikeet
pusilla	
Anseranas	Magpie
emipalmata	Goose
Grallina	Magpie-lark
ryanoleuca	
/anellus miles	Masked
	Lapwing
Tyto	Masked Owl
novaehollandiae	
Dicaeum	Mistletoebird
nirundinaceum	
Glossopsitta	Musk
concinna	Lorikeet
alco cenchroides	Nankeen
enchroides	Kestrel
Vycticorax	Nankeen
caledonicus	Night Heron
Philemon	Noisy
corniculatus	Friarbird
Manorina	Noisy Miner
nelanocephala	
itta versicolor	Noisy Pitta
Oriolus sagittatus	Olive-backed
	Oriole
Aviceda	Pacific Baza
subcristata	
Anas superciliosa	Pacific Black
	Duck
Turnix varius	Painted
	Button-quail
Heteroscenes	Pallid Cuckoo
pallidus	
Geopelia striata	Peaceful
	Dove
Cracticus	Pied
nigrogularis	Butcherbird
trepera	Pied
ıraculina	Currawong
Dendrocygna	Plumed
eytoni	Whistling-
	Duck
linox strenua	Powerful Owl
orphyrio	Purple
orphyrio	Swamphen
Nerops ornatus	Rainbow Bee-

Birds		
Scientific name	Common	
	name	
	eater	
Trichoglossus	Rainbow	
haematodus	Lorikeet	
Erythrotriorchis	Red Goshawk	
radiatus		
Malurus	Red-backed	
melanocephalus	Fairy-wren	
Neochmia	Red-browed	
temporalis	Finch	
Myiagra inquieta	Restless	
	Flycatcher	
Rhipidura	Rufous	
rufifrons	Fantail	
Pachycephala	Rufous	
rufiventris	Whistler	
Todiramphus	Sacred	
sanctus	Kingfisher	
Trichoglossus	Scaly-	
chlorolepidotus	breasted	
0.4	Lorikeet	
Myzomela	Scarlet	
sanguinolenta	Honeyeater	
Zosterops lateralis	Silvereye	
Ninox	Southern	
novaeseelandiae	Boobook	
Circus assimilis	Spotted	
	Harrier	
Pardalotus	Spotted	
punctatus	Pardalote	
Lophoictinia isura	Square-tailed	
2 / / /	Kite	
Pardalotus	Striated	
striatus	Pardalote	
Acanthiza lineata	Striated Thornbill	
Malurus cuanqus		
Malurus cyaneus	Superb Fairy- wren	
Circus	Swamp	
approximans	Harrier	
Podargus	Tawny	
strigoides	Frogmouth	
Corvus orru	Torresian	
	Crow	
Petrochelidon	Tree Martin	
nigricans		
Malurus lamberti	Variegated	
	Fairy-wren	
Aquila audax	Wedge-tailed	
	Eagle	
Hirundo neoxena	Welcome	
1	i	

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Birds		
Scientific name	Common	
	name	
	Swallow	
Haliastur	Whistling Kite	
sphenurus		
Coracina	White-bellied	
papuensis	Cuckoo-shrike	
Sericornis	White-	
frontalis	browed	
	Scrubwren	
Phylidonyris niger	White-	
	cheeked	
	Honeyeater	
Egretta	White-faced	
novaehollandiae	Heron	
Gerygone	White-	
olivacea	throated	
	Gerygone	

Birds		
Scientific name	Common	
	name	
Melithreptus	White-	
albogularis	throated	
	Honeyeater	
Hirundapus	White-	
caudacutus	throated	
	Needletail	
Eurostopodus	White-	
mystacalis	throated	
	Nightjar	
Cormobates	White-	
leucophaea	throated	
	Treecreeper	
Corcorax	White-winged	
melanorhamphos	Chough	
Rhipidura	Willie Wagtail	
leucophrys		

Birds		
Scientific name Common		
	name	
Leucosarcia	Wonga	
melanoleuca	Pigeon	
Platalea flavipes	Yellow-billed	
	Spoonbill	
Caligavis	Yellow-faced	
chrysops	Honeyeater	
Zanda funereus	Yellow-tailed	
	Black-	
	Cockatoo	

Mammals			
Scientific	Common		
name	name		
Pteropus	Black Flying-		
alecto	fox		
Rattus rattus	Black Rat		
Trichosurus	brushtail		
sp.	possum		
Phascogale	Brush-tailed		
tapoatafa	Phascogale		
Felis catus	Cat		
Scotorepens	Central-		
sp 1	eastern Broad-		
	nosed Bat		
Trichosurus	Common		
vulpecula	Brushtail		
	Possum		
Sminthopsis	Common		
murina	Dunnart		
Canis lupus	Dingo,		
	domestic dog		
Scotorepens	Eastern Broad-		
orion	nosed Bat		
Micronomus	Eastern		
norfolkensis	Coastal Free-		
	tailed Bat		
Vespadelus	Eastern Forest		
pumilus	Bat		
Ozimops ridei	Eastern Free-		
	tailed Bat		

Mammals			
Scientific Common			
name	name		
Macropus	Eastern Grey		
giganteus	Kangaroo		
Rhinolophus	Eastern		
megaphyllus	Horseshoe-bat		
Bos taurus	European		
	cattle		
Acrobates	Feathertail		
pygmaeus	Glider		
Vulpes vulpes	Fox		
Chalinolobus	Gould's		
gouldii	Wattled Bat		
Scoteanax	Greater		
rueppellii	Broad-nosed		
	Bat		
Petauroides	Greater Glider		
volans			
Pteropus	Grey-headed		
poliocephalus	Flying-fox		
Chalinolobus	Hoary Wattled		
nigrogriseus	Bat		
Equus caballus	Horse		
Macropus sp.	kangaroo /		
	wallaby		
Phascolarctos	Koala		
cinereus			
Nyctophilus	Lesser Long-		
geoffroyi	eared Bat		

Mammals			
Scientific Common			
name	name		
Miniopterus	Little Bent-		
australis	winged Bat		
Pteropus	Little Red		
scapulatus	Flying-fox		
Perameles	Long-nosed		
nasuta	Bandicoot		
Isoodon	Northern		
macrourus	Brown		
	Bandicoot		
Oryctolagus	Rabbit		
cuniculus			
Notamacropus	Red-necked		
rufogriseus	Wallaby		
Aepyprymnus	Rufous		
rufescens	Bettong		
Tachyglossus	Short-beaked		
aculeatus	Echidna		
Trichosurus	Short-eared		
caninus	Possum		
Dasyurus	Spotted-tailed		
maculatus	Quoll		
Petaurus	Squirrel Glider		
norfolcensis			
Petaurus	Sugar Glider		
breviceps			
Rattus	Swamp Rat		
lutreolus			

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Mammals		
Scientific Common		
name	name	
Wallabia	Swamp	
bicolor	Wallaby	
Scotorepens	Unidentified	
sp.	broad-nosed	
	bat	
Canidae sp.	unidentified	
	canid	

Mammals		
Scientific	Common	
name	name	
Cervus sp.	Unidentified	
	Deer	
Macropod sp.	unidentified	
	macropod	
Notamacropus	Whiptail	
parryi	Wallaby	
Austronomus	White-striped	

Mammals		
Scientific Common		
name	name	
australis	Freetail-bat	
Petaurus	Yellow-bellied	
australis	Glider	
Antechinus	Yellow-footed	
flavipes	Antechinus	

Reptiles		
Scientific name	Common	
	name	
Pogona barbata	Bearded	
	Dragon	
Boiga irregularis	Brown Tree	
	Snake	
Dendrelaphis	Common	
punctulatus	Tree Snake	
Ctenotus	Copper-	
taeniolatus	tailed Skink	
Cryptoblepharus	Cream-	
virgatus	striped	
	Shinning-	
	skink	
Concinnia	Dark	
martini	Barsided	
	Skink	
Lampropholis	Dark-flecked	
delicata	Garden	
	Sunskink	
Tiliqua	Eastern	

Reptiles			
Scientific name   Common			
	name		
scincoides	Blue-tongue		
Pseudonaja	Eastern		
textilis	Brown Snake		
Egernia mcpheei	Eastern		
	Crevice		
	Skink		
Intellagama	Eastern		
lesueurii	Water		
	Dragon		
Cacophis	Golden-		
squamulosus	crowned		
	Snake		
Varanus varius	Lace		
	Monitor		
Amalosia	Lesueur's		
lesueurii	Velvet		
	Gecko		
Emydura	Macquarie		
macquarii	River Turtle		

Reptiles			
Scientific name	Common		
	name		
macquarii			
Cyclodomorphus	Pink-		
gerrardii	tongued		
	Lizard		
Pseudechis	Red-bellied		
porphyriacus	Black Snake		
Ctenotus	Robust		
robustus	Ctenotus		
Anomalopus	Three-		
verreauxii	clawed		
	Worm-skink		
Carlia vivax	Tussock		
	Rainbow-		
	skink		
Demansia	Yellow-faced		
psammophis	Whip Snake		

Fish and crustaceans			
Scientific name Common			
	name		
Cherax	Dam Yabby		
destructor			
Hypseleotris	Firetail		
galii	Gudgeon		

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## APPENDIX 5 – APPROVAL AND AMENDMENTS FROM PREVIOUS VERSION

In line with section 25 of the *Forestry Act 2012*, flora reserve working plans and any amendments must be approved by the Minister. This plan forms part of the working plans for each of the individual flora reserves listed in section 6.

This plan was approved by The Hon. Tara Moriarty MLC, Minister for Agriculture, Minister for Regional New South Wales and Minister for Western New South Wales

Date of approval: 6/9/23

Version	Changes	Approval details
2.0	» Reference to the Flora Reserve Plate Background and General Managem	Minister for Agriculture
	» Formatting updated	South Wales and Minister for
	» Change	Western New South Wales, 6/9/23