



Natural Area
CONSULTING MANAGEMENT SERVICES

Water Corporation

Logue Brook Dam Flora, Vegetation, Fauna and Black Cockatoo Survey

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1.0 Introduction

Natural Area Consulting Management Services (Natural Area) was commissioned by the Water Corporation to undertake a detailed flora and vegetation survey, as well as a basic fauna survey, with a targeted Western Ringtail Possum and black cockatoo habitat assessment, at Logue Brook Dam (CW01144). Surveys were commissioned to inform all relevant stakeholders on environmental values relating to planning and potential approvals which may be required ahead of planned dam safety works.

1.1 Location

The survey area is approximately 50 km southeast of Mandurah, located within the Shire of Harvey. Covering roughly 48 ha, the area is situated on the western edge of Lake Brockman (Figure 1). Logue Brook dam was constructed in 1963 to further improve the Harvey irrigation scheme, and as a result Lake Brockman was formed (Department of Conservation and Land Management (CALM), 1989). Due to past historical land clearing, the majority of the survey area has been cleared, with an estimated 17 ha area to be assessed. The average annual runoff of the Logue Brook Dam catchment is approximately 12.5 million cubic metres, with headwaters of feeder streams originating from dissected laterite ridges (CALM, 1989). Currently, Lake Brockman is open to the public for recreational use.

1.2 Scope

The scope of works associated with the survey works included:

- desktop assessment to determine environmental values and conservation significant flora, fauna, habitat, vegetation, or other environmental features relating to the project area
- detailed flora survey to identify floristic diversity, existing vegetation conditions, occurrence of conservation significant flora and/or Threatened and Priority Ecological Communities
- on-ground detailed flora survey of the area to determine:
 - flora species composition (native and non-native)
 - presence of any priority or threatened flora species
 - vegetation type and condition
 - presence and locations of any Declared Pests and Weeds of National Significance (WoNS)
- on-ground basic fauna survey to record opportunistic sightings of fauna or evidence of their presence including tracks, scats, dens, warrens, and calls
- targeted search for Western Ringtail Possum (*Pseudocheirus occidentalis*) through the presence of suitable habitat trees (*Agonis flexuosa*), presence of dreys, scats and/or through direct observation
- habitat assessment for black cockatoos, including the presence of habitat trees with a diameter at breast height (DBH) >500 mm and determining the presence of foraging and nesting habitat for threatened black cockatoos
- mapping of fauna habitat types and assessment of the habitat quality
- reporting outcomes of the survey.

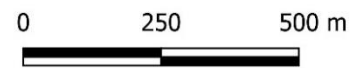
1.3 Objectives

The objective of the survey was to collect sufficient information relating to the conservation value and condition of the flora, vegetation and fauna within the survey area to inform the decision making and environmental approval process related to the proposed remedial works within Logue Brook Dam.



Figure 1:
Site Location
Logue Brook Dam, Lake Brockman

Client: Water Corporation
Date: 20/01/2021
Created by: M. Gray
Image Source: Nearmap, 2021
Datum: GDA 94



2.0 Site Characteristics

The characteristics of a site have a strong bearing on the flora, vegetation, fauna, and ecological communities present. Key characteristics of the survey area are outlined in this section.

2.1 Regional Context

According to Interim Biogeographical Regionalisation of Australia (IBRA) descriptions, the survey area is located within the JAF01 – Northern Jarrah Forest subregion. This subregion occurs east of the Darling Scarp which is overlying granite and metamorphic rocks with an average elevation of 300 m. The Northern Jarrah Forest region is dominated by Jarrah Marri forest on laterite soils and in the eastern area of the subregion is dominated by Wandoo-Marri woodland on clayey soil (Williams and Mitchell, 2001).

2.2 Climate

The climate experienced in the area is Mediterranean, with dry, hot summers and cool, wet winters. According to the Bureau of Meteorology (2020); Wokalup WA, site number 009642, the region has an average:

- rainfall of 957.4 mm pa, with rain falling predominantly between May and August
- maximum temperature ranging from 16.7 °C in winter to 31 °C in summer, with a maximum recorded temperature of 43.6 °C
- minimum temperature ranging from 7.9 °C in winter to 16.1 °C in summer, with a minimum recorded temperature of -0.7 °C
- predominant wind directions include morning easterlies and westerly sea breezes during the summer months, with an average wind speed of 14.9 km/h.

2.3 Soils and Topography

According to the Natural Resource Info (NRInfo) data maintained by the Department Primary Industries and Regional Development (DPIRD, 2021), three soil types occur within the study area, with the Murray Subsystem (255MvMY) being the dominant soil type (Table 1, Figure 2). The survey area resides within the Darling Scarp with undulating topography and contours ranging from 208 m to 248 m Australian Height Datum (AHD) (Figure 2).

Table 1: Soil types

Code	Name	Description
255MvMY	Murray Subsystem	Deeply incised valley of the Murray River; red and yellow earths and minor duplex soils; occasional rock outcrops; narrow sandy terrace.
255MvDR1	Murrays Valleys DR1 Phase	Gentle to moderate slopes of scarp face (5-25%) with red and yellow gradational earths and duplex soils with variable depth and common rock outcrop.
255DpHR	Hester Subsystem	Ridges and hill crests on laterite and gneiss, relief 5-40m, slopes 5-15 %. Soils are sandy gravels, loamy gravels and loamy earths.

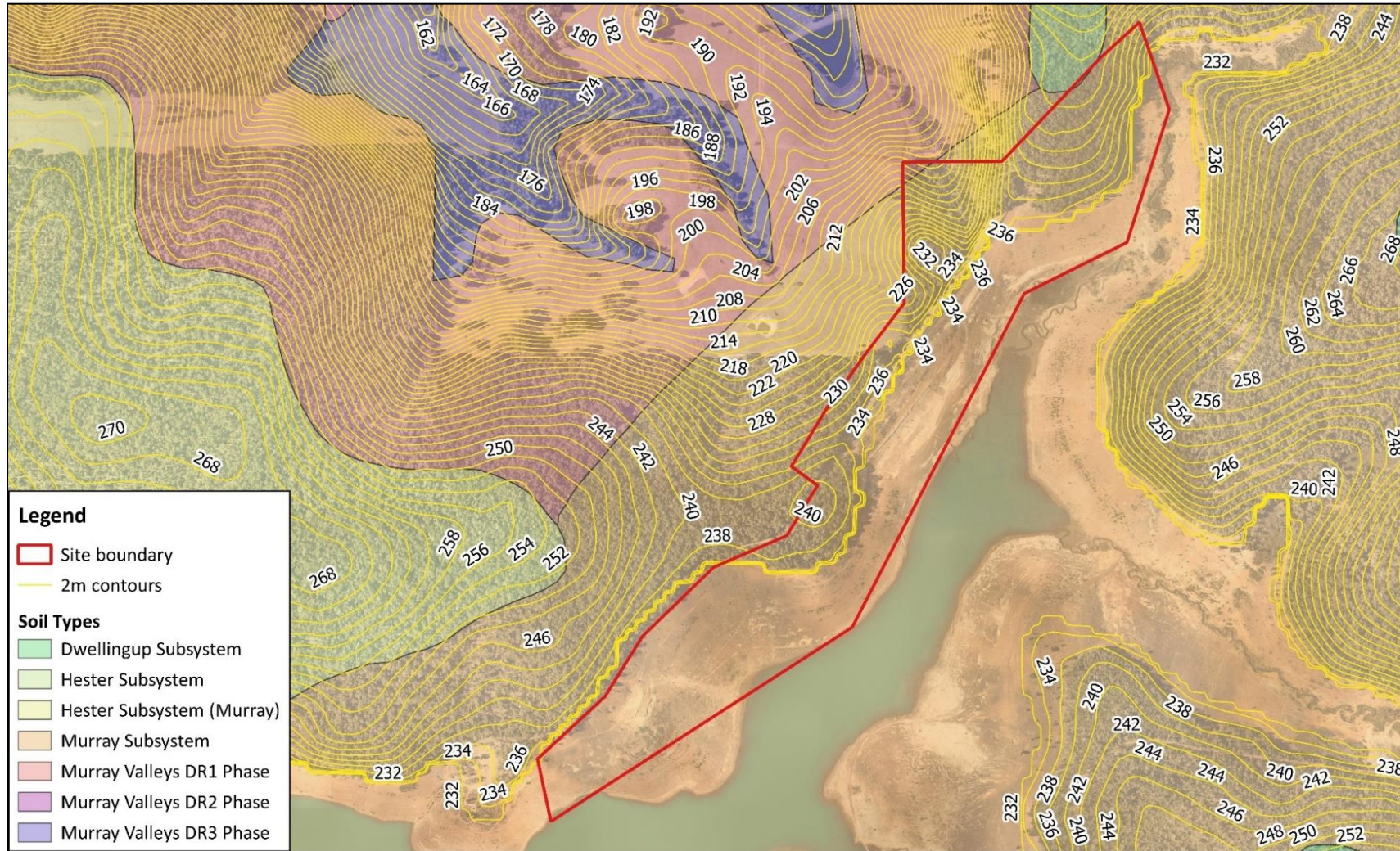
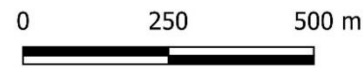


Figure 2:
Soil Types and Topography
Logue Brook Dam, Lake Brockman

Client: Water Corporation
Date: 20/01/2021
Created by: JWei
Image Source: Nearmap, 2021
Datum: GDA 94



2.4 Vegetation Complex

Three vegetation complexes were identified within the assessment areas (Table 2) by the WALGA Environmental Tool (2020) and as described by Heddle, Loneragan, and Havel (1980).

Table 2: Vegetation Complexes

Name	Description
Murray 1	Dominated by open forests comprising of Jarrah-Marri on the valley slopes and an open forest of Jarrah, Marri and <i>Eucalyptus patens</i> on the lower bank slopes (Heddle <i>et al.</i> 1980). Along creeks, the fringing vegetation is comprised of a woodland of <i>Eucalyptus rudis</i> and <i>Melaleuca raphiophylla</i>
Helena 1	The vegetation type is variable depending on the depth of soil and ranges from an open forest of jarrah-marri on the lower slopes and valley floors to the heaths on shallow soils on the upper slopes, to herblands and lithic complex on the granite rocks.
Dwellingup	Dominated by an open-forest of jarrah-marri on the uplands and restricted to medium-high rainfall areas (receiving 900-1100mm average annual rainfall).

2.5 Pre-European Vegetation

The pre-European vegetation indicated to occur within the survey area is mostly West Darling 3 vegetation system (Department of Primary Industries and Regional Development, 2020). It is described as forest comprising of mainly Jarrah (*Eucalyptus marginata*) and Marri (*Corymbia calophylla*) (DPIRD, 2020). The current remaining extent of pre-European vegetation is approximately 1,606,736 ha (67.21%). (DWER, 2021).

2.6 Fauna Habitat

There is potential for the three threatened black cockatoo species and their habitats to occur on site including, the Carnaby's Cockatoo (*Calyptorhynchus latirostris*) listed as endangered under the *EPBC Act 1999* (Cwlth), the Forest Red-tailed Black Cockatoo (*Calyptorhynchus banksii naso*) and the Baudin's Black Cockatoo (*Calyptorhynchus baudinii*) listed as Vulnerable; all are listed as threatened under the *Biodiversity Conservation Act 2016* (WA). According to the WALGA Environmental Planning Tool (2020), the survey area is located within the Jarrah Forest Region, which requires investigation to determine Carnaby's Cockatoo feeding habitat.

According to DBCA's Web Map Service (*Western Ringtail Possum Habitat Suitability* (DBCA-049) (Department of Biodiversity Conservation and Attractions, 2020a), the closest suitable habitat for the Western Ringtail Possum occurs approximately 10 km south of the survey area, in the vicinity of Harvey Dam Reservoir.

2.7 Aboriginal and European Heritage

A search within 10 km of the survey area on the Aboriginal heritage inquiry system (10 km radius) (Department of Planning, Lands and Heritage, 2021a) and inherit database (Department of Planning, Lands and Heritage, 2021b) indicated no Registered Aboriginal Sites or State Registered Places occurring within the survey area.

3.0 Methodology

3.1 Desktop and Literature Review

Desktop surveys were undertaken to determine:

- likely native and non-native flora and fauna species present
- current extent of native vegetation
- general floristic community types
- likely presence of threatened or priority flora and fauna species
- likely presence of any threatened or priority ecological communities.

The following databases were accessed to obtain relevant information:

- NatureMap (Department of Biodiversity, Conservation and Attractions, 2020c) (Appendix 1)
- Protected Matters Search Tool (Department of Agriculture, Water and the Environment, 2020), (Appendix 2)
- National Map to determine to determine soil types (Department of Primary Industries and Regional Development, 2020), IBRA subregions
- FloraBase (Department of Biodiversity, Conservation and Attractions, 2020b).

Conservation code definitions for the State and Commonwealth and the data relating to conservation significant species from database searches were summarised into field reference guides to aid with on-ground flora and fauna surveys (Appendix 4).

3.2 On-ground Flora Methodology

Natural Area personnel Sharon Hynes (Lead Botanist) and Ben Connor (Field Assistant) surveyed the area over three days (27th Nov 2020, 8th Dec 2020 and 25th Jan 2021) with key GPS data recorded using Mappt software on a handheld Samsung tablet. The flora and vegetation surveys were carried out in accordance with *EPA Technical Guidance – Flora and Vegetation Surveys for Environmental Impact Assessment* (Environmental Protection Authority, 2016). Samples were collected and any unfamiliar species were recorded and photographed to enable later identification.

Field activities included:

- setting up a total of six (10 x 10 m) quadrats were set up across in the two vegetation types determined (Figure 5). A photograph was taken of each quadrat from the north east corner (Appendix 6)
- assessing boundaries of vegetation type and condition extent across the survey area
- recording aspect, topography, and slope of the area
- recording soil colour and type
- recording bare ground, gravel, rock, and leaf litter as a percentage of cover
- recording drainage of the area
- recording flora species present including percentage cover, height, and habit. Additional species were recorded whilst the area was traversed

- determining the presence of any further threatened or priority listed flora species and/or ecological communities listed under the *Biodiversity and Conservation Act 2016 (WA)* and/or the *Environmental Protection and Biodiversity Conservation Act 1999 (Commonwealth)*
- tracklogs of ecologists undertaking data collection with time/date attribute data that demonstrate survey effort were recorded.

3.2.1 Vegetation Type

The vegetation type was determined using the structural classes described in *Bush Forever Volume 2* (Government of Western Australia, 2000), and records dominant over, middle and understorey species. A tablet equipped with GPS mapping software (Mappt) was used to mark the change in vegetation type across the survey area. A description of the various structural classes is provided in Table 3.

Table 3: Vegetation structural classes

Life Form/Height Class	Canopy Percentage Cover			
	100 – 70%	70 – 30%	30 – 10%	10 – 2 %
Trees over 30 m	Tall closed forest	Tall open forest	Tall woodland	Tall open woodland
Trees 10 – 30 m	Closed forest	Open forest	Woodland	Open woodland
Trees under 10 m	Low closed forest	Low open forest	Low woodland	Low open woodland
Tree Mallee	Closed tree mallee	Tree mallee	Open tree mallee	Very open tree mallee
Shrub Mallee	Closed shrub mallee	Shrub mallee	Open shrub mallee	Very open shrub mallee
Shrubs over 2 m	Closed tall scrub	Tall open scrub	Tall shrubland	Tall open shrubland
Shrubs 1 – 2 m	Closed heath	Open heath	Shrubland	Open shrubland
Shrubs under 1 m	Closed low heath	Open low heath	Low shrubland	Low open shrubland
Grasses	Closed grassland	Grassland	Open grassland	Very open grassland
Herbs	Closed herbland	Herbland	Open herbland	Very open herbland
Sedges	Closed sedgeland	Sedgeland	Open sedgeland	Very open sedgeland

(Source: Government of Western Australia, 2000)

3.2.2 Vegetation Condition

Vegetation condition was assessed using the rating scale attributed to Keighery in *Bush Forever Volume 2* (Government of Western Australia, 2000). A tablet equipped with GPS mapping software (Mappt) was used to mark the extent of vegetation condition across the area. Table 4 provides a description of the rating scale.

Table 4: Vegetation condition ratings

Category	Description
1 Pristine	Pristine or nearly so, no obvious signs of disturbance.

Category	Description	
2	Excellent	Vegetation structure intact, disturbance affecting individual species and weeds are non-aggressive species.
3	Very Good	Vegetation structure altered, obvious signs of disturbance. For example, disturbance to vegetation structure caused by repeated fires, the presence of some more aggressive weeds, dieback, logging and grazing.
4	Good	Vegetation structure significantly altered by very obvious signs of multiple disturbances. Retains basic vegetation structure or ability to regenerate it. For example, disturbance to vegetation structure caused by very frequent fires, the presence of some very aggressive weeds at high density, partial clearing, dieback and grazing.
5	Degraded	Basic vegetation structure severely impacted by disturbance. Scope for regeneration but not to a state approaching good condition without intensive management. For example, disturbance to vegetation structure caused by very frequent fires, the presence of very aggressive weeds, partial clearing, dieback and grazing.
6	Completely Degraded	The structure of the vegetation is no longer intact, and the area is completely or almost completely without native species. These areas are often described as 'parkland cleared' with the flora comprising weed or crop species with isolated native trees or shrubs.

(Source: Government of Western Australia, 2000)

3.3 On-ground Fauna Methodology

A basic fauna survey was undertaken in conjunction with other survey activities. The on-ground fauna survey was completed in accordance with a Basic Fauna Survey as outlined in the Environmental Protection Authority (EPA) *Technical Guidance, Terrestrial vertebrate fauna surveys for environmental impact assessment* (EPA, 2020). The fauna survey included recording opportunistic sightings of fauna species while traversing the survey area along with recording evidence of their presence in the form of:

- scats
- tracks
- diggings
- burrows, dens and warrens
- runnels (vegetative tunnels)
- calls.

The Western Ringtail possums survey recorded:

- GPS locations of suitable habitat trees (*Agonis flexuosa*)
- dreys (vegetative nest)
- scats
- other presence indicators.

The Black Cockatoo habitat survey recorded:

- GPS locations of habitat trees with a diameter at breast height (DBH) of > 500 mm which have the potential to provide habitat in the form of foraging (form of chewed nuts), roosting or hollows for threatened black cockatoos
- species of the habitat trees, if they contain hollows
- direct sightings of birds within the survey area
- a photograph of each habitat tree and its canopy.

3.4 Limitations

Several limitations associated with both desktop and on-ground flora surveys exist, including:

- database searches provide an indication of what flora species may be present, with on ground surveys required to confirm those present
- the differing databases are reliant on information submitted via various reporting mechanisms, so all records of a particular species or ecological community within a specified area may not be complete
- information on flora species provided on some databases include out-of-date species names, meaning that names need to be checked for currency
- herbarium records are largely limited to vouchered specimens
- plant species flower at different times and are not always able to be identified
- not all species flower every year
- some fauna species are highly mobile and may utilise the survey area as part of their range but may not be present at the time of the survey.
- certain fauna species are shy, difficult to observe or active at different times of the day and may not be observed even though they are present on site
- high daytime temperatures during summer surveys may reduce fauna movement, reducing probability of encountering species.

Despite these limitations, Natural Area estimates that 80 – 90% of flora species within the survey area were identified.

4.0 Flora Survey Results

4.1 Desktop Survey

A NatureMap Species Report indicated the potential for 1113 flora species to occur within a 20 km radius of the survey area including:

- 712 dicotyledons
- three gymnosperms
- 382 monocotyledons
- 16 ferns.

A desktop survey of online databases indicated the potential for a total of 55 conservation significant species to occur within 20 km of the survey area (Table 5). NatureMap indicated 47 conservation significant flora species listed under the *Biodiversity Conservation Act 2016* (WA), as potentially occurring within 20 km radius of the survey area (DBCA, 2020a) (Appendix 1). A review of the Protected Matters Search Tool (PMST) (Department of Agriculture, Water, and the Environment, 2020) indicated 16 significant flora species listed under the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act) (Cwlth) as potentially occurring within a 20 km radius of the survey area (Appendix 2). Based on the existing site conditions (soil type, drainage) and current known species ranges, the following 14 flora species have the potential to occur within the survey area (highlighted in green, Table 5).

Table 5: Priority and threatened flora species with the potential to occur within survey area

Species	Cons Code	Nature Map	PMST
<i>Acacia flagelliformis</i>	P4	X	
<i>Acacia horridula</i>	P3	X	
<i>Acacia oncinophylla</i> subsp. <i>patulifolia</i>	P4	X	
<i>Acacia semitrullata</i>	P4	X	
<i>Actinotus repens</i>	P3	X	
<i>Amanita fibrilloses</i>	P3	X	
<i>Andersonia gracilis</i>	EN		X
<i>Angianthus drummondii</i>	P3	X	
<i>Anthocercis gracilis</i>	VU		X
<i>Boronia capitata</i> subsp. <i>gracilis</i>	P3	X	
<i>Boronia tenuis</i>	P4	X	
<i>Caladenia huegelii</i>	T / EN	X	X
<i>Caladenia speciosa</i>	P4	X	
<i>Caladenia uliginosa</i> subsp. <i>patulens</i>	P1	X	
<i>Carex tereticaulis</i>	P3	X	
<i>Chamaescilla gibsonii</i>	P3	X	

Species	Cons Code	Nature Map	PMST
<i>Conostylis pauciflora</i> subsp. <i>pauciflora</i>	P4	X	
<i>Cyathochaeta teretifolia</i>	P3	X	
<i>Dillwynia dillwynioides</i>	P3	X	
<i>Diuris drummondii</i>	T / VU	X	X
<i>Diuris micrantha</i>	VU		X
<i>Diuris purdiei</i>	T / EN	X	X
<i>Drakaea elastica</i>	T / EN	X	X
<i>Drakaea micrantha</i>	T / VU	X	X
<i>Eleocharis keigheryi</i>	VU		X
<i>Eucalyptus</i> x <i>graniticola</i>	P4	X	
<i>Euphrasia scabra</i>	P2	X	
<i>Grevillea bipinnatifida</i> subsp. <i>pagna</i>	P1	X	
<i>Grevillea prominens</i>	P3	X	
<i>Haemodorum loratum</i>	P3	X	
<i>Hemigenia microphylla</i>	P3	X	
<i>Lambertia echinata</i> subsp. <i>occidentalis</i>	EN		X
<i>Lasiopetalum pterocarpum</i>	EN		X
<i>Meionectes tenuifolia</i>	P3	X	
<i>Melaleuca viminalis</i>	P2	X	
<i>Millotia tenuifolia</i> var. <i>laevis</i>	P2	X	
<i>Myriophyllum echinatum</i>	P3	X	
<i>Pterostylis frenchii</i>	P2	X	
<i>Schizaea rupestris</i>	P2	X	
<i>Schoenus</i> sp. Waroona	P3	X	
<i>Senecio leucoglossus</i>	P4	X	
<i>Stylidium aceratum</i>	P3	X	
<i>Stylidium ireneae</i>	P4	X	
<i>Stylidium korijekup</i>	P2	X	
<i>Stylidium paludicola</i>	P3	X	
<i>Stylidium trudgenii</i>	P3	X	
<i>Synaphea odocoileops</i>	P1	X	
<i>Synaphea</i> sp. Fairbridge Farm	CR		X

Species	Cons Code	Nature Map	PMST
<i>Synaphea</i> sp. Pinjarra Plain	EN		X
<i>Synaphea</i> sp. Serpentine	T / CR	X	X
<i>Synaphea stenoloba</i>	T / EN	X	X
<i>Tetraria australiensis</i>	T / VU	X	X
<i>Tetraria</i> sp. Nannup	P1	X	
<i>Tetradlea parvifolia</i>	P3	X	
<i>Tripterococcus</i> sp. Brachylobus	P4	X	

4.1.1 Threatened and Priority Ecological Communities

A review of the Protected Matters Search Tool reported that there are three listed Threatened and Priority Ecological Communities (TEC's, PEC's) that could potentially occur within 20km of the survey area (Department of Agriculture, Water and Environment, 2020) (Table 6). A review of the DBCA's Threatened and Priority Ecological Communities database indicates that the closest known TEC's, PEC's occur approximately 5km East of the survey area on the Swan Coastal Plain (DBCA, 2020c).

Table 6: Threatened and Priority Ecological Communities within the Logue Brook Dam survey area

Name	Status	Presence
<i>Banksia</i> Woodlands of the Swan Coastal Plain ecological community	Endangered	Community likely to occur within area
<i>Corymbia calophylla</i> - <i>Xanthorrhoea preissii</i> woodlands and shrublands of the Swan Coastal Plain	Endangered	Community likely to occur within area
Tuart (<i>Eucalyptus gomphocephala</i>) Woodlands and Forests of the Swan Coastal Plain ecological community	Critically Endangered	Community likely to occur within area

4.1.2 Introduced Species

A review of the Protected Matters Search Tool reported that there are 15 weeds of national significance (WoNS) which have the potential to occur within 20 km of the survey area (Table 7) (Department of Agriculture, Water and the Environment, 2020).

Table 7: Weeds of National Significance (WoNS)

WoNS	Common Name
<i>Anredera cordifolia</i>	Madeira Vine
<i>Asparagus asparagoides</i>	Bridal Creeper
<i>Brachiaria mutica</i>	Para Grass
<i>Cenchrus ciliaris</i>	Buffel-grass, Black Buffel-grass
<i>Chrysanthemoides monilifera</i>	Bitou Bush, Boneseed
<i>Chrysanthemoides monilifera</i> subsp. <i>Monilifera</i>	Boneseed

WoNS	Common Name
<i>Eichhornia crassipes</i>	Water Hyacinth, Water Orchid, Nile Lily
<i>Genista linifolia</i>	Flax-leaved Broom, Mediterranean Broom, Flax Broom
<i>Genista sp. X Genista monspessulana</i>	Broom
<i>Lantana camara</i>	Lantana, Common Lantana
<i>Lycium ferocissimum</i>	African Boxthorn, Boxthorn
<i>Olea europaea</i>	Olive, Common Olive
<i>Pinus radiata</i>	Radiata Pine Monterey Pine, Insignis Pine, Wilding Pine
<i>Rubus fruticosus aggregate</i>	Blackberry, European Blackberry
<i>Salix spp. except S.babylonica, S.x calodendron & S.x reichardtii</i>	Willows except Weeping Willow, Pussy Willow

Source: Department of Agriculture, Water and the Environment (2020)

4.2 Flora On-ground Survey

4.2.1 Flora

A total of 92 flora species (taxa) were recorded from 40 families during the field survey, including 16 weeds and 72 native species. Examples of native flora species are shown in Figure 3 and weed species in Figure 4. A complete flora species list is provided in Appendix 5, with quadrat data provided in Appendix 6.

One Category 3 Declared Pest, Narrowleaf cottonbush (*Gomphocarpus fruticosus*), was identified within the survey area, locations are shown in Figure 5. Declared pests are listed on the Western Australian Organism List under the *Biosecurity and Agriculture Management Act 2007* (WA). This classification requires the landowner/land manager to control the population to limit damage as a result of the presence of these species (Table 8) (DPIRD 2021).

Table 8: Management control categories for declared plants

Category	Action
C1	Exclusion: includes species that are not yet established in Western Australia and control measures are to be taken to prevent them entering and establishing
C2	Eradication: present in low enough numbers or in sufficiently limited areas that eradication is feasible
C3	Management: established in Western Australia and it is feasible or desirable to manage them in order to limit damage. Control includes the prevention of population size or density increasing or moving into an area where it currently doesn't occur

(Source: Department of Primary Industries and Regional Development, 2021)

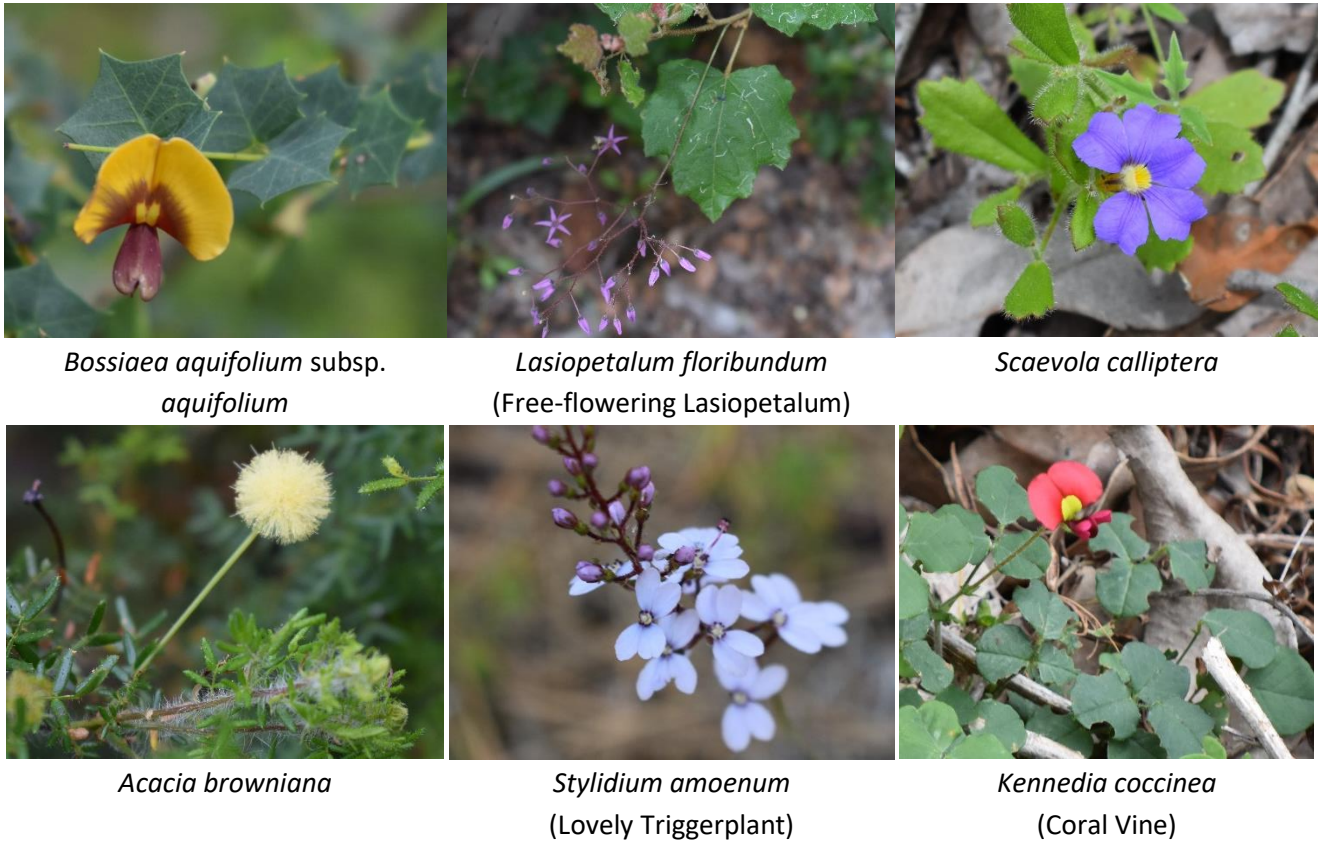


Figure 3: Examples of native flora species recorded



Bugle Lily (*Watsonia meriana* var. *bulbillifera**)



Narrowleaf Cottonbush (*Gomphocarpus fruticosus**)



Spear Thistle (*Cirsium vulgare**)

Figure 4: Examples of weed flora species recorded

4.2.1 Vegetation Type

Two vegetation types were determined to be within the survey area, namely the Jarrah Marri Forest and the *Viminaria juncea* and *Mirbelia dilatatum* Shrubland. Jarrah Marri Forest forms the dominant vegetation type in areas of higher elevations around Logue Brook Dam, whilst the Shrubland occurred on lower elevations of the banks, sloping down towards the dam. Vegetation types are described in Table 9 and their locations are shown in Figure 5.

Table 9: Vegetation types present at Logue Brook Dam survey area

Vegetation Type	Description	Photo
<i>Jarrah Marri Forest</i>	A Forest of <i>Corymbia calophylla</i> and <i>Eucalyptus marginata</i> over <i>Mirbelia dilatata</i> and <i>Bossiaea aquifolium</i> subsp. <i>aquifolium</i> and mixed shrubs; and an understorey of mixed herbs and sedges	
<i>Viminaria juncea</i> and <i>Mirbelia dilatatum</i> Shrubland	A shrubland of <i>Viminaria juncea</i> and <i>Mirbelia dilatata</i> over mixed shrubs and an understorey of <i>Conostylis aculeata</i> and mixed herbs and sedges.	

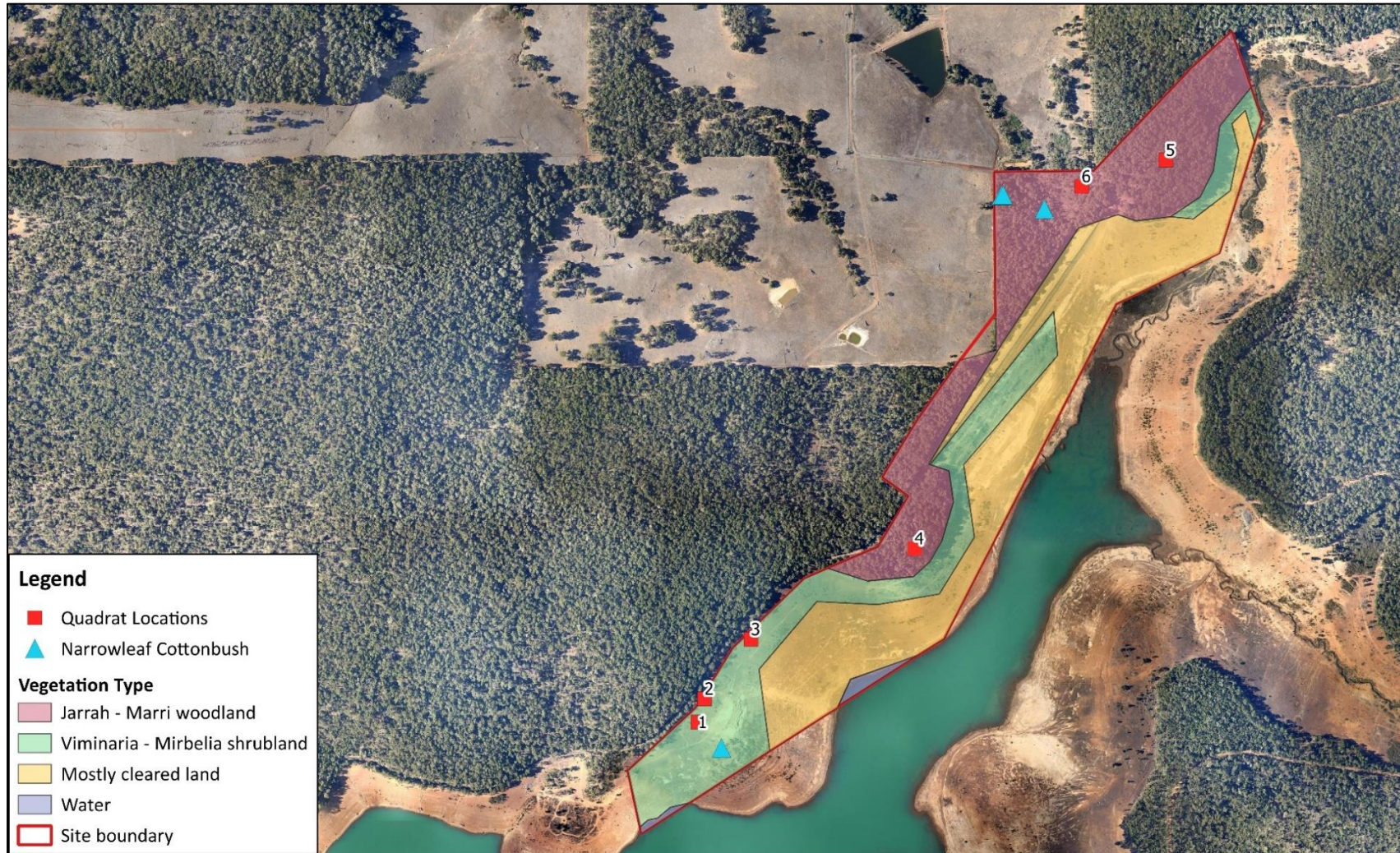
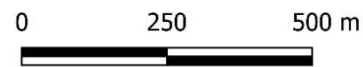


Figure 5:
Vegetation Types, Quadrat and
Declared Pest Locations
Logue Brook Dam, Lake Brockman

Client: Water Corporation
Date: 29/01/2021
Created by: M. Gray
Image Source: Nearmap, 2021
Datum: GDA 94



4.2.2 Vegetation Condition

Vegetation condition ranged from Completely Degraded to Excellent, with more than half of the survey area classified as Completely Degraded (51.3%) (Table 10, Figure 6). This area is primarily cleared and used for frequent recreational activities such as camping. Land to the north-west of the survey area is agricultural/pastoral land and weed encroachment was noted along the periphery of remnant bushland areas bordering this land (Figure 6). Better condition vegetation occurs further away from the dam in areas that are not utilised for camping, and in the centre of vegetated blocks with lower impact from edge effects. The area was also subjected to fires within the last 5 years with burnt trunks on trees visible and the understorey dominated by fire germinated shrubs such as the *Mirbelia dilatata*.

Table 10: Vegetation Condition

Vegetation Condition	Pristine	Excellent	Very Good	Good	Degraded	Completely Degraded	Totals
Area (ha)	0.0	4.2	3.8	8.3	8.2	24.8	48.4
Area (%)	0.0	8.7	7.8	15.0	17.1	51.3	100

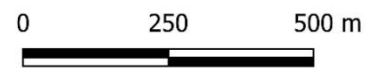
4.2.3 Threatened and Priority Ecological Communities

The flora and vegetation survey identified no priority and threatened ecological communities within the Logue Brook Dam survey area.



Figure 6:
Vegetation Condition
Logue Brook Dam, Lake Brockman

Client: Water Corporation
Date: 29/01/2021
Created by: M. Gray
Image Source: Nearmap, 2021
Datum: GDA 94



5.0 Fauna Survey Results

5.1 Desktop Survey

A NatureMap Species Report indicated the potential for 544 fauna species to occur within a 20km radius of the survey area including:

- 13 amphibians
- 152 birds
- 286 invertebrates
- 33 mammals
- 60 reptiles

Desktop surveys also indicated a total of 30 potential conservation significant fauna species that may potentially occur within the survey area (Table 11):

- NatureMap indicated 21 conservation significant species listed under the *Biodiversity Conservation Act 2016* (WA) that may potentially occur within 20 km of the survey area (Department of Biodiversity Conservation and Attractions, 2020a) (Appendix 1).
- Protected Matters Search Tool (PMST) indicated 15 conservation significant species under the *Environment Protection and Biodiversity Conservation Act 1999* (Cwlth) that may potentially occur within 20 km of the survey area. (Department of Agriculture, Water and the Environment, 2020) (Appendix 2).
- A review of DBCA threatened and priority fauna species database indicated the potential for 20 conservation species to occur within 15 km of the area. In addition, both the Carnaby's Cockatoo (*Calyptorhynchus latirostris*) and Quokka (*Setonix brachyurus*) were previously recorded within 1 km of the survey area (DBCA, 2020c).

Of the fauna species listed as potentially occurring, 11 are likely to occur based on the habitat present and their known range, these are highlighted green in Table 10.

Table 11: Threatened and Priority flora species listed by NatureMap, PMST, and DBCA

Lifeform	Species	Common Name	Cons Code	Nature Map	PMST	DBCA
Bird	<i>Atrichornis clamosus</i>	Noisy Scrub-bird	T / EN	X	X	
Mammal	<i>Bettongia penicillata ogilbyi</i>	Woylie, Brush-tailed Bettong	T / EN / CR	X	X	X
Bird	<i>Botaurus poiciloptilus</i>	Australasian Bittern	T / EN	X	X	X
Bird	<i>Calidris ferruginea</i>	Curlew Sandpiper	CR		X	
Bird	<i>Calyptorhynchus banksii naso</i>	Forest Red-tailed Black Cockatoo	T / VU	X	X	X
Bird	<i>Calyptorhynchus baudinii</i>	Baudin's Cockatoo	T / EN	X	X	X

Lifeform	Species	Common Name	Cons Code	Nature Map	PMST	DBCA
Bird	<i>Calyptorhynchus latirostris</i>	Carnaby's Cockatoo	T / EN	X	X	X
Reptile	<i>Ctenotus ora</i>	Coastal Plains Skink	P3	X		
Mammal	<i>Dasyurus geoffroii</i>	Chuditch, Western Quoll	T / VU	X	X	X
Bird	<i>Falco hypoleucos</i>	Grey Falcon	VU		X	
Bird	<i>Falco peregrinus</i>	Peregrine falcon	OS	X		X
Mammal	<i>Falsistrellus mackenziei</i>	Western Falsistrelle	P4	X		X
Mammal	<i>Hydromys chrysogaster</i>	Water-rat, Rakali	P4	X		X
Invertebrate	<i>Idiosoma sigillatum</i>	Swan Coastal Plain shield-backed trapdoor spider	P3	X		X
Mammal	<i>Isoodon fusciventer</i>	Quenda, southwestern brown bandicoot	P4	X		X
Bird	<i>Leipoa ocellata</i>	Malleefowl	VU		X	
Mammal	<i>Myrmecobius fasciatus</i>	Numbat, Walpurti	T	X		
Mammal	<i>Notamacropus irma</i>	Western Brush Wallaby	P4	X		X
Bird	<i>Numenius madagascariensis</i>	Eastern Curlew, Far Eastern Curlew	CR		X	
Bird	<i>Oxyura australis</i>	Blue-billed Duck	P4	X		X
Mammal	<i>Phascogale tapoatafa wambenger</i>	South-western Brush-tailed Phascogale, Wambenger	OS/ CD	X		X
Mammal	<i>Pseudocheirus occidentalis</i>	Western Ringtail Possum	T / CR	X	X	X
Bird	<i>Rostratula australis</i>	Australian Painted Snipe	EN		X	
Mammal	<i>Setonix brachyurus</i>	Quokka	T / VU	X	X	X
Bird	<i>Tringa glareola</i>	Wood sandpiper	MI			X
Bird	<i>Tringa nebularia</i>	Common greenshank, greenshank	MI			X
Bird	<i>Tyto novaehollandiae</i>	Masked Owl (southwest)	P3	X		X
Invertebrate	<i>Westralunio carteri</i>	Carter's Freshwater Mussel	T / VU	X	X	X

5.2 Fauna on-ground Survey

A total of 10 vertebrate species and one invertebrate were recorded during the survey (Table 12). Six species of birds were observed, including the threatened Forest Red-tailed Black Cockatoo (*Calyptorhynchus banksii naso*), which was recorded through direct observation while feeding on the nuts of the Marri tree (*Corymbia calophylla*).

Evidence of the presence of four mammal species were recorded through observation of tracks and scats. Three of the four mammals recorded are non-native introduced animals which includes the Red Fox (*Vulpes vulpes*), European Rabbit (*Oryctolagus cuniculus*) and Dog (*Canis familiaris familiaris*). The first two species are listed as C3 Declared Pests under the *Biosecurity and Agriculture Management Act 2007* (WA), which requires management by the landowner/manager to reduce their impact and spread.

Table 12: Fauna species observed

Family	Scientific Name	Common Name	Lifeform
Birds			
Acanthizidae	<i>Acanthiza apicalis</i>	Broad-tailed Thornbill (Inland Thornbill)	Bird
Alcedinidae	<i>Dacelo novaeguineae</i> *	Laughing Kookaburra	Bird
Artamidae	<i>Artamus cinereus</i>	Black-faced Woodswallow	Bird
Cacatuidae	<i>Calyptorhynchus banksii naso</i>	Forrest Red-tailed Black Cockatoo	Bird
Psittacidae	<i>Platycercus zonarius semitorquatus</i>	Twenty-eight Parrot	Bird
Maluridae	<i>Malurus splendens</i>	Splendid Fairywren	Bird
Invertebrate			
Nymphalidae	<i>Danaus plexippus</i>	Wanderer Butterfly	Invertebrate
Mammals			
Canidae	<i>Canis familiaris familiaris</i> *	Dog (scat)	Mammal
Canidae	<i>Vulpes vulpes</i> *	Red Fox (scat)	Mammal
Leporidae	<i>Oryctolagus cuniculus</i> *	European Rabbit (scats)	Mammal
Macropodidae		Kangaroo (tracks & scats)	Mammal

*Denotes introduced fauna species

5.3 Habitat Assessment

Majority of the survey area has been previously cleared with Degraded and Completely Degraded areas constituting over 68% (33 ha) of the survey area. Recreational activities, including camping, are permitted in surrounding areas. This increased anthropogenic disturbance, coupled with edge effects may result in the emigration of fauna species from these areas and reduce quality of the habitats.

The remnant Jarrah Marri Woodland vegetation located along the north-west boundary ranges from Good to Excellent condition and consists of good canopy trees which provides good quality habitat and foraging for many avian species. Habitat for terrestrial fauna such as reptiles, amphibians and small mammals are also present in the form of understorey shrubs, leaf litter, logs and rocks. The *Viminaria juncea* and *Mirbelia dilatatum* Shrubland provides a transition zone between the Woodland habitat and the cleared areas within the survey area. However, due to the Degraded to Completely Degraded vegetation condition of this habitat type, most fauna species may only utilise the site transiently for foraging and movement. The dam also provides a permanent water source for fauna.

A total of 336 habitat trees (DBH > 500 mm) that satisfied the *EPBC Act referral guidelines for three threatened black cockatoo species* were identified and their locations mapped (Table 13, Figure 8). Seven habitat trees were observed to have hollows with only one jarrah (*Eucalyptus marginata*) tree noted to have the potential to function as a breeding site (hollow opening large enough to accommodate mature black cockatoos) (Figure 9). None of the tree hollows displayed any signs of current black cockatoo breeding activity.



Evidence of black cockatoo foraging (Chewed marri nuts)



Evidence of black cockatoo foraging (Chewed marri nuts)



Feather from Red-tailed black cockatoos



Forest Red-tailed Black Cockatoos roosting on dead Jarrah

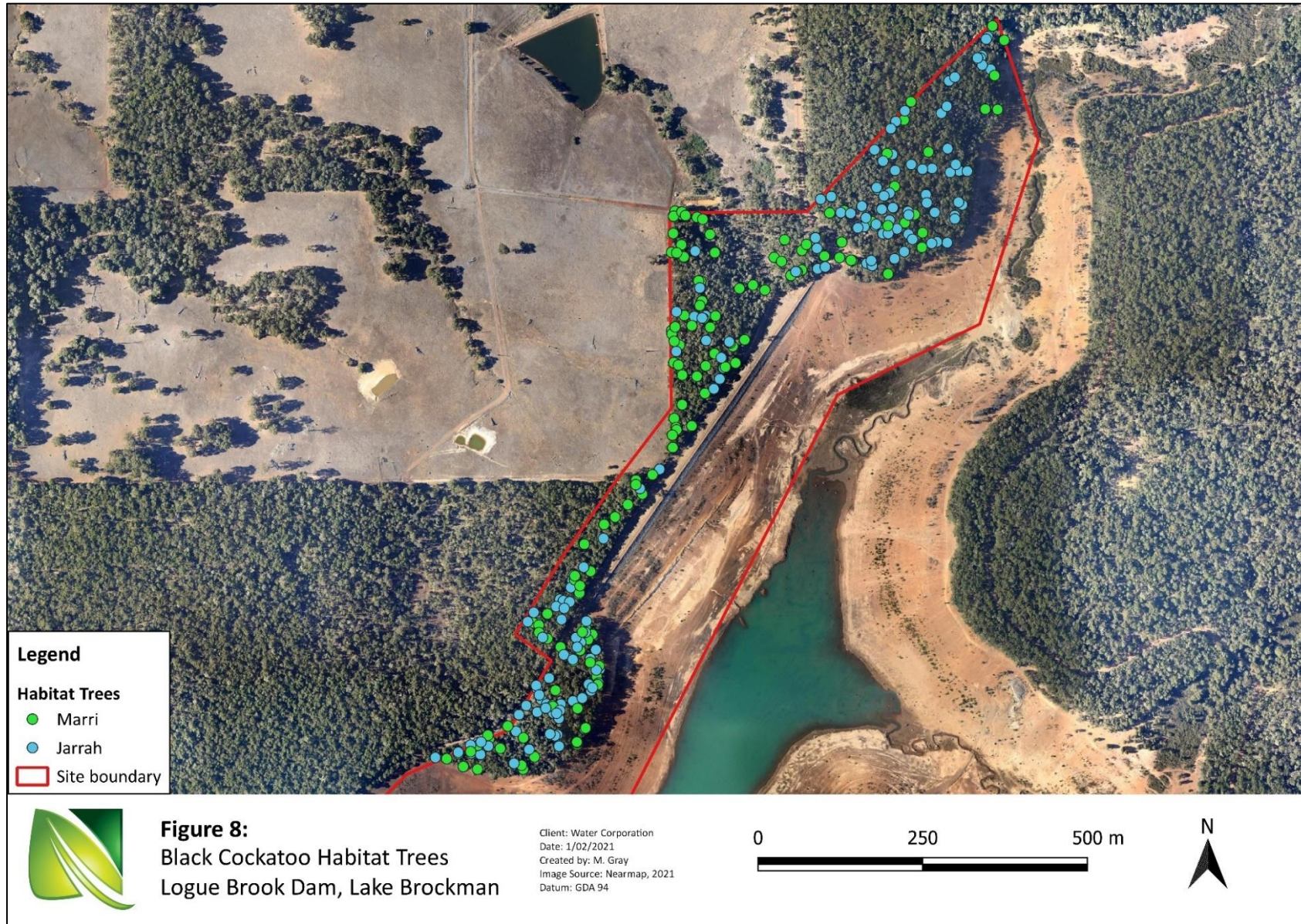
Figure 7: Examples of fauna observed at Logue Brook Dam

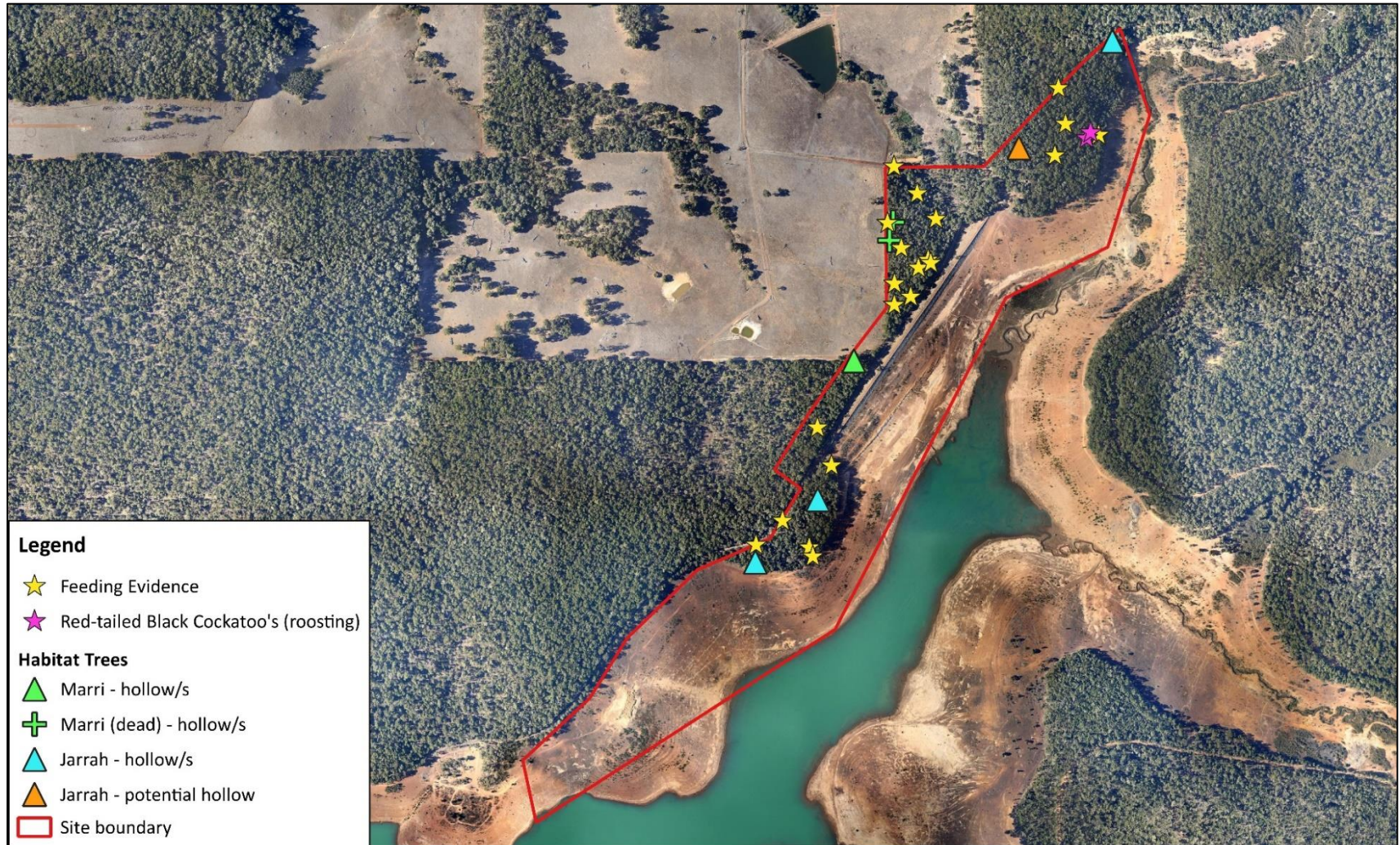
Table 13: Potential black cockatoo habitat trees

Species	Status	Suitable black cockatoo nesting hollows	Small Hollows	No Hollow	Total
Jarrah (<i>Eucalyptus marginata</i>)	Alive	1	3	170	174
	Dead	0	0	12	12
				Total	186
Marri (<i>Corymbia calophylla</i>)	Alive	0	1	140	141
	Dead	0	2	7	9
				Total	150
Combined Total		1	6	329	336

A summary of the habitat trees and GPS locations are provided in Appendix 7. Evidence of feeding in the form of chewed nuts (Marri) by black cockatoos were observed in 24 locations within the Jarrah Marri Woodland vegetation type (Figure 9). Forest Red-tailed Black Cockatoos (*Calyptrorhynchus banksii naso*) were also directly observed on two occasions, roosting in the northern section of the survey area (Figure 9).

No critical characteristic habitat, namely *Agonis flexuosa* Woodland, nor evidence (scats, dreys, direct observations) of the Western Ringtail Possum (*Pseudocheirus occidentalis*) were observed during the spring 2020 survey. The closest known records from DBCA threatened and priority fauna species search occurs approximately 9 km south of the survey area (DBCA 2020d).





Legend

- ★ Feeding Evidence
- ★ Red-tailed Black Cockatoo's (roosting)

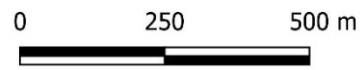
Habitat Trees

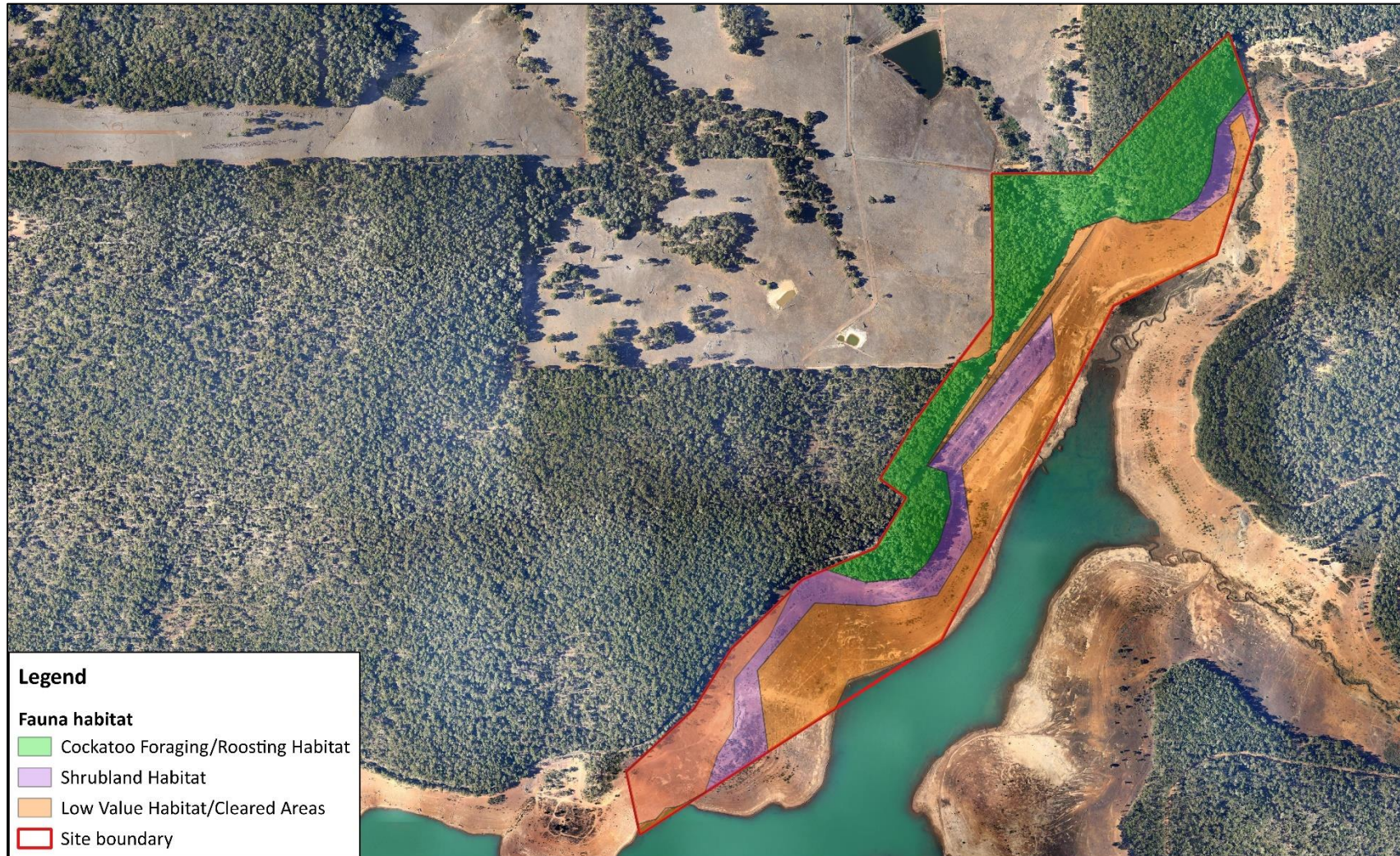
- ▲ Marri - hollow/s
- ✚ Marri (dead) - hollow/s
- ▲ Jarrah - hollow/s
- ▲ Jarrah - potential hollow
- Site boundary



Figure 9:
Black Cockatoo Roosting, Feeding and
Potential Nesting Locations
Logue Brook Dam, Lake Brockman

Client: Water Corporation
Date: 1/02/2021
Created by: M. Gray
Image Source: Nearmap, 2021
Datum: GDA 94





Legend

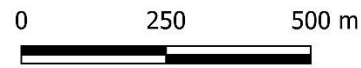
Fauna habitat

- Cockatoo Foraging/Roosting Habitat
- Shrubland Habitat
- Low Value Habitat/Cleared Areas
- Site boundary



Figure 10:
Fauna Habitat Types
Logue Brook Dam, Lake Brockman

Client: Water Corporation
Date: 29/01/2021
Created by: M. Gray
Image Source: Nearmap, 2021
Datum: GDA 94



A scoring tool, based on the *Revised draft referral guideline for three threatened black cockatoo species: Carnaby's Cockatoo, Baudin's Cockatoo and the Forest Red-tailed Black Cockatoo* (Commonwealth of Australia, 2017), considers key attributes of foraging habitat for each of the three black cockatoo species. This scoring tool assigns a habitat score between one and ten, with a score of ten representing the maximum possible score and very high quality of foraging habitat. Contextual adjustors (attributes that improve or reduce functionality of foraging habitat) such as tree species composition, availability of nesting hollows, distances from known breeding and roosting sites, were considered and used to evaluate habitat quality. The scoring matrix was applied to the survey area in Logue Brook, with habitat score of ten assigned to all three species (Table 14).

Table 14: Black Cockatoo foraging habitat scoring and justification (10-Very High Quality to 1-Low Quality)

Forest Red-tail Black Cockatoo foraging habitat	Score
Impact area contains native eucalypt Jarrah Marri woodland. <i>Corymbia calophylla</i> and <i>Eucalyptus marginata</i> are the dominant tree species, which are a known foraging resource for black cockatoos.	7
	Contains trees with suitable nest hollows: One jarrah tree presented suitably sized nest hollow, with six other trees exhibiting smaller hollows which may eventually develop breeding hollows
	+3
Context adjustors: attributes improving/ reducing functionality of foraging habitat	Primarily contains marri and/or jarrah
	+2
	Contains 336 trees with potential to be used for breeding (DBH ≥ 500 mm)
	+2
	>12 km from a known breeding location
	<ul style="list-style-type: none"> ▪ approximately 23 km from nearest Black Cockatoo breeding site (buffered)
	-1
	10
	Final Score
	Very high quality
Carnaby's Cockatoo foraging habitat	Score
Impact area contains native eucalypt Jarrah Marri woodland. <i>Corymbia calophylla</i> and <i>Eucalyptus marginata</i> are the dominant tree species, which are a known foraging resource for black cockatoos.	7
	Contains trees with suitable nest hollows: One jarrah tree presented suitably sized nest hollow, with six other trees exhibiting smaller hollows which may eventually develop breeding hollows
	+3
Context adjustors: attributes improving/ reducing functionality of foraging habitat	Primarily contains marri
	+2
	Contains 336 trees with potential to be used for breeding (DBH ≥ 500 mm)
	+2

	>12 km from a known breeding location	
	<ul style="list-style-type: none"> ▪ approximately 13 km from nearest Carnaby's Cockatoo confirmed breeding areas within Jarrah Forest IBRA Region 	-1
	>12 km from a known roosting location	
	<ul style="list-style-type: none"> ▪ approximately 19 km from nearest Carnaby's Cockatoo confirmed roost sites 	-1
	Final Score	10
		Very high quality
Baudin's Cockatoo foraging habitat		Score
Impact area contains native eucalypt Jarrah Marri woodland. <i>Corymbia calophylla</i> and <i>Eucalyptus marginata</i> are the dominant tree species, which are a known foraging resource for black cockatoos.		7
	Contains trees with suitable nest hollows: One jarrah tree presented suitably sized nest hollow, with six other trees exhibiting smaller hollows which may eventually develop breeding hollows	+3
Context adjustors: attributes improving/ reducing functionality of foraging habitat	Primarily contains marri	+2
	Contains 336 trees with potential to be used for breeding (DBH ≥ 500 mm)	+2
	>12 km from a known breeding location	
	<ul style="list-style-type: none"> ▪ approximately 23 km from nearest Black Cockatoo breeding site (buffered) 	-1
	Final Score	10
		Very high quality

6.0 Discussion

6.1 Flora and Vegetation

A total of 92 flora species across 40 families were recorded during the field survey. This includes 76 (82.6%) native plant species with the remaining 16 (17.4%) species being introduced (weed) species. Species are well represented in the Asteraceae (9 species), Fabaceae (12 species) and Poaceae (8 species) families.

Narrowleaf Cottonbush (*Gomphocarpus fruticosus*) was recorded in the survey area in several locations and is listed as a category C3 Declared Pest on the Western Australian Organism List under the *Biosecurity and Agriculture Management Act 2007* (WA) and requires the landowner/ land manager to control its population to limit damage because of the presence of this species.

As majority of the area has been previously cleared, 68% consists of Degraded to Completely Degraded areas. The remaining vegetation mainly constitutes Jarrah Marri Woodland in Good to Excellent condition along the western edges of the survey area.

6.1.1 Significant Flora

No threatened or priority flora species were recorded during Natural Area surveys.

6.1.2 Threatened and Priority Ecological Communities

No threatened or priority ecological communities were determined to be present within the survey area during the desktop or field surveys within the survey area. With the closest TEC and PEC areas indicated by DBCA (2020) to be 5km away from the site.

6.2 Fauna

A total of 10 vertebrate species were recorded during the survey. Of which six species are native fauna with the remaining four being introduced feral species. Foraging by black cockatoos was evident within the area through 24 recorded feeding locations. The threatened Forest Red-tailed Black Cockatoo (*Calyptorhynchus banksii naso*) was also recorded through direct observation while feeding on the nuts of the Marri trees (*Corymbia calophylla*).

Three non-native fauna species, including the Red Fox (*Vulpes vulpes*), European Rabbit (*Oryctolagus cuniculus*) and Dog (*Canis familiaris familiaris*) were recorded on site. The first two species are listed as Category 3 Declared Pests under the *Biosecurity and Agriculture Management Act 2007* (WA) and requires management by the landowner/ land manager to limit the potential damage these species may have on the native landscape, which can be done through baiting programs.

6.2.1 Fauna Habitat

While majority of the survey area has been previously cleared, with surrounding areas used for recreational activities, remnant vegetation still presents suitable habitat for native fauna. The upper canopy tree species within Jarrah Marri Woodland provides suitable foraging and roosting sites for many avian species including the three threatened black cockatoos.

Habitat for smaller terrestrial fauna such as reptiles, amphibians and small mammals is also in good condition with adequate vegetation cover from understorey shrub species, as well as suitable shelter/ refuge sites in the form of leaf litter, logs and rocks. The dam also provides a permanent water source for fauna.

To further identify additional fauna species a trapping program would need to be undertaken. If the area is proposed to be cleared, a fauna trapping and relocation targeting small mammals, reptiles and amphibians can be implemented to mitigate fauna loss due to land clearing. Larger mammals such as kangaroos and mobile bird species to be encouraged into adjacent areas during clearing process.

6.2.2 Black Cockatoo Habitat

The availability of potential habitat trees and known foraging resource is a good indicator for the presence of black cockatoos to occur within the survey area. While 336 habitat trees were recorded, only one Jarrah tree exhibited potential suitability as a breeding hollow due to size of the hollow present. Therefore, it is more likely that the survey area acts as a foraging and roosting site, rather than a breeding site for the black cockatoos. Based on the *Revised draft referral guideline for three threatened black cockatoo species: Carnaby's Cockatoo, Baudin's Cockatoo and the Forest Red-tailed Black Cockatoo* (Commonwealth of Australia, 2017), foraging habitat was very high quality for all three black cockatoo species. Impacts on higher quality foraging habitat have a corresponding lower acceptability of loss in hectares and therefore may require the need to refer the action for EPBC Act approval.

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Appendix 1: NatureMap Report

NatureMap Species Report

Created By Guest user on 24/11/2020

Current Names Only Yes
Core Datasets Only Yes
Method 'By Circle'
Centre 115° 58' 28" E, 32° 59' 40" S
Buffer 20km
Group By Species Group

Species Group	Species	Records
Alga	1	1
Amphibian	13	261
Bird	152	3354
Bryopsid (Moss)	18	65
Dicotyledon	712	2239
Fish	5	18
Fungus	15	695
Gymnosperm	3	15
Hepatic (Liverwort)	9	13
Invertebrate	286	1968
Lichen	35	125
Mammal	33	1231
Monocotyledon	382	1126
Pteridophyte (Fern)	16	33
Reptile	60	529
TOTAL	1740	11673

Name ID	Species Name	Naturalised	Conservation Code	Endemic To Query Area
Alga				
1.	36316 <i>Cladophora herpestica</i>			
Amphibian				
2.	25398 <i>Crinia georgiana</i> (Quacking Frog)			
3.	25399 <i>Crinia glauerti</i> (Clicking Frog)			
4.	25400 <i>Crinia insignifera</i> (Squelching Froglet)			
5.	25401 <i>Crinia pseudinsignifera</i> (Bleating Froglet)			
6.	25404 <i>Geocrinia leai</i> (Ticking Frog)			
7.	25408 <i>Heleioporus albopunctatus</i> (Western Spotted Frog)			
8.	25409 <i>Heleioporus barycragus</i> (Hooting Frog)			
9.	25410 <i>Heleioporus eyrei</i> (Moaning Frog)			
10.	25411 <i>Heleioporus inornatus</i> (Whooping Frog)			
11.	25415 <i>Limnodynastes dorsalis</i> (Western Banjo Frog)			
12.	25378 <i>Litoria adelaidensis</i> (Slender Tree Frog)			
13.	25388 <i>Litoria moorei</i> (Motorbike Frog)			
14.	25433 <i>Pseudophryne guentheri</i> (Crawling Toadlet)			
Bird				
15.	24260 <i>Acanthiza apicalis</i> (Broad-tailed Thornbill, Inland Thornbill)			
16.	24261 <i>Acanthiza chrysorrhoa</i> (Yellow-rumped Thornbill)			
17.	24262 <i>Acanthiza inornata</i> (Western Thornbill)			
18.	24560 <i>Acanthorhynchus superciliosus</i> (Western Spinebill)			
19.	25535 <i>Accipiter cirrocephalus</i> (Collared Sparrowhawk)			
20.	24281 <i>Accipiter cirrocephalus</i> subsp. <i>cirrocephalus</i> (Collared Sparrowhawk)			
21.	25536 <i>Accipiter fasciatus</i> (Brown Goshawk)			
22.	24282 <i>Accipiter fasciatus</i> subsp. <i>fasciatus</i> (Brown Goshawk)			
23.	25544 <i>Aegotheles cristatus</i> (Australian Owlet-nightjar)			
24.	24301 <i>Aegotheles cristatus</i> subsp. <i>cristatus</i> (Australian Owlet-nightjar)			
25.	24312 <i>Anas gracilis</i> (Grey Teal)			
26.	24315 <i>Anas rhynchotis</i> (Australasian Shoveler)			
27.	24316 <i>Anas superciliosa</i> (Pacific Black Duck)			
28.	47414 <i>Anhinga novaehollandiae</i> (Australasian Darter)			
29.	24561 <i>Anthochaera carunculata</i> (Red Wattlebird)			
30.	24562 <i>Anthochaera lunulata</i> (Western Little Wattlebird)			
31.	24285 <i>Aquila audax</i> (Wedge-tailed Eagle)			
32.	41324 <i>Ardea modesta</i> (great egret, white egret)			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
33.	24340 <i>Ardea novaehollandiae</i> (White-faced Heron)			
34.	24341 <i>Ardea pacifica</i> (White-necked Heron)			
35.	24610 <i>Ardeotis australis</i> (Australian Bustard)			
36.	25566 <i>Artamus cinereus</i> (Black-faced Woodswallow)			
37.	24353 <i>Artamus cyanopterus</i> (Dusky Woodswallow)			
38.	24358 <i>Atrichornis clamosus</i> (Noisy Scrub-bird, tjimiluk)		T	
39.	24318 <i>Aythya australis</i> (Hardhead)			
40.	<i>Barnardius zonarius</i>			
41.	24319 <i>Biziura lobata</i> (Musk Duck)			
42.	24345 <i>Botaurus poiciloptilus</i> (Australasian Bittern)		T	
43.	25715 <i>Cacatua roseicapilla</i> (Galah)			
44.	25716 <i>Cacatua sanguinea</i> (Little Corella)			
45.	25598 <i>Cacomantis flabelliformis</i> (Fan-tailed Cuckoo)			
46.	42307 <i>Cacomantis pallidus</i> (Pallid Cuckoo)			
47.	25717 <i>Calyptorhynchus banksii</i> (Red-tailed Black-Cockatoo)			
48.	24731 <i>Calyptorhynchus banksii</i> subsp. <i>naso</i> (Forest Red-tailed Black Cockatoo)		T	
49.	24733 <i>Calyptorhynchus baudinii</i> (Baudin's Cockatoo, White-tailed Long-billed Black Cockatoo)		T	
50.	24734 <i>Calyptorhynchus latirostris</i> (Carnaby's Cockatoo, White-tailed Short-billed Black Cockatoo)		T	
51.	48400 <i>Calyptorhynchus</i> sp. (white-tailed black cockatoo)		T	
52.	24321 <i>Chenonetta jubata</i> (Australian Wood Duck, Wood Duck)			
53.	<i>Chroicocephalus novaehollandiae</i>			
54.	24431 <i>Chrysococcyx basalis</i> (Horsfield's Bronze Cuckoo)			
55.	25601 <i>Chrysococcyx lucidus</i> (Shining Bronze Cuckoo)			
56.	24432 <i>Chrysococcyx lucidus</i> subsp. <i>plagiosus</i> (Shining Bronze Cuckoo)			
57.	24288 <i>Circus approximans</i> (Swamp Harrier)			
58.	24774 <i>Cladorhynchus leucocephalus</i> (Banded Stilt)			
59.	25675 <i>Colluricincla harmonica</i> (Grey Shrike-thrush)			
60.	24361 <i>Coracina maxima</i> (Ground Cuckoo-shrike)			
61.	25568 <i>Coracina novaehollandiae</i> (Black-faced Cuckoo-shrike)			
62.	24416 <i>Corvus bennetti</i> (Little Crow)			
63.	25592 <i>Corvus coronoides</i> (Australian Raven)			
64.	25595 <i>Cracticus tibicen</i> (Australian Magpie)			
65.	25596 <i>Cracticus torquatus</i> (Grey Butcherbird)			
66.	24322 <i>Cygnus atratus</i> (Black Swan)			
67.	30901 <i>Dacelo novaeguineae</i> (Laughing Kookaburra)	Y		
68.	25673 <i>Daphoenositta chrysoptera</i> (Varied Sittella)			
69.	24470 <i>Dromaius novaehollandiae</i> (Emu)			
70.	<i>Egretta novaehollandiae</i>			
71.	<i>Elanus axillaris</i>			
72.	25540 <i>Elanus caeruleus</i> (Black-shouldered Kite)			
73.	24290 <i>Elanus caeruleus</i> subsp. <i>axillaris</i> (Australian Black-shouldered Kite)			
74.	47937 <i>Elseornis melanops</i> (Black-fronted Dotterel)			
75.	<i>Eolophus roseicapillus</i>			
76.	24651 <i>Eopsaltria australis</i> subsp. <i>griseogularis</i> (Western Yellow Robin)			
77.	24652 <i>Eopsaltria georgiana</i> (White-breasted Robin)			
78.	24567 <i>Epthianura albifrons</i> (White-fronted Chat)			
79.	24379 <i>Erythronyx cinctus</i> (Red-kneed Dotterel)			
80.	25621 <i>Falco berigora</i> (Brown Falcon)			
81.	25622 <i>Falco cenchroides</i> (Australian Kestrel, Nankeen Kestrel)			
82.	24472 <i>Falco cenchroides</i> subsp. <i>cenchrus</i> (Australian Kestrel, Nankeen Kestrel)			
83.	25623 <i>Falco longipennis</i> (Australian Hobby)			
84.	25624 <i>Falco peregrinus</i> (Peregrine Falcon)		S	
85.	25727 <i>Fulica atra</i> (Eurasian Coot)			
86.	24761 <i>Fulica atra</i> subsp. <i>australis</i> (Eurasian Coot)			
87.	24763 <i>Gallinula tenebrosa</i> subsp. <i>tenebrosa</i> (Dusky Moorhen)			
88.	25730 <i>Gallirallus philippensis</i> (Buff-banded Rail)			
89.	24765 <i>Gallirallus philippensis</i> subsp. <i>mellori</i> (Buff-banded Rail)			
90.	25530 <i>Gerygone fusca</i> (Western Gerygone)			
91.	47962 <i>Glyciphila melanops</i> (Tawny-crowned Honeyeater)			
92.	24443 <i>Grallina cyanoleuca</i> (Magpie-lark)			
93.	24295 <i>Haliastur sphenurus</i> (Whistling Kite)			
94.	47965 <i>Hieraaetus morphnoides</i> (Little Eagle)			
95.	25734 <i>Himantopus himantopus</i> (Black-winged Stilt)			
96.	24491 <i>Hirundo neoxena</i> (Welcome Swallow)			
97.	24511 <i>Larus novaehollandiae</i> subsp. <i>novaehollandiae</i> (Silver Gull)			
98.	25661 <i>Lichmera indistincta</i> (Brown Honeyeater)			
99.	24326 <i>Malacorhynchus membranaceus</i> (Pink-eared Duck)			
100.	25650 <i>Malurus elegans</i> (Red-winged Fairy-wren)			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
101.	25651 <i>Malurus lamberti</i> (Variegated Fairy-wren)			
102.	25654 <i>Malurus splendens</i> (Splendid Fairy-wren)			
103.	47997 <i>Melanodryas cucullata</i> (Hooded Robin)			
104.	25663 <i>Melithreptus brevirostris</i> (Brown-headed Honeyeater)			
105.	24587 <i>Melithreptus chloropsis</i> (Western White-naped Honeyeater)			
106.	24598 <i>Merops ornatus</i> (Rainbow Bee-eater)			
107.	<i>Microcarbo melanoleucos</i>			
108.	25693 <i>Microeca fascians</i> (Jacky Winter)			
109.	25610 <i>Myiagra inquieta</i> (Restless Flycatcher)			
110.	25564 <i>Nycticorax caledonicus</i> (Rufous Night Heron)			
111.	24407 <i>Ocyphaps lophotes</i> (Crested Pigeon)			
112.	24328 <i>Oxyura australis</i> (Blue-billed Duck)		P4	
113.	25680 <i>Pachycephala rufiventris</i> (Rufous Whistler)			
114.	24624 <i>Pachycephala rufiventris</i> subsp. <i>rufiventris</i> (Rufous Whistler)			
115.	24692 <i>Pachyptila belcheri</i> (Slender-billed Prion)			
116.	24693 <i>Pachyptila desolata</i> (Antarctic Prion)			
117.	24697 <i>Pachyptila vittata</i> (Broad-billed Prion)			
118.	25681 <i>Pardalotus punctatus</i> (Spotted Pardalote)			
119.	25682 <i>Pardalotus striatus</i> (Striated Pardalote)			
120.	48061 <i>Petrochelidon nigricans</i> (Tree Martin)			
121.	48066 <i>Petroica boodang</i> (Scarlet Robin)			
122.	24659 <i>Petroica goodenovii</i> (Red-capped Robin)			
123.	25697 <i>Phalacrocorax carbo</i> (Great Cormorant)			
124.	24664 <i>Phalacrocorax carbo</i> subsp. <i>novaehollandiae</i> (Great Cormorant)			
125.	25698 <i>Phalacrocorax melanoleucos</i> (Little Pied Cormorant)			
126.	24667 <i>Phalacrocorax sulcirostris</i> (Little Black Cormorant)			
127.	25699 <i>Phalacrocorax varius</i> (Pied Cormorant)			
128.	24409 <i>Phaps chalcoptera</i> (Common Bronzewing)			
129.	25587 <i>Phaps elegans</i> (Brush Bronzewing)			
130.	48071 <i>Phylidonyris niger</i> (White-cheeked Honeyeater)			
131.	24596 <i>Phylidonyris novaehollandiae</i> (New Holland Honeyeater)			
132.	24841 <i>Platalea flavipes</i> (Yellow-billed Spoonbill)			
133.	25720 <i>Platycercus icterotis</i> (Western Rosella)			
134.	24745 <i>Platycercus icterotis</i> subsp. <i>icterotis</i> (Western Rosella)			
135.	24747 <i>Platycercus spurius</i> (Red-capped Parrot)			
136.	25721 <i>Platycercus zonarius</i> (Australian Ringneck, Ring-necked Parrot)			
137.	24750 <i>Platycercus zonarius</i> subsp. <i>semitorquatus</i> (Twenty-eight Parrot)			
138.	25703 <i>Podargus strigoides</i> (Tawny Frogmouth)			
139.	24679 <i>Podargus strigoides</i> subsp. <i>brachypterus</i> (Tawny Frogmouth)			
140.	24681 <i>Polioccephalus poliocephalus</i> (Hoary-headed Grebe)			
141.	25722 <i>Polytelis anthopeplus</i> (Regent Parrot)			
142.	25731 <i>Porphyrio porphyrio</i> (Purple Swamphen)			
143.	24767 <i>Porphyrio porphyrio</i> subsp. <i>bellus</i> (Purple Swamphen)			
144.	24769 <i>Porzana fluminea</i> (Australian Spotted Crane)			
145.	24770 <i>Porzana pusilla</i> subsp. <i>palustris</i> (Baillon's Crane)			
146.	24771 <i>Porzana tabuensis</i> (Spotless Crane)			
147.	<i>Purpureicephalus spurius</i>			
148.	48096 <i>Rhipidura albiscapa</i> (Grey Fantail)			
149.	25614 <i>Rhipidura leucophrys</i> (Willie Wagtail)			
150.	25534 <i>Sericornis frontalis</i> (White-browed Scrubwren)			
151.	30948 <i>Smicromis brevirostris</i> (Weebill)			
152.	24645 <i>Stagonopleura oculata</i> (Red-eared Firetail)			
153.	24522 <i>Sterna bergii</i> (Crested Tern)			
154.	25597 <i>Strepera versicolor</i> (Grey Currawong)			
155.	25589 <i>Streptopelia chinensis</i> (Spotted Turtle-Dove)	Y		
156.	25590 <i>Streptopelia senegalensis</i> (Laughing Turtle-Dove)	Y		
157.	25705 <i>Tachybaptus novaehollandiae</i> (Australasian Grebe, Black-throated Grebe)			
158.	24682 <i>Tachybaptus novaehollandiae</i> subsp. <i>novaehollandiae</i> (Australasian Grebe, Black-throated Grebe)			
159.	24331 <i>Tadorna tadornoides</i> (Australian Shelduck, Mountain Duck)			
160.	24845 <i>Threskiornis spinicollis</i> (Straw-necked Ibis)			
161.	25549 <i>Todiramphus sanctus</i> (Sacred Kingfisher)			
162.	25723 <i>Trichoglossus haematodus</i> (Rainbow Lorikeet)			
163.	48147 <i>Turnix varius</i> (Painted Button-quail)			
164.	24852 <i>Tyto alba</i> subsp. <i>delicatula</i> (Barn Owl)			
165.	24855 <i>Tyto novaehollandiae</i> subsp. <i>novaehollandiae</i> (Masked Owl (southwest))		P3	
166.	25765 <i>Zosterops lateralis</i> (Grey-breasted White-eye, Silvereye)			

Bryopsid (Moss)

167.	32315 <i>Barbula calycina</i>
168.	32461 <i>Campylopus bicolor</i> var. <i>bicolor</i>

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
169.	32336 <i>Campylopus clavatus</i>			
170.	32338 <i>Campylopus introflexus</i>	Y		
171.	32344 <i>Dicranoloma diaphanoneuron</i>			
172.	32346 <i>Didymodon torquatus</i>			
173.	32356 <i>Entosthodon subnudus</i>			
174.	32370 <i>Funaria hygrometrica</i>			
175.	32391 <i>Hedwigia ciliata</i>			
176.	32480 <i>Racopilum cuspidigerum</i> var. <i>convolutaceum</i>			
177.	32422 <i>Rhaphidorrhynchium amoenum</i>			
178.	32481 <i>Rhaphidorrhynchium amoenum</i> var. <i>amoenum</i>			
179.	32426 <i>Rosulabryum campylotheicum</i>			
180.	32429 <i>Rosulabryum torquescens</i>			
181.	32433 <i>Sematophyllum homomallum</i>			
182.	32483 <i>Sematophyllum subhumile</i> var. <i>contiguum</i>			
183.	32486 <i>Thuidium sparsum</i> var. <i>hastatum</i>			
184.	36218 <i>Zygodon menziesii</i>			

Dicotyledon

185.	3207 <i>Acacia alata</i> (Winged Wattle)			
186.	15429 <i>Acacia alata</i> var. <i>alata</i>			
187.	15466 <i>Acacia applanata</i>			
188.	15469 <i>Acacia barbinervis</i> subsp. <i>barbinervis</i>			
189.	3247 <i>Acacia browniana</i>			
190.	3254 <i>Acacia celastrifolia</i> (Glowing Wattle)			
191.	16975 <i>Acacia decurrens</i>	Y		
192.	3294 <i>Acacia dentifera</i>			
193.	3307 <i>Acacia divergens</i>			
194.	11303 <i>Acacia drummondii</i> subsp. <i>candolleana</i>			
195.	11192 <i>Acacia drummondii</i> subsp. <i>elegans</i>			
196.	3331 <i>Acacia extensa</i> (Wiry Wattle)			
197.	3339 <i>Acacia flagelliformis</i>		P4	
198.	3373 <i>Acacia horridula</i>		P3	
199.	3374 <i>Acacia huegelii</i>			
200.	3383 <i>Acacia incurva</i>			
201.	3409 <i>Acacia lasiocarpa</i> (Panjang)			
202.	11519 <i>Acacia lasiocarpa</i> var. <i>bracteolata</i>			
203.	3410 <i>Acacia lateriticola</i>			
204.	17861 <i>Acacia longifolia</i>	Y		
205.	17464 <i>Acacia longifolia</i> subsp. <i>longifolia</i>	Y		
206.	17958 <i>Acacia mearnsii</i>	Y		
207.	3442 <i>Acacia microbotrya</i> (Manna Wattle, Kalyang)			
208.	3454 <i>Acacia nervosa</i> (Rib Wattle)			
209.	14131 <i>Acacia oncinophylla</i> subsp. <i>patulifolia</i>		P4	
210.	3482 <i>Acacia paradoxa</i> (Kangaroo Thorn)	Y		
211.	3496 <i>Acacia preissiana</i>			
212.	3502 <i>Acacia pulchella</i> (Prickly Moses)			
213.	15481 <i>Acacia pulchella</i> var. <i>glaberrima</i>			
214.	15482 <i>Acacia pulchella</i> var. <i>goadbyi</i>			
215.	15483 <i>Acacia pulchella</i> var. <i>pulchella</i>			
216.	3504 <i>Acacia pycnantha</i> (Golden Wattle)	Y		
217.	3527 <i>Acacia saligna</i> (Orange Wattle, Kudjong)			
218.	30033 <i>Acacia saligna</i> subsp. <i>lindleyi</i>			
219.	30032 <i>Acacia saligna</i> subsp. <i>saligna</i>			
220.	3537 <i>Acacia semitrullata</i>		P4	
221.	3541 <i>Acacia sessilis</i>			
222.	3557 <i>Acacia stenoptera</i> (Narrow Winged Wattle)			
223.	3574 <i>Acacia teretifolia</i>			
224.	3591 <i>Acacia urophylla</i>			
225.	15717 <i>Acacia varia</i> var. <i>crassinervis</i>			
226.	15487 <i>Acacia varia</i> var. <i>varia</i>			
227.	3602 <i>Acacia willdenowiana</i> (Grass Wattle)			
228.	3184 <i>Acaena echinata</i> (Sheep's Burr)			
229.	6203 <i>Actinotus glomeratus</i>			
230.	6205 <i>Actinotus leucocephalus</i> (Flannel Flower)			
231.	44007 <i>Actinotus repens</i>		P3	
232.	14970 <i>Adenanthos barbiger</i>			
233.	1790 <i>Adenanthos meisneri</i>			
234.	1791 <i>Adenanthos obovatus</i> (Basket Flower)			
235.	5316 <i>Agonis flexuosa</i> (Peppermint, Wonil)			
236.	17202 <i>Agonis flexuosa</i> var. <i>flexuosa</i>			
237.	17028 <i>Ailanthus altissima</i> (Tree of Heaven)			

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		Y		
238.	1728 <i>Allocasuarina fraseriana</i> (Sheoak, Kondii)			
239.	1731 <i>Allocasuarina huegeliana</i> (Rock Sheoak, Kwool)			
240.	2648 <i>Alternanthera denticulata</i> (Lesser Joyweed)			
241.	2652 <i>Alternanthera nodiflora</i> (Common Joyweed)			
242.	4905 <i>Alyogyne hakeifolia</i>			
243.	2671 <i>Amaranthus viridis</i> (Green Amaranth)	Y		
244.	4585 <i>Amperea ericoides</i>			
245.	13101 <i>Amperea simulans</i>			
246.	4588 <i>Amperea volubilis</i>			
247.	6300 <i>Andersonia aristata</i> (Rice Flower)			
248.	6306 <i>Andersonia caerulea</i> (Foxtails)			
249.	25844 <i>Andersonia caerulea</i> subsp. <i>caerulea</i>			
250.	6312 <i>Andersonia involucrata</i>			
251.	6313 <i>Andersonia latiflora</i>			
252.	6314 <i>Andersonia lehmanniana</i>			
253.	6321 <i>Andersonia sprengeloides</i>			
254.	7829 <i>Angianthus drummondii</i>		P3	
255.	3688 <i>Aotus gracillima</i>			
256.	3692 <i>Aotus procumbens</i>			
257.	6210 <i>Apium annuum</i>			
258.	7838 <i>Arctotheca calendula</i> (Cape Weed, African Marigold)	Y		
259.	7841 <i>Argyranthemum frutescens</i> (Marguerite)	Y		
260.	20350 <i>Astartea affinis</i> (West-coast Astartea)			
261.	20249 <i>Astartea leptophylla</i> (River-bank Astartea)			
262.	20283 <i>Astartea scoparia</i> (Common Astartea)			
263.	7851 <i>Asteridea pulverulenta</i> (Common Bristle Daisy)			
264.	4400 <i>Asterolasia pallida</i>			
265.	6323 <i>Astroloma ciliatum</i> (Candle Cranberry)			
266.	6325 <i>Astroloma drummondii</i>			
267.	6334 <i>Astroloma pallidum</i> (Kick Bush)			
268.	36441 <i>Babingtonia camphorosmae</i> (Camphor Myrtle)			
269.	32681 <i>Banksia armata</i> (Prickly Dryandra)			
270.	1800 <i>Banksia attenuata</i> (Slender Banksia, Piara)			
271.	32678 <i>Banksia bipinnatifida</i> subsp. <i>bipinnatifida</i>			
272.	32576 <i>Banksia dallanneyi</i> (Couch Honeypot)			
273.	32580 <i>Banksia dallanneyi</i> subsp. <i>dallanneyi</i> var. <i>dallanneyi</i>			
274.	32577 <i>Banksia dallanneyi</i> subsp. <i>dallanneyi</i> var. <i>melliculata</i>			
275.	32616 <i>Banksia dallanneyi</i> subsp. <i>sylvestris</i>			
276.	1819 <i>Banksia grandis</i> (Bull Banksia, Pulgarla)			
277.	1822 <i>Banksia ilicifolia</i> (Holly-leaved Banksia)			
278.	46519 <i>Banksia integrifolia</i> subsp. <i>integrifolia</i>	Y		Y
279.	1830 <i>Banksia littoralis</i> (Swamp Banksia, Pungura)			
280.	1848 <i>Banksia seminuda</i> (River Banksia)			
281.	48868 <i>Bellardia viscosa</i>	Y		
282.	3157 <i>Billardiera floribunda</i> (White-flowered Billardiera)			
283.	25788 <i>Billardiera fraseri</i> (Elegant Pronaya)			
284.	25798 <i>Billardiera fusiformis</i> (Australian Bluebell)			
285.	3159 <i>Billardiera laxiflora</i>			
286.	3165 <i>Billardiera variifolia</i>			
287.	25779 <i>Billardiera venusta</i>			
288.	11612 <i>Boronia capitata</i> subsp. <i>gracilis</i>		P3	
289.	4413 <i>Boronia crenulata</i> (Aniseed Boronia)			
290.	11503 <i>Boronia crenulata</i> subsp. <i>crenulata</i> var. <i>crenulata</i>			
291.	16636 <i>Boronia crenulata</i> subsp. <i>viminea</i>			
292.	4417 <i>Boronia dichotoma</i>			
293.	4420 <i>Boronia fastigiata</i> (Bushy Boronia)			
294.	4429 <i>Boronia molloyae</i> (Tall Boronia)			
295.	4441 <i>Boronia spathulata</i> (Boronia)			
296.	4444 <i>Boronia tenuis</i> (Blue Boronia)		P4	
297.	48782 <i>Bossiaea angustifolia</i>			
298.	14396 <i>Bossiaea aquifolium</i> subsp. <i>aquifolium</i>			
299.	14397 <i>Bossiaea aquifolium</i> subsp. <i>laidlawiana</i>			
300.	3710 <i>Bossiaea eriocarpa</i> (Common Brown Pea)			
301.	3713 <i>Bossiaea linophylla</i>			
302.	3714 <i>Bossiaea ornata</i> (Broad Leaved Brown Pea)			
303.	3719 <i>Bossiaea spinescens</i>			
304.	6341 <i>Brachyloma preissii</i> (Globe Heath)			
305.	7878 <i>Brachyscome iberidifolia</i>			
306.	3002 <i>Cakile maritima</i> (Sea Rocket)	Y		

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
307.	10861 <i>Callistachys lanceolata</i> (Wonnich)			
308.	48988 <i>Callistemon citrinus</i>	Y		
309.	4717 <i>Callitriche stagnalis</i> (Common Starwort)	Y		
310.	5415 <i>Calothamnus lateralis</i>			
311.	35816 <i>Calothamnus quadrifidus</i> subsp. <i>quadrifidus</i>			
312.	5429 <i>Calothamnus sanguineus</i> (Silky-leaved Blood flower, Pindak)			
313.	5450 <i>Calytrix depressa</i>			
314.	5460 <i>Calytrix fraseri</i> (Pink Summer Calytrix)			
315.	5461 <i>Calytrix glutinosa</i>			
316.	5465 <i>Calytrix leschenaultii</i>			
317.	5485 <i>Calytrix variabilis</i>			
318.	19713 <i>Campsis radicans</i>	Y		
319.	44535 <i>Campsis x tagliabuana</i>	Y		
320.	7909 <i>Carduus pycnocephalus</i> (Slender Thistle)	Y		
321.	7910 <i>Carduus tenuiflorus</i> (Slender Thistle, Winged Slender Thistle, Sheep Thistle)	Y		
322.	7911 <i>Carthamus lanatus</i> (Saffron Thistle)	Y		
323.	2952 <i>Cassytha glabella</i> (Tangled Dodder Laurel)			
324.	11501 <i>Cassytha glabella</i> forma <i>casuarinae</i>			
325.	2954 <i>Cassytha micrantha</i>			
326.	2956 <i>Cassytha pomiformis</i> (Dodder Laurel)			
327.	2957 <i>Cassytha racemosa</i> (Dodder Laurel)			
328.	11799 <i>Cassytha racemosa</i> forma <i>racemosa</i>			
329.	28247 <i>Casuarina equisetifolia</i> subsp. <i>equisetifolia</i>	Y		
330.	6539 <i>Centaurium erythraea</i> (Common Centaury)	Y		
331.	6542 <i>Centaurium tenuiflorum</i>	Y		
332.	6214 <i>Centella asiatica</i>			
333.	7918 <i>Centipeda cunninghamii</i> (Common Sneezewood, Gukwonderuk, Old Man Weed)			
334.	7366 <i>Centranthus macrosiphon</i>	Y		
335.	18156 <i>Chamaecytisus palmensis</i> (Tagasaste)	Y		
336.	3169 <i>Cheiranthra preissiana</i>			
337.	2483 <i>Chenopodium album</i> (Fat Hen)	Y		
338.	2335 <i>Choretrum lateriflorum</i> (Dwarf Sour Bush)			
339.	3751 <i>Chorizema aciculare</i> (Needle-leaved Chorizema)			
340.	8971 <i>Chorizema cordatum</i>			
341.	13107 <i>Chorizema retrorsum</i>			
342.	3761 <i>Chorizema rhombeum</i>			
343.	3766 <i>Cicer arietinum</i> (Chickpea)	Y		
344.	7937 <i>Cirsium vulgare</i> (Spear Thistle, Scotch Thistle)	Y		
345.	48838 <i>Citrullus amarus</i>	Y		
346.	2929 <i>Clematis pubescens</i> (Common Clematis)			
347.	44593 <i>Coleonema pulchellum</i>	Y		
348.	4550 <i>Comesperma calymega</i> (Blue-spike Milkwort)			
349.	4551 <i>Comesperma ciliatum</i>			
350.	4552 <i>Comesperma confertum</i>			
351.	4554 <i>Comesperma flavum</i>			
352.	4559 <i>Comesperma polygaloides</i> (Small Milkwort)			
353.	4564 <i>Comesperma virgatum</i> (Milkwort)			
354.	16857 <i>Conospermum amoenum</i> subsp. <i>amoenum</i>			
355.	16853 <i>Conospermum capitatum</i> subsp. <i>glabratum</i>			
356.	1872 <i>Conospermum flexuosum</i> (Tangled Smokebush)			
357.	16850 <i>Conospermum flexuosum</i> subsp. <i>laevigatum</i>			
358.	1876 <i>Conospermum incurvum</i> (Plume Smokebush)			
359.	1882 <i>Conospermum stoechadis</i> (Common Smokebush)			
360.	15611 <i>Conospermum stoechadis</i> subsp. <i>stoechadis</i> (Common Smokebush)			
361.	6348 <i>Conostephium pendulum</i> (Pearl Flower)			
362.	6349 <i>Conostephium preissii</i>			
363.	19881 <i>Convolvulus angustissimus</i> subsp. <i>angustissimus</i>			
364.	7941 <i>Conyza parva</i>	Y		
365.	2891 <i>Corrigiola litoralis</i> (Strapwort)	Y		
366.	17104 <i>Corymbia calophylla</i> (Marri)			
367.	17105 <i>Corymbia haematoxylon</i> (Mountain Marri)			
368.	7943 <i>Cotula australis</i> (Common Cotula)			
369.	7945 <i>Cotula coronopifolia</i> (Waterbuttons)	Y		
370.	7946 <i>Cotula cotuloides</i> (Smooth Cotula)			
371.	13354 <i>Craspedia variabilis</i>			
372.	11221 <i>Crassula alata</i> var. <i>alata</i>	Y		
373.	17701 <i>Crassula closiana</i>			
374.	3137 <i>Crassula colorata</i> (Dense Stonecrop)			
375.	11563 <i>Crassula colorata</i> var. <i>colorata</i>			
376.	3139 <i>Crassula exserta</i>			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
377.	15706 <i>Crassula natans</i> var. <i>minus</i>	Y		
378.	35838 <i>Cristonia biloba</i> subsp. <i>biloba</i>			
379.	13470 <i>Cryptandra arbutiflora</i> var. <i>arbutiflora</i>			
380.	6663 <i>Cuscuta epithymum</i> (Lesser Dodder, Greater Dodder)	Y		
381.	7420 <i>Dampiera alata</i> (Winged-stem Dampiera)			
382.	7444 <i>Dampiera hederacea</i> (Karri Dampiera)			
383.	7454 <i>Dampiera linearis</i> (Common Dampiera)			
384.	7484 <i>Dampiera trigona</i> (Angled-stem Dampiera)			
385.	5508 <i>Darwinia citriodora</i> (Lemon-scented Darwinia)			
386.	6218 <i>Daucus glochidiatus</i> (Australian Carrot)			
387.	15656 <i>Daviesia brachyphylla</i>			
388.	3799 <i>Daviesia cordata</i> (Bookleaf)			
389.	3800 <i>Daviesia costata</i>			
390.	19747 <i>Daviesia decurrens</i> subsp. <i>decurrens</i>			
391.	3807 <i>Daviesia divaricata</i> (Marno)			
392.	18560 <i>Daviesia divaricata</i> subsp. <i>divaricata</i>			
393.	15505 <i>Daviesia incrassata</i> subsp. <i>incrassata</i>			
394.	3817 <i>Daviesia inflata</i>			
395.	3819 <i>Daviesia longifolia</i>			
396.	3832 <i>Daviesia physodes</i>			
397.	3835 <i>Daviesia preissii</i>			
398.	3839 <i>Daviesia rhombifolia</i>			
399.	3863 <i>Dillwynia dillwynioides</i>		P3	
400.	9027 <i>Diplolaena drummondii</i>			
401.	3867 <i>Dipogon lignosus</i> (Dolichos Pea)	Y		
402.	7054 <i>Dischisma arenarium</i>	Y		
403.	7961 <i>Dittrichia graveolens</i> (Stinkwort)	Y		
404.	7962 <i>Dittrichia viscosa</i>	Y		
405.	4757 <i>Dodonaea ceratocarpa</i>			
406.	3090 <i>Drosera barbiger</i>			
407.	13219 <i>Drosera bulbosa</i> subsp. <i>bulbosa</i>			
408.	48724 <i>Drosera collina</i>			
409.	48751 <i>Drosera drummondii</i>			
410.	3095 <i>Drosera erythrorhiza</i> (Red Ink Sundew)			
411.	48747 <i>Drosera geniculata</i>			
412.	3097 <i>Drosera gigantea</i> (Giant Sundew)			
413.	3098 <i>Drosera glanduligera</i> (Pimpernel Sundew)			
414.	48769 <i>Drosera indumenta</i>			
415.	19256 <i>Drosera intricata</i>			
416.	3106 <i>Drosera macrantha</i> (Bridal Rainbow)			
417.	3108 <i>Drosera marchantii</i>			
418.	3109 <i>Drosera menziesii</i> (Pink Rainbow)			
419.	3114 <i>Drosera nitidula</i> (Shining Sundew)			
420.	3118 <i>Drosera pallida</i> (Pale Rainbow)			
421.	3124 <i>Drosera pulchella</i> (Pretty Sundew)			
422.	8911 <i>Drosera rosulata</i>			
423.	49090 <i>Drosera</i> sp. <i>Branched styles</i> (S.C. Coffey 193)			
424.	8913 <i>Drosera squamosa</i>			
425.	3131 <i>Drosera stolonifera</i> (Leafy Sundew)			
426.	<i>Duranta erecta</i>			Y
427.	33517 <i>Dysphania multifida</i> (Scented Goosefoot)	Y		
428.	6133 <i>Epilobium hirtigerum</i> (Hairy Willow Herb)			
429.	4332 <i>Erodium botrys</i> (Long Storksbill)	Y		
430.	4336 <i>Erodium moschatum</i> (Musky Crowfoot)	Y		
431.	6219 <i>Eryngium pinnatifidum</i> (Blue Devils)			
432.	18299 <i>Erythrina x sykesii</i>	Y		
433.	17359 <i>Eucalyptus botryoides</i>	Y		
434.	5615 <i>Eucalyptus decipiens</i> (Limestone Marlock, Moit)			
435.	5628 <i>Eucalyptus drummondii</i> (Drummond's Gum)			
436.	5659 <i>Eucalyptus gomphocephala</i> (Tuart, Duart)			
437.	5688 <i>Eucalyptus laeliae</i> (Darling Range Ghost Gum)			
438.	5690 <i>Eucalyptus lane-poolei</i> (Salmon White Gum)			
439.	5708 <i>Eucalyptus marginata</i> (Jarrah, Djara)			
440.	13547 <i>Eucalyptus marginata</i> subsp. <i>marginata</i> (Jarrah)			
441.	13548 <i>Eucalyptus marginata</i> subsp. <i>thalassica</i> (Blue-leaved Jarrah)			
442.	5709 <i>Eucalyptus megacarpa</i> (Bullich, Pulidj)			
443.	18602 <i>Eucalyptus microcorys</i>	Y		
444.	5739 <i>Eucalyptus patens</i> (Swan River Blackbutt, Dwuda)			
445.	5763 <i>Eucalyptus rudis</i> (Flooded Gum, Kulurda)			
446.	48210 <i>Eucalyptus saligna</i>	Y		

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447.	48962 <i>Eucalyptus x graniticola</i>		P4	
448.	3872 <i>Euchilopsis linearis</i> (Swamp Pea)			
449.	19088 <i>Euchiton collinus</i>			
450.	15137 <i>Euchiton sphaericus</i>			
451.	34160 <i>Euphorbia lathyris</i> (Caper Spurge)	Y		
452.	4648 <i>Euphorbia terracina</i> (Geraldton Carnation Weed)	Y		
453.	7059 <i>Euphrasia scabra</i> (Yellow Eye-bright)		P2	
454.	32756 <i>Eutaxia exilis</i>			
455.	3880 <i>Eutaxia virgata</i>			
456.	1747 <i>Ficus carica</i> (Common Fig)	Y		
457.	6221 <i>Foeniculum vulgare</i> (Fennel)	Y		
458.	31532 <i>Fumaria muralis</i> subsp. <i>muralis</i>	Y		
459.	7976 <i>Galinsoga parviflora</i> (Potato Weed)	Y		
460.	7323 <i>Galium murale</i> (Small Goosegrass)	Y		
461.	3891 <i>Gastrolobium bilobum</i> (Heart Leaf Poison)			
462.	20513 <i>Gastrolobium dilatatum</i>			
463.	20473 <i>Gastrolobium ebracteolatum</i>			
464.	14202 <i>Gastrolobium glabratum</i>			
465.	3924 <i>Gastrolobium spinosum</i> (Prickly Poison)			
466.	3936 <i>Genista linifolia</i> (Flaxleaf Broom)	Y		
467.	4339 <i>Geranium molle</i> (Dove's Foot Cranesbill)	Y		
468.	4341 <i>Geranium solanderi</i> (Native Geranium)			
469.	3663 <i>Gleditsia triacanthos</i> (Honey Locust)	Y		
470.	6143 <i>Glischrocaryon aureum</i> (Common Popflower)			
471.	7061 <i>Glossostigma drummondii</i> (Mudmat)			
472.	6587 <i>Gomphocarpus fruticosus</i> (Narrowleaf Cottonbush)	Y		
473.	3948 <i>Gompholobium capitatum</i>			
474.	10909 <i>Gompholobium confertum</i>			
475.	3950 <i>Gompholobium knightianum</i>			
476.	3951 <i>Gompholobium marginatum</i>			
477.	3954 <i>Gompholobium polymorphum</i>			
478.	3955 <i>Gompholobium preissii</i>			
479.	3956 <i>Gompholobium shuttleworthii</i>			
480.	3957 <i>Gompholobium tomentosum</i> (Hairy Yellow Pea)			
481.	6146 <i>Gonocarpus benthamii</i>			
482.	16746 <i>Gonocarpus benthamii</i> subsp. <i>benthamii</i>			
483.	6150 <i>Gonocarpus diffusus</i>			
484.	29362 <i>Goodenia coerulea</i>			
485.	12520 <i>Goodenia fasciculata</i>			
486.	7517 <i>Goodenia incana</i> (Hoary Goodenia)			
487.	14282 <i>Gratiola pubescens</i>			
488.	1964 <i>Grevillea bipinnatifida</i> (Fuchsia Grevillea)			
489.	19628 <i>Grevillea bipinnatifida</i> subsp. <i>bipinnatifida</i>			
490.	19630 <i>Grevillea bipinnatifida</i> subsp. <i>pagna</i>		P1	
491.	13429 <i>Grevillea diversifolia</i> subsp. <i>diversifolia</i>			
492.	2066 <i>Grevillea pilulifera</i> (Woolly-flowered Grevillea)			
493.	15839 <i>Grevillea preissii</i> subsp. <i>preissii</i>			
494.	14417 <i>Grevillea prominens</i>		P3	
495.	2080 <i>Grevillea quercifolia</i> (Oak-leaf Grevillea)			
496.	2101 <i>Grevillea synapheae</i> (Catkin Grevillea)			
497.	2122 <i>Grevillea wilsonii</i> (Native Fuchsia)			
498.	48613 <i>Gypsophila vaccaria</i>	Y		
499.	2128 <i>Hakea amplexicaulis</i> (Prickly Hakea)			
500.	2136 <i>Hakea candolleana</i>			
501.	2137 <i>Hakea ceratophylla</i> (Horned Leaf Hakea)			
502.	2152 <i>Hakea cyclocarpa</i> (Ramshorn)			
503.	12227 <i>Hakea drupacea</i>			
504.	2170 <i>Hakea lasianthoides</i>			
505.	2171 <i>Hakea laurina</i> (Pincushion Hakea, Kodjet)			
506.	2175 <i>Hakea lissocarpha</i> (Honey Bush)			
507.	2179 <i>Hakea marginata</i>			
508.	2203 <i>Hakea ruscifolia</i> (Candle Hakea)			
509.	2212 <i>Hakea sulcata</i> (Furrowed Hakea)			
510.	2214 <i>Hakea trifurcata</i> (Two-leaf Hakea)			
511.	2216 <i>Hakea varia</i> (Variable-leaved Hakea)			
512.	3961 <i>Hardenbergia comptoniana</i> (Native Wisteria)			
513.	3016 <i>Heliophila pusilla</i>	Y		
514.	6839 <i>Hemiandra pungens</i> (Snakebush)			
515.	6856 <i>Hemigenia incana</i> (Silky Hemigenia)			
516.	6859 <i>Hemigenia microphylla</i>			

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Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
517.	6866 <i>Hemigenia pritzelii</i>			
518.	5108 <i>Hibbertia acerosa</i> (Needle Leaved Guinea Flower)			
519.	5109 <i>Hibbertia amplexicaulis</i>			
520.	5114 <i>Hibbertia commutata</i>			
521.	5118 <i>Hibbertia cunninghamii</i>			
522.	20051 <i>Hibbertia diamesogenos</i>			
523.	5129 <i>Hibbertia glomerata</i>			
524.	5134 <i>Hibbertia huegelii</i>			
525.	5135 <i>Hibbertia hypericoides</i> (Yellow Buttercups)			
526.	45534 <i>Hibbertia hypericoides</i> subsp. <i>hypericoides</i>			
527.	5148 <i>Hibbertia mylnei</i>			
528.	5154 <i>Hibbertia perfoliata</i>			
529.	5155 <i>Hibbertia pilosa</i> (Hairy Guinea Flower)			
530.	5161 <i>Hibbertia quadricolor</i>			
531.	5162 <i>Hibbertia racemosa</i> (Stalked Guinea Flower)			
532.	5169 <i>Hibbertia serrata</i> (Serrate Leaved Guinea Flower)			
533.	5170 <i>Hibbertia silvestris</i>			
534.	5172 <i>Hibbertia stellaris</i> (Orange Stars)			
535.	48381 <i>Hibbertia striata</i>			
536.	5173 <i>Hibbertia subvaginata</i>			
537.	5176 <i>Hibbertia vaginata</i>			
538.	6222 <i>Homalosciadium homalocarpum</i>			
539.	5816 <i>Homalospermum firmum</i>			
540.	3964 <i>Hovea chorizemifolia</i> (Holly-leaved Hovea)			
541.	3968 <i>Hovea trisperma</i> (Common Hovea)			
542.	12907 <i>Hovea trisperma</i> var. <i>grandiflora</i>			
543.	12859 <i>Hovea trisperma</i> var. <i>trisperma</i>			
544.	12741 <i>Hyalosperma cotula</i>			
545.	5218 <i>Hybanthus debilissimus</i>			
546.	5221 <i>Hybanthus floribundus</i>			
547.	12007 <i>Hybanthus floribundus</i> subsp. <i>floribundus</i>			
548.	6223 <i>Hydrocotyle alata</i>			
549.	6226 <i>Hydrocotyle callicarpa</i> (Small Pennywort)			
550.	6232 <i>Hydrocotyle hispidula</i>			
551.	11847 <i>Hydrocotyle pilifera</i> var. <i>pilifera</i>			
552.	6240 <i>Hydrocotyle scutellifera</i>			
553.	5181 <i>Hypericum japonicum</i> (Matted St John's Wort)			
554.	5182 <i>Hypericum perforatum</i> (St John's Wort)	Y		
555.	5817 <i>Hypocalymma angustifolium</i> (White Myrtle, Kudjid)			
556.	5818 <i>Hypocalymma cordifolium</i>			
557.	5819 <i>Hypocalymma ericifolium</i>			
558.	5825 <i>Hypocalymma robustum</i> (Swan River Myrtle)			
559.	8086 <i>Hypochoeris glabra</i> (Smooth Catsear)	Y		
560.	6630 <i>Ipomoea indica</i> (Morning Glory)	Y		
561.	2221 <i>Isopogon asper</i>			
562.	8844 <i>Isopogon crithmifolius</i>			
563.	2237 <i>Isopogon sphaerocephalus</i> (Drumstick Isopogon)			
564.	7396 <i>Isotoma hypocrateriformis</i> (Woodbridge Poison)			
565.	7398 <i>Isotoma pusilla</i> (Small Isotome)			
566.	3992 <i>Isotropis cuneifolia</i> (Granny Bonnets)			
567.	19700 <i>Isotropis cuneifolia</i> subsp. <i>cuneifolia</i>			
568.	8092 <i>Ixiolaena viscosa</i> (Sticky Ixiolaena)			
569.	3997 <i>Jacksonia alata</i>			
570.	4012 <i>Jacksonia furcellata</i> (Grey Stinkwood)			
571.	4017 <i>Jacksonia horrida</i>			
572.	4018 <i>Jacksonia lehmannii</i>			
573.	4029 <i>Jacksonia sternbergiana</i> (Stinkwood, Kapur)			
574.	4036 <i>Kennedia carinata</i>			
575.	4037 <i>Kennedia coccinea</i> (Coral Vine)			
576.	4044 <i>Kennedia prostrata</i> (Scarlet Runner)			
577.	4045 <i>Kennedia stirlingii</i> (Bushy Kennedia)			
578.	12008 <i>Kickxia elatine</i> subsp. <i>crinita</i>	Y		
579.	5831 <i>Kunzea baxteri</i> (Baxter's Kunzea)			
580.	5832 <i>Kunzea ericifolia</i> (Spearwood, Pondil)			
581.	15498 <i>Kunzea glabrescens</i> (Spearwood)			
582.	5841 <i>Kunzea recurva</i>			
583.	14776 <i>Kunzea rostrata</i>			
584.	3669 <i>Labichea punctata</i> (Lance-leaved Cassia)			
585.	6777 <i>Lachnostachys albicans</i>			
586.	8095 <i>Lactuca saligna</i> (Wild Lettuce, Willow-leaf Lettuce)	Y		

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
587.	29046 <i>Lactuca serriola</i> forma <i>serriola</i>	Y		
588.	18585 <i>Lagenophora huegelii</i>			
589.	6733 <i>Lantana camara</i> (Common Lantana)	Y		
590.	5033 <i>Lasiopetalum floribundum</i> (Free Flowering Lasiopetalum)			
591.	17040 <i>Lathyrus latifolius</i> (Perennial Pea)	Y		
592.	4047 <i>Lathyrus tingitanus</i> (Tangier Pea)	Y		
593.	38323 <i>Lavandula stoechas</i> subsp. <i>stoechas</i>	Y		
594.	7568 <i>Lechenaultia biloba</i> (Blue Leschenaultia)			
595.	7572 <i>Lechenaultia expansa</i>			
596.	2342 <i>Leptomeria cunninghamii</i>			
597.	2350 <i>Leptomeria pauciflora</i> (Sparse-flowered Currant Bush)			
598.	6360 <i>Leucopogon australis</i> (Spiked Beard-heath)			
599.	6367 <i>Leucopogon capitellatus</i>			
600.	6374 <i>Leucopogon conostephioides</i>			
601.	6396 <i>Leucopogon glabellus</i>			
602.	6400 <i>Leucopogon gracillimus</i>			
603.	6402 <i>Leucopogon hirsutus</i>			
604.	6425 <i>Leucopogon oxycedrus</i>			
605.	6427 <i>Leucopogon parviflorus</i> (Coast Beard-heath)			
606.	6434 <i>Leucopogon polymorphus</i>			
607.	6436 <i>Leucopogon propinquus</i>			
608.	6440 <i>Leucopogon racemosus</i>			
609.	19662 <i>Leucopogon</i> sp. Margaret River (J. Scott 207)			
610.	6444 <i>Leucopogon sprengelioides</i>			
611.	6454 <i>Leucopogon verticillatus</i> (Tassel Flower)			
612.	7676 <i>Levenhookia pusilla</i> (Midget Stylewort)			
613.	4363 <i>Linum trigynum</i> (French Flax)	Y		
614.	36178 <i>Liparophyllum lasiospermum</i>			
615.	36180 <i>Liparophyllum latifolium</i>			
616.	36179 <i>Liparophyllum violifolium</i>			
617.	9289 <i>Lobelia anceps</i> (Angled Lobelia)			
618.	7406 <i>Lobelia rhombifolia</i> (Tufted Lobelia)			
619.	7365 <i>Lonicera japonica</i> (Japanese Honeysuckle)	Y		
620.	4059 <i>Lotus angustissimus</i> (Narrowleaf Trefoil)	Y		
621.	8564 <i>Lotus subbiflorus</i>	Y		
622.	4066 <i>Lupinus cosentinii</i>	Y		
623.	4067 <i>Lupinus luteus</i> (Yellow Lupin)	Y		
624.	36375 <i>Lysimachia arvensis</i> (Pimpernel)	Y		
625.	34736 <i>Lysinema pentapetalum</i>			
626.	2838 <i>Macarthuria apetala</i>			
627.	2839 <i>Macarthuria australis</i>			
628.	17637 <i>Marianthus candidus</i> (White Marianthus)			
629.	17635 <i>Marianthus drummondianus</i>			
630.	17630 <i>Marianthus tenuis</i>			
631.	4076 <i>Medicago lupulina</i> (Black Medic)	Y		
632.	4079 <i>Medicago polymorpha</i> (Burr Medic)	Y		
633.	33638 <i>Meionectes tenuifolia</i>		P3	
634.	37580 <i>Melaleuca acutifolia</i>			
635.	5902 <i>Melaleuca densa</i>			
636.	13271 <i>Melaleuca huegelii</i> subsp. <i>huegelii</i>			
637.	13273 <i>Melaleuca incana</i> subsp. <i>incana</i>			
638.	5926 <i>Melaleuca lateritia</i> (Robin Redbreast Bush)			
639.	5938 <i>Melaleuca microphylla</i>			
640.	20297 <i>Melaleuca osullivanii</i>			
641.	18394 <i>Melaleuca parviceps</i>			
642.	5946 <i>Melaleuca pauciflora</i>			
643.	5952 <i>Melaleuca preissiana</i> (Moonah)			
644.	5959 <i>Melaleuca raphiophylla</i> (Swamp Paperbark)			
645.	5978 <i>Melaleuca teretifolia</i> (Banbar)			
646.	5980 <i>Melaleuca thymoides</i>			
647.	5983 <i>Melaleuca trichophylla</i>			
648.	37683 <i>Melaleuca viminalis</i>		P2	
649.	5987 <i>Melaleuca viminea</i> (Mohan)			
650.	13280 <i>Melaleuca viminea</i> subsp. <i>viminea</i>			
651.	4516 <i>Melia azedarach</i> (White Cedar)			
652.	4785 <i>Melianthus major</i>	Y		
653.	6883 <i>Mentha pulegium</i> (Pennyroyal)	Y		
654.	6884 <i>Mentha spicata</i> (Spearmint)	Y		
655.	8106 <i>Millotia tenuifolia</i> (Soft Millotia)			
656.	14337 <i>Millotia tenuifolia</i> var. <i>laevis</i>			

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657.	14344 <i>Millotia tenuifolia</i> var. <i>tenuifolia</i> (Soft Millotia)			
658.	4090 <i>Mirbelia dilatata</i> (Holly-leaved Mirbelia)			
659.	37440 <i>Monopsis debilis</i> var. <i>depressa</i>	Y		
660.	4666 <i>Monotaxis occidentalis</i>			
661.	2415 <i>Muehlenbeckia polybotrya</i>			
662.	6189 <i>Myriophyllum crispatum</i>			
663.	6193 <i>Myriophyllum echinatum</i>		P3	
664.	2401 <i>Nuytsia floribunda</i> (Christmas Tree, Mudja)			
665.	6139 <i>Oenothera glazioviana</i> (Evening Primrose)	Y		
666.	14292 <i>Oenothera stricta</i> subsp. <i>stricta</i>	Y		
667.	2365 <i>Olex benthamiana</i>			
668.	11937 <i>Olea europaea</i> subsp. <i>europaea</i>	Y		
669.	8133 <i>Olearia elaeophila</i>			
670.	8143 <i>Olearia paucidentata</i> (Autumn Scrub Daisy)			
671.	8149 <i>Olearia rudis</i> (Rough Daisybush)			
672.	8150 <i>Olearia strigosa</i> (Bristly Daisy Bush)			
673.	18254 <i>Opercularia apiciflora</i>			
674.	7346 <i>Opercularia echinocephala</i> (Bristly Headed Stink Weed)			
675.	7348 <i>Opercularia hispidula</i> (Hispid Stinkweed)			
676.	18255 <i>Opercularia vaginata</i> (Dog Weed)			
677.	46316 <i>Orianthera serpyllifolia</i> subsp. <i>angustifolia</i>			
678.	36177 <i>Ornduffia albiflora</i>			
679.	36181 <i>Ornduffia parnassifolia</i>			
680.	4113 <i>Ornithopus compressus</i> (Yellow Serradella)	Y		
681.	4114 <i>Ornithopus pinnatus</i> (Slender Serradella)	Y		
682.	7122 <i>Orobanche minor</i> (Lesser Broomrape)	Y		
683.	17756 <i>Osteospermum ecklonis</i>	Y		
684.	30375 <i>Oxalis exilis</i>			
685.	4352 <i>Oxalis glabra</i>	Y		
686.	4356 <i>Oxalis pes-caprae</i> (Soursob)	Y		
687.	4358 <i>Oxalis purpurea</i> (Largeflower Wood Sorrel)	Y		
688.	7117 <i>Pandorea pandorana</i>			
689.	2966 <i>Papaver somniferum</i> (Opium Poppy)	Y		
690.	20101 <i>Paragonis grandiflora</i>			
691.	3618 <i>Paraserianthes lophantha</i> (Albizia)			
692.	17114 <i>Paraserianthes lophantha</i> subsp. <i>lophantha</i>			
693.	7089 <i>Parentucellia latifolia</i> (Common Bartsia)	Y		
694.	6245 <i>Pentapeltis peltigera</i>			
695.	6246 <i>Pentapeltis silvatica</i> (Southern Pentapeltis)			
696.	6006 <i>Pericalymma ellipticum</i> (Swamp Teatree)			
697.	16477 <i>Pericalymma ellipticum</i> var. <i>ellipticum</i>			
698.	16478 <i>Pericalymma ellipticum</i> var. <i>floridum</i>			
699.	15501 <i>Pericalymma spongiocaule</i>			
700.	13911 <i>Persicaria decipiens</i>			
701.	11020 <i>Persicaria hydropiper</i>			
702.	11052 <i>Persicaria prostrata</i>			
703.	2262 <i>Persoonia elliptica</i> (Spreading Snottygobble)			
704.	2267 <i>Persoonia longifolia</i> (Snottygobble)			
705.	2273 <i>Persoonia saccata</i> (Snottygobble)			
706.	20391 <i>Petrophile juncifolia</i>			
707.	2299 <i>Petrophile linearis</i> (Pixie Mops)			
708.	20053 <i>Petrophile squamata</i> subsp. <i>northern</i> (J. Monks 40)			
709.	17765 <i>Petrophile squamata</i> subsp. <i>squamata</i>			
710.	2312 <i>Petrophile striata</i>			
711.	18529 <i>Philothea spicata</i> (Pepper and Salt)			
712.	4675 <i>Phyllanthus calycinus</i> (False Boronia)			
713.	6983 <i>Physalis peruviana</i> (Cape Gooseberry)	Y		
714.	2793 <i>Phytolacca octandra</i> (Red Ink Plant)	Y		
715.	2408 <i>Pilostyles hamiltonii</i>			
716.	11928 <i>Pimelea ciliata</i> subsp. <i>ciliata</i>			
717.	11402 <i>Pimelea imbricata</i> var. <i>piliger</i>			
718.	5252 <i>Pimelea lanata</i>			
719.	5253 <i>Pimelea lehmanniana</i>			
720.	5259 <i>Pimelea preissii</i>			
721.	5266 <i>Pimelea suaveolens</i> (Scented Banjine)			
722.	12041 <i>Pimelea suaveolens</i> subsp. <i>suaveolens</i>			
723.	5269 <i>Pimelea sylvestris</i>			
724.	8165 <i>Pithocarpa pulchella</i> (Beautiful Pithocarpa)			
725.	7303 <i>Plantago lanceolata</i> (Ribwort Plantain)	Y		
726.	6249 <i>Platysace compressa</i> (Tapeworm Plant)			

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727.	6253 <i>Platysace filiformis</i>			
728.	4524 <i>Platytheca galioides</i>			
729.	17016 <i>Podalyria sericea</i>	Y		
730.	8175 <i>Podolepis gracilis</i> (Slender Podolepis)			
731.	8177 <i>Podolepis lessonii</i>			
732.	8395 <i>Polygala myrtifolia</i> (Myrtleleaf Milkwort)	Y		
733.	2416 <i>Polygonum arenastrum</i> (Sand Wireweed)	Y		
734.	2419 <i>Polygonum aviculare</i> (Wireweed)	Y		
735.	4690 <i>Poranthera huegelii</i>			
736.	4691 <i>Poranthera microphylla</i> (Small Poranthera)			
737.	8189 <i>Pseudognaphalium luteoalbum</i> (Jersey Cudweed)			
738.	13255 <i>Pterochaeta paniculata</i>			
739.	2720 <i>Ptilotus esquamatus</i>			
740.	2742 <i>Ptilotus manglesii</i> (Pom Poms, Mulamula)			
741.	4177 <i>Pultenaea ochreatea</i>			
742.	4181 <i>Pultenaea reticulata</i>			
743.	48843 <i>Quercus palustris</i>	Y		Y
744.	8195 <i>Quinetia urvillei</i>			
745.	2932 <i>Ranunculus colonorum</i> (Common Buttercup)			
746.	2933 <i>Ranunculus muricatus</i> (Sharp Buttercup)	Y		
747.	3061 <i>Raphanus raphanistrum</i> (Wild Radish)	Y		
748.	6012 <i>Regelia ciliata</i>			
749.	4822 <i>Rhamnus alaternus</i> (Buckthorn)	Y		
750.	13300 <i>Rhodanthe citrina</i>			
751.	15035 <i>Rhodanthe corymbosa</i>			
752.	13312 <i>Rhodanthe pyrethrum</i>			
753.	4695 <i>Ricinocarpos glaucus</i>			
754.	2967 <i>Romneya coulteri</i> (California Tree Poppy)	Y		
755.	20496 <i>Rubus laudatus</i>	Y		
756.	20495 <i>Rubus loganobaccus</i>	Y		
757.	3191 <i>Rubus ulmifolius</i> (Blackberry)	Y		
758.	23990 <i>Rubus ulmifolius</i> var. <i>ulmifolius</i>	Y		
759.	2429 <i>Rumex acetosella</i> (Sorrel)	Y		
760.	2432 <i>Rumex conglomeratus</i> (Clustered Dock)	Y		
761.	48431 <i>Salicornia quinqueflora</i> subsp. <i>quinqueflora</i> (Beaded Glasswort)			
762.	6483 <i>Samolus junceus</i>			
763.	7602 <i>Scaevola calliptera</i>			
764.	7613 <i>Scaevola glandulifera</i> (Viscid Hand-flower)			
765.	7619 <i>Scaevola lanceolata</i> (Long-leaved Scaevola)			
766.	7624 <i>Scaevola microphylla</i> (Small-leaved Scaevola)			
767.	7634 <i>Scaevola phlebopetala</i> (Velvet Fanflower)			
768.	7635 <i>Scaevola pilosa</i> (Hairy Fan-flower)			
769.	13182 <i>Scaevola repens</i> var. <i>repens</i>			
770.	7646 <i>Scaevola striata</i> (Royal Robe)			
771.	6033 <i>Scholtzia involucrata</i> (Spiked Scholtzia)			
772.	8203 <i>Senecio diaschides</i>			
773.	8208 <i>Senecio hispidulus</i> (Hispid Fireweed)			
774.	8212 <i>Senecio leucoglossus</i>		P4	
775.	20663 <i>Senecio multicaulis</i> subsp. <i>multicaulis</i>			
776.	25884 <i>Senecio pinnatifolius</i> var. <i>latilobus</i>			
777.	2909 <i>Silene gallica</i> (French Catchfly)	Y		
778.	15972 <i>Silene gallica</i> var. <i>gallica</i>	Y		
779.	11803 <i>Silene gallica</i> var. <i>quinquevulnera</i>	Y		
780.	8224 <i>Siloxerus filifolius</i>			
781.	14583 <i>Siloxerus multiflorus</i>			
782.	8227 <i>Silybum marianum</i> (Variegated Thistle)	Y		
783.	6988 <i>Solanum americanum</i> (Glossy Nightshade)	Y		
784.	7018 <i>Solanum lasiophyllum</i> (Flannel Bush, Mindjulu)			
785.	7022 <i>Solanum nigrum</i> (Black Berry Nightshade)	Y		
786.	8231 <i>Sonchus oleraceus</i> (Common Sowthistle)	Y		
787.	4207 <i>Sphaerolobium medium</i>			
788.	4210 <i>Sphaerolobium scabriusculum</i>			
789.	4211 <i>Sphaerolobium vimineum</i> (Leafless Globe Pea)			
790.	31931 <i>Sphenotoma capitata</i>			
791.	6930 <i>Stachys arvensis</i> (Staggerweed)	Y		
792.	4716 <i>Stachystemon vermicularis</i>			
793.	4733 <i>Stackhousia monogyna</i>			
794.	9070 <i>Stackhousia pubescens</i> (Downy Stackhousia)			
795.	2316 <i>Stirlingia latifolia</i> (Blueboy)			
796.	2317 <i>Stirlingia simplex</i>			

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797.	18564 <i>Stylidium aceratum</i>		P3	
798.	7684 <i>Stylidium amoenum</i> (Lovely Triggerplant)			
799.	30278 <i>Stylidium androsaceum</i>			
800.	25831 <i>Stylidium araeophyllum</i> (Stilt Walker)			
801.	7693 <i>Stylidium brunonianum</i> (Pink Fountain Triggerplant)			
802.	7696 <i>Stylidium calcaratum</i> (Book Triggerplant)			
803.	7699 <i>Stylidium carnosum</i> (Fleshy-leaved Triggerplant)			
804.	7702 <i>Stylidium ciliatum</i> (Golden Triggerplant)			
805.	7708 <i>Stylidium crassifolium</i> (Thick-leaved Triggerplant)			
806.	7712 <i>Stylidium despectum</i> (Dwarf Triggerplant)			
807.	11808 <i>Stylidium diuroides</i> subsp. <i>diuroides</i>			
808.	7717 <i>Stylidium divaricatum</i> (Daddy-long-legs)			
809.	7734 <i>Stylidium guttatum</i> (Dotted Triggerplant)			
810.	7736 <i>Stylidium hispidum</i> (White Butterfly Triggerplant)			
811.	7742 <i>Stylidium inundatum</i> (Hundreds and Thousands)			
812.	17850 <i>Stylidium irenae</i>		P4	
813.	7745 <i>Stylidium junceum</i> (Reed Triggerplant)			
814.	31878 <i>Stylidium korijekup</i>		P2	
815.	7752 <i>Stylidium lineatum</i> (Sunny Triggerplant)			
816.	25829 <i>Stylidium neurophyllum</i> (Coastal Plain Triggerplant)			
817.	25800 <i>Stylidium paludicola</i>		P3	
818.	7772 <i>Stylidium perpusillum</i> (Tiny Triggerplant)			
819.	7773 <i>Stylidium petiolare</i> (Horn Triggerplant)			
820.	7774 <i>Stylidium piliferum</i> (Common Butterfly Triggerplant)			
821.	7776 <i>Stylidium plantagineum</i> (Plantagenet Triggerplant)			
822.	7782 <i>Stylidium pulchellum</i> (Thumbelina Triggerplant)			
823.	33106 <i>Stylidium recurvum</i>			
824.	7785 <i>Stylidium repens</i> (Matted Triggerplant)			
825.	7787 <i>Stylidium rhynchocarpum</i> (Black-beaked Triggerplant)			
826.	7798 <i>Stylidium schoenoides</i> (Cow Kicks)			
827.	<i>Stylidium</i> sp.			
828.	45594 <i>Stylidium tenue</i> subsp. <i>majusculum</i> (Showy Fountain Triggerplant)			
829.	20603 <i>Stylidium trudgenii</i>		P3	
830.	7806 <i>Stylidium utricularioides</i> (Pink Fan Triggerplant)			
831.	6476 <i>Styphelia tenuiflora</i> (Common Pinheath)			
832.	2323 <i>Synaphea gracillima</i>			
833.	16865 <i>Synaphea odocoileops</i>		P1	
834.	2324 <i>Synaphea petiolaris</i> (Synaphea)			
835.	28354 <i>Synaphea</i> sp. <i>Serpentine</i> (G.R. Brand 103)		T	
836.	16749 <i>Synaphea stenoloba</i>		T	
837.	49028 <i>Syncarpia glomulifera</i>	Y		Y
838.	20114 <i>Taxandria fragrans</i>			
839.	20135 <i>Taxandria linearifolia</i>			
840.	4535 <i>Tetradlea hirsuta</i> (Black Eyed Susan)			
841.	48341 <i>Tetradlea hirsuta</i> subsp. <i>viminea</i>			
842.	4538 <i>Tetradlea parvifolia</i>		P3	
843.	5091 <i>Thomasia paniculata</i>			
844.	5092 <i>Thomasia pauciflora</i> (Few Flowered Thomasia)			
845.	17391 <i>Thomasia</i> sp. <i>Big Brook</i> (M. Koch 2373)			
846.	8248 <i>Tolpis barbata</i> (Yellow Hawkweed)	Y		
847.	19045 <i>Trachymene grandis</i>			
848.	6280 <i>Trachymene pilosa</i> (Native Parsnip)			
849.	8251 <i>Trichocline spathulata</i> (Native Gerbera)			
850.	4289 <i>Trifolium angustifolium</i> (Narrowleaf Clover)	Y		
851.	17145 <i>Trifolium angustifolium</i> var. <i>angustifolium</i>	Y		
852.	4291 <i>Trifolium arvense</i> (Hare's Foot Clover)	Y		
853.	17763 <i>Trifolium campestre</i> var. <i>campestre</i> (Hop Clover)	Y		
854.	4295 <i>Trifolium dubium</i> (Suckling Clover)	Y		
855.	17759 <i>Trifolium fragiferum</i> var. <i>fragiferum</i>	Y		
856.	4297 <i>Trifolium glomeratum</i> (Cluster Clover)	Y		
857.	4300 <i>Trifolium incarnatum</i> (Crimson Clover)	Y		
858.	15659 <i>Trifolium lappaceum</i> var. <i>lappaceum</i>	Y		
859.	4302 <i>Trifolium ligusticum</i> (Ligurian Clover)	Y		
860.	17115 <i>Trifolium repens</i> var. <i>repens</i>	Y		
861.	4313 <i>Trifolium subterraneum</i> (Subterranean Clover)	Y		
862.	15509 <i>Trifolium tomentosum</i> var. <i>tomentosum</i>	Y		
863.	44444 <i>Tripterococcus</i> sp. <i>Brachylobus</i> (A.S. George 14234)		P4	
864.	1139 <i>Trithuria bibracteata</i>			
865.	1141 <i>Trithuria submersa</i>			
866.	4360 <i>Tropaeolum majus</i> (Garden Nasturtium)	Y		

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867.	13479 <i>Trymalium ledifolium</i> var. <i>rosmarinifolium</i>			
868.	33417 <i>Trymalium odoratissimum</i>			
869.	33418 <i>Trymalium odoratissimum</i> subsp. <i>odoratissimum</i>			
870.	33438 <i>Trymalium odoratissimum</i> subsp. <i>trifidum</i>			
871.	8255 <i>Ursinia anthemoides</i> (<i>Ursinia</i>)	Y		
872.	7138 <i>Utricularia inaequalis</i>			
873.	7145 <i>Utricularia menziesii</i> (<i>Redcoats</i>)			
874.	7148 <i>Utricularia multifida</i>			
875.	19921 <i>Utricularia petertaylorii</i>			
876.	7157 <i>Utricularia violacea</i> (<i>Violet Bladderwort</i>)			
877.	7665 <i>Velleia trinervis</i>			
878.	15433 <i>Verticordia huegelii</i> var. <i>huegelii</i>			
879.	6101 <i>Verticordia nitens</i> (<i>Morrison Featherflower, Kodjeningara</i>)			
880.	15618 <i>Verticordia plumosa</i> var. <i>plumosa</i>			
881.	4320 <i>Vicia hirsuta</i> (<i>Hairy Vetch</i>)	Y		
882.	12070 <i>Vicia sativa</i> subsp. <i>sativa</i>	Y		
883.	4325 <i>Viminaria juncea</i> (<i>Swishbush, Koweda</i>)			
884.	6575 <i>Vinca major</i> (<i>Blue Periwinkle</i>)	Y		
885.	<i>Wahlenbergia</i> sp.			
886.	13328 <i>Waitzia nitida</i>			
887.	8282 <i>Waitzia suaveolens</i> (<i>Fragrant Waitzia</i>)			
888.	13333 <i>Waitzia suaveolens</i> var. <i>suaveolens</i>			
889.	6283 <i>Xanthosia atkinsoniana</i>			
890.	6284 <i>Xanthosia candida</i>			
891.	6285 <i>Xanthosia ciliata</i>			
892.	6289 <i>Xanthosia huegelii</i>			
893.	6293 <i>Xanthosia singuliflora</i>			
894.	19330 <i>Xanthosia tasmanica</i>			
895.	44861 <i>Xerochrysum macranthum</i>			
896.	2331 <i>Xylomelum occidentale</i> (<i>Woody Pear, Djandin</i>)			

Fish

897.	<i>Bostockia porosa</i>			
898.	<i>Carassius auratus</i>			
899.	34028 <i>Galaxias occidentalis</i> (<i>Western Minnow</i>)			
900.	34030 <i>Geotria australis</i> (<i>Pouched Lamprey</i>)		P3	
901.	<i>Nannoperca vittata</i>			

Fungus

902.	43543 <i>Amanita fibrilloses</i>		P3	
903.	<i>Austrogautieria manjimupana</i>			
904.	<i>Claviceps purpurea</i>			
905.	44926 <i>Ileodictyon gracile</i>			
906.	31333 <i>Lichenomphalia umbellifera</i>			
907.	45832 <i>Microbotryum prostratum</i>			
908.	45860 <i>Moesziomyces bullatus</i>			Y
909.	38817 <i>Panaeolus papilionaceus</i>			
910.	<i>Pholiota multicingulata</i>			
911.	<i>Phytophthora cinnamomi</i>			
912.	<i>Pluteus atomarginatus</i>			
913.	<i>Poronia erici</i>			
914.	<i>Russula neerimea</i>			
915.	45885 <i>Sporisorium sorghi</i>			
916.	38840 <i>Stereum hirsutum</i>			

Gymnosperm

917.	92 <i>Callitris canescens</i>			
918.	44794 <i>Cupressus sempervirens</i>	Y		Y
919.	85 <i>Macrozamia riedlei</i> (<i>Zamia, Djiridji</i>)			

Hepatic (Liverwort)

920.	<i>Cephaloziella exiliflora</i>			
921.	<i>Cephaloziella hirta</i>			
922.	<i>Cephaloziella varians</i>			
923.	<i>Chiloscyphus semiteres</i> var. <i>semiteres</i>			
924.	<i>Jamesoniella colorata</i>			
925.	<i>Kurzia hippurioides</i>			
926.	<i>Riccardia aequicellularis</i>			
927.	<i>Riccia</i> sp.			
928.	<i>Telaranea centipes</i>			

Invertebrate

929.	<i>Ablabesmyia</i> sp. V37			
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Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
930.	<i>Acariformes</i> sp.			
931.	<i>Acritoptila globosa</i>			
932.	<i>Acritoptila margaretae</i>			
933.	<i>Adversaeschna brevistyla</i>			
934.	<i>Aeshnidae</i> sp.			
935.	<i>Akamptogonus novarae</i>			
936.	<i>Allothreua maculata</i>			
937.	<i>Aname mainae</i>			
938.	<i>Aname tepperi</i>			
939.	<i>Anax papuensis</i>			
940.	<i>Ancylidae</i> sp.			
941.	<i>Anisops</i> sp.			
942.	<i>Aphroteniella filicornis</i>			
943.	<i>Apsectrotanypus nr maculosa</i>			
944.	<i>Apsilochorema urdalum</i>			
945.	<i>Arachnura higginsi</i>			
946.	<i>Araneus cyphoxis</i>			
947.	<i>Araneus eburneiventris</i>			
948.	<i>Araneus senicaudatus</i>			
949.	<i>Archaeosynthemis leachii</i>			
950.	<i>Archaeosynthemis occidentalis</i>			
951.	<i>Archaeosynthemis spiniger</i>			
952.	<i>Archargiolestes pusillus</i>			
953.	<i>Archichauliodes</i> sp.			
954.	<i>Argiope protensa</i>			
955.	<i>Arkys walckenaeri</i>			
956.	<i>Arrenuridae</i> sp.			
957.	<i>Artoria cingulipes</i>			
958.	<i>Artoria flavimana</i>			
959.	<i>Artoria linnaei</i>			
960.	<i>Athericidae</i> sp.			
961.	<i>Atriplectides dubius</i>			
962.	<i>Atriplectidae</i> sp.			
963.	<i>Aturidae</i> sp.			
964.	<i>Austracantha minax</i>			
965.	<i>Australopelopia prionopectera</i>			
966.	<i>Austroaeschna anacantha</i>			
967.	<i>Austrobrillia longipes</i>			Y
968.	<i>Austrocordulidae</i> sp.			
969.	<i>Austrogomphus (Zephyrogomphus) lateralis</i>			
970.	<i>Austrogomphus collaris</i>			
971.	<i>Austrogomphus</i> sp.			Y
972.	<i>Austrosynthemis cyanitincta</i>			
973.	<i>Backobourkia brounii</i>			
974.	<i>Backobourkia heroine</i>			
975.	<i>Baetidae</i> sp.			
976.	<i>Baiami teganarioides</i>			
977.	<i>Berosus approximans</i>			
978.	<i>Bibulmena kadjina</i>			
979.	<i>Botryocladus bibulmun</i>			
980.	<i>Botryocladus freemani</i>			
981.	<i>Brentidae</i> sp.			
982.	<i>Caenidae</i> sp.			
983.	<i>Carabidae</i> sp.			
984.	<i>Ceiniidae</i> sp.			
985.	<i>Celaenia excavata</i>			
986.	<i>Ceratopogonidae</i> sp.			
987.	<i>Cercophonius squama</i>			
988.	<i>Cercophonius sulcatus</i>			
989.	33939 <i>Cherax cainii</i> (Marron)			
990.	<i>Cherax destructor</i>			
991.	<i>Cherax quinquecarinatus</i>			
992.	<i>Cheumatopsyche</i> sp. AV2 (SAP)			
993.	<i>Chironominae</i> sp.			
994.	<i>Chironomus</i> aff. <i>alternans</i> (V24) (CB)			
995.	<i>Chironomus occidentalis</i>			
996.	<i>Chrysomelidae</i> sp.			
997.	<i>Cladocera</i> (unident.)			
998.	<i>Cladopelma curtivalva</i>			
999.	<i>Cladotanytarsus</i> sp. A (SAP)			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
1000.	<i>Cloeon</i> sp.			
1001.	<i>Coenagrionidae</i> sp.			
1002.	<i>Condocerus aptus</i>			
1003.	<i>Corduliidae</i> sp.			
1004.	<i>Corixidae</i> sp.			
1005.	<i>Cormocephalus aurantiipes</i>			
1006.	<i>Cormocephalus hartmeyer</i>			
1007.	<i>Corynoneura</i> sp. (V49) (SAP)			
1008.	<i>Cricotopus 'brevicornis'</i>			
1009.	<i>Cricotopus 'parbicinctus'</i>			
1010.	<i>Cryptochironomus griseidorsum</i>			
1011.	<i>Culicidae</i> sp.			
1012.	<i>Curculionidae</i> sp.			
1013.	<i>Cyclosa camelodes</i>			
1014.	<i>Cyclosa trilobata</i>			
1015.	<i>Demicryptochironomus</i> sp.			
1016.	<i>Dugesidae</i> sp.			
1017.	<i>Dytiscidae</i> sp.			
1018.	<i>Ecnomidae</i> sp.			
1019.	<i>Ecnomina D group</i>			Y
1020.	<i>Ecnomina F group</i> sp. 8 (SFM)			
1021.	<i>Ecnomus</i> sp.			
1022.	<i>Elassoctenus harpax</i>			
1023.	<i>Empididae</i> sp.			
1024.	<i>Enchytraeidae</i> sp.			
1025.	<i>Ephydriidae</i> sp.			
1026.	<i>Eriophora biapicata</i>			
1027.	<i>Erpobdellidae</i> sp.			
1028.	<i>Gelastocoridae</i> sp.			
1029.	<i>Glossiphoniidae</i> sp.			
1030.	<i>Gomphidae</i> sp.			
1031.	<i>Gordiidae</i> sp.			
1032.	<i>Gripopterygidae</i> sp.			
1033.	<i>Gymnometriocnemus</i> sp. 1 (=V44 = ortho sp. C & R)			
1034.	<i>Gymnometriocnemus</i> sp. 2 (=V45=spA&B=ortho sp. O)			
1035.	<i>Gyrinidae</i> sp.			
1036.	<i>Haloniscus</i> sp.			
1037.	<i>Harrisius</i> sp. A (SAP)			
1038.	<i>Harrisius</i> sp. B (SFM)			
1039.	<i>Hellyethira litua</i>			
1040.	<i>Hemicordulia tau</i>			
1041.	<i>Hemicorduliidae</i> sp.			
1042.	<i>Hemigomphus armiger</i>			Y
1043.	<i>Hesperocordulia berthoudi</i>			
1044.	<i>Hirudinea</i> sp.			
1045.	<i>Hoggicosa storri</i>			
1046.	<i>Hogna immansueta</i>			
1047.	<i>Hydraenidae</i> sp.			
1048.	<i>Hydrobiosella michaelseni</i>			
1049.	<i>Hydrobiosella</i> sp. AV16			
1050.	<i>Hydrobiosidae</i> sp.			
1051.	<i>Hydrodromidae</i> sp.			
1052.	<i>Hydrophilidae</i> sp.			
1053.	<i>Hydropsychidae</i> sp.			
1054.	<i>Hydroptila losida</i>			
1055.	<i>Hydroptila</i> sp.			
1056.	<i>Hydroptilidae</i> sp.			
1057.	<i>Hydryphantidae</i> sp.			
1058.	<i>Hygrobatidae</i> sp.			
1059.	<i>Hypsimepodidae</i> sp.			
1060.	<i>Hyriidae</i> sp.			
1061.	<i>Idiommata blackwalli</i>			
1062.	48935 <i>Idiosoma sigillatum</i> (Swan Coastal Plain shield-backed trapdoor spider)		P3	
1063.	<i>Insulodrilus bifidus</i>			
1064.	<i>Isopeda leishmanni</i>			
1065.	<i>Ixodes australiensis</i>			
1066.	<i>Karaops jarrit</i>			
1067.	<i>Kiefferulus martini</i>			
1068.	<i>Lampona cylindrata</i>			
1069.	<i>Lathrocordulia metallica</i>			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
1070.	<i>Latrodectus hasseltii</i>			
1071.	<i>Lectrides parilis</i>			
1072.	<i>Lepidoptera (non-pyralid)</i>			
1073.	<i>Leptoc Genus A sp. AV1</i>			
1074.	<i>Leptoceridae sp.</i>			
1075.	<i>Leptoperla australica</i>			
1076.	<i>Leptophlebiid genus S sp. AV1</i>			
1077.	<i>Leptophlebiidae sp.</i>			
1078.	<i>Lestidae sp.</i>			
1079.	<i>Libellulidae sp.</i>			
1080.	<i>Limbodessus inornatus</i>			
1081.	<i>Limnoxenus zelandicus</i>			
1082.	<i>Longrita insidiosa</i>			
1083.	<i>Lycosa ariadnae</i>			
1084.	<i>Lymnaeidae sp.</i>			
1085.	<i>Macrogyrus angustatus</i>			
1086.	<i>Maratus pavonis</i>			
1087.	<i>Megapodagrionidae sp.</i>			
1088.	<i>Mesoveliidae sp.</i>			
1089.	<i>Microvelia (Austromicrovelia) australiensis</i>			
1090.	<i>Microvelia sp.</i>			
1091.	<i>Miniargiolestes minimus</i>			
1092.	<i>Missulena granulosa</i>			
1093.	<i>Missulena occatoria</i>			
1094.	<i>Muscidae sp.</i>			
1095.	<i>Naididae sp.</i>			
1096.	<i>Nannophya occidentalis</i>			
1097.	<i>Neboissophlebia occidentalis</i>			
1098.	<i>Necterosoma regulare</i>			
1099.	<i>Necterosoma sp.</i>			
1100.	<i>Nematoda sp.</i>			
1101.	<i>Neoniphargidae sp.</i>			
1102.	<i>Nephila edulis</i>			
1103.	<i>Newmanoperla exigua</i>			
1104.	<i>Newmanoperla sp.</i>			
1105.	<i>Nicodamus mainae</i>			
1106.	<i>Notalina nr. sp. AV14</i>			
1107.	<i>Notalina sp.</i>			
1108.	<i>Notalina sp. AV15 (PSW)</i>			
1109.	<i>Notalina sp. AV16 (SFM)</i>			
1110.	<i>Notonectidae sp.</i>			
1111.	<i>Notoperata tenax</i>			
1112.	<i>Nousia sp. AV16</i>			
1113.	<i>Nyungara bunni</i>			
1114.	<i>Oecetis sp.</i>			
1115.	<i>Oecobius navus</i>			
1116.	<i>Offadens soror (ex genus 1 WA sp. 1)</i>			
1117.	<i>Oligochaeta sp.</i>			
1118.	<i>Oniscidae sp.</i>			
1119.	<i>Opisthopora sp.</i>			
1120.	<i>Oribatida sp.</i>			
1121.	<i>Orthoclaadiinae SO3 sp. A (SAP)</i>			
1122.	<i>Orthoclaadiinae sp.</i>			
1123.	<i>Ostracoda (unident.)</i>			
1124.	<i>Oxidae sp.</i>			
1125.	<i>Oxyethira sp.</i>			
1126.	<i>Palaemonidae sp.</i>			
1127.	<i>Paracladopelma M1 (SFM)</i>			
1128.	<i>Paracymus pygmaeus</i>			
1129.	<i>Parakiefferiella sp. S1</i>			
1130.	<i>Parakiefferiella variegatus</i>			
1131.	<i>Paralimnophyes pullulus (V42)</i>			
1132.	<i>Paramelitidae sp.</i>			
1133.	<i>Paramerina levidensis</i>			
1134.	<i>Parastacidae sp.</i>			
1135.	<i>Pentaneurini genus C</i>			
1136.	<i>Pentaneurini genus V20</i>			
1137.	<i>Pentastemon intermedium</i>			
1138.	<i>Perthiidae sp.</i>			
1139.	<i>Philopotamidae sp.</i>			

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1140.	<i>Phreatoicidae sp.</i>			
1141.	<i>Phreodrilidae sp.</i>			
1142.	<i>Physidae sp.</i>			
1143.	<i>Pinkfloydia harveii</i>			
1144.	<i>Planorbidae sp.</i>			
1145.	<i>Plebs cyphoxis</i>			Y
1146.	<i>Polycentropodidae sp.</i>			
1147.	<i>Polypedilum nr. convexum (SAP)</i>			
1148.	<i>Polypedilum watsoni</i>			
1149.	<i>Procladius paludicola</i>			
1150.	<i>Procordulia affinis</i>			
1151.	<i>Psychodidae sp.</i>			
1152.	<i>Pyralidae sp.</i>			
1153.	<i>Raveniella peckorum</i>			
1154.	<i>Rheotanytarsus juliae</i>			
1155.	<i>Rheotanytarsus sp. (SFM)</i>			
1156.	<i>Rheotanytarsus trivittatus</i>			
1157.	<i>Rheotanytarsus underwoodi</i>			
1158.	<i>Richardsonianidae sp.</i>			
1159.	<i>Riekoperla occidentalis</i>			
1160.	<i>Riethia v4</i>			
1161.	<i>Riethia v5</i>			
1162.	<i>Scirtidae sp.</i>			
1163.	<i>Sigara sp.</i>			
1164.	<i>Simuliidae sp.</i>			
1165.	<i>Skusella"V12 ex-WA" (Cranston)</i>			
1166.	<i>Smicrophylax australis</i>			
1167.	<i>Sphaeriidae sp.</i>			
1168.	<i>Staphylinidae sp.</i>			
1169.	<i>Steatoda capensis</i>			
1170.	<i>Steatoda grossa</i>			
1171.	<i>Stempellina sp. 1 (SFM)</i>			
1172.	<i>Sternopriscus browni</i>			
1173.	<i>Sternopriscus marginatus</i>			
1174.	<i>Sternopriscus sp.</i>			
1175.	<i>Stictocladius occidentalis</i>			
1176.	<i>Storena formosa</i>			
1177.	<i>Styloniscidae sp.</i>			
1178.	<i>Supunna funerea</i>			
1179.	<i>Supunna picta</i>			
1180.	<i>Synsphyronus magnus</i>			
1181.	<i>Synthemistidae sp.</i>			
1182.	<i>Tabanidae sp.</i>			
1183.	<i>Tamopsis perthensis</i>			
1184.	<i>Tanypodinae sp.</i>			
1185.	<i>Tanytarsus aff edwardi</i>			
1186.	<i>Tanytarsus aff manleyensis</i>			
1187.	<i>Tanytarsus b1</i>			
1188.	<i>Tanytarsus barbatarsis</i>			
1189.	<i>Tanytarsus fuscithorax/semibarbitarsus</i>			
1190.	<i>Tanytarsus nr K5</i>			
1191.	<i>Tanytarsus palmatus</i>			
1192.	<i>Tanytarsus sp. E (SAP)</i>			
1193.	<i>Tanytarsus sp. F (SAP)</i>			
1194.	<i>Tanytarsus sp. I (SAP)</i>			
1195.	<i>Taschorema pallescens</i>			
1196.	<i>Tasmanicosa leuckartii</i>			
1197.	<i>Tasmanocoenis tillyardi</i>			
1198.	<i>Telephlebiidae sp.</i>			
1199.	<i>Temnocephalidea sp.</i>			
1200.	<i>Tenebrionidae sp.</i>			
1201.	<i>Thienemaniella sp. (V19) (SAP)</i>			
1202.	<i>Tipulidae sp.</i>			
1203.	<i>Triplectides sp. AV1 (SFM)</i>			
1204.	<i>Triplectides sp. AV21 (SFM)</i>			
1205.	<i>Turbellaria sp.</i>			
1206.	<i>Urodacus hartmeyerii</i>			
1207.	<i>Urodacus novaehollandiae</i>			
1208.	<i>Urodacus planimanus</i>			
1209.	<i>Urodacus similis</i>			

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1210.	<i>Uvarus pictipes</i>			
1211.	<i>Velliidae sp.</i>			
1212.	<i>Venator immansueta</i>			
1213.	<i>Venatrix pullastra</i>			
1214.	34113 <i>Westralunio carteri</i> (Carter's Freshwater Mussel)		T	
Lichen				
1215.	<i>Caloplaca sp.</i>			
1216.	<i>Candelariella sp.</i>			
1217.	27663 <i>Cladia aggregata</i>			
1218.	27668 <i>Cladia schizopora</i>			
1219.	27671 <i>Cladonia angustata</i>			
1220.	27672 <i>Cladonia calyciformis</i>			
1221.	27673 <i>Cladonia capitellata</i>			
1222.	28208 <i>Cladonia cervicornis subsp. verticillata</i>			
1223.	27684 <i>Cladonia krempelhuberi</i>			
1224.	27685 <i>Cladonia macilentata</i>			
1225.	27688 <i>Cladonia ochrochlora</i>			
1226.	27691 <i>Cladonia ramulosa</i>			
1227.	27692 <i>Cladonia rigida</i>			
1228.	27695 <i>Cladonia subradiata</i>			
1229.	27696 <i>Cladonia sulcata</i>			
1230.	27697 <i>Cladonia tessellata</i>			
1231.	27742 <i>Ephebe lanata</i>			
1232.	27748 <i>Flavoparmelia rutidota</i>			
1233.	27785 <i>Hypogymnia pulchrilobata</i>			
1234.	27787 <i>Hypogymnia subphysodes</i>			
1235.	28218 <i>Hypogymnia subphysodes var. austerodioides</i>			
1236.	28219 <i>Hypogymnia subphysodes var. subphysodes</i>			
1237.	<i>Lecanora sp.</i>			
1238.	27905 <i>Parapropidia glauca</i>			
1239.	28060 <i>Siphula coriacea</i>			
1240.	28065 <i>Teloschistes chrysophthalmus</i>			
1241.	28068 <i>Tephromela atra</i>			
1242.	28071 <i>Thysanothecium scutellatum</i>			
1243.	28077 <i>Trapelia coarctata</i>			
1244.	28087 <i>Usnea inermis</i>			
1245.	41283 <i>Usnea oncodeoides</i>			
1246.	28104 <i>Xanthoparmelia amplexula</i>			
1247.	28122 <i>Xanthoparmelia dichotoma</i>			
1248.	28151 <i>Xanthoparmelia mexicana</i>			
1249.	<i>Xanthoparmelia sp.</i>			
Mammal				
1250.	24088 <i>Antechinus flavipes subsp. leucogaster</i> (Yellow-footed Antechinus, Mardo)			
1251.	24162 <i>Bettongia penicillata subsp. ogilbyi</i> (Woylie, Brush-tailed Bettong)		T	
1252.	24086 <i>Cercartetus concinnus</i> (Western Pygmy-possum, Mundarda)			
1253.	24186 <i>Chalinolobus gouldii</i> (Gould's Wattled Bat)			
1254.	24187 <i>Chalinolobus morio</i> (Chocolate Wattled Bat)			
1255.	24092 <i>Dasyurus geoffroyi</i> (Chuditch, Western Quoll)		T	
1256.	24258 <i>Equus caballus</i> (Horse)	Y		
1257.	24189 <i>Falsistrellus mackenziei</i> (Western False Pipistrelle, Western Falsistrelle)		P4	
1258.	24041 <i>Felis catus</i> (Cat)	Y		
1259.	24215 <i>Hydromys chrysogaster</i> (Water-rat, Rakali)		P4	
1260.	48588 <i>Isodon fusciventer</i> (Quenda, southwestern brown bandicoot)		P4	
1261.	24132 <i>Macropus fuliginosus</i> (Western Grey Kangaroo)			
1262.	24223 <i>Mus musculus</i> (House Mouse)	Y		
1263.	24146 <i>Myrmecobius fasciatus</i> (Numbat, Walpurti)		T	
1264.	48022 <i>Notamacropus irma</i> (Western Brush Wallaby)		P4	
1265.	24194 <i>Nyctophilus geoffroyi</i> (Lesser Long-eared Bat)			
1266.	24195 <i>Nyctophilus gouldi</i> (Gould's Long-eared Bat)			
1267.	24085 <i>Oryctolagus cuniculus</i> (Rabbit)	Y		
1268.	48070 <i>Phascogale tapoatafa subsp. wambenger</i> (South-western Brush-tailed Phascogale, Wambenger)		S	
1269.	24166 <i>Pseudocheirus occidentalis</i> (Western Ringtail Possum, ngwayir)		T	
1270.	24230 <i>Pseudomys albocinereus</i> (Ash-grey Mouse)			
1271.	24243 <i>Rattus fuscipes</i> (Western Bush Rat)			
1272.	24245 <i>Rattus rattus</i> (Black Rat)	Y		
1273.	24145 <i>Setonix brachyurus</i> (Quokka)		T	
1274.	24111 <i>Sminthopsis gilberti</i> (Gilbert's Dunnart)			
1275.	25515 <i>Sminthopsis griseoventer</i> (Grey-bellied Dunnart)			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
1276.	24259 <i>Sus scrofa</i> (Pig)	Y		
1277.	24207 <i>Tachyglossus aculeatus</i> (Short-beaked Echidna)			
1278.	24167 <i>Tarsipes rostratus</i> (Honey Possum, Noolbenger)			
1279.	25521 <i>Trichosurus vulpecula</i> (Common Brushtail Possum)			
1280.	24158 <i>Trichosurus vulpecula</i> subsp. <i>vulpecula</i> (Common Brushtail Possum)			
1281.	24206 <i>Vespadelus regulus</i> (Southern Forest Bat)			
1282.	24040 <i>Vulpes vulpes</i> (Red Fox)	Y		
Monocotyledon				
1283.	182 <i>Agrostis stolonifera</i> (Creeping Bent)	Y		
1284.	23474 <i>Agrostocnium hirsutum</i>			
1285.	1261 <i>Agrostocnium scabrum</i> (Blue Grass Lily)			
1286.	184 <i>Aira caryophylla</i> (Silvery Hairgrass)	Y		
1287.	185 <i>Aira cupaniana</i> (Silvery Hairgrass)	Y		
1288.	186 <i>Aira elegantissima</i>	Y		
1289.	154 <i>Alisma lanceolatum</i> (Water Plantain)	Y		
1290.	1489 <i>Amaryllis belladonna</i> (Belladonna Lily)	Y		
1291.	194 <i>Amphipogon amphipogonoides</i>			
1292.	198 <i>Amphipogon laguroides</i>			
1293.	20184 <i>Amphipogon laguroides</i> subsp. <i>laguroides</i>			
1294.	200 <i>Amphipogon turbinatus</i>			
1295.	1058 <i>Anarthria gracilis</i>			
1296.	1062 <i>Anarthria prolifera</i>			
1297.	1406 <i>Anigozanthos bicolor</i> (Little Kangaroo Paw)			
1298.	1407 <i>Anigozanthos flavidus</i> (Tall Kangaroo Paw)			
1299.	1411 <i>Anigozanthos manglesii</i> (Mangles Kangaroo Paw, Kurulbrang)			
1300.	11261 <i>Anigozanthos manglesii</i> subsp. <i>manglesii</i>			
1301.	1416 <i>Anigozanthos viridis</i> (Green Kangaroo Paw, Kurulbardang)			
1302.	11566 <i>Anigozanthos viridis</i> subsp. <i>viridis</i>			
1303.	202 <i>Anthoxanthum odoratum</i> (Sweet Vernal Grass)	Y		
1304.	1116 <i>Aphelia brizula</i>			
1305.	1117 <i>Aphelia cyperoides</i>			
1306.	1118 <i>Aphelia drummondii</i>			
1307.	43548 <i>Aphelia</i> sp. Albany (B.G. Briggs 596)			
1308.	17845 <i>Apodasmia ceramophila</i>			
1309.	11542 <i>Arrhenatherum elatius</i> var. <i>bulbosum</i> (Onion Twitch)	Y		
1310.	8779 <i>Asparagus asparagoides</i> (Bridal Creeper)	Y		
1311.	1201 <i>Asparagus officinalis</i> (Asparagus)	Y		
1312.	17233 <i>Austrostipa campylachne</i>			
1313.	17253 <i>Austrostipa semibarbata</i>			
1314.	233 <i>Avena barbata</i> (Bearded Oat)	Y		
1315.	18279 <i>Babiana angustifolia</i>	Y		
1316.	741 <i>Baumea articulata</i> (Jointed Rush)			
1317.	748 <i>Baumea vaginalis</i> (Sheath Twigrush)			
1318.	1272 <i>Borya scirpoidea</i>			
1319.	1273 <i>Borya sphaerocephala</i> (Pincushions)			
1320.	244 <i>Briza maxima</i> (Blowfly Grass)	Y		
1321.	245 <i>Briza minor</i> (Shivery Grass)	Y		
1322.	248 <i>Bromus catharticus</i> (Prairie Grass)	Y		
1323.	249 <i>Bromus diandrus</i> (Great Brome)	Y		
1324.	250 <i>Bromus hordeaceus</i> (Soft Brome)	Y		
1325.	252 <i>Bromus madritensis</i> (Madrid Brome)	Y		
1326.	12770 <i>Burchardia congesta</i>			
1327.	1385 <i>Burchardia multiflora</i> (Dwarf Burchardia)			
1328.	1276 <i>Caesia micrantha</i> (Pale Grass Lily)			
1329.	1277 <i>Caesia occidentalis</i>			
1330.	1586 <i>Caladenia discoidea</i> (Dancing Orchid)			
1331.	1590 <i>Caladenia ferruginea</i> (Rusty Spider Orchid)			
1332.	1592 <i>Caladenia flava</i> (Cowslip Orchid)			
1333.	15348 <i>Caladenia flava</i> subsp. <i>flava</i>			
1334.	15354 <i>Caladenia hirta</i> subsp. <i>hirta</i>			
1335.	1596 <i>Caladenia huegelii</i> (Grand Spider Orchid)		T	
1336.	13859 <i>Caladenia longicauda</i> subsp. <i>clivicola</i>			
1337.	1603 <i>Caladenia longiclavata</i> (Clubbed Spider Orchid)			
1338.	1604 <i>Caladenia macrostylis</i> (Leaping Spider Orchid)			
1339.	1605 <i>Caladenia marginata</i> (White Fairy Orchid)			
1340.	15371 <i>Caladenia nana</i> subsp. <i>nana</i>			
1341.	15372 <i>Caladenia nana</i> subsp. <i>unita</i>			
1342.	17760 <i>Caladenia nobilis</i>			
1343.	15503 <i>Caladenia paludosa</i>			
1344.	1612 <i>Caladenia radiata</i> (Ray Spider Orchid)			

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1345.	<i>Caladenia</i> sp.			
1346.	13862 <i>Caladenia speciosa</i>		P4	
1347.	15380 <i>Caladenia splendens</i>			
1348.	13863 <i>Caladenia uliginosa</i> subsp. <i>patulens</i>		P1	
1349.	15383 <i>Caladenia uliginosa</i> subsp. <i>uliginosa</i>			
1350.	756 <i>Carex inversa</i> (Knob Sedge)			
1351.	759 <i>Carex tereticaulis</i>		P3	
1352.	1162 <i>Cartonema philydroides</i>			
1353.	41565 <i>Cenchrus americanus</i> (Pearl Millet)	Y		
1354.	41564 <i>Cenchrus clandestinus</i> (Kikuyu Grass)	Y		
1355.	41567 <i>Cenchrus macrourus</i> (African Feather Grass)	Y		
1356.	1120 <i>Centrolepis alepyroides</i>			
1357.	1121 <i>Centrolepis aristata</i> (Pointed Centrolepis)			
1358.	1125 <i>Centrolepis drummondiana</i>			
1359.	1128 <i>Centrolepis fascicularis</i>			
1360.	1132 <i>Centrolepis mutica</i>			
1361.	17685 <i>Chaetanthus aristatus</i>			
1362.	1280 <i>Chamaescilla corymbosa</i> (Blue Squill)			
1363.	11299 <i>Chamaescilla corymbosa</i> var. <i>corymbosa</i>			
1364.	11878 <i>Chamaescilla corymbosa</i> var. <i>paradoxa</i>			
1365.	19338 <i>Chamaescilla gibsonii</i>		P3	
1366.	1513 <i>Chasmanthe floribunda</i> (African Cornflag)	Y		
1367.	267 <i>Chloris gayana</i> (Rhodes Grass)	Y		
1368.	17706 <i>Chordifex sinuosus</i>			
1369.	762 <i>Chorizandra cymbaria</i> (Heron Bristle Rush)			
1370.	763 <i>Chorizandra enodis</i> (Black Bristlerush)			
1371.	1418 <i>Conostylis aculeata</i> (Prickly Conostylis)			
1372.	11826 <i>Conostylis aculeata</i> subsp. <i>aculeata</i>			
1373.	12109 <i>Conostylis aculeata</i> subsp. <i>preissii</i>			
1374.	1436 <i>Conostylis juncea</i>			
1375.	11657 <i>Conostylis pauciflora</i> subsp. <i>pauciflora</i>		P4	
1376.	1447 <i>Conostylis pusilla</i>			
1377.	1453 <i>Conostylis serrulata</i>			
1378.	1454 <i>Conostylis setigera</i> (Bristly Cottonhead)			
1379.	11597 <i>Conostylis setigera</i> subsp. <i>setigera</i>			
1380.	1455 <i>Conostylis setosa</i> (White Cottonhead)			
1381.	48259 <i>Cortaderia selloana</i> subsp. <i>selloana</i>	Y		
1382.	12945 <i>Corybas recurvus</i>			
1383.	17964 <i>Crinum moorei</i>	Y		
1384.	1627 <i>Cryptostylis ovata</i> (Slipper Orchid)			
1385.	15114 <i>Cyanicula gemmata</i>			
1386.	768 <i>Cyathochaeta avenacea</i>			
1387.	16245 <i>Cyathochaeta teretifolia</i>		P3	
1388.	40661 <i>Cychnogeton lineare</i>			
1389.	283 <i>Cynodon dactylon</i> (Couch)	Y		
1390.	285 <i>Cynosurus echinatus</i> (Rough Dogstail)	Y		
1391.	783 <i>Cyperus congestus</i> (Dense Flat-sedge)	Y		
1392.	792 <i>Cyperus eragrostis</i> (Umbrella Sedge)	Y		
1393.	806 <i>Cyperus polystachyos</i> (Bunchy Sedge)			
1394.	815 <i>Cyperus tenellus</i> (Tiny Flatsedge)	Y		
1395.	816 <i>Cyperus tenuiflorus</i> (Scaly Sedge)	Y		
1396.	10916 <i>Cyrtostylis huegelii</i>			
1397.	1218 <i>Dasypogon bromeliifolius</i> (Pineapple Bush)			
1398.	17691 <i>Desmocladius fasciculatus</i>			
1399.	16595 <i>Desmocladius flexuosus</i>			
1400.	299 <i>Deyeuxia quadriseta</i> (Reed Bentgrass)			
1401.	1259 <i>Dianella revoluta</i> (Blueberry Lily)			
1402.	11636 <i>Dianella revoluta</i> var. <i>divaricata</i>			
1403.	306 <i>Dichelachne crinita</i> (Longhair Plumegrass)			
1404.	17838 <i>Dielsia stenostachya</i>			
1405.	19649 <i>Disa bracteata</i>	Y		
1406.	12944 <i>Diuris amplissima</i>			
1407.	48254 <i>Diuris cruenta</i>			
1408.	10796 <i>Diuris drummondii</i> (Tall Donkey Orchid)		T	
1409.	1637 <i>Diuris purdiei</i> (Purdie's Donkey Orchid)		T	
1410.	1639 <i>Drakaea elastica</i> (Glossy-leaved Hammer Orchid)		T	
1411.	1640 <i>Drakaea glyptodon</i> (King-in-his-carriage)			
1412.	11156 <i>Drakaea livida</i>			
1413.	13635 <i>Drakaea micrantha</i>		T	
1414.	11105 <i>Echinochloa crus-galli</i>	Y		

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1415.	338 <i>Echinochloa telmatophila</i> (Swamp Barnyard Grass)	Y		
1416.	347 <i>Ehrharta calycina</i> (Perennial Veldt Grass)	Y		
1417.	349 <i>Ehrharta longiflora</i> (Annual Veldt Grass)	Y		
1418.	822 <i>Eleocharis acuta</i> (Common Spikerush)			
1419.	352 <i>Eleusine coracana</i> (Indian Millet)	Y		
1420.	1643 <i>Elythranthera brunonis</i> (Purple Enamel Orchid)			
1421.	1644 <i>Elythranthera emarginata</i> (Pink Enamel Orchid)			
1422.	1645 <i>Epiblema grandiflorum</i> (Babe-in-a-cradle)			
1423.	376 <i>Eragrostis curvula</i> (African Lovegrass)	Y		
1424.	379 <i>Eragrostis elongata</i> (Clustered Lovegrass)			
1425.	1646 <i>Eriochilus dilatatus</i> (White Bunny Orchid)			
1426.	15412 <i>Eriochilus dilatatus</i> subsp. <i>multiflorus</i>			
1427.	835 <i>Evandra pauciflora</i>			
1428.	894 <i>Fimbristylis velata</i>			
1429.	902 <i>Gahnia decomposita</i>			
1430.	907 <i>Gahnia trifida</i> (Coast Saw-sedge)			
1431.	48169 <i>Geissorhiza aspera</i>	Y		Y
1432.	1518 <i>Gladiolus angustus</i> (Long Tubed Painted Lady)	Y		
1433.	17043 <i>Glyceria declinata</i>	Y		
1434.	1465 <i>Haemodorum discolor</i>			
1435.	1468 <i>Haemodorum laxum</i>			
1436.	1469 <i>Haemodorum loratum</i>		P3	
1437.	1470 <i>Haemodorum paniculatum</i> (Mardja)			
1438.	1473 <i>Haemodorum simulans</i>			
1439.	1475 <i>Haemodorum spicatum</i> (Mardja)			
1440.	439 <i>Hemarthria uncinata</i> (Matgrass)			
1441.	444 <i>Holcus lanatus</i> (Yorkshire Fog)	Y		
1442.	445 <i>Holcus setiger</i> (Annual Fog)	Y		
1443.	450 <i>Hordeum marinum</i>	Y		
1444.	43505 <i>Hyacinthoides non-scripta</i>	Y		
1445.	452 <i>Hyparrhenia hirta</i> (Tambookie Grass)	Y		
1446.	1070 <i>Hypolaena exsulca</i>			
1447.	1071 <i>Hypolaena fastigiata</i>			
1448.	910 <i>Isolepis cernua</i> (Nodding Club-rush)			
1449.	20199 <i>Isolepis cernua</i> var. <i>cernua</i>			
1450.	20200 <i>Isolepis cernua</i> var. <i>setiformis</i>			
1451.	914 <i>Isolepis hookeriana</i> (Bristle Club Rush)			
1452.	917 <i>Isolepis marginata</i> (Coarse Club-rush)			
1453.	10831 <i>Isolepis prolifera</i> (Budding Club-rush)	Y		
1454.	924 <i>Isolepis stellata</i> (Star Club-rush)			
1455.	1295 <i>Johnsonia acaulis</i>			
1456.	1297 <i>Johnsonia lupulina</i> (Hooded Lily)			
1457.	1176 <i>Juncus aridicola</i>			
1458.	1177 <i>Juncus articulatus</i> (Jointed Rush)	Y		
1459.	1178 <i>Juncus bufonius</i> (Toad Rush)	Y		
1460.	8329 <i>Juncus gregiflorus</i>			
1461.	1184 <i>Juncus holoschoenus</i> (Jointleaf Rush)			
1462.	1188 <i>Juncus pallidus</i> (Pale Rush)			
1463.	1190 <i>Juncus planifolius</i> (Broadleaf Rush)			
1464.	1191 <i>Juncus polyanthemus</i>	Y		
1465.	1195 <i>Juncus subsecundus</i> (Finger Rush)			
1466.	1196 <i>Juncus usitatus</i> (Common Rush)	Y		
1467.	1221 <i>Kingia australis</i> (Kingia, Pulonok)			
1468.	19707 <i>Lachenalia mutabilis</i>	Y		
1469.	20019 <i>Lachnagrostis filiformis</i>			
1470.	19955 <i>Lachnagrostis plebeia</i>			
1471.	1307 <i>Laxmannia ramosa</i> (Branching Lily)			
1472.	1309 <i>Laxmannia squarrosa</i>			
1473.	925 <i>Lepidosperma angustatum</i>			
1474.	929 <i>Lepidosperma carphoides</i> (Black Rapier Sedge)			
1475.	931 <i>Lepidosperma drummondii</i>			
1476.	936 <i>Lepidosperma leptostachyum</i>			
1477.	937 <i>Lepidosperma longitudinale</i> (Pithy Sword-sedge)			
1478.	940 <i>Lepidosperma pubisquameum</i>			
1479.	944 <i>Lepidosperma scabrum</i>			
1480.	<i>Lepidosperma</i> sp.			
1481.	945 <i>Lepidosperma squamatum</i>			
1482.	947 <i>Lepidosperma tenue</i>			
1483.	948 <i>Lepidosperma tetraquetrum</i>			
1484.	949 <i>Lepidosperma tuberculatum</i>			

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1485.	1653 <i>Leporella fimbriata</i> (Hare Orchid)			
1486.	1077 <i>Leptocarpus canus</i> (Hoary Twine-rush)			
1487.	1078 <i>Leptocarpus coangustatus</i>			
1488.	46375 <i>Leptocarpus decipiens</i>			
1489.	19833 <i>Leptocarpus laxus</i>			
1490.	46382 <i>Leptocarpus roycei</i>			
1491.	1080 <i>Leptocarpus scariosus</i>			
1492.	1082 <i>Leptocarpus tenax</i> (Slender Twine Rush)			
1493.	46383 <i>Leptocarpus tephrius</i>			
1494.	15418 <i>Leptoceras menziesii</i>			
1495.	1085 <i>Lepyrodia glauca</i>			
1496.	1088 <i>Lepyrodia macra</i> (Large Scale Rush)			
1497.	1090 <i>Lepyrodia muirii</i>			
1498.	1493 <i>Leucojum aestivum</i> (Snowflake)	Y		
1499.	44571 <i>Lilium candidum</i>	Y		
1500.	476 <i>Lolium perenne</i> (Perennial Ryegrass)	Y		
1501.	11073 <i>Lolium x hybridum</i>	Y		
1502.	1222 <i>Lomandra brittanii</i>			
1503.	1223 <i>Lomandra caespitosa</i> (Tufted Mat Rush)			
1504.	1225 <i>Lomandra drummondii</i>			
1505.	1228 <i>Lomandra hermaphrodita</i>			
1506.	1229 <i>Lomandra integra</i>			
1507.	1232 <i>Lomandra micrantha</i> (Small-flower Mat-rush)			
1508.	14542 <i>Lomandra micrantha</i> subsp. <i>micrantha</i>			
1509.	1234 <i>Lomandra nigricans</i>			
1510.	1238 <i>Lomandra pauciflora</i>			
1511.	1239 <i>Lomandra preissii</i>			
1512.	1240 <i>Lomandra purpurea</i> (Purple Mat Rush)			
1513.	1243 <i>Lomandra sericea</i> (Silky Mat Rush)			
1514.	1244 <i>Lomandra sonderi</i>			
1515.	<i>Lomandra</i> sp.			
1516.	1246 <i>Lomandra suaveolens</i>			
1517.	1092 <i>Loxocarya cinerea</i>			
1518.	1198 <i>Luzula meridionalis</i> (Field Woodrush)			
1519.	1097 <i>Lyginia barbata</i>			
1520.	18049 <i>Lyginia imberbis</i>			
1521.	14985 <i>Melinis repens</i>	Y		
1522.	953 <i>Mesomelaena graciliceps</i>			
1523.	957 <i>Mesomelaena tetragona</i> (Semaphore Sedge)			
1524.	1657 <i>Microtis alba</i> (White Mignonette Orchid)			
1525.	1658 <i>Microtis atrata</i> (Swamp Mignonette Orchid)			
1526.	15419 <i>Microtis media</i> subsp. <i>media</i>			
1527.	19179 <i>Moraea flaccida</i> (One-leaf Cape Tulip)	Y		
1528.	19178 <i>Moraea lewisiae</i>	Y		
1529.	44496 <i>Narcissus tazetta</i> subsp. <i>italicus</i>	Y		
1530.	44495 <i>Narcissus tazetta</i> subsp. <i>tazetta</i>	Y		
1531.	492 <i>Neurachne alopecuroidea</i> (Foxtail Mulga Grass)			
1532.	11749 <i>Orthosanthus laxus</i> var. <i>laxus</i> (Morning Iris)			
1533.	499 <i>Oryza sativa</i> (Rice)	Y		
1534.	1667 <i>Paracaleana nigrita</i> (Flying Duck Orchid)			
1535.	527 <i>Paspalum dilatatum</i>	Y		
1536.	528 <i>Paspalum distichum</i> (Water Couch)	Y		
1537.	532 <i>Paspalum urvillei</i> (Vasey Grass)	Y		
1538.	1542 <i>Patersonia babianoides</i>			
1539.	1546 <i>Patersonia juncea</i> (Rush Leaved Patersonia)			
1540.	1550 <i>Patersonia occidentalis</i> (Purple Flag, Koma)			
1541.	30471 <i>Patersonia occidentalis</i> var. <i>angustifolia</i>			
1542.	30472 <i>Patersonia occidentalis</i> var. <i>occidentalis</i>			
1543.	1551 <i>Patersonia pygmaea</i> (Pygmy Patersonia)			
1544.	1553 <i>Patersonia umbrosa</i> (Yellow Flags)			
1545.	43760 <i>Pauridia occidentalis</i>			
1546.	43762 <i>Pauridia occidentalis</i> var. <i>quadriloba</i>			
1547.	43782 <i>Pauridia vaginata</i> var. <i>vaginata</i>			
1548.	40422 <i>Pentameris pallida</i>	Y		
1549.	548 <i>Phalaris aquatica</i> (Phalaris)	Y		
1550.	551 <i>Phalaris minor</i> (Lesser Canary Grass)	Y		
1551.	552 <i>Phalaris paradoxa</i> (Paradoxa Grass)	Y		
1552.	1173 <i>Philydrella pygmaea</i> (Butterfly Flowers)			
1553.	1478 <i>Phlebocarya ciliata</i>			
1554.	43506 <i>Phormium tenax</i>	Y		

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1555.	573 <i>Poa drummondiana</i> (Knotted Poa)			
1556.	575 <i>Poa homomalla</i>			
1557.	578 <i>Poa porphyroclados</i>			
1558.	582 <i>Polypogon monspeliensis</i> (Annual Beardgrass)	Y		
1559.	105 <i>Posidonia coriacea</i>			
1560.	106 <i>Posidonia denhartogii</i>			
1561.	111 <i>Potamogeton ochreateus</i> (Blunt Pondweed)			
1562.	15424 <i>Præcoxanthus aphyllus</i>			
1563.	1668 <i>Prasophyllum brownii</i>			
1564.	1669 <i>Prasophyllum cyphochilum</i> (Pouched Leek Orchid)			
1565.	1670 <i>Prasophyllum drummondii</i> (Swamp Leek Orchid)			
1566.	1671 <i>Prasophyllum elatum</i> (Tall Leek Orchid)			
1567.	1672 <i>Prasophyllum fimbria</i> (Fringed Leek Orchid)			
1568.	10885 <i>Prasophyllum gracillimum</i> (Slender Leek Orchid)			Y
1569.	1676 <i>Prasophyllum hians</i> (Yawning Leek Orchid)			
1570.	1677 <i>Prasophyllum macrostachyum</i> (Laughing Leek Orchid)			
1571.	1679 <i>Prasophyllum ovale</i> (Little Leek Orchid)			
1572.	1680 <i>Prasophyllum parvifolium</i> (Autumn Leek Orchid)			
1573.	<i>Pterostylis</i> aff. <i>nana</i>			
1574.	48675 <i>Pterostylis atosanguinea</i>			
1575.	1686 <i>Pterostylis barbata</i> (Bird Orchid)			
1576.	31731 <i>Pterostylis frenchii</i>		P2	
1577.	1693 <i>Pterostylis recurva</i> (Jug Orchid)			
1578.	12217 <i>Pterostylis sanguinea</i>			
1579.	1697 <i>Pterostylis scabra</i> (Bronze Shell Orchid)			
1580.	<i>Pterostylis</i> sp.			
1581.	18655 <i>Pterostylis</i> sp. crinkled leaf (G.J. Keighery 13426)			
1582.	1698 <i>Pterostylis vittata</i> (Banded Greenhood)			
1583.	591 <i>Puccinellia ciliata</i> (Puccinellia)	Y		
1584.	16367 <i>Pyrorchis nigricans</i> (Red beaks, Elephants ears)			
1585.	11544 <i>Romulea rosea</i> var. <i>australis</i> (Guildford Grass)	Y		
1586.	40425 <i>Rytidosperma caespitosum</i>			
1587.	40426 <i>Rytidosperma occidentale</i>			
1588.	40430 <i>Rytidosperma pilosum</i>			
1589.	40427 <i>Rytidosperma setaceum</i>			
1590.	973 <i>Schoenus asperocarpus</i> (Poison Sedge)			
1591.	978 <i>Schoenus brevisetis</i>			
1592.	979 <i>Schoenus caespititius</i>			
1593.	983 <i>Schoenus cruentus</i>			
1594.	984 <i>Schoenus curvifolius</i>			
1595.	985 <i>Schoenus discifer</i>			
1596.	986 <i>Schoenus efoliatus</i>			
1597.	991 <i>Schoenus grammatophyllus</i>			
1598.	994 <i>Schoenus humilis</i>			
1599.	1006 <i>Schoenus odontocarpus</i>			
1600.	17614 <i>Schoenus plumosus</i>			
1601.	1013 <i>Schoenus sculptus</i> (Gimlet Bog-rush)			
1602.	17731 <i>Schoenus</i> sp. Waroona (G.J. Keighery 12235)		P3	
1603.	1020 <i>Schoenus sublateralis</i>			
1604.	1023 <i>Schoenus tenellus</i>			
1605.	1026 <i>Schoenus unispiculatus</i>			
1606.	608 <i>Setaria italica</i> (Italian Millet)	Y		
1607.	11880 <i>Setaria pumila</i> subsp. <i>pumila</i>	Y		
1608.	8519 <i>Sisyrinchium micranthum</i> (Scourweed)	Y		
1609.	617 <i>Sorghum halepense</i> (Johnson Grass)	Y		
1610.	1312 <i>Sowerbaea laxiflora</i> (Purple Tassels)			
1611.	1558 <i>Sparaxis bulbifera</i>	Y		
1612.	14917 <i>Sporadanthus rivularis</i>			
1613.	8710 <i>Sporobolus africanus</i> (Parramatta Grass)	Y		
1614.	636 <i>Stenotaphrum secundatum</i> (Buffalo Grass)	Y		
1615.	1260 <i>Styandra glauca</i> (Blind Grass)			
1616.	1033 <i>Tetraria australiensis</i>		T	
1617.	1034 <i>Tetraria capillaris</i> (Hair Sedge)			
1618.	1036 <i>Tetraria octandra</i>			
1619.	35579 <i>Tetraria</i> sp. Jarrah Forest (R. Davis 7391)			
1620.	33282 <i>Tetraria</i> sp. Nannup (P.A. Jurjevich 1133)		P1	
1621.	667 <i>Tetrarrhena laevis</i> (Forest Ricegrass)			
1622.	1701 <i>Thelymitra antennifera</i> (Vanilla Orchid)			
1623.	10856 <i>Thelymitra benthamiana</i> (Leopard Orchid)			
1624.	1705 <i>Thelymitra crinita</i> (Blue Lady Orchid)			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
1625.	1707 <i>Thelymitra flexuosa</i> (Twisted Sun Orchid)			
1626.	11143 <i>Thelymitra graminea</i>			
1627.	1710 <i>Thelymitra mucida</i> (Plum Orchid)			
1628.	20730 <i>Thelymitra paludosa</i>			
1629.	<i>Thelymitra</i> sp.			
1630.	20731 <i>Thelymitra vulgaris</i>			
1631.	673 <i>Themeda triandra</i>			
1632.	1318 <i>Thysanotus arbuscula</i>			
1633.	1328 <i>Thysanotus dichotomus</i> (Branching Fringe Lily)			
1634.	1330 <i>Thysanotus fastigiatus</i>			
1635.	1338 <i>Thysanotus manglesianus</i> (Fringed Lily)			
1636.	1339 <i>Thysanotus multiflorus</i> (Many-flowered Fringe Lily)			
1637.	1343 <i>Thysanotus patersonii</i>			
1638.	1345 <i>Thysanotus pseudojunceus</i>			
1639.	1351 <i>Thysanotus sparteus</i>			
1640.	1354 <i>Thysanotus tenellus</i>			
1641.	1357 <i>Thysanotus thyrsoides</i>			
1642.	11112 <i>Tribolium uniolae</i>	Y		
1643.	1481 <i>Tribonanthes australis</i> (Southern Tiurmdin)			
1644.	1482 <i>Tribonanthes brachypetala</i> (Nodding Tiurmdin)			
1645.	1485 <i>Tribonanthes violacea</i> (Violet Tiurmdin)			
1646.	1361 <i>Tricoryne elatior</i> (Yellow Autumn Lily)			
1647.	1362 <i>Tricoryne humilis</i>			
1648.	1363 <i>Tricoryne tenella</i>			
1649.	1038 <i>Tricostularia neesii</i>			
1650.	147 <i>Triglochin mucronata</i>			
1651.	18587 <i>Triglochin nana</i>			
1652.	98 <i>Typha domingensis</i> (Bulrush, Djandjíd)			
1653.	722 <i>Vulpia bromoides</i> (Squirrel Tail Fescue)	Y		
1654.	13103 <i>Watsonia borbonica</i>	Y		
1655.	18375 <i>Watsonia knysnana</i>	Y		
1656.	1567 <i>Watsonia meriana</i> (Bulbil Watsonia)	Y		
1657.	18118 <i>Watsonia meriana</i> var. <i>meriana</i>	Y		
1658.	12072 <i>Wurmbea dioica</i> subsp. <i>alba</i>			
1659.	1249 <i>Xanthorrhoea acanthostachya</i>			
1660.	1253 <i>Xanthorrhoea gracilis</i> (Graceful Grass Tree, Mimidi)			
1661.	1256 <i>Xanthorrhoea preissii</i> (Grass tree, Palga)			
1662.	15819 <i>Xyris atrovirida</i>			
1663.	1149 <i>Xyris lacera</i>			
1664.	16992 <i>Yucca aloifolia</i>	Y		
Pteridophyte (Fern)				
1665.	61 <i>Asplenium aethiopicum</i> (Forked Spleenwort)			
1666.	31 <i>Cheilanthes austrotenuifolia</i>			
1667.	51 <i>Cyathea cooperi</i>	Y		
1668.	11 <i>Isoetes drummondii</i> (Quillwort)			
1669.	<i>Lens culinaris</i>			
1670.	59 <i>Lindsaea linearis</i> (Screw Fern)			
1671.	18631 <i>Marsilea costulifera</i>			
1672.	17 <i>Ophioglossum lusitanicum</i> (Adders Tongue)			
1673.	4 <i>Phylloglossum drummondii</i> (Pigmy Clubmoss)			
1674.	78 <i>Pilularia novae-hollandiae</i> (Austral Pillwort)			
1675.	66 <i>Pleurosorus subglandulosus</i>			
1676.	41651 <i>Pteridium esculentum</i> subsp. <i>esculentum</i>			
1677.	17730 <i>Pteris tremula</i>			
1678.	79 <i>Salvinia molesta</i> (Salvinia)	Y		
1679.	16981 <i>Schizaea rupestris</i>		P2	
1680.	6 <i>Selaginella gracillima</i> (Tiny Clubmoss)			
Reptile				
1681.	42368 <i>Acritoscincus trilineatus</i> (Western Three-lined Skink)			
1682.	24990 <i>Aprasia pulchella</i> (Granite Worm-lizard)			
1683.	24991 <i>Aprasia repens</i> (Sand-plain Worm-lizard)			
1684.	43380 <i>Chelodina colliei</i> (South-western Snake-necked Turtle)			
1685.	24980 <i>Christinus marmoratus</i> (Marbled Gecko)			
1686.	25456 <i>Crenadactylus ocellatus</i> (Clawless Gecko)			
1687.	24918 <i>Crenadactylus ocellatus</i> subsp. <i>ocellatus</i> (Clawless Gecko)			
1688.	30893 <i>Cryptoblepharus buchananii</i>			
1689.	25020 <i>Cryptoblepharus plagiocephalus</i>			
1690.	30899 <i>Ctenophorus adelaidensis</i> (Southern Heath Dragon, Western Heath Dragon)			
1691.	25027 <i>Ctenopus australis</i>			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
1692.	25039 <i>Ctenotus fallens</i>			
1693.	25047 <i>Ctenotus impar</i>			
1694.	25049 <i>Ctenotus labillardieri</i>			
1695.	41641 <i>Ctenotus ora</i> (Coastal Plains Skink)		P3	
1696.	25074 <i>Ctenotus schomburgkii</i>			
1697.	25766 <i>Delma fraseri</i> (Fraser's Legless Lizard)			
1698.	25296 <i>Demansia psammophis</i> subsp. <i>reticulata</i> (Yellow-faced Whipsnake)			
1699.	24939 <i>Diplodactylus polyophthalmus</i>			
1700.	25092 <i>Egernia depressa</i> (Southern Pygmy Spiny-tailed Skink)			
1701.	25096 <i>Egernia kingii</i> (King's Skink)			
1702.	25100 <i>Egernia napoleonis</i>			
1703.	25250 <i>Elapognathus coronatus</i> (Crowned Snake)			
1704.	30919 <i>Hemiergis gracilipes</i> (skink)			
1705.	25474 <i>Hemiergis initialis</i>			
1706.	25115 <i>Hemiergis initialis</i> subsp. <i>initialis</i>			
1707.	25117 <i>Hemiergis peronii</i> subsp. <i>peronii</i>			
1708.	25119 <i>Hemiergis quadrilineata</i>			
1709.	25128 <i>Lerista christinae</i>			
1710.	25131 <i>Lerista distinguenda</i>			
1711.	25133 <i>Lerista elegans</i>			
1712.	25154 <i>Lerista microtis</i> subsp. <i>microtis</i>			
1713.	25165 <i>Lerista praepedita</i>			
1714.	25005 <i>Lialis burtonis</i>			
1715.	41416 <i>Liopholis pulchra</i> subsp. <i>pulchra</i> (South-western Rock Skink, Spectacled Rock Skink)			
1716.	42413 <i>Lissolepis luctuosa</i> (Western Swamp Skink)			
1717.	25184 <i>Menetia greyii</i>			
1718.	25240 <i>Morelia spilota</i> subsp. <i>imbricata</i> (Carpet Python)			
1719.	25190 <i>Morethia butleri</i>			
1720.	25191 <i>Morethia lineocellata</i>			
1721.	25192 <i>Morethia obscura</i>			
1722.	25248 <i>Neelaps bimaculatus</i> (Black-naped Snake)			
1723.	25252 <i>Notechis scutatus</i> (Tiger Snake)			
1724.	25253 <i>Parasuta gouldii</i>			
1725.	25255 <i>Parasuta nigriceps</i>			
1726.	25510 <i>Pogona minor</i> (Dwarf Bearded Dragon)			
1727.	24907 <i>Pogona minor</i> subsp. <i>minor</i> (Dwarf Bearded Dragon)			
1728.	25511 <i>Pseudonaja affinis</i> (Dugite)			
1729.	25259 <i>Pseudonaja affinis</i> subsp. <i>affinis</i> (Dugite)			
1730.	42416 <i>Pseudonaja mengdeni</i> (Western Brown Snake)			
1731.	25008 <i>Pygopus lepidopodus</i> (Common Scaly Foot)			
1732.	25266 <i>Simoselaps bertholdi</i> (Jan's Banded Snake)			
1733.	25518 <i>Strophurus spinigerus</i>			
1734.	25519 <i>Tiliqua rugosa</i>			
1735.	25204 <i>Tiliqua rugosa</i> subsp. <i>aspera</i>			
1736.	25207 <i>Tiliqua rugosa</i> subsp. <i>rugosa</i>			
1737.	24983 <i>Underwoodisaurus millii</i> (Barking Gecko)			
1738.	25218 <i>Varanus gouldii</i> (Bungarra or Sand Monitor)			
1739.	25225 <i>Varanus rosenbergi</i> (Heath Monitor)			
1740.	25227 <i>Varanus tristis</i> subsp. <i>tristis</i> (Racehorse Monitor)			

Conservation Codes

- T - Rare or likely to become extinct
- X - Presumed extinct
- IA - Protected under international agreement
- S - Other specially protected fauna
- 1 - Priority 1
- 2 - Priority 2
- 3 - Priority 3
- 4 - Priority 4
- 5 - Priority 5

¹ For NatureMap's purposes, species flagged as endemic are those whose records are wholly contained within the search area. Note that only those records complying with the search criterion are included in the calculation. For example, if you limit records to those from a specific datasource, only records from that datasource are used to determine if a species is restricted to the query area.

Appendix 2: Protected Matters Search Tool Report



EPBC Act Protected Matters Report

This report provides general guidance on matters of national environmental significance and other matters protected by the EPBC Act in the area you have selected.

Information on the coverage of this report and qualifications on data supporting this report are contained in the caveat at the end of the report.

Information is available about [Environment Assessments](#) and the EPBC Act including significance guidelines, forms and application process details.

Report created: 24/11/20 15:54:31

[Summary](#)

[Details](#)

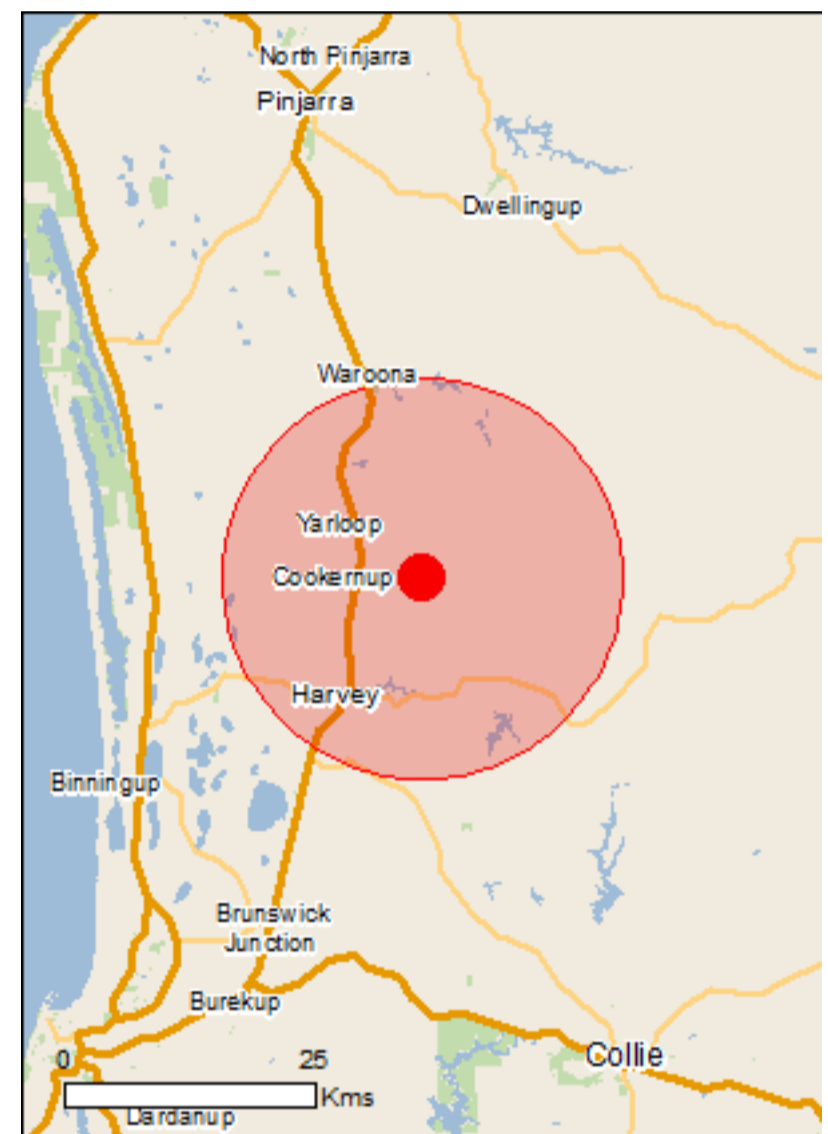
[Matters of NES](#)

[Other Matters Protected by the EPBC Act](#)

[Extra Information](#)

[Caveat](#)

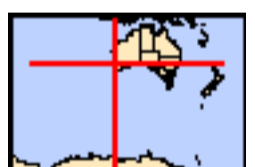
[Acknowledgements](#)



This map may contain data which are
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[Coordinates](#)

Buffer: 20.0Km



Summary

Matters of National Environmental Significance

This part of the report summarises the matters of national environmental significance that may occur in, or may relate to, the area you nominated. Further information is available in the detail part of the report, which can be accessed by scrolling or following the links below. If you are proposing to undertake an activity that may have a significant impact on one or more matters of national environmental significance then you should consider the [Administrative Guidelines on Significance](#).

World Heritage Properties:	None
National Heritage Places:	None
Wetlands of International Importance:	1
Great Barrier Reef Marine Park:	None
Commonwealth Marine Area:	None
Listed Threatened Ecological Communities:	4
Listed Threatened Species:	32
Listed Migratory Species:	9

Other Matters Protected by the EPBC Act

This part of the report summarises other matters protected under the Act that may relate to the area you nominated. Approval may be required for a proposed activity that significantly affects the environment on Commonwealth land, when the action is outside the Commonwealth land, or the environment anywhere when the action is taken on Commonwealth land. Approval may also be required for the Commonwealth or Commonwealth agencies proposing to take an action that is likely to have a significant impact on the environment anywhere.

The EPBC Act protects the environment on Commonwealth land, the environment from the actions taken on Commonwealth land, and the environment from actions taken by Commonwealth agencies. As heritage values of a place are part of the 'environment', these aspects of the EPBC Act protect the Commonwealth Heritage values of a Commonwealth Heritage place. Information on the new heritage laws can be found at <http://www.environment.gov.au/heritage>

A [permit](#) may be required for activities in or on a Commonwealth area that may affect a member of a listed threatened species or ecological community, a member of a listed migratory species, whales and other cetaceans, or a member of a listed marine species.

Commonwealth Land:	1
Commonwealth Heritage Places:	None
Listed Marine Species:	15
Whales and Other Cetaceans:	None
Critical Habitats:	None
Commonwealth Reserves Terrestrial:	None
Australian Marine Parks:	None

Extra Information

This part of the report provides information that may also be relevant to the area you have nominated.

State and Territory Reserves:	11
Regional Forest Agreements:	1
Invasive Species:	29
Nationally Important Wetlands:	None
Key Ecological Features (Marine)	None

Details

Matters of National Environmental Significance

Wetlands of International Importance (Ramsar)

[\[Resource Information \]](#)

Name	Proximity
Peel-yalgorup system	Within 10km of Ramsar

Listed Threatened Ecological Communities

[\[Resource Information \]](#)

For threatened ecological communities where the distribution is well known, maps are derived from recovery plans, State vegetation maps, remote sensing imagery and other sources. Where threatened ecological community distributions are less well known, existing vegetation maps and point location data are used to produce indicative distribution maps.

Name	Status	Type of Presence
Banksia Woodlands of the Swan Coastal Plain ecological community	Endangered	Community likely to occur within area
Clay Pans of the Swan Coastal Plain	Critically Endangered	Community likely to occur within area
Corymbia calophylla - Xanthorrhoea preissii woodlands and shrublands of the Swan Coastal Plain	Endangered	Community known to occur within area
Tuart (Eucalyptus gomphocephala) Woodlands and Forests of the Swan Coastal Plain ecological community	Critically Endangered	Community likely to occur within area

Listed Threatened Species

[\[Resource Information \]](#)

Name	Status	Type of Presence
Birds		
Atrichornis clamosus Noisy Scrub-bird, Tjimiluk [654]	Endangered	Species or species habitat may occur within area
Botaurus poiciloptilus Australasian Bittern [1001]	Endangered	Species or species habitat known to occur within area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area
Calyptorhynchus banksii naso Forest Red-tailed Black-Cockatoo, Karrak [67034]	Vulnerable	Species or species habitat known to occur within area
Calyptorhynchus baudinii Baudin's Cockatoo, Long-billed Black-Cockatoo [769]	Endangered	Species or species habitat known to occur within area
Calyptorhynchus latirostris Carnaby's Cockatoo, Short-billed Black-Cockatoo [59523]	Endangered	Species or species habitat known to occur within area
Falco hypoleucos Grey Falcon [929]	Vulnerable	Species or species habitat may occur within area
Leipoa ocellata Malleefowl [934]	Vulnerable	Species or species habitat likely to occur within area

Name	Status	Type of Presence
Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat may occur within area
Rostratula australis Australian Painted Snipe [77037]	Endangered	Species or species habitat likely to occur within area
Fish		
Galaxiella nigrostriata Blackstriped Dwarf Galaxias, Black-stripe Minnow [88677]	Endangered	Species or species habitat may occur within area
Mammals		
Bettongia penicillata ogilbyi Woylie [66844]	Endangered	Species or species habitat known to occur within area
Dasyurus geoffroii Chuditch, Western Quoll [330]	Vulnerable	Species or species habitat known to occur within area
Pseudocheirus occidentalis Western Ringtail Possum, Ngwayir, Womp, Woder, Ngoor, Ngoolangit [25911]	Critically Endangered	Species or species habitat known to occur within area
Setonix brachyurus Quokka [229]	Vulnerable	Species or species habitat known to occur within area
Other		
Westralunio carteri Carter's Freshwater Mussel, Freshwater Mussel [86266]	Vulnerable	Species or species habitat known to occur within area
Plants		
Andersonia gracilis Slender Andersonia [14470]	Endangered	Species or species habitat likely to occur within area
Anthocercis gracilis Slender Tailflower [11103]	Vulnerable	Species or species habitat may occur within area
Caladenia huegelii King Spider-orchid, Grand Spider-orchid, Rusty Spider-orchid [7309]	Endangered	Species or species habitat likely to occur within area
Diuris drummondii Tall Donkey Orchid [4365]	Vulnerable	Species or species habitat likely to occur within area
Diuris micrantha Dwarf Bee-orchid [55082]	Vulnerable	Species or species habitat likely to occur within area
Diuris purdiei Purdie's Donkey-orchid [12950]	Endangered	Species or species habitat known to occur within area
Drakaea elastica Glossy-leaved Hammer Orchid, Glossy-leaved Hammer Orchid, Warty Hammer Orchid [16753]	Endangered	Species or species habitat known to occur within area
Drakaea micrantha Dwarf Hammer-orchid [56755]	Vulnerable	Species or species habitat likely to occur within area
Eleocharis keigheryi Keighery's Eleocharis [64893]	Vulnerable	Species or species habitat likely to occur within area

Name	Status	Type of Presence
Lambertia echinata subsp. occidentalis Western Prickly Honeysuckle [64528]	Endangered	Species or species habitat may occur within area
Lasiopetalum pterocarpum Wing-fruited Lasiopetalum [64922]	Endangered	Species or species habitat may occur within area
Synaphea sp. Fairbridge Farm (D. Papenfus 696) Selena's Synaphea [82881]	Critically Endangered	Species or species habitat likely to occur within area
Synaphea sp. Pinjarra Plain (A.S. George 17182) [86878]	Endangered	Species or species habitat may occur within area
Synaphea sp. Serpentine (G.R. Brand 103) [86879]	Critically Endangered	Species or species habitat known to occur within area
Synaphea stenoloba Dwellingup Synaphea [66311]	Endangered	Species or species habitat known to occur within area
Tetraria australiensis Southern Tetraria [10137]	Vulnerable	Species or species habitat likely to occur within area

Listed Migratory Species

[[Resource Information](#)]

* Species is listed under a different scientific name on the EPBC Act - Threatened Species list.

Name	Threatened	Type of Presence
Migratory Marine Birds		
Apus pacificus Fork-tailed Swift [678]		Species or species habitat likely to occur within area
Migratory Terrestrial Species		
Motacilla cinerea Grey Wagtail [642]		Species or species habitat may occur within area
Migratory Wetlands Species		
Actitis hypoleucos Common Sandpiper [59309]		Species or species habitat likely to occur within area
Calidris acuminata Sharp-tailed Sandpiper [874]		Species or species habitat likely to occur within area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area
Calidris melanotos Pectoral Sandpiper [858]		Species or species habitat may occur within area
Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat may occur within area
Pandion haliaetus Osprey [952]		Species or species habitat likely to occur within area
Tringa nebularia Common Greenshank, Greenshank [832]		Species or species habitat likely to occur within area

Other Matters Protected by the EPBC Act

Commonwealth Land

[[Resource Information](#)]

The Commonwealth area listed below may indicate the presence of Commonwealth land in this vicinity. Due to the unreliability of the data source, all proposals should be checked as to whether it impacts on a Commonwealth area, before making a definitive decision. Contact the State or Territory government land department for further information.

Name

Commonwealth Land -

Listed Marine Species

[[Resource Information](#)]

* Species is listed under a different scientific name on the EPBC Act - Threatened Species list.

Name	Threatened	Type of Presence
Birds		
Actitis hypoleucos Common Sandpiper [59309]		Species or species habitat likely to occur within area
Apus pacificus Fork-tailed Swift [678]		Species or species habitat likely to occur within area
Ardea alba Great Egret, White Egret [59541]		Species or species habitat known to occur within area
Ardea ibis Cattle Egret [59542]		Species or species habitat may occur within area
Calidris acuminata Sharp-tailed Sandpiper [874]		Species or species habitat likely to occur within area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area
Calidris melanotos Pectoral Sandpiper [858]		Species or species habitat may occur within area
Haliaeetus leucogaster White-bellied Sea-Eagle [943]		Species or species habitat likely to occur within area
Merops ornatus Rainbow Bee-eater [670]		Species or species habitat may occur within area
Motacilla cinerea Grey Wagtail [642]		Species or species habitat may occur within area
Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat may occur within area
Pandion haliaetus Osprey [952]		Species or species habitat likely to occur within area
Rostratula benghalensis (sensu lato) Painted Snipe [889]	Endangered*	Species or species habitat likely to occur within area
Thinornis rubricollis Hooded Plover [59510]		Species or species habitat may occur within area

Name	Threatened	Type of Presence
Tringa nebularia Common Greenshank, Greenshank [832]		Species or species habitat likely to occur within area

Extra Information

State and Territory Reserves [\[Resource Information \]](#)

Name	State
Buller	WA
Falls Brook	WA
Harvey Flats	WA
Korijekup	WA
Lane Poole Reserve	WA
Unnamed WA03525	WA
Unnamed WA03672	WA
Unnamed WA33448	WA
Unnamed WA49730	WA
Wellard	WA
Yarloop	WA

Regional Forest Agreements [\[Resource Information \]](#)

Note that all areas with completed RFAs have been included.

Name	State
South West WA RFA	Western Australia

Invasive Species [\[Resource Information \]](#)

Weeds reported here are the 20 species of national significance (WoNS), along with other introduced plants that are considered by the States and Territories to pose a particularly significant threat to biodiversity. The following feral animals are reported: Goat, Red Fox, Cat, Rabbit, Pig, Water Buffalo and Cane Toad. Maps from Landscape Health Project, National Land and Water Resources Audit, 2001.

Name	Status	Type of Presence
Birds		
Anas platyrhynchos Mallard [974]		Species or species habitat likely to occur within area
Columba livia Rock Pigeon, Rock Dove, Domestic Pigeon [803]		Species or species habitat likely to occur within area
Passer domesticus House Sparrow [405]		Species or species habitat likely to occur within area
Passer montanus Eurasian Tree Sparrow [406]		Species or species habitat likely to occur within area
Streptopelia chinensis Spotted Turtle-Dove [780]		Species or species habitat likely to occur within area
Streptopelia senegalensis Laughing Turtle-dove, Laughing Dove [781]		Species or species habitat likely to occur within area

Name	Status	Type of Presence
Mammals		
Canis lupus familiaris Domestic Dog [82654]		Species or species habitat likely to occur within area
Felis catus Cat, House Cat, Domestic Cat [19]		Species or species habitat likely to occur within area
Feral deer Feral deer species in Australia [85733]		Species or species habitat likely to occur within area
Mus musculus House Mouse [120]		Species or species habitat likely to occur within area
Oryctolagus cuniculus Rabbit, European Rabbit [128]		Species or species habitat likely to occur within area
Rattus rattus Black Rat, Ship Rat [84]		Species or species habitat likely to occur within area
Sus scrofa Pig [6]		Species or species habitat likely to occur within area
Vulpes vulpes Red Fox, Fox [18]		Species or species habitat likely to occur within area
Plants		
Anredera cordifolia Madeira Vine, Jalap, Lamb's-tail, Mignonette Vine, Anredera, Gulf Madeiravine, Heartleaf Madeiravine, Potato Vine [2643]		Species or species habitat likely to occur within area
Asparagus asparagoides Bridal Creeper, Bridal Veil Creeper, Smilax, Florist's Smilax, Smilax Asparagus [22473]		Species or species habitat likely to occur within area
Brachiaria mutica Para Grass [5879]		Species or species habitat may occur within area
Cenchrus ciliaris Buffel-grass, Black Buffel-grass [20213]		Species or species habitat may occur within area
Chrysanthemoides monilifera Bitou Bush, Boneseed [18983]		Species or species habitat may occur within area
Chrysanthemoides monilifera subsp. monilifera Boneseed [16905]		Species or species habitat likely to occur within area
Eichhornia crassipes Water Hyacinth, Water Orchid, Nile Lily [13466]		Species or species habitat likely to occur within area
Genista linifolia Flax-leaved Broom, Mediterranean Broom, Flax Broom [2800]		Species or species habitat likely to occur within area
Genista sp. X Genista monspessulana Broom [67538]		Species or species habitat may occur within area
Lantana camara Lantana, Common Lantana, Kamara Lantana, Large-leaf Lantana, Pink Flowered Lantana, Red		Species or species habitat likely to occur

Name	Status	Type of Presence
Flowered Lantana, Red-Flowered Sage, White Sage, Wild Sage [10892] <i>Lycium ferocissimum</i>		within area
African Boxthorn, Boxthorn [19235]		Species or species habitat likely to occur within area
Olea europaea Olive, Common Olive [9160]		Species or species habitat may occur within area
Pinus radiata Radiata Pine Monterey Pine, Insignis Pine, Wilding Pine [20780]		Species or species habitat may occur within area
Rubus fruticosus aggregate Blackberry, European Blackberry [68406]		Species or species habitat likely to occur within area
Salix spp. except <i>S.babylonica</i> , <i>S.x calodendron</i> & <i>S.x reichardtii</i> Willows except Weeping Willow, Pussy Willow and Sterile Pussy Willow [68497]		Species or species habitat likely to occur within area

Caveat

The information presented in this report has been provided by a range of data sources as acknowledged at the end of the report.

This report is designed to assist in identifying the locations of places which may be relevant in determining obligations under the Environment Protection and Biodiversity Conservation Act 1999. It holds mapped locations of World and National Heritage properties, Wetlands of International and National Importance, Commonwealth and State/Territory reserves, listed threatened, migratory and marine species and listed threatened ecological communities. Mapping of Commonwealth land is not complete at this stage. Maps have been collated from a range of sources at various resolutions.

Not all species listed under the EPBC Act have been mapped (see below) and therefore a report is a general guide only. Where available data supports mapping, the type of presence that can be determined from the data is indicated in general terms. People using this information in making a referral may need to consider the qualifications below and may need to seek and consider other information sources.

For threatened ecological communities where the distribution is well known, maps are derived from recovery plans, State vegetation maps, remote sensing imagery and other sources. Where threatened ecological community distributions are less well known, existing vegetation maps and point location data are used to produce indicative distribution maps.

Threatened, migratory and marine species distributions have been derived through a variety of methods. Where distributions are well known and if time permits, maps are derived using either thematic spatial data (i.e. vegetation, soils, geology, elevation, aspect, terrain, etc) together with point locations and described habitat; or environmental modelling (MAXENT or BIOCLIM habitat modelling) using point locations and environmental data layers.

Where very little information is available for species or large number of maps are required in a short time-frame, maps are derived either from 0.04 or 0.02 decimal degree cells; by an automated process using polygon capture techniques (static two kilometre grid cells, alpha-hull and convex hull); or captured manually or by using topographic features (national park boundaries, islands, etc). In the early stages of the distribution mapping process (1999-early 2000s) distributions were defined by degree blocks, 100K or 250K map sheets to rapidly create distribution maps. More reliable distribution mapping methods are used to update these distributions as time permits.

Only selected species covered by the following provisions of the EPBC Act have been mapped:

- migratory and
- marine

The following species and ecological communities have not been mapped and do not appear in reports produced from this database:

- threatened species listed as extinct or considered as vagrants
- some species and ecological communities that have only recently been listed
- some terrestrial species that overfly the Commonwealth marine area
- migratory species that are very widespread, vagrant, or only occur in small numbers

The following groups have been mapped, but may not cover the complete distribution of the species:

- non-threatened seabirds which have only been mapped for recorded breeding sites
- seals which have only been mapped for breeding sites near the Australian continent

Such breeding sites may be important for the protection of the Commonwealth Marine environment.

Coordinates

-32.99434 115.97431

Acknowledgements

This database has been compiled from a range of data sources. The department acknowledges the following custodians who have contributed valuable data and advice:

- [-Office of Environment and Heritage, New South Wales](#)
- [-Department of Environment and Primary Industries, Victoria](#)
- [-Department of Primary Industries, Parks, Water and Environment, Tasmania](#)
- [-Department of Environment, Water and Natural Resources, South Australia](#)
- [-Department of Land and Resource Management, Northern Territory](#)
- [-Department of Environmental and Heritage Protection, Queensland](#)
- [-Department of Parks and Wildlife, Western Australia](#)
- [-Environment and Planning Directorate, ACT](#)
- [-Birdlife Australia](#)
- [-Australian Bird and Bat Banding Scheme](#)
- [-Australian National Wildlife Collection](#)
- [-Natural history museums of Australia](#)
- [-Museum Victoria](#)
- [-Australian Museum](#)
- [-South Australian Museum](#)
- [-Queensland Museum](#)
- [-Online Zoological Collections of Australian Museums](#)
- [-Queensland Herbarium](#)
- [-National Herbarium of NSW](#)
- [-Royal Botanic Gardens and National Herbarium of Victoria](#)
- [-Tasmanian Herbarium](#)
- [-State Herbarium of South Australia](#)
- [-Northern Territory Herbarium](#)
- [-Western Australian Herbarium](#)
- [-Australian National Herbarium, Canberra](#)
- [-University of New England](#)
- [-Ocean Biogeographic Information System](#)
- [-Australian Government, Department of Defence Forestry Corporation, NSW](#)
- [-Geoscience Australia](#)
- [-CSIRO](#)
- [-Australian Tropical Herbarium, Cairns](#)
- [-eBird Australia](#)
- [-Australian Government – Australian Antarctic Data Centre](#)
- [-Museum and Art Gallery of the Northern Territory](#)
- [-Australian Government National Environmental Science Program](#)
- [-Australian Institute of Marine Science](#)
- [-Reef Life Survey Australia](#)
- [-American Museum of Natural History](#)
- [-Queen Victoria Museum and Art Gallery, Inveresk, Tasmania](#)
- [-Tasmanian Museum and Art Gallery, Hobart, Tasmania](#)
- [-Other groups and individuals](#)

The Department is extremely grateful to the many organisations and individuals who provided expert advice and information on numerous draft distributions.

Please feel free to provide feedback via the [Contact Us](#) page.

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Appendix 3: Conservation Codes

Conservation codes are used to describe the status of species and ecological communities that are no longer common and under threat of extinction. Species and communities can be listed under state legislation and/or commonwealth legislation.

Western Australia

Conservation Code	Name	Description
T	Threatened	Flora or fauna that is rare or likely to become extinct, ranked according to their level of threat using IUCN Red List criteria (Schedules 1-3 of the Wildlife Conservation (Specially Protected Fauna) Notice or the Wildlife Conservation (Rare Flora) Notice)
CR	Critically endangered	Species considered to be facing an extremely high risk of extinction within the wild in the immediate future
EN	Endangered	Species considered to be facing a very high risk of extinction in the wild in the near future
VU	Vulnerable	Species considered to be facing a high risk of extinction in the wild in the medium-term future
EX	Extinct Species	Species where 'there is no reasonable doubt that the last member of the species has died (Schedule 4 of the Wildlife Conservation (Specially Protected Fauna) Notice or the Wildlife Conservation (Rare Flora) Notice)
EW	Extinct in the Wild	Species that are known to only survive in cultivation, in captivity, or as a naturalised population well outside its past range; and it has not been recorded in its known or expected habitat at appropriate seasons anywhere in its past range, despite surveys over a timeframe appropriate to its life cycle and form
MI	Migratory Species	Fauna that periodically or occasionally visit Australia or an external Territory or the exclusive economic zone; or the species is subject of an international agreement that relates to the protection of migratory species and that binds the Commonwealth (Schedule 5 of the Wildlife Conservation (Specially Protected Fauna) Notice)
CD	Conservation Dependent	Species of special conservation interest (conservation dependent fauna), being species dependent on ongoing conservation intervention to prevent it becoming eligible for listing as threatened (Schedule 6 of the Wildlife Conservation (Specially Protected Fauna) Notice)
OS	Specially Protected	Fauna otherwise in need of special protection to ensure their conservation

Conservation Code	Name	Description
		(Schedule 7 of the Wildlife Conservation (Specially Protected Fauna) Notice)
P	Priority Species	Possibly threatened species that do not meet survey criteria, or are otherwise data deficient, are added to the Priority Fauna or Priority Flora Lists under Priorities 1, 2 or 3. These three categories are ranked in order of priority for survey and evaluation of conservation status so that consideration can be given to their declaration as threatened fauna or flora. Species that are adequately known, are rare but not threatened, or meet criteria for near threatened, or that have been recently removed from the threatened species or other specially protected fauna lists for other than taxonomic reasons, are placed in Priority 4. These species require regular monitoring.
P1	Priority One	Poorly known species – Species that are known from one or a few locations (generally five or less) which are potentially at risk. All occurrences are either very small or on lands not managed for conservation, such as road verges, urban areas, farmland, active mineral lease and under threat of habitat destruction or degradation.
2	Priority Two	Poorly known species – Species that are known from one or a few locations (generally five or less), some of which are on lands managed primarily for nature conservation, such as national parks, conservation parks, nature reserves, State forest, vacant Crown land, water reserves and similar.
3	Priority Three	Poorly known species – Species that are known from several locations, and the species does not appear to be under imminent threat, or from few but widespread locations with either large population size or significant remaining areas of apparently suitable habitat, much of it not under imminent threat
4	Priority Four	Rare or near threatened and other species in need of monitoring.



(Source: Department of Biodiversity, Conservation and Attractions, 2020a)



Commonwealth



Category	Description
Critically Endangered	Species facing an extremely high risk of extinction in the wild in the immediate future
Endangered	Species facing a very high risk of extinction in the wild in the near future
Vulnerable	Species facing a high risk of extinction in the wild in the medium term



(Source: Department of Agriculture, Water and the Environment, 2020b)


Appendix 4: Significant Flora Field Guide


Picture	Common Name	Description	Flowering Period	Habitat Type	Cons Code	Likelihood (Y/N)	Comments
 <p><i>Acacia flagelliformis</i> Photos: S.D. Hopper</p>		Rush-like, erect or sprawling shrub, 0.3-0.75(-1.6) m high	Fl. yellow, May to Sep	Sandy soils. Winter-wet areas	P4	N	Unlikely-Habitat not suitable
 <p><i>Acacia horridula</i> Photos: S.J. Patrick & H. Bowler</p>		Harsh, slender, single-stemmed shrub, 0.3-0.6(-1) m high Fl. yellow	May to Aug	Gravelly soils over granite, sand. Rocky hillsides	P3	N	Unlikely-Habitat not suitable



Picture	Common Name	Description	Flowering Period	Habitat Type	Cons Code	Likelihood (Y/N)	Comments
 <p><i>Acacia oncinophylla</i> subsp. <i>patulifolia</i> Photos: S.J. Patrick</p>		Shrub, 0.5-2.5(-3) m high, 'minni-ritchi' bark, phyllodes 4-9 cm long, 3-6 mm wide. Fl. yellow	Aug to Nov or Nov to Dec	Granitic soils, occasionally on laterite	P4	Y	Habitat may be suitable
 <p><i>Acacia semitrullata</i> Photos: S.D. Hopper</p>		Slender, erect, pungent shrub, (0.1-)0.2-0.7(-1.5) m high. Fl. cream-white	May to Oct	White/grey sand, sometimes over laterite, clay. Sandplains, swampy areas	P4	Y	Habitat may be suitable
<i>Actinotus repens</i>					P3	N	Unable to access
<i>Amanita fibrillopes</i>					P3	N	Unable to access



Picture	Common Name	Description	Flowering Period	Habitat Type	Cons Code	Likelihood (Y/N)	Comments
 <p><i>Andersonia gracilis</i> Photos: K. Atkins & M. Hislop</p>		Slender erect or open straggly shrub, 0.1-0.5(-1) m high. Fl. white-pink-purple	Sep to Nov	White/grey sand, sandy clay, gravelly loam. Winter-wet areas, near swamps	E	Y	Habitat may be suitable
<p><i>Angianthus drummondii</i></p>		Erect annual, herb, to 0.1 m high. Fl. yellow	Oct to Dec	Grey or brown clay soils, ironstone. Seasonally wet flats	P3	N	Unlikely-habitat not suitable
 <p><i>Anthocercis gracilis</i> Photos: S.D. Hopper & J.L. Robson</p>	Slender Tailflower	Erect, spindly shrub, to 0.6(-1) m high. Fl. yellow-green	Sep to Oct	Sandy or loamy soils. Granite outcrops	T / VU	N	Unlikely-habitat not suitable
<p><i>Boronia capitata subsp. gracilis</i></p>		Slender shrub, 0.3-0.6(-3) m high, branches pilose. Fl. pink	Jun to Nov	White/grey or black sand. Winter-wet	P3	N	Unlikely-habit not suitable



Picture	Common Name	Description	Flowering Period	Habitat Type	Cons Code	Likelihood (Y/N)	Comments
				swamps, hillslopes.			
 <p><i>Boronia tenuis</i> Photos: A.D. Crawford & S.J. Patrick</p>	Blue Boronia	Procumbent or erect & slender shrub, 0.1-0.5 m high. Fl. blue/pink-white	Aug to Nov	Laterite, stony soils, granite	P4	Y	Habitat may be suitable
 <p><i>Caladenia huegellii</i> Photos: I. & M. Greeve & J.L. Robson</p>	Grand Spider Orchid	Tuberous, perennial, herb, 0.25-0.6 m high. Fl. green & cream & red	Sep to Oct.	Grey or brown sand, clay loam	T / E	Y	Habitat may be suitable


Picture	Common Name	Description	Flowering Period	Habitat Type	Cons Code	Likelihood (Y/N)	Comments
 <p><i>Caladenia spectiosa</i> Photos: A.P.Brown</p>		Tuberous, perennial, herb, 0.35-0.6 m high. Fl. white-pink	Sep to Oct	White, grey or black sand	P4	N	Unlikely-habitat not suitable
<i>Caladenia uliginosa subsp. patulens</i>		Tuberous, perennial, herb, 0.2-0.35 m high. Fl. green-cream	Sep to Oct	Clay loam and gravel. Well drained soils amongst dense shrubs	P1	Y	Unlikely-habitat not suitable
<i>Carex tereticaulis</i>		Monoecious, rhizomatous, tufted perennial, grass-like or herb (sedge), 0.7 m high. Fl. brown	Sep to Oct	Black peaty sand	P3	N	Unlikely-habitat not suitable
<i>Chamaescilla gibsonii</i>		Clumped tuberous, herb. Fl. blue	Sep	Clay to sandy clay. Winter-wet flats, shallow water-filled claypans	P3	N	Unlikely-habitat not suitable
<i>Conostylis pauciflora subsp. pauciflora</i>		Rhizomatous, stoloniferous perennial, grass-like or herb, 0.1-0.35 m high. Fl. yellow	Aug to Oct	Grey sand, limestone. Hillslopes	P4	N	Unlikely-habitat not suitable



Picture	Common Name	Description	Flowering Period	Habitat Type	Cons Code	Likelihood (Y/N)	Comments
				consolidated dunes			
	<i>Cyathochaeta teretifolia</i>	Rhizomatous, clumped, robust perennial, grass-like or herb (sedge), to 2 m high, to 1.0 m wide. Fl. brown		Grey sand, sandy clay. Swamps, creek edges	P3	N	Unlikely-habitat not suitable
	<i>Dillwynia dillwynioides</i>	Decumbent or erect, slender shrub, 0.3-1.2 m high. Fl. red & yellow/orange	Aug to Dec	Sandy soils. Winter-wet depressions	P3	N	Unlikely-habitat not suitable
 <p><i>Diuris drummondii</i> Photos: A. P. Brown and I & M Greeve</p>		Tuberous, perennial, herb, 0.5-1.05 m high. Fl. yellow	Nov to Dec or Jan.	Low-lying depressions, swamps	V	N	Unlikely-habitat not suitable

Picture	Common Name	Description	Flowering Period	Habitat Type	Cons Code	Likelihood (Y/N)	Comments
 <p><i>Diuris micrantha</i> Photos: A.P. Brown, I. & M. Greeve & B. Jackson</p>		<p>Tuberous, perennial, herb, 0.3-0.6 m high. Fl. yellow & brown</p>	<p>Sep to Oct.</p>	<p>Brown loamy clay. Winter-wet swamps, in shallow water</p>	<p>V</p>	<p>Y</p>	<p>Habitat may be suitable</p>
 <p><i>Diuris purdiei</i> Photos: I. & M. Greeve & S.D. Hopper</p>	<p>Purdie's Donkey Orchid</p>	<p>Tuberous, perennial, herb, 0.15-0.35 m high. Fl. yellow</p>	<p>Sep to Oct</p>	<p>Grey-black sand, moist. Winter-wet swamps</p>	<p>T / E</p>	<p>N</p>	<p>Unlikely-habitat not suitable</p>


Picture	Common Name	Description	Flowering Period	Habitat Type	Cons Code	Likelihood (Y/N)	Comments
 <p><i>Drakaea elastica</i> Photos: A. Brown & S.D. Hopper</p>	<p>Glossy-leaved Hammer Orchid</p>	<p>Tuberous, perennial, herb, 0.12-0.3 m high. Fl. red & green & yellow</p>	<p>Oct to Nov</p>	<p>White or grey sand. Low-lying situations adjoining winter-wet swamps</p>	<p>T / E</p>	<p>N</p>	<p>Unlikely-habitat not suitable</p>
 <p><i>Drakaea micrantha</i> Photos: S.D. Hopper, A.P. Brown & I. & M. Greeve</p>		<p>Tuberous, perennial, herb, 0.15-0.3 m high. Fl. red & yellow</p>	<p>Sep to Oct</p>	<p>White-grey sand</p>	<p>V</p>	<p>N</p>	<p>Unlikely-habitat not suitable</p>



Picture	Common Name	Description	Flowering Period	Habitat Type	Cons Code	Likelihood (Y/N)	Comments
 <p><i>Eleocharis keigheryi</i> Photo: G.J. Keighery</p>		<p>Rhizomatous, clumped perennial, grass-like or herb (sedge), to 0.4 m high. Fl. green</p>	<p>Aug to Nov</p>	<p>Clay, sandy loam. Emergent in freshwater: creeks, claypans</p>	<p>V</p>	<p>N</p>	<p>Unlikely-habitat not suitable</p>
<p><i>Eucalyptus x graniticola</i></p>					<p>P4</p>	<p>N</p>	<p>Unable to access</p>
 <p><i>Euphrasia scabra</i> Photos: S. Clarke</p>		<p>Erect annual, herb, 0.15-0.35m high. Fl. yellow</p>	<p>Oct</p>		<p>P2</p>	<p>N</p>	<p>Unable to access</p>



Picture	Common Name	Description	Flowering Period	Habitat Type	Cons Code	Likelihood (Y/N)	Comments
		Prostrate, lignotuberous shrub, 0.2-0.7 m high. Fl. red & orange & yellow	Aug or Oct to Nov	Grey sandy clay and loam, ironstone. Seasonal wetlands, swamps, roadsides	P1	Y	Habitat may be suitable
		Spreading shrub, 0.5-1.7 m high, 0.3-1 m wide. Fl. cream-white	Sep to Oct	Gravelly loam. Along creeklines	P3	Y	Habitat may be suitable
		Bulbaceous, perennial, herb, 0.45-1.2(-2) m high. Fl. black/brown-black/green	Nov. Grey	Yellow sand, gravel	P3	N	Unlikely-habitat not suitable
 <p><i>Hemigenia microphylla</i></p> <p>Photos: J.A. Cochrane</p>		Slender shrub, 0.4-1.8 m high. Fl. blue-purple	Sep to Dec	Sandy clay, peaty clay, granite. Winter-wet depressions	P3	N	Unlikely-habitat not suitable



Picture	Common Name	Description	Flowering Period	Habitat Type	Cons Code	Likelihood (Y/N)	Comments
 <p><i>Lambertia echinata</i> subsp. <i>occidentalis</i> Photos: A.P. Brown & J.A. Cochrane</p>		Prickly, much-branched, non-lignotuberous shrub, to 3 m high. Fl. yellow	Feb or Apr or Dec	White sandy soils over laterite, orange/brown-red clay over ironstone. Flats to foothills, winter-wet sites	T/ E	N	Unlikely-habitat not suitable
 <p><i>Lasiopetalum pterocarpum</i> Photos: A.P. Brown & J.A. Cochrane</p>		Open, multi-stemmed shrub (with distinctly winged fruit), to 1.2 m high. Fl. pink	Aug to Dec	Dark red-brown loam or clayey sand over granite. On sloping banks near creeklines	T / E	Y	Habitat may be suitable
<i>Meionectes tenuifolia</i>					P3	N	Unable to assess
<i>Melaleuca viminalis</i>					P2	N	Unable to assess
<i>Millotia tenuifolia</i> var. <i>laevis</i>		Ascending to erect annual, herb, 0.02-0.1 m high. Fl. yellow	Sep to Oct	Granite or laterite soils	P2	Y	Habitat may be suitable


Picture	Common Name	Description	Flowering Period	Habitat Type	Cons Code	Likelihood (Y/N)	Comments
<i>Myriophyllum echinatum</i>		Erect annual, herb, 0.02-0.03 m high. Fl. red	Nov	Clay. Winter-wet flats	P3	N	Unlikely-habitat not suitable
<i>Pterostylis frenchii</i>		Tuberous, herb, to 0.35 m high, with rosette leaves		Calcareous sand with limestone, laterite. Flatlands and gentle slopes	P2	N	Unlikely-habitat not suitable
<i>Schizaea rupestris</i>		Rhizomatous, perennial, herb or grass-like or (fern), 0.1-0.2 m high, fronds simple, glossy; sporangia-bearing segments in pinnately arranged 'cock's comb'		Sand. Gullies, creek banks, shaded moist rock faces	P2	N	Unlikely-habitat not suitable
<i>Schoenus sp. Waroona</i>		Tufted annual, grass-like or herb (sedge), 0.02-0.06 m high. Fl. brown-red-green	Oct to Nov	Clay or sandy clay. Winter-wet flats	P3	N	Unlikely-habitat not suitable
<i>Senecio leucoglossus</i>		Erect annual, herb, to 1.3 m high. Fl. white	Aug to Dec	Gravelly lateritic or granitic soils. Granite outcrops, slopes	P4	Y	Habitat may be suitable
<i>Stylidium aceratum</i>		Fibrous rooted annual, herb, 0.05-0.09 m high, leaves spathulate. Fl. pink/white,	Oct to Nov	Sandy soils. Swamp heathland	P3	N	Unlikely-habitat not suitable

Picture	Common Name	Description	Flowering Period	Habitat Type	Cons Code	Likelihood (Y/N)	Comments
 <p><i>Stylidium ireneae</i> Photos: J. Wege</p>		<p>Lax perennial, herb, (0.06-0.1-0.28 m high, Leaves oblanceolate, 0.4-2 cm long, 1-3 (-5) mm wide, apex subacute to acuminate, margin entire, glandular. Scape glandular. Inflorescence racemose. Fl. pink, Oct to Dec. Sandy loam. Valleys near creek lines, woodland, often with Agonis</p>	Oct to Dec	Sandy loam. Valleys near creek lines, woodland, often with Agonis	P4	N	Habitat may be suitable
<i>Stylidium korijekup</i>		Perennial, herb, 0.18-0.34 m high		Well-drained grey-brown sandy loam with laterite. Upland ridges	P2	N	Unlikely-habitat not suitable
<i>Stylidium paludicola</i>		Reed-like perennial, herb, 0.35-1 m high, Leaves tufted, linear or subulate or narrowly oblanceolate, 0.5-4 cm long, 0.5-1.5 mm wide, apex acute, margin entire, glabrous. Scape mostly glabrous, inflorescence axis glandular. Inflorescence racemose. Fl. pink	Oct to Dec		P3	N	Unlikely-habitat not suitable

Picture	Common Name	Description	Flowering Period	Habitat Type	Cons Code	Likelihood (Y/N)	Comments
<i>Stylidium trudgenii</i>		Caespitose perennial, herb, 0.05-0.5 m high		Grey sand, dark grey to black sandy peat Margins of winter-wet swamps, depressions	P3	N	Unlikely-habitat not suitable
 <p><i>Synaphea odocoileops</i> Photos: R. Butcher</p>		Tufted, compact shrub, 0.2-0.5 m high. Fl. yellow	Aug to Oct.	Brown-orange loam & sandy clay, granite. Swamps, winter-wet areas	P1	N	Unlikely-habitat not suitable
 <p><i>Synaphea</i> sp. Fairbridge Farm (D. Papenfus 696) Photos: R. Butcher</p>		Dense, clumped shrub, to 0.3 m high, to 0.4 m wide. Fl. yellow	Oct	Sandy with lateritic pebbles. Near winter-wet flats, in low woodland with weedy grasses	T / CR	Y	Habitat may be suitable

Picture	Common Name	Description	Flowering Period	Habitat Type	Cons Code	Likelihood (Y/N)	Comments
		<p>Erect, clumped shrub (sub-shrub), to 0.8 m high. Fl. Yellow</p>	<p>Sep to Nov</p>	<p>Grey sandy loam or clay, grey-brown clayey sand, brown clayey loam, laterite. Flats, seasonally wet areas, railroad reserves often with wet depressions or drains</p>	<p>T / E</p>	<p>Y</p>	<p>Habitat may be suitable</p>
					<p>T / CR</p>	<p>N</p>	<p>Unable to assess</p>

Picture	Common Name	Description	Flowering Period	Habitat Type	Cons Code	Likelihood (Y/N)	Comments
 <p><i>Synaphea stenoloba</i> Photos: J. Koch</p>		<p>Caespitose shrub, 0.3-0.45 m high. Fl. Yellow</p>	<p>Aug to Oct</p>	<p>Sandy or sandy clay soils. Winter-wet flats, granite</p>	<p>E</p>	<p>N</p>	<p>Unlikely-habitat not suitable</p>
 <p><i>Tetraria australiensis</i> Photo: G.J. Keighery</p>		<p>Rhizomatous, tufted perennial, grass-like or herb (sedge), to 1 m high. Fl. brown</p>	<p>Nov to Dec.</p>		<p>T / VU</p>	<p>N</p>	<p>Unable to assess</p>
<p><i>Tetraria sp. Nannup</i></p>					<p>P1</p>	<p>N</p>	<p>Unable to access</p>

Picture	Common Name	Description	Flowering Period	Habitat Type	Cons Code	Likelihood (Y/N)	Comments
 <p><i>Tetratheca parvifolia</i> Photos: S. Fussell & J. Parker</p>		Small shrub, 0.2-0.3 m high. Fl. pink	Oct		P3	N	Unable to access
<i>Tripterooccus sp. Brachylobus</i>					P4	N	Unable to access

Appendix 5: Flora Species List

*Denotes introduced species

Family	Scientific name	Common Name
Fabaceae	<i>Acacia browniana</i>	
Fabaceae	<i>Acacia decurrens</i> *	
Fabaceae	<i>Acacia pulchella</i> var. <i>pulchella</i>	
Proteaceae	<i>Adenanthos barbiger</i>	
Poaceae	<i>Aira cupaniana</i> *	Silvery Hairgrass
Euphorbiaceae	<i>Amperea simulans</i>	
Poaceae	<i>Amphipogon amphipogonoides</i>	
Myrtaceae	<i>Astartea scoparia</i>	Common Astartea
Poaceae	<i>Austrostipa semibarbata</i>	
Pittosporaceae	<i>Billardiera variifolia</i>	
Phyllanthaceae	<i>Boronia crenulata</i>	
Fabaceae	<i>Bossiaea aquifolium</i> subsp. <i>aquifolium</i>	
Poaceae	<i>Briza maxima</i> *	Blowfly Grass
Caprifoliaceae	<i>Centranthus macrosiphon</i> *	
Centrolepidaceae	<i>Centrolepis aristata</i>	Pointed Centrolepis
Centrolepidaceae	<i>Centrolepis fascicularis</i>	
Centrolepidaceae	<i>Centrolepis glabra</i>	Smooth Centrolepis
Fabaceae	<i>Chorizema rhombeum</i>	
Asteraceae	<i>Cirsium vulgare</i> *	Spear Thistle
Ranunculaceae	<i>Clematis pubescens</i>	Common Clematis
Haemodoraceae	<i>Conostylis aculeata</i>	
Haemodoraceae	<i>Conostylis setigera</i>	Bristly Cottonhead
Caryophyllaceae	<i>Corrigiola litoralis</i> *	Strapwort
Myrtaceae	<i>Corymbia calophylla</i>	Marri
Hemerocallidaceae	<i>Dianella revoluta</i>	Blueberry Lily
Droseraceae	<i>Drosera barbigera</i>	
Droseraceae	<i>Drosera nitidula</i>	Shining Sundew
Poaceae	<i>Eragrostis brownii</i>	Brown's Lovegrass
Myrtaceae	<i>Eucalyptus marginata</i>	Jarrah

Family	Scientific name	Common Name
Apocynaceae	<i>Gomphocarpus fruticosus*</i>	Narrowleaf Cottonbush
Fabaceae	<i>Gompholobium marginatum</i>	
Fabaceae	<i>Gompholobium preissii</i>	
Goodeniaceae	<i>Goodenia sp.</i>	
Haemodoraceae	<i>Haemodorum laxum</i>	
Proteaceae	<i>Hakea amplexicaulis</i>	Prickly Hakea
Lamiaceae	<i>Hemigenia pritzelii</i>	
Dilleniaceae	<i>Hibbertia amplexicaulis</i>	
Dilleniaceae	<i>Hibbertia diamesogenos</i>	
Fabaceae	<i>Hovea chorizemifolia</i>	Holly-leaved Hovea
Violaceae	<i>Hybanthus debilissimus</i>	
Asteraceae	<i>Hypochaeris radicata*</i>	Flat Weed
Restionaceae	<i>Hypolaena exsulca</i>	
Cyperaceae	<i>Isolepis cyperoides</i>	
Juncaceae	<i>Juncus subsecundus</i>	Finger Rush
Fabaceae	<i>Kennedia coccinea</i>	
Poaceae	<i>Lachnagrostis filiformis</i>	
Malvaceae	<i>Lasiopetalum floribundum</i>	Free Flowering Lasiopetalum
Asparagaceae	<i>Laxmannia squarrosa</i>	
Myrtaceae	<i>Leptospermum laevigatum</i>	Victorian Teatree
Ericaceae	<i>Leucopogon verticillatus</i>	
Stylidiaceae	<i>Levenhookia pusilla</i>	
Asparagaceae	<i>Lomandra sericea</i>	
Asparagaceae	<i>Lomandra sericea</i>	
Fabaceae	<i>Lotus angustissimus*</i>	Narrow Treefoil
Primulaceae	<i>Lysimachia arvensis*</i>	Pimpernel
Zamiaceae	<i>Macrozamia riedlei</i>	
Myrtaceae	<i>Melaleuca preissiana</i>	Moonah
Fabaceae	<i>Mirbelia dilatatum</i>	
Rubiaceae	<i>Opercularia hispidula</i>	Hispid Stinkweed
Iridaceae	<i>Patersonia babianooides</i>	
Iridaceae	<i>Patersonia occidentalis</i>	

Family	Scientific name	Common Name
Apiaceae	<i>Pentapeltis peltigera</i>	
Polygonaceae	<i>Persicaria prostrata</i>	
Proteaceae	<i>Persoonia longifolia</i>	
Phyllanthaceae	<i>Phyllanthus calycinus</i>	
Phytolaccaceae	<i>Phytolacca octandra</i>	Red Ink Plant
Apiaceae	<i>Platysace filiformis</i>	
Asteraceae	<i>Podotheca angustifolia</i>	Sticky Longheads
Asteraceae	<i>Pseudognaphalium luteoalbum</i>	jersey cudweed
Dennstaedtiaceae	<i>Pteridium esculentum</i>	Bracken
Asteraceae	<i>Pterochaeta paniculata</i>	Woolly Waitzia
Amaranthaceae	<i>Ptilotus esquamatus</i>	
Amaranthaceae	<i>Ptilotus polystachyus</i>	Prince of Wales Feather
Poaceae	<i>Rytidosperma sp.</i>	
Goodeniaceae	<i>Scaevola calliptera</i>	
Solanaceae	<i>Solanum hystrix</i> *	Afghan Thistle
Asteraceae	<i>Sonchus oleraceus</i> *	Common Sowthistle
Stylidiaceae	<i>Stylidium amoenum</i>	Lovely Triggerplant
Asteraceae	<i>Symphotrichum squamatum</i> *	
Cyperaceae	<i>Tetraria capillaris</i>	Hair Sedge
Cyperaceae	<i>Tetraria octandra</i>	
Poaceae	<i>Tetrarrhena laevis</i>	Forest Ricegrass
Asparagaceae	<i>Thysanotus multiflorus</i>	
Araliaceae	<i>Trachymene pilosa</i>	
Asteraceae	<i>Ursinia anthemoides</i> *	
Fabaceae	<i>Viminaria juncea</i>	
Campanulaceae	<i>Wahlenbergia capensis</i> *	Cape Bluebell
Asteraceae	<i>Waitzia nitida</i>	
Iridaceae	<i>Watsonia meriana</i> var. <i>bulbillifera</i> *	Bugle Lily
Xanthorrhoeaceae	<i>Xanthorrhoea brunonis</i>	
Xanthorrhoeaceae	<i>Xanthorrhoea preissii</i>	
Apiaceae	<i>Xanthosia candida</i>	

Appendix 6: Flora Quadrat Data

Quadrat No.: 1
Survey Date: 27/11/2020
Personnel: SH BC
Easting: 403823.46
Northing: 6348494.05
Location: Logue Brook Dam
Topography: Lake Bank
Aspect: South
Slope: 1-3%
Soil: Light brown loam
Rock: 1-3%
Gravel 50%, 0.5cm
Leaf Litter: 0.5%, 1cm
Bare Ground: 50%
Drainage: Well
Condition Good



Notes: *Viminaria juncea* and *Mirbelia dilatata* shrubland

Flora Species	Height (m)	Cover (%)
<i>Acacia pulchella</i> var. <i>pulchella</i>	0.5	4
<i>Amperea simulans</i>	0.1	0.1
<i>Conostylis aculeata</i>	0.2	20
<i>Levenhookia pusilla</i>	0.1	0.1
<i>Mirbelia dilatatum</i>	3.0	20
<i>Patersonia occidentalis</i>	0.2	0.5
<i>Pterochaeta paniculata</i>	0.1	0.1
<i>Rytidosperma</i> sp.	0.1	0.1
<i>Thysanotus multiflorus</i>	0.1	0.1
<i>Trachymene pilosa</i>	0.1	0.1
<i>Ursinia anthemoides</i> *	0.1	0.2
<i>Viminaria juncea</i>	3.0	5

Quadrat No.: 2

Survey Date: 27/11/2020

Personnel: SH BC

Easting: 403836.82

Northing: 6348543.13

Location: Logue Brook
 Dam

Topography: Lake Bank

Aspect: South

Slope: 1-3%

Soil: Grey loamy sand

Rock: 1%, gravel
 laterite

Gravel: 40%, 1cm

Leaf Litter: 10%, 2cm

Bare Ground: 20%

Drainage: Well

Condition



Notes: *Viminaria juncea* and *Mirbelia dilatata* shrubland

Flora Species	Height (m)	Cover (%)
<i>Acacia pulchella</i> var. <i>pulchella</i>	0.5	15
<i>Aira cupaniana</i> *	0.1	0.1
<i>Conostylis aculeata</i>	0.2	60
<i>Laxmannia squarrosa</i>	0.1	0.1
<i>Levenhookia pusilla</i>	0.1	0.1
<i>Mirbelia dilatatum</i>	1.5	0.5
<i>Rytidosperma</i> sp.	0.3	0.5
<i>Viminaria juncea</i>	1.5	6

Quadrat No.: 3

Survey Date: 27/11/2020

Personnel: SH BC

Easting: 403934.38

Northing: 6348667.70

Location: Logue Brook Dam

Topography: Lake Bank

Aspect: South

Slope: 3-5%

Soil: Brown loamy sand

Rock: 2%, laterite

Gravel: 50%, 1cm

Leaf Litter: 45%

Bare Ground: 55%

Drainage: Well



Notes: *Viminaria juncea* and *Mirbelia dilatata* shrubland

Condition

Flora Species	Height (m)	Cover (%)
<i>Aira cupaniana</i>	0.1	0.1
<i>Drosera barbigera</i>	0.1	0.1
<i>Gompholobium preissii</i>	0.2	0.5
<i>Hypochaeris radicata</i> *	0.1	0.1
<i>Lotus angustissimus</i> *	0.1	1
<i>Lysimachia arvensis</i> *	0.1	0.1
<i>Mirbelia dilatatum</i>	2	17
<i>Ptilotus esquamatus</i>	0.3	0.1
<i>Rytidosperma</i> sp.	0.5	2
<i>Sonchus oleraceus</i> *	0.1	0.1
<i>Thysanotus multiflorus</i>	0.1	0.1
<i>Viminaria juncea</i>	2	15

Quadrat No.: 4**Survey Date:** 27/11/2020**Personnel:** SH BC**Easting:** 404277.34**Northing:** 6348857.50**Location:** Logue Brook Dam**Topography:** Mid Slope**Aspect:** South**Slope:** 3-5%**Soil:** Brown sandy loam**Rock:** 0.5%, laterite**Gravel:** 20%, 2cm**Leaf Litter:** 90%**Bare Ground:** 0%**Drainage:** Well**Condition:** Excellent**Notes:** Jarrah Marri Forest

Flora Species	Height (m)	Cover (%)	Flora Species	Height (m)	Cover (%)
<i>Acacia browniana</i>	0.8	40	<i>Lomandra sericea</i>	0.3	0.1
<i>Acacia pulchella</i> var. <i>pulchella</i>	1	1	<i>Macrozamia riedlei</i>	0.5	1.5
<i>Adenanthos barbiger</i>	0.3	0.1	<i>Mirbelia dilatatum</i>	1	0.1
<i>Boronia crenulata</i>	0.1	0.1	<i>Opercularia hispidula</i>	0.8	0.5
<i>Bossiaea aquifolium</i> subsp. <i>aquifolium</i>	1.5	35	<i>Patersonia babianooides</i>	0.1	0.2
<i>Chorizema rhombeum</i>	0.1	0.1	<i>Pentapeltis peltigera</i>	0.1	1
<i>Conostylis aculeata</i>	0.3	0.5	<i>Persoonia longifolia</i>	0.3	0.5
<i>Corymbia calophylla</i>	30	15	<i>Platysace filiformis</i>	1	0.1
<i>Eucalyptus marginata</i>	30	80	<i>Scaevola calliptera</i>	0.2	2
<i>Hemigenia pritzelii</i>	0.3	0.1	<i>Stylidium amoenum</i>	0.3	2
<i>Hibbertia diamesogenos</i>	0.2	0.5	<i>Tetraria capillaris</i>	0.5	0.5
<i>Hibbertia amplexicaulis</i>	0.1	0.1	<i>Tetraria octandra</i>	0.3	1
<i>Kennedia coccinea</i>	0.1	0.5	<i>Thysanotus multiflorus</i>	0.1	0.1
<i>Leucopogon verticillatus</i>	0.8	0.5	<i>Xanthorrhoea brunonis</i>	0.5	0.5

Quadrat No.: 5**Survey Date:** 27/11/2020**Personnel:** SH BC**Easting:** 404803.33**Northing:** 6349671.15**Location:** Logue Brook Dam**Topography:** Upper Slope**Aspect:** South**Slope:** 1-3%**Soil:** Brown loam**Rock:** 1%**Gravel:** 10%**Leaf Litter:** 95%, 2cm**Bare Ground:** 0%**Drainage:** Well**Condition:** Good**Notes:** Jarrah Marri Forest

Flora Species	Height (m)	Cover (%)
<i>Billardiera variifolia</i>	0.1	0.1
<i>Bossiaea aquifolium subsp. aquifolium</i>	2	95
<i>Conostylis aculeata</i>	0.1	0.1
<i>Corymbia calophylla</i>	15	25
<i>Eucalyptus marginata</i>	20	15
<i>Hakea amplexicaulis</i>	1	0.5
<i>Hibbertia diamesogenos</i>	0.1	0.1
<i>Lasiopetalum floribundum</i>	0.1	0.1
<i>Lomandra sericea</i>	0.3	0.1
<i>Opercularia hispidula</i>	0.5	1
<i>Patersonia occidentalis</i>	0.3	0.1
<i>Phyllanthus calycinus</i>	0.3	0.5
<i>Pteridium esculentum</i>	0.5	0.1
<i>Stylidium amoenum</i>	0.1	0.1
<i>Tetraria capillaris</i>	0.5	1
<i>Tetraria octandra</i>	0.5	0.1

Quadrat No.: 6**Survey Date:** 27/11/2020**Personnel:** SH BC**Easting:** 404627.23**Northing:** 6349616.06**Location:** Logue Brook Dam**Topography:** Upper Slope**Aspect:** North**Slope:** 5-10%**Soil:** Brown loam**Rock:** 0.1%, laterite**Gravel:** 10%, 2cm**Leaf Litter:** 80%, 3cm**Bare Ground:** 0%**Drainage:** Well**Condition:** Very Good**Notes:** Jarrah Marri Forest

Flora Species	Height (m)	Cover (%)
<i>Bossiaea aquifolium subsp. aquifolium</i>	8	8
<i>Corymbia calophylla</i>	30	75
<i>Eucalyptus marginata</i>	0.3	1
<i>Haemodorum laxum</i>	3	0.1
<i>Mirbelia dilatatum</i>	0.5	1
<i>Opercularia hispidula</i>	0.3	50
<i>Patersonia occidentalis</i>	0.3	0.1
<i>Phyllanthus calycinus</i>	1	0.5
<i>Pteridium esculentum</i>	0.2	3
<i>Tetraria capillaris</i>	8	0.1

Appendix 7: Habitat Tree Locations and Photo Reference

GPS location and photographs of habitat trees were recorded with key features such as species, presence of hollows taken note of. Cockatoo habitat survey was conducted on 27 November, 8 December 2020 and 25 January 2021.

Habitat Tree Species	Status	Photo Number	Hollows	Location	
				Eastings	Northings
Jarrah	Alive	p 233,234	Hollow	404301.1553	6348943.5
Jarrah	Alive	p 63,64	Hollow	404925.0574	6349913.3
Jarrah	Alive	p 377,378	Hollow	404169.0498	6348811.5
Jarrah	Alive	p 108,109	No hollow	404811.135	6349719.7
Jarrah	Alive	p 287,288	No hollow	404321.5143	6348931
Jarrah	Alive	p 132,133	No hollow	404834.9141	6349661.4
Jarrah	Alive	p 524,525	No hollow	404522.8037	6349426.5
Jarrah	Alive	p 167,168	No hollow	404842.0565	6349600
Jarrah	Alive	p 546,547	No hollow	404534.8819	6349450.6
Jarrah	Alive	p 47,48	No hollow	404918.8595	6349870.6
Jarrah	Alive	p 1b,2b	No hollow	404673.4823	6349666.9
Jarrah	Alive	p 462,463	No hollow	404301.5899	6349091.9
Jarrah	Alive	p 118,119	No hollow	404888.7667	6349658.5
Jarrah	Alive	p 454,455	No hollow	404296.7381	6349088.3
Jarrah	Alive	p 452,453	No hollow	404294.4588	6349077.8
Jarrah	Alive	p 154,155	No hollow	404807.3037	6349643
Jarrah	Alive	p 339,340	No hollow	404304.021	6348842.2
Jarrah	Alive	p 401,402	No hollow	404142.1568	6348838.7
Jarrah	Alive	P 98b,99b	No hollow	404454.4454	6349436
Jarrah	Alive		No hollow	404755.4655	6349742
Jarrah	Alive	p 395,396	No hollow	404169.2074	6348837.1
Jarrah	Alive	p 228,229	No hollow	404665.6232	6349608.3
Jarrah	Alive	p 534,535	No hollow	404493.7399	6349486.8
Jarrah	Alive	p 373,374	No hollow	404208.1201	6348811
Jarrah	Alive	p 38,39	No hollow	404865.1706	6349808
Jarrah	Alive	p 341,342	No hollow	404276.5038	6348837
Jarrah	Alive	p 345,346	No hollow	404262.6953	6348855.6
Jarrah	Alive	p 285,286	No hollow	404327.2043	6348925.7

Habitat Tree Species	Status	Photo Number	Hollows	Location	
				Eastings	Northings
Jarrah	Alive	p 245,246	No hollow	404304.0808	6348987.3
Jarrah	Alive	p 184,185	No hollow	404750.4825	6349574
Jarrah	Alive	p 216,217	No hollow	404719.1181	6349645.5
Jarrah	Alive	p 198,199	No hollow	404730.0463	6349623.4
Jarrah	Alive	p 110,111	No hollow	404828.1848	6349712.6
Jarrah	Alive	p 53,54	No hollow	404911.7381	6349881.3
Jarrah	Alive	p 331,332	No hollow	404314.9985	6348863.4
Jarrah	Alive	p 7,8	No hollow	404769.7092	6349672
Jarrah	Alive	p 257,258	No hollow	404316.6439	6349009.7
Jarrah	Alive	p 355,356	No hollow	404215.6079	6348884.8
Jarrah	Alive	p 241,242	No hollow	404283.7994	6348975.7
Jarrah	Alive	p 327,328	No hollow	404256.3617	6348894.8
Jarrah	Alive	p 309,310	No hollow	404246.4565	6348914.7
Jarrah	Alive	p 25b,26b	No hollow	404635.8871	6349557.1
Jarrah	Alive	p 437,438	No hollow	404284.4282	6349046.2
Jarrah	Alive	p 210,211	No hollow	404757.9078	6349628.9
Jarrah	Alive	p 445,446	No hollow	404292.6361	6349055.9
Jarrah	Alive	p 124,125	No hollow	404877.4123	6349637.2
Jarrah	Alive	p 516,517	No hollow	404520.4538	6349394.3
Jarrah	Alive	p 112,113	No hollow	404842.899	6349713.7
Jarrah	Alive	p 130,131	No hollow	404846.8332	6349647.1
Jarrah	Alive	p 478,479	No hollow	404343.9853	6349152.1
Jarrah	Alive	p 176,177	No hollow	404800.4793	6349587.4
Jarrah	Alive	p 385,386	No hollow	404158.0564	6348843.4
Jarrah	Alive	p 120,121	No hollow	404882.9007	6349662.5
Jarrah	Alive	p 514,515	No hollow	404511.4827	6349379.3
Jarrah	Alive	p 419,420	No hollow	404251.6517	6349002
Jarrah	Alive	p 299, 300	No hollow	404277.7302	6348891.2
Jarrah	Alive	p 237,238	No hollow	404297.5276	6348968.6
Jarrah	Alive	p 329,330	No hollow	404272.79	6348887
Jarrah	Alive	p 21,22	No hollow	404768.2885	6349724.8
Jarrah	Alive	p 99,100	No hollow	404878.8057	6349719.8

Habitat Tree Species	Status	Photo Number	Hollows	Location	
				Eastings	Northings
Jarrah	Alive	p 114,115	No hollow	404870.2757	6349707.8
Jarrah	Alive	p 474,475	No hollow	404313.9273	6349108.6
Jarrah	Alive	p 379,380	No hollow	404157.1461	6348824.3
Jarrah	Alive	259	No hollow	404274.0787	6348854.4
Jarrah	Alive	p 297,298	No hollow	404279.2348	6348900.8
Jarrah	Alive	p 32,33	No hollow	404801.4804	6349801.1
Jarrah	Alive	p 351,352	No hollow	404243.4192	6348888.8
Jarrah	Alive	p 134,135	No hollow	404835.2482	6349672.2
Jarrah	Alive	p 224,225	No hollow	404709.2736	6349649.4
Jarrah	Alive	p 548,549	No hollow	404534.9968	6349448.4
Jarrah	Alive	p 464,465	No hollow	404305.7206	6349082.7
Jarrah	Alive	p 443,444	No hollow	404283.1569	6349057.8
Jarrah	Alive	p 447,448	No hollow	404306.6844	6349067.4
Jarrah	Alive	p 405,406	No hollow	404142.8748	6348826.1
Jarrah	Alive	p 13b,14b	No hollow	404736.2112	6349656.5
Jarrah	Alive	p 361,362	No hollow	404211.2803	6348859.6
Jarrah	Alive	p 138,139	No hollow	404783.2907	6349654.2
Jarrah	Alive	p 212,213	No hollow	404756.4876	6349626.8
Jarrah	Alive	p 208,209	No hollow	404752.3193	6349630.2
Jarrah	Alive	p 293,294	No hollow	404297.576	6348905.7
Jarrah	Alive	p 41,42	No hollow	404868.4949	6349846.5
Jarrah	Alive	p 101,102	No hollow	404866.387	6349743.8
Jarrah	Alive	p 182,183	No hollow	404751.9032	6349566.4
Jarrah	Alive	p 441,442	No hollow	404277.8421	6349059.9
Jarrah	Alive	p 186,187	No hollow	404743.5998	6349569.7
Jarrah	Alive	p 15,16	No hollow	404786.6286	6349710.7
Jarrah	Alive	p 275,276	No hollow	404338.0851	6348953.7
Jarrah	Alive	p 55,56	No hollow	404918.7241	6349884.6
Jarrah	Alive	p 536,537	No hollow	404499.2218	6349490.1
Jarrah	Alive	p 253,254	No hollow	404310.7676	6349008.4
Jarrah	Alive	p 425,426	No hollow	404244.7697	6349023.5
Jarrah	Alive	p 3,4	No hollow	404766.7906	6349653.1

Habitat Tree Species	Status	Photo Number	Hollows	Location	
				Eastings	Northings
Jarrah	Alive	p 359,360	No hollow	404198.641	6348867.5
Jarrah	Alive	p 97,98	No hollow	404876.734	6349720.3
Jarrah	Alive	p 200,201	No hollow	404733.6967	6349625
Jarrah	Alive	p 249,250	No hollow	404309.491	6348994.7
Jarrah	Alive	p 305,306	No hollow	404257.6798	6348901
Jarrah	Alive	p 178,179	No hollow	404785.7646	6349576.7
Jarrah	Alive	p 43,44	No hollow	404877.3993	6349852.3
Jarrah	Alive	p 51,52	No hollow	404916.283	6349881.1
Jarrah	Alive	p 165,166	No hollow	404865.7943	6349601
Jarrah	Alive	p 1-2	No hollow	404766.49	6349651.8
Jarrah	Alive	p 383,384	No hollow	404153.4937	6348842.3
Jarrah	Alive	p 146, 147	No hollow	404768.1031	6349614.6
Jarrah	Alive	p259	No hollow	404274.0787	6348854.4
Jarrah	Alive	p 304,303	No hollow	404267.492	6348887.4
Jarrah	Alive	p 103,104	No hollow	404856.7504	6349797.5
Jarrah	Alive	p 393,394	No hollow	404168.1494	6348839.6
Jarrah	Alive	p 150,151	No hollow	404789.4923	6349622
Jarrah	Alive	p 429,430	No hollow	404238.1555	6349040
Jarrah	Alive	p 93,94	No hollow	404883.9134	6349710
Jarrah	Alive	p 307,308	No hollow	404249.4337	6348908.1
Jarrah	Alive	p 140,141	No hollow	404778.2747	6349635.1
Jarrah	Alive	p 72,73	No hollow	404931.61	6349864.2
Jarrah	Alive	p 518,519	No hollow	404526.2765	6349410.8
Jarrah	Alive	p 289,290	No hollow	404325.0869	6348921.2
Jarrah	Alive	p 261,262	No hollow	404318.139	6349026.7
Jarrah	Alive	222,223	No hollow	404709.2736	6349649.4
Jarrah	Alive	p 311,312	No hollow	404243.2299	6348924.3
Jarrah	Alive	p 315,316	No hollow	404261.4627	6348940.3
Jarrah	Alive	p 3b,4b	No hollow	404689.7651	6349671
Jarrah	Alive	p 470,471	No hollow	404306.3148	6349079.6
Jarrah	Alive	p 49,50	No hollow	404913.3329	6349878.4
Jarrah	Alive	p 173 174	No hollow	404806.8968	6349613.8

Habitat Tree Species	Status	Photo Number	Hollows	Location	
				Eastings	Northings
Jarrah	Alive	p 435,436	No hollow	404272.028	6349048.9
Jarrah	Alive	p 283,284	No hollow	404336.3457	6348932.8
Jarrah	Alive	p 325,326	No hollow	404266.5935	6348899.2
Jarrah	Alive	p 156,157	No hollow	404806.28	6349648.4
Jarrah	Alive	p 528,529	No hollow	404499.8672	6349452.7
Jarrah	Alive	p 29,30	No hollow	404787.7577	6349784.9
Jarrah	Alive	p 21b,22b	No hollow	404669.0856	6349561.4
Jarrah	Alive	p 343,344	No hollow	404270.1778	6348852.9
Jarrah	Alive	p 136,137	No hollow	404833.6029	6349673.9
Jarrah	Alive	p 61,62	No hollow	404927.2786	6349913.6
Jarrah	Alive	p 467,466	No hollow	404306.2726	6349080.7
Jarrah	Alive	p 251,252	No hollow	404302.3108	6349001.8
Jarrah	Alive	p 91,92	No hollow	404896.2305	6349709.6
Jarrah	Alive	p 488,489	No hollow	404399.3251	6349228
Jarrah	Alive	p 415,416	No hollow	404088.7722	6348819.8
Jarrah	Alive	15b,16b	No hollow	404668.1269	6349592.4
Jarrah	Alive	p 148,149	No hollow	404776.2139	6349615
Jarrah	Alive	p 126,127	No hollow	404877.1758	6349642.2
Jarrah	Alive	p 496,497	No hollow	404429.1164	6349257.1
Jarrah	Alive	p 51b,52b	No hollow	404483.1991	6349588.2
Jarrah	Alive	p 78b,79b	No hollow	404454.7067	6349496.2
Jarrah	Alive	p 365,366	No hollow	404231.0331	6348832.1
Jarrah	Alive	p 458,459	No hollow	404298.6919	6349096.7
Jarrah	Alive	p 11b,12b	No hollow	404758.6202	6349684.7
Jarrah	Alive	p 17,18	No hollow	404782.5077	6349735
Jarrah	Alive	p 202,203	No hollow	404739.7099	6349625.2
Jarrah	Alive	p 387,388	No hollow	404164.5763	6348843
Jarrah	Alive	p 9b,10b	No hollow	404760.2179	6349681.5
Jarrah	Alive	p 291,292	No hollow	404311.7249	6348910
Jarrah	Alive	p 439,440	No hollow	404280.2706	6349029.2
Jarrah	Alive	p 162,163	No hollow	404850.1176	6349602.3
Jarrah	Alive	p 269,270	No hollow	404323.9235	6348969.9

Habitat Tree Species	Status	Photo Number	Hollows	Location	
				Eastings	Northings
Jarrah	Alive	p 70b,71b	No hollow	404490.1954	6349532.4
Jarrah	Alive	p 267,268	No hollow	404332.3768	6348983.3
Jarrah	Alive	p 19b,20b	No hollow	404680.5558	6349564.3
Jarrah	Alive	p 175,176	No hollow	404813.0487	6349606.2
Jarrah	Alive	p 431,432	No hollow	404228.9258	6349025.9
Jarrah	Alive	p 220,221	No hollow	404704.256	6349646.7
Jarrah	Alive	p 413,414	No hollow	404123.5299	6348827.8
Jarrah	Alive	p 239,240	No hollow	404295.5383	6348970.2
Jarrah	Alive	p 301,302	No hollow	404276.3429	6348879.3
Jarrah	Alive	p 353,354	No hollow	404226.7211	6348898.5
Jarrah	Alive	p 9,10	No hollow	404778.22	6349676.3
Jarrah	Alive	p 277,278	No hollow	404333.0522	6348952.5
Jarrah	Alive	p 204,205	No hollow	404742.3668	6349638.8
Jarrah	Alive	p 313,314	No hollow	404241.9934	6348929
Jarrah	Alive	p 538,539	No hollow	404482.0021	6349488.9
Jarrah	Alive	p 59,60	No hollow	404924.9336	6349909.9
Jarrah	Alive	p 27,28	No hollow	404780.1244	6349774.1
Jarrah	Alive	p 7b,8b	Potential hollow	404727.1075	6349687.5
Jarrah	Dead	p 568,569	No hollow	404643.4471	6349617.5
Jarrah	Dead	p 349,350	No hollow	404242.478	6348888.9
Jarrah	Dead	p 128,129	No hollow	404860.0791	6349654.2
Jarrah	Dead	p 5,6	No hollow	404785.1746	6349663.5
Jarrah	Dead	p 570,571	No hollow	404641.174	6349619.3
Jarrah	Dead	p 13 14	No hollow	404769.3287	6349698.3
Jarrah	Dead	p 25,26	No hollow	404785.7948	6349738.5
Jarrah	Dead	p 319,320	No hollow	404277.1554	6348950.2
Jarrah	Dead	p 347,348	No hollow	404256.7458	6348871.4
Jarrah	Dead	p 89,90	No hollow	404906.6278	6349729.4
Jarrah	Dead	p 45,46	No hollow	404894.5584	6349859.7
Jarrah	Dead	p 231,232	No hollow	404286.0559	6348956.3
Marri	Alive	p 490,491	Hollows	404377.7149	6349237

Habitat Tree Species	Status	Photo Number	Hollows	Location	
				Eastings	Northings
Marri	Alive	p 295,296	No hollow	404304.6098	6348894.3
Marri	Alive	p 123b,124b	No hollow	404463.0417	6349647.5
Marri	Alive	p 194,195	No hollow	404702.3488	6349578.4
Marri	Alive	p 407,408	No hollow	404152.7895	6348802.1
Marri	Alive	p 78,79	No hollow	404942.2901	6349803
Marri	Alive	p 190,191	No hollow	404721.8496	6349573.8
Marri	Alive	p 29b,30b	No hollow	404628.4874	6349551.2
Marri	Alive	p 550,5451	No hollow	404536.4658	6349448.8
Marri	Alive	p 74,75	No hollow	404937.6235	6349854.7
Marri	Alive	p 421,422	No hollow	404246.1283	6349009.4
Marri	Alive	p 450,451	No hollow	404307.5418	6349069.4
Marri	Alive	p 323,324	No hollow	404267.2081	6348897.2
Marri	Alive	p 142,143	No hollow	404775.7233	6349626.8
Marri	Alive	p 93b,94b	No hollow	404452.8309	6349473.2
Marri	Alive	p 192,193	No hollow	404721.8496	6349573.8
Marri	Alive	p 540,541	No hollow	404490.2361	6349505.6
Marri	Alive	p 560,561	No hollow	404614.2457	6349572.5
Marri	Alive	p 255, 256	No hollow	404311.9084	6349010.2
Marri	Alive	p 530,531	No hollow	404505.9699	6349472.7
Marri	Alive	p 532,533	No hollow	404495.8475	6349485.9
Marri	Alive	p 333,334	No hollow	404316.8354	6348864.6
Marri	Alive	p 502,503	No hollow	404448.5372	6349309
Marri	Alive	p 59b,60b	No hollow	404455.0591	6349585.6
Marri	Alive	p 196,197	No hollow	404705.6936	6349601.8
Marri	Alive	p 476,477	No hollow	404314.903	6349143.5
Marri	Alive	p 399,400	No hollow	404168.4828	6348853.6
Marri	Alive	p 335,336	No hollow	404303.6344	6348843.3
Marri	Alive	p 129b,130b	No hollow	404468.5124	6349642.3
Marri	Alive	p 498,499	No hollow	404449.2208	6349290.2
Marri	Alive	p 480,481	No hollow	404344.9995	6349173.5
Marri	Alive	p 357,358	No hollow	404198.641	6348867.5
Marri	Alive	p 235,236	No hollow	404298.2395	6348966.2

Habitat Tree Species	Status	Photo Number	Hollows	Location	
				Eastings	Northings
Marri	Alive	p 504,505	No hollow	404454.9443	6349317
Marri	Alive	p 226,227	No hollow	404687.3107	6349646.3
Marri	Alive	p 271,271	No hollow	404323.7926	6348964.1
Marri	Alive	p 34b,35b	No hollow	404589.0085	6349529.1
Marri	Alive	p 460,461	No hollow	404300.5523	6349095.5
Marri	Alive	p 188,189	No hollow	404719.8064	6349574.5
Marri	Alive	p 417,418	No hollow	404258.8749	6349000.2
Marri	Alive	p 403,404	No hollow	404142.3161	6348828.8
Marri	Alive	p 468,469	No hollow	404308.2801	6349080.5
Marri	Alive	p 263,264	No hollow	404327.1701	6349006.5
Marri	Alive	p 89b,90b	No hollow	404447.86	6349462.5
Marri	Alive	p 369,370	No hollow	404219.6784	6348807.9
Marri	Alive	p 259,260	No hollow	404316.9171	6349017.1
Marri	Alive	p 273,274	No hollow	404337.4715	6348958.8
Marri	Alive	p 23b,24b	No hollow	404645.1054	6349559.5
Marri	Alive	p 526,527	No hollow	404512.3736	6349432.7
Marri	Alive	p 138b,139b	No hollow	404550.4497	6349531.5
Marri	Alive	p 375,376	No hollow	404187.3486	6348833.6
Marri	Alive	p 76,77	No hollow	404923.549	6349803.6
Marri	Alive	p 544,545	No hollow	404514.0125	6349489.7
Marri	Alive	p 65,66	No hollow	404934.5465	6349929.9
Marri	Alive	p 30,31	No hollow	404800.08	6349787.2
Marri	Alive	p 67,68	No hollow	404952.3011	6349908.2
Marri	Alive	p 556,557	No hollow	404570.8883	6349536.7
Marri	Alive	p 510,511	No hollow	404451.3303	6349334.3
Marri	Alive	p 127b,128b	No hollow	404463.3344	6349643.2
Marri	Alive	p 472,473	No hollow	404324.4195	6349102.4
Marri	Alive	p 371,372	No hollow	404222.0522	6348802.2
Marri	Alive	p 180,181	No hollow	404775.9311	6349553.6
Marri	Alive	p 482,483	No hollow	404361.5567	6349184.7
Marri	Alive	p 409,410	No hollow	404131.135	6348806.1
Marri	Alive	p 144,145	No hollow	404769.9957	6349623

Habitat Tree Species	Status	Photo Number	Hollows	Location	
				Eastings	Northings
Marri	Alive	p 113b,114b	No hollow	404463.3765	6349355.2
Marri	Alive	p 91b,92b	No hollow	404447.4961	6349467.7
Marri	Alive	p 279,280	No hollow	404333.7712	6348943
Marri	Alive	p 131b,132b	No hollow	404486.0211	6349639.6
Marri	Alive	p 68b,69b	No hollow	404491.5997	6349542.6
Marri	Alive	p 423,424	No hollow	404245.8617	6349020.7
Marri	Alive	p 367,368	No hollow	404239.2256	6348820.8
Marri	Alive	p 520,521	No hollow	404528.9876	6349412.3
Marri	Alive	p 106b,107b	No hollow	404462.6674	6349402.4
Marri	Alive	p 500,501	No hollow	404449.2208	6349290.2
Marri	Alive	p 65b,66b	No hollow	404488.3053	6349543.1
Marri	Alive	p 427,428	No hollow	404237.2749	6349024.3
Marri	Alive	p 152,153	No hollow	404801.4028	6349631.2
Marri	Alive	p 415,416	No hollow	404105.9891	6348817.9
Marri	Alive	p 121b,122b	No hollow	404452.5339	6349648.8
Marri	Alive	p 169,170	No hollow	404827.4226	6349593.9
Marri	Alive	p 95b,96b	No hollow	404452.8309	6349473.2
Marri	Alive	p 337,338	No hollow	404304.0462	6348839.6
Marri	Alive	p 57b,58b	No hollow	404462.2719	6349597.8
Marri	Alive	p 80b,81b	No hollow	404466.6031	6349490.6
Marri	Alive	p 63b,64b	No hollow	404466.052	6349579.6
Marri	Alive	p 552,553	No hollow	404540.3694	6349443.6
Marri	Alive	p 115,116	No hollow	404447.25	6349586.5
Marri	Alive	p 522,523	No hollow	404544.5605	6349418.5
Marri	Alive	p 391,392	No hollow	404167.6269	6348841.8
Marri	Alive	p 133b,134b	No hollow	404494.665	6349636.7
Marri	Alive	p 27b,28b	No hollow	404638.117	6349556.5
Marri	Alive	p 566,567	No hollow	404645.1612	6349589.3
Marri	Alive	p 112b	No hollow	404499.146	6349414
Marri	Alive	p 542,543	No hollow	404493.6782	6349512.5
Marri	Alive	p 562,563	No hollow	404618.9075	6349605.4
Marri	Alive	p 508,509	No hollow	404454.3471	6349320.4

Habitat Tree Species	Status	Photo Number	Hollows	Location	
				Eastings	Northings
Marri	Alive	p 265,266	No hollow	404320.6043	6348998.7
Marri	Alive	p 558,559	No hollow	404602.9375	6349578.8
Marri	Alive	p 363,364	No hollow	404222.4973	6348849.7
Marri	Alive	p 492,493	No hollow	404393.2813	6349240.6
Marri	Alive	p 243,244	No hollow	404278.7666	6348987.4
Marri	Alive	p 102b,103b	No hollow	404457.7482	6349415.3
Marri	Alive	p 17b,18b	No hollow	404679.394	6349580.7
Marri	Alive	p 512,513	No hollow	404497.9528	6349372.4
Marri	Alive	p 433,434	No hollow	404258.8222	6349037.8
Marri	Alive	p 397,398	No hollow	404170.4516	6348847.7
Marri	Alive	p 122,123	No hollow	404889.2381	6349658.4
Marri	Alive	p 411,412	No hollow	404123.6449	6348825.6
Marri	Alive	p 117b,118b	No hollow	404449.8855	6349615.1
Marri	Alive	p 158,159	No hollow	404816.2254	6349643.7
Marri	Alive	p 247,248	No hollow	404308.4488	6348982.7
Marri	Alive	p 554,555	No hollow	404558.2543	6349453.7
Marri	Alive	p 494,495	No hollow	404418.3259	6349248.9
Marri	Alive	p 135b,136b	No hollow	404505.7594	6349613.7
Marri	Alive	p 84b,85b	No hollow	404459.5534	6349445.6
Marri	Alive	p 218,219	No hollow	404709.2736	6349649.4
Marri	Alive	P 100b,101b	No hollow	404450.6943	6349419.1
Marri	Alive	p 389,390	No hollow	404166.9135	6348844.3
Marri	Alive	p 564,565	No hollow	404652.0909	6349598.4
Marri	Alive	p 381,382	No hollow	404153.0019	6348838.1
Marri	Alive	p 119b,120b	No hollow	404450.3527	6349641.2
Marri	Alive	p 125b,126b	No hollow	404462.601	6349647.8
Marri	Alive	p 206,207	No hollow	404750.6278	6349633.3
Marri	Alive		No hollow	404785.9539	6349686.5
Marri	Alive	p 110b,111b	No hollow	404485.8599	6349398.2
Marri	Alive	p 486,487	No hollow	404402.9465	6349219.6
Marri	Alive	p 321,322	No hollow	404271.0103	6348921.8
Marri	Alive	p 484,485	No hollow	404380.984	6349203.6

Habitat Tree Species	Status	Photo Number	Hollows	Location	
				Eastings	Northings
Marri	Alive	p 512,513	No hollow	404478.0375	6349323
Marri	Alive	p 488,489	No hollow	404393.0645	6349233.9
Marri	Alive	p 456,457	No hollow	404300.1084	6349089.6
Marri	Alive	p 19,20	No hollow	404774.6009	6349736.2
Marri	Alive	p 36,37	No hollow	404810.8089	6349814.8
Marri	Alive	p 108b,109b	No hollow	404463.629	6349400.1
Marri	Alive	p 281,282	No hollow	404335.2414	6348930.4
Marri	Alive	P 86b,87b	No hollow	404451.3505	6349451.5
Marri	Alive	p 160161	No hollow	404828.3981	6349616.1
Marri	Alive	p 105,106	No hollow	404837.2371	6349738.6
Marri	Alive	p 82b,83b	No hollow	404478.063	6349475.2
Marri	Alive	p 41b,42b	No hollow	404512.984	6349586
Marri	Dead	p 76b,77b	Hollow	404453.1536	6349491.6
Marri	Dead	p 72b,74b	Hollow	404460.5763	6349530.5
Marri	Dead	p 61b,62b	No hollow	404457.1853	6349586.1
Marri	Dead	p 317,318	No hollow	404254.5409	6348937
Marri	Dead	p 116, 117	No hollow	404884.2635	6349680.3
Marri	Dead	p 87,88	No hollow	404908.0332	6349733.1
Marri	Dead	p 42b,43b	No hollow	404484.334	6349584.3
Marri	Dead	p 53b,54b	No hollow	404462.2719	6349597.8
Marri	Dead	p 506,507	No hollow	404471.6046	6349324.1