

**Banksia Road Dardanup  
Level 2 Flora and Vegetation Survey and  
Level 1 Fauna Assessment**

November 2014

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Prepared for  
Transpacific Industries Group Ltd



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## Abbreviations and Definitions

Abbreviation	Definition
<b>Astron</b>	Astron Environmental Services
<b>BOM</b>	Bureau of Meteorology
<b>Cleanaway</b>	Transpacific Industries Group Ltd
<b>cm</b>	Centimetres
<b>CR</b>	Critically Endangered
<b>DAFWA</b>	Department of Agriculture and Food Western Australia
<b>DBH</b>	Diameter at breast height
<b>°C</b>	Degrees Celsius
<b>Parks and Wildlife</b>	Department of Parks and Wildlife
<b>DoE</b>	Department of the Environment
<b>DSEWPAC</b>	Department of Sustainability, Environment, Water, Population and Communities (now DoE)
<b>EN</b>	Endangered
<b>EPA</b>	Environmental Protection Authority
<b>EPBC Act</b>	<i>Environment Protection and Biodiversity Conservation Act 1999</i>
<b>ha</b>	Hectare
<b>IBRA</b>	Interim Biogeographic Regionalisation for Australia
<b>km</b>	Kilometres
<b>m</b>	Metres
<b>mm</b>	Millimetres
<b>MNES</b>	Matters of National Environmental Significance (under the EPBC Act)
<b>PEC</b>	Priority ecological community
<b>TEC</b>	Threatened ecological community
<b>VU</b>	Vulnerable
<b>WC Act</b>	<i>Wildlife Conservation Act 1950</i>
<b>~</b>	Approximately

## Executive Summary

Astron Environmental Services was engaged to conduct a spring flora, vegetation and fauna habitat assessment for Transpacific Industries Group Ltd (Cleanaway) landfill site in Banksia Road Dardanup, Western Australia. The survey area is approximately 118 hectares, of which approximately 7.4 hectares is mapped as native vegetation. The western section of the survey area is plantation (planted trees), and only the easternmost area contains native vegetation. The majority of the site is an operational landfill site.

One-hundred and twenty-two vascular plant taxa, representing 80 genera from 35 families, were recorded within the native vegetation areas, with 10 taxa being non-native (weeds). A number of conservation significant flora taxa were listed from the database search results for the survey area vicinity; however suitable habitat for the majority of these taxa was not found. The survey was conducted late in the spring season but a reasonable suite of annual and orchid taxa were able to be recorded. Where potential habitat for conservation significant flora occurred, the area was intensively searched but none of these taxa were located and suitable supporting habitat was not found. No conservation significant flora was recorded.

Two jarrah-marri vegetation units were described for the survey area. In the adjacent Dardanup Conservation Park a priority ecological community is recorded and the native vegetation within the survey area is mapped within the buffer of this priority ecological community. The priority ecological community contains *Corymbia haematoxylon* which was not recorded in the Banksia Road site.

One broad fauna habitat type was recorded during the fauna assessment; a jarrah-marri woodland of mid to upper slopes. Despite being found within an existing plantation and operating tip facility, this fauna habitat type would support a minor array of conservation significant fauna species. Twenty-five fauna species were recorded during the survey through direct observation or indirect evidence, including one reptile species, 22 bird species and two mammal species. Four species recorded during the survey have conservation significance: the forest red-tailed black cockatoo (*Calyptorhynchus banksii naso*), Carnaby's cockatoo (*Calyptorhynchus latirostris*), Baudin's cockatoo (*Calyptorhynchus baudinii*), and the rainbow bee-eater (*Merops ornatus*). These species along with the crested shrike-tit (*Falcunculus frontatus leucogaster*), southern brown bandicoot (*Isodon obesulus fusciventer*) and the western brush wallaby (*Macropus irma*) are expected to occur at varying times within the survey area in either a foraging and/or sheltering capacity.

The jarrah and marri trees recorded within the fauna habitat of the survey area presents some level of importance for the three species of black cockatoo. The marri in particular are a preferred food resource for black cockatoos and there was significant foraging evidence of both forest red-tailed and Carnaby's black cockatoos within the survey area. Eighty potential breeding trees were identified (diameter at breast height of greater than 50 centimetres) in the survey area, including 17 trees containing hollows that would be potentially suitable for breeding purposes. Two of the hollows were deemed to be 'active' as there were significant scratchings around the entrances to the hollows, which is generally used as indication of current or past breeding activities. However the hollows were not internally inspected in detail due to their elevation, so the suitability of the hollows for breeding black cockatoos cannot be accurately assessed.

Given the site contains foraging and breeding potential, vegetation clearing within the survey area would constitute a high risk of significant impact under the *Environment Protection and Biodiversity Conservation Act 1999* referral guidelines and therefore requires referral to the Commonwealth Department of the Environment.

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## 1 Introduction

### 1.1 Project Background

Astron Environmental Services (Astron) was engaged to provide biological assessment services to assist Transpacific Industries Group Ltd (Cleanaway), with baseline surveys for a landfill site at Banksia Road Dardanup, Western Australia. The site surveyed is approximately (~) 118 hectares (ha), of which ~7.4 ha contains an area mapped as remnant vegetation (Department of Agriculture and Food Western Australia (DAFWA) 2013a). The western section of the survey area is plantation (planted trees), and the easternmost portion is remnant native vegetation. The survey area is shown in Figure 1 with location information.

### 1.2 Scope and Objectives

Astron was commissioned to undertake the following scope of works:

- Level 2 vegetation and flora assessment to be compliant with the Environmental Protection Authority (EPA) Position Statement No. 3 (2002) and Guidance Statement 51 (2004a).
- Level 1 fauna assessment to be compliant with Guidance Statement 56 (EPA 2004b).
- Field survey of trees with hollows suitable for use by black cockatoos and trees with drays likely to be used by ringtailed possums (if any), being Matters of National Environmental Significance (MNES) under the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act).

More specifically, the requirements of the flora, vegetation and fauna assessment include:

- A database and literature search for conservation significant flora, fauna and vegetation (threatened or priority ecological communities (TEC/PECs); locally significant vegetation) that may occur within the survey area.
- A vegetation and flora field survey:
  - identifying and mapping the different vegetation communities on site and their condition
  - recording an inventory of flora species, including weed species
  - recording any threatened or priority flora and ecological communities.
- A fauna field survey:
  - identifying and mapping fauna habitats
  - recording opportunistic fauna sightings
  - assessing the potential of available fauna habitats to provide habitat (foraging, roosting, nesting) for fauna of conservation significance, and evidence of recent utilisation of such habitat
  - mapping of habitat for black cockatoos, including locations of actual roost trees (if any) and trees with suitable hollows.



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 Banksia Road Dardanup – Level 2 Flora and Vegetation Survey and Level 1 Fauna Assessment, November 2014



**Figure 1: Survey Area Location**

Author: V. Clarke	Date: 19-10-2015	Datum: GDA 1994 - Projection: MGA Zone 50 Km 
Drawn: C. Dyde	Figure Ref: 21135-15-BIDR-1Rev1_151019_Fig01	

## 1.3 Environmental Context

### 1.3.1 Climate

The survey area is located in the Southwest region of Western Australia. The climate in this region is described as warm Mediterranean, and is characterised by rainfall ranges of between 500 and 1,200 millimetres (mm) annually (Hearn et al. 2002). Weather data from Bunbury weather station (9965), the nearest long-term weather station located within 10 kilometres (km) south of the survey area, indicate the mean annual rainfall from 1995 to 2014 is 735.4 mm (Bureau of Meteorology (BOM) 2014). Maximum daily temperatures range between 27.8 degrees celcius (°C) and 30.1°C in the summer months and between 17.3°C and 18.4°C in the winter months (BOM 2014; Figure 2).

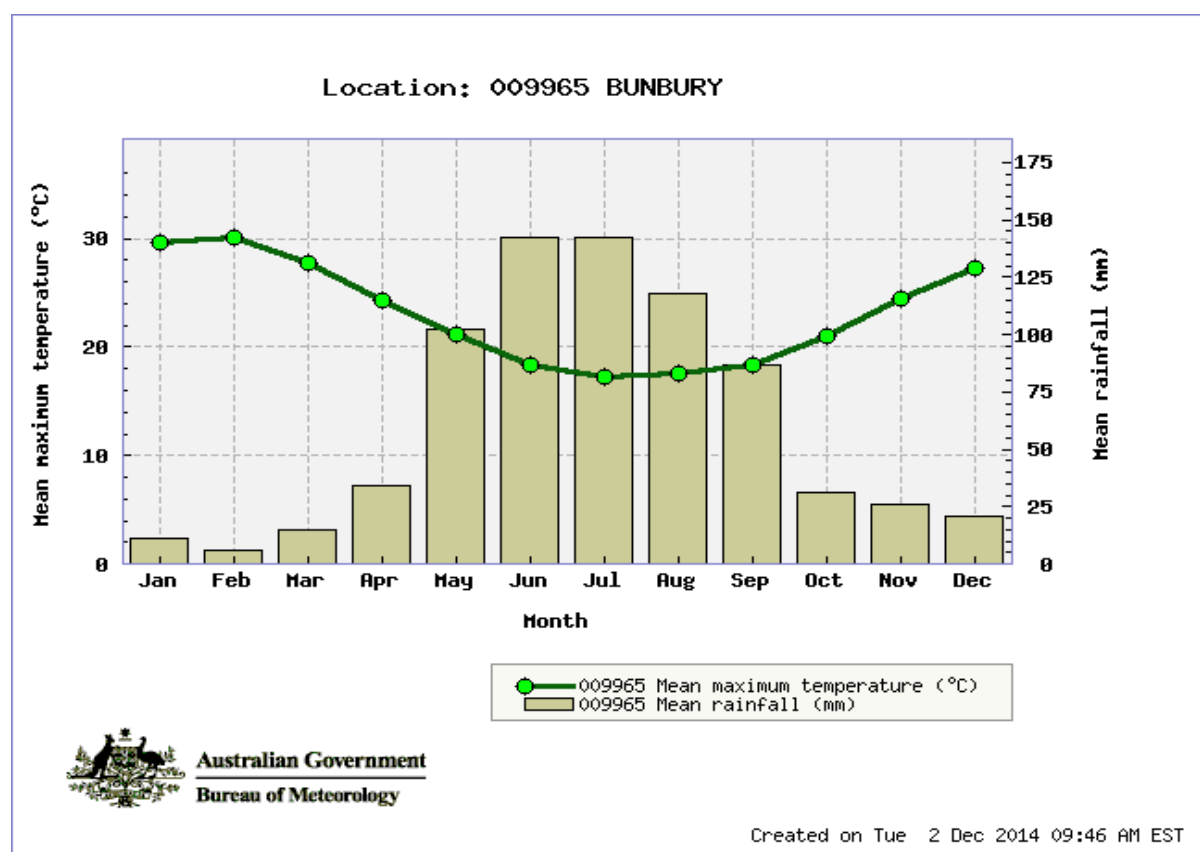


Figure 2: Climate data from Bunbury weather station (9965) including mean annual rainfall (mm) and mean maximum temperature (°C) (1995-2014) in Western Australia (BOM 2014).

### 1.3.2 Geology, Landforms and Soils

The survey area is at the border of the southern and northern jarrah forests (Beard 1990), and this subregion occupies the northern portion of the Darling Plateau, east of the Darling Scarp. It overlies Achaean granite and metamorphic rocks and has an average elevation of about 300 metres (m). The plateau is an ancient erosion surface capped by an extensive lateritic duricrust, which has been dissected by later drainage. The plateau is occasionally broken by prominent granite hills of unusual elevation. The dominant soils are lateritic gravels consisting of up to 5 m or more of ironstone gravels in a yellow sandy matrix, and related lateritic podzolic soils with ironstone gravels in a sandy surface horizon overlying mottled yellow-brown clay subsoil. Some granite boulders may protrude through the laterite mantle and hard-setting loamy soils to deep loams can be found within valleys (Beard 1990).

### 1.3.3 Surface Water and Hydrology

The survey area does not intersect any creeks or significant drainage lines. It is within the Preston Water Management Area, Middle Preston subcatchment within the Leschenault Estuary Preston River Catchment Area, which is a Priority 3 Public Drinking Water Supply Area.

### 1.3.4 Vegetation

The Interim Biogeographic Regionalisation for Australia (IBRA version 7) divides the Australian continent into 89 bioregions and 419 subregions (Department of the Environment (DoE) 2013). IBRA regions represent a landscape-based approach to classifying the land surface, including attributes of climate, geomorphology, landform, lithology, and characteristic flora and fauna. Specialist ecological knowledge, combined with appropriate regional and continental scale biophysical datasets were interpreted to define and describe these regions (Thackway and Cresswell 1995). Information about each subregion is used to help determine which ecosystems are adequately protected in the conservation estate. The area of remnant vegetation within the survey area is located within the IBRA Jarrah Forest Bioregion.

Pre-European vegetation was mapped at a broad scale across Western Australia (Beard 1990) and the survey area is within the Southwest Botanical Province. The remnant vegetation portion of the site is mapped as unit: *1185 and 27.1 – Chapman: Medium open woodland; jarrah and marri, with low woodland; banksia* (Government of Western Australia 2013).

The forest areas of southwest Western Australia were mapped at a finer scale within ‘*Vegetation of the Darling System*’ (Hedde et al. 1980) and the area of remnant vegetation is mapped as half Jarrahwood Complex and half Kingia Complex.

Forest area vegetation complex mapping was further refined as part of the Regional Forest Agreement (Mattiske and Havel 1998) and the same area is mapped as Kingia Complex with a small portion of Jalbaragup and Whicher Scarp (Hedde et al. 1980) vegetation complexes as defined for the forest region.

## 2 Methodology

### 2.1 Desktop Assessment

Database searches were conducted to identify listed conservation significant flora, fauna and ecological communities within or in close proximity to the survey area. The search details are summarised in Table 1.

Table 1: Summary of database searches.

Database name	Search focus	Search area
Protected Matters Search Tool (DoE 2014)	MNES (including flora, fauna, and communities).	10 km radius from a central point defined by the coordinates 33°25'24"S, 115°47'09"E (GDA94).
<i>NatureMap</i> (Department of Parks and Wildlife (Parks and Wildlife) 2014a)	Flora and fauna species including those of conservation significance; listed threatened and priority ecological communities (TEC/PECs).	10 km radius (20 km for fauna) from a central point defined by the coordinates 33°25'24"S, 115°47'09"E (GDA94).
Records of the WA Herbarium; Threatened and Priority Flora Database & the Threatened & Priority List (Parks and Wildlife 2014b,c,d)	Threatened and priority flora.	10 km radius around Latitude: -33°25'43.89" S and Longitude: 115°47'18.93" E.
TEC and PEC Database (Parks and Wildlife 2014e)	Threatened and priority ecological communities	
Threatened Fauna Database (Parks and Wildlife 2014f)	Threatened and priority fauna.	
Birdata (BirdLife Australia 2014)	Bird species.	1 degree from a point defined by the coordinates -33.42949 °S and 115.7898 °E (GDA94).

In addition a literature review was conducted of relevant regional contextual information.

### 2.2 Field Survey

The field survey was conducted over two days during spring 2014 (12 to 13 November) by two Astron ecologists. The team consisted of Principal Botanist Vanessa Clarke and Senior Zoologist Matthew Love.

#### 2.2.1 Level 2 Vegetation and Flora Survey

The vegetation and flora field survey was undertaken in accordance with the requirements for a Level 2 assessment outlined in the EPA's *Position Statement 3: Terrestrial Biological Surveys as an Element of Biodiversity Protection* (2002) and *Guidance Statement 51: Terrestrial Flora and Vegetation Surveys for Environmental Impact Assessment in Western Australia* (2004a).

Information acquired during the desktop study assisted in design of the field survey. Pre-survey planning involved the examination of 1:10,000 scale aerial photography, nearby survey results and

regional vegetation community mapping and descriptions. The number and location of sampling sites were determined based on the following criteria:

- the inclusion of at least one, and where possible, a duplicate sample site in each vegetation association, distinguishable on aerial photographs
- sampling in homogenous vegetation and the avoidance of ecotone areas between associations
- the inclusion of target areas that are prospective for conservation significant flora species identified during the desktop study.

Five quadrats (minimum two within each vegetation type) with two additional relevés were surveyed in representative vegetation associations. The following information was collected at each quadrat:

- **Location** – coordinates measured using a handheld GPS (MGA50, WGS84). One set of coordinates taken from the corner of a quadrat or a central location of each relevé.
- **Recorder and date** – personnel involved in sampling that location and the survey date.
- **Species** – all vascular plant species present including introduced species. Species that could not be identified in the field were collected for later identification at the Astron herbarium or WA Herbarium.
- **Weeds** – the occurrence of any introduced flora.
- **Per cent foliar cover** – The percentage cover was estimated for the dominant species in each structural layer.
- **Vegetation description** – Vegetation was described according to Aplin's (1979) modification of the vegetation classification system of Specht (1970) (Appendix A). At this level, vegetation is described up to three dominant genera for each of the upper, mid and ground strata are categorised based on dominant growth form, cover and height.
- **Vegetation condition** – assessed according to the *Vegetation Condition Classification* (Appendix A) (Trudgen 1996).
- **Habitat** – a broad description of the surrounding landscape based on landform, topography and soil.
- **Disturbances** – records of any obvious disturbances such as fire, tracks or grazing.
- **Photographs** – a photograph was taken of each quadrat.

A hard copy of colour aerial photography on an A3 colour maps at a scale of 1: 10,000 was used to assist in navigation as well as delineating vegetation communities and vegetation condition boundaries.

Targeted searches were undertaken for threatened and priority flora potentially occurring in the survey area as determined by the database searches and literature review. The entire survey area was traversed on foot and all species found within the survey area, including introduced species, were listed opportunistically if they did not occur in a quadrat. For each introduced species recorded in the survey area, it was also noted whether the species was widespread or dominant.



## 2.2.2 Level 1 Fauna Survey

The fauna survey was undertaken in conjunction with the vegetation and flora survey. In the context of a Level 1 survey, rather than listing the highly anecdotal sightings of fauna seen during a reconnaissance visit, the guidance statement (EPA 2004b) advises field observers to describe the fauna habitats of the survey area, which give a comprehensive indication of fauna that can reasonably be expected to occur.

The entire survey area was traversed on foot. Major fauna habitat types were described based on the landform and vegetation type. Habitat condition was assessed based on the presence of anthropogenic (human-induced) disturbances, and using the descriptors suggested by Thompson and Thompson (2010) (Appendix A). Habitats likely to support fauna species of conservation significance were photographed and a GPS location recorded. All vertebrate fauna species observed opportunistically were recorded, and any locations of conservation significant fauna were recorded using a GPS.

### 2.2.2.1 Western Ringtail Possum Assessment

A targeted search was conducted for western ringtail possum habitat, concentrating on areas of peppermint (*Agonis flexuosa*). The site was searched for faecal pellets and dreys and, if found, a photograph and GPS coordinate was taken.

### 2.2.2.2 Black Cockatoo Assessment

The three species of black cockatoos that occur in the southwest of Western Australia that are protected under the federal EPBC Act and the state *Wildlife Conservation Act 1950* (WC Act), include:

- forest red-tailed black cockatoo (*Calyptorhynchus banksii naso*)
- Carnaby's cockatoo (*Calyptorhynchus latirostris*)
- Baudin's cockatoo (*Calyptorhynchus baudinii*).

To assist with determining the survey area's occupancy and type of occupancy, a targeted black cockatoo habitat assessment was undertaken, including targeted searches for potential black cockatoo foraging and breeding habitat. To determine if the site was foraging habitat for black cockatoos, potential foraging plants were identified and recorded, and the ground was searched for any evidence of black cockatoo foraging, for example chewed fruits of the marri (*Corymbia calophylla*) and jarrah (*Eucalyptus marginata*). To determine the breeding habitat classification of the site in accordance with DoE referral guidelines (Department of Sustainability Environment Water Population and Communities (DSEWPaC) 2012), a habitat assessment was undertaken. Native trees greater than 50 centimetre (cm) diameter at breast height (DBH) are classified as mature trees with potential for breeding hollows to develop (DSEWPaC 2012). The site was searched systematically and trees greater than 50 cm DBH were recorded, including the species, height of tree, GPS coordinate and number of potential hollows. Photographs were taken of a representative sample of trees. To determine if trees had potential breeding hollows, the following criteria were assessed for each mature tree where possible (based on Gibbons and Lindenmayer 2002):

- height of the potential hollow in the tree
- minimum entrance width of a potential hollow
- diameter of the branch on which the potential hollow occurred
- whether the branch was living, part dead or dead
- whether the tree has multiple potential hollows.

## Referral guidelines

There is an increasing focus from the regulatory authorities on proposals that have the potential to impact on black cockatoo habitat. Referral guidelines for protected black cockatoos were developed by the Commonwealth Department of Sustainability, Environment, Water, Population and Communities (DSEWPAC), now DoE which are designed to determine likely impacts of clearing, and whether a referral is required; this is summarised in Table 2.

Table 2: Black cockatoo referral guidelines (DSEWPAC 2012).

<b>High risk of significant impacts: referral recommended</b>
<ul style="list-style-type: none"> <li>• Clearing of any known nesting tree.</li> <li>• Clearing of any part or degradation of breeding habitat.</li> <li>• Clearing of more than 1 ha of quality foraging habitat.</li> <li>• Creating a gap of greater than 4 km between patches of black cockatoo habitat (breeding, foraging or roosting).</li> <li>• Clearing or degradation (including pruning the top canopy) of a known roosting site.</li> </ul>
<b>Uncertainty: referral recommended or contact the Department</b>
<ul style="list-style-type: none"> <li>• Degradation (such as through altered hydrology or fire regimes) of more than 1 ha of foraging habitat. Significance will depend on the level and extent of degradation and the quality of the habitat.</li> <li>• Clearing or disturbance in areas surrounding black cockatoo habitat that has the potential to degrade habitat through introduction of invasive species, edge effects, hydrological changes, increased human visitation or fire.</li> <li>• Actions that do not directly affect the listed species but that have the potential for indirect impacts such as increasing competitors for nest hollows.</li> <li>• Actions with the potential to introduce known plant diseases such as <i>Phytophthora</i> spp.</li> </ul>
<b>Low risk of significant impacts: referral may not be required but you may refer for legal certainty</b>
<ul style="list-style-type: none"> <li>• Actions that do not affect black cockatoo habitat or individuals.</li> <li>• Actions whose impacts occur outside the modelled distribution of the three Black Cockatoos.</li> </ul>

## 2.3 Specimen Identification and Data Entry

Plant specimens that were not identified in the field were collected, pressed and identified in Perth by Astron Principal Botanist Vanessa Clarke. Data Entry was entered into a customised Access database.

## 2.4 Limitations of the Survey

Good seasonal conditions preceded the survey, but the survey was undertaken towards the end of spring, which limited a full census of the flora. However, a good diversity of annual/ephemeral species was able to be inventoried and it is unlikely that any threatened flora, particularly orchids, would be present on the site that were not recorded due to survey timing.

There are some limitations associated with assessing the suitability of tree hollows for black cockatoos. It is not always possible to determine if a hollow or tree irregularity is suitable for use or in fact possible to enter. The angle of branch and height from ground limit accurate observations as to width, depth and existing occupancy (e.g. introduce honey bees). Therefore the term “potential hollow” is used. It must be surmised that a significant number of these potential hollows are in fact not currently suitable for various reasons. It is however possible that many have the potential to develop suitable hollow characteristics over time as natural processes occur.



## 3 Results

### 3.1 Seasonal Conditions

In the 12 months preceding the November 2014 survey, 747.4 mm of rainfall was received, 12 mm above the average annual rainfall since 1995 (735.4 mm) (BOM 2014). Rain associated with low pressure systems during May 2014 (218.6 mm) resulted in well above average rainfall for that month.

### 3.2 Desktop Assessment

#### 3.2.1 Vegetation and Flora

One TEC occurs within a 10 km radius of the survey area (DoE 2014), listed as *Claypans of the Swan Coastal Plain*. It is Critically Endangered; however no clay pans exist within the survey area. The *Dardanup Jarrah and Mountain Marri woodland on laterite (Whicher Scarp woodlands of coloured sands and lateritic community C5* PEC occurs within the adjacent Dardanup Conservation Park and the vegetation within the survey area is within the buffer of this PEC (Parks and Wildlife 2014e).

The Commonwealth's Protected Matters Search (DoE 2014) and the State's *NatureMap* (Parks and Wildlife 2014a) and Parks and Wildlife supplied databases and lists (Parks and Wildlife 2014b,c,d) identified 17 threatened flora species within a 10 km radius of the survey area (Table 3). The results of the database searches are provided in full in Appendix B. Conservation categories for flora, fauna and ecological communities are presented in Appendix C.

**Table 3: Threatened flora recorded within 10 km of the survey area (DoE 2014; Parks and Wildlife 2014b,c,d) listed according to threat level.**

Taxon	Conservation status	Flowering	Potential to occur in survey area
<i>Brachyscias verecundus</i>	Critically Endangered (CR)	Oct-Nov	Low; habitat not present.
<i>Drakaea elastica</i>	CR	Oct to Nov	Very Low; habitat not present.
<i>Synaphea</i> sp. Fairbridge Farm (D. Papenfus 696)	CR	Oct	Low; habitat not present.
<i>Andersonia gracilis</i>	Endangered (EN)	Sept-Nov	Low; habitat not present.
<i>Banksia nivea</i> subsp. <i>uliginosa</i>	EN	Aug to Sep	Low; no records within the Shire of Dardanup but similar habitat may be present
<i>Caladenia huegelii</i>	EN	Sep to Oct	Low-Medium; habitat not ideal.
<i>Caladenia winfieldii</i>	EN	Oct to Nov	Very Low; habitat not present.
<i>Centrolepis caespitosa</i>	EN; Priority 4	Oct to Dec	Very Low; habitat not present.
<i>Darwinia whicherensis</i>	EN	Oct to Dec	Low; habitat not present.
<i>Gastrolobium papilio</i>	EN	Oct	Low-Medium; habitat not ideal.
<i>Lambertia echinata</i> subsp. <i>occidentalis</i>	EN	Feb or Apr or Dec	Low; habitat not present.
<i>Banksia squarrosa</i> subsp. <i>argillacea</i>	Vulnerable (VU)	Jun to Nov	Low; habitat not present.
<i>Chamelaucium</i> sp. S coast plain (R.D.Royce 4872)	VU	Oct to Dec	Very Low; habitat not present; not known from vicinity.
<i>Diuris micrantha</i>	VU	Sep to Oct	Very Low; habitat not present.
<i>Drakaea micrantha</i>	VU	Sep to Oct.	Low; habitat not likely to be present.
<i>Eleocharis keigheryi</i>	VU	Aug-Nov	Very Low; habitat not present.
<i>Synaphea stenoloba</i>	VU	Aug to Oct	Low; heavy soil habitat not present.

### 3.2.2 Vertebrate Fauna

The database searches identified a total of 275 terrestrial vertebrate fauna species recorded within 20 km of the survey area (Appendix B). This included 11 amphibian species, 39 reptile species, 199 bird species (including 10 introduced) and 26 mammal species (including eight introduced). Of the 275 terrestrial vertebrate fauna species previously recorded, 56 species are deemed to have conservation significance including one reptile species, 45 bird species and 10 mammal species.

Marine species have been excluded from the report as they are highly unlikely to occur within the survey area.

## 3.3 Field Survey

### 3.3.1 Vegetation

Two jarrah-marri vegetation units were described and mapped in the survey area. They are similar in composition and are contiguous with the adjacent Dardanup Conservation Park, though more degraded in condition. An additional vegetation mapping code is used in the vegetation mapping to

illustrate the vegetation across the entire Banksia Road site, which includes a large area of plantation. The codes ascribed and vegetation descriptions are provided in Table 4, mapped in Figure 3 and data is provided in full in Appendix D.

**Table 4: Astron vegetation units described for the survey areas.**

Code	Description
EmCcKaHlhaTcPu	Low Woodland of <i>Eucalyptus marginata</i> subsp. <i>marginata</i> , <i>Corymbia calophylla</i> over a <i>Kingia australis</i> Tall Open Shrubland over a <i>Hakea lissocarpa</i> and <i>Hypocalymma angustifolia</i> Low Open Shrubland over a <i>Tetraria capillaris</i> , <i>Patersonia umbrosa</i> var. <i>xanthina</i> and * <i>Briza maxima</i> Very Open Sedge/grassland on dark brown loam.
EmCcXpHlHhDfTcPu	Low Open Woodland of <i>Eucalyptus marginata</i> subsp. <i>marginata</i> and <i>Corymbia calophylla</i> over a <i>Xanthorrhoea preissii</i> , <i>Hakea lissocarpa</i> Open Shrubland over <i>Hibbertia hypericoides</i> Low Shrubland over a <i>Desmocladius flexuosus</i> , <i>Tetraria capillaris</i> , <i>Desmocladius fasciculatus</i> and <i>Patersonia umbrosa</i> var. <i>xanthina</i> Open Sedgeland on lateritic loam.
Pl	Plantation – <i>Eucalyptus globulus</i>



386500

387000

387500

388000

6301000

Banksia Rd

6300500

6300000

**Legend**

- Quadrat/Relevé
- Road
- Banksia Rd Landfill Site

**Vegetation Mapping**

<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: lightblue; border: 1px solid black; margin-right: 5px;"></span> EmCcKaHlhaTcPu</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: lightcoral; border: 1px solid black; margin-right: 5px;"></span> EmCcXpHIHhDfTcPu</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: lightgreen; border: 1px solid black; margin-right: 5px;"></span> PI</li> </ul>	<p>Low Woodland of <i>Eucalyptus marginata</i> subsp. <i>marginata</i>, <i>Corymbia calophylla</i> over a <i>Kingia australis</i> Tall Open Shrubland over a <i>Hakea lissocarpa</i> and <i>Hypocalymma angustifolia</i> Low Open Shrubland over a <i>Tetraria capillaris</i>, <i>Patersonia umbrosa</i> var. <i>xanthina</i> and <i>*Briza maxima</i> Very Open Sedge/grassland on dark brown loam.</p> <p>Low Open Woodland of <i>Eucalyptus marginata</i> subsp. <i>marginata</i> and <i>Corymbia calophylla</i> over a <i>Xanthorrhoea preissii</i>, <i>Hakea lissocarpa</i> Open Shrubland over <i>Hibbertia hypericoides</i> Low Shrubland over a <i>Desmodcladus flexuosus</i>, <i>Tetraria capillaris</i>, <i>Desmodcladus fasciculatus</i> and <i>Patersonia umbrosa</i> var. <i>xanthina</i> Open Sedgeland on lateritic loam.</p> <p>Plantation - <i>Eucalyptus globulus</i></p>
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**Figure 3: Vegetation Association Mapping**

Author: V. Clarke

Drawn: C. Dyde

Datum: GDA 1994  
 Projection: MGA Zone 50

0 100 200 300 400 Metres



Date: 19-10-2015

Figure Ref: 21135-15-BIDR-1Rev1\_151019\_Fig03\_VegMap



### 3.3.2 Vegetation Condition

Vegetation condition in the survey area ranged from ‘degraded’ to ‘very good to excellent’ and ‘very good’ for the majority of the vegetated area. In general though, the remnant vegetation is a fine mosaic of varying condition with timber harvesting, clearing tracks and previous clearing impacting on the vegetation quality and integrity. Vegetation condition is presented in Figure 4.

The historic impact of fire frequency, logging and tracks has simplified species diversity in comparison to the adjacent Dardanup Conservation Park.

Fairly low weed density was noted in intact vegetation but edge areas in some cases are highly impacted. Adjacent cleared areas have a high diversity of weeds.



Plate 1: Vegetation in very good to excellent condition.



387800 387900 388000 388100 388200 388300 388400

6300800  
6300700  
6300600  
6300500  
6300400



**Legend**

- Road
- ▭ Banksia Rd Landfill Site

**Vegetation Condition**

- Very Good to Excellent
- Very Good
- Good
- Good to Degraded
- Degraded

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 Banksia Road Dardanup – Level 2 Flora and Vegetation Survey and Level 1 Fauna Assessment, November 2014

**Figure 4: Vegetation Condition Mapping**

Author: V. Clarke

Drawn: C. Dyde

Date: 19-10-2015

Datum: GDA 1994  
 Projection: MGA Zone 50



Figure Ref: 21135-15-BIDR-1Rev1\_151019\_Fig04\_VegCond



### 3.3.3 Flora

One-hundred and twenty-two vascular plant taxa representing 80 genera from 35 plant families were recorded within the survey area, with 10 taxa being non-native (weeds). A complete species list is presented in Appendix E.

The species recorded are typical of the jarrah forest and the diversity recorded is representative of total diversity present with good seasonal conditions and sampling late in the spring season. The adjacent Dardanup Conservation Park contains continuous vegetation that is in better condition, contains more habitat types and increased floristic diversity.

No threatened or priority flora was recorded in the survey area. Thorough searches did not locate any conservation significant flora.

Of the 10 weed species encountered, none are declared pest plants; they all occurred at low densities and were not having a significant impact on the condition of the vegetation.

### 3.3.4 Fauna Habitat

One broad fauna habitat type was recorded during the survey:

- *Jarrah-marri* woodland over low shrubs and sedges (Plate 2).

The jarrah-marri woodland occurred in the eastern end of the survey area and was ~7 ha. The vegetation of the fauna habitat consisted of proteaceous and myrtaceous shrubs over a range of sedge species.

Fauna habitat condition was considered to range from 'good' to 'highly degraded' according to the condition rating scale of Thompson and Thompson (2010). Within the jarrah-marri woodland, disturbance was recorded in the form of weed species and cleared vegetation from logging activities (Plate 3). However this small parcel of vegetation remains connected to the Dardanup Conservation Park and retained some characteristics that are likely to support a natural vertebrate fauna assemblage of the area.

The rest of the survey area is of an existing plantation and operating tip facility. These areas were deemed to be highly degraded fauna habitat, due to the absence of vegetation, the presence of rubbish, weed species, an asbestos dump and associated infrastructure of an operating tip facility. The presence of fauna in these areas is largely expected due to the attraction for animal species in landfill sites, particularly pest species.

The foraging and breeding habitat available for black cockatoos is discussed separately in Section 3.5.3.



Plate 2: Site 1 – jarrah-marri woodland over proteaceous shrubs.



Plate 3: Jarrah-marri woodland with cleared vegetation.

### 3.3.5 Vertebrate Fauna

Twenty-five fauna species were recorded during the survey through direct observation or indirect evidence. One reptile species, 22 bird species (including four conservation significant species) and two mammal species were identified either by sight or indirect evidence, such as scats, tracks and traces (Appendix E; Table E.2).

Four species of conservation significance were recorded in the survey area during the fauna assessment, including all three species of black cockatoo: forest red-tailed black cockatoo (*Calyptorhynchus banksii naso*, VU, S1), Carnaby's cockatoo (*Calyptorhynchus latirostris*, EN, S1) and Baudin's cockatoo (*Calyptorhynchus baudinii*, VU, S1), and the rainbow bee-eater (*Merops ornatus*, Mi, S3). The details of the locations of the black cockatoo are detailed in Section 3.3.5. The rainbow bee-eater was heard at one location (GDA94 50H 388259mE 6300536mN). This species is a seasonal migrant to the southwest region of Western Australia.

#### 3.3.5.1 Species of Conservation Significance

The presence of jarrah-marri woodland within the survey area would support a minor number of conservation significant fauna species. These species rated as high would occupy the survey area at intermittent times and/or seasonally as either core habitat or as part of a larger home range. The lack of wetland fauna habitat in the survey area would restrict the number of wetland species, migratory waders and migratory seabirds. All marine species detailed in the desktop review were deleted due to the lack of suitable habitat in the survey area.

Along with the three black cockatoo species and rainbow bee-eater recorded in the survey area, the crested shrike-tit (*Falcunculus frontatus leucogaster*), southern brown bandicoot (*Isoodon obesulus fusciventer*) and the western brush wallaby (*Macropus irma*) have a high likelihood of occurring in the survey area (Table 5).

There is a moderate likelihood of the peregrine falcon (*Falco peregrinus*), barking owl (*Ninox connivens connivens*) and masked owl (*Tyto novaehollandiae novaehollandiae*) occurring in the survey area (Table 5).



Table 5: Fauna habitat descriptions and likelihood of occurrence in the survey area.

Scientific name	Common name	Conservation codes			Preferred habitat	Extent of habitat in the survey area	Likelihood in the survey area
		EPBC	WC	Parks and Wildlife			
<b>Reptiles</b>							
<i>Ctenotus ora</i>	Coastal Plains skink			P1	Patchily distributed in sandy dunes/dunal habitat of the Swan Coastal Plain	Low	Low
<b>Birds</b>							
<i>Apus pacificus</i>	Fork-tailed swift	Mi	S3		Summer migrant to Australia and occurs in low to very high airspace over varied habitat from rainforest to semi-desert.	N/A	Low - seasonal vagrant
<i>Botaurus poiciloptilus</i>	Australasian bittern	EN	S1		Found in beds of tall rush mixed with or near short fine sedge and open pools. Also occurs around swamps, lakes, pools, rivers and channels fringed with lignum, canegrass or other dense vegetation.	Low	Low
<i>Ixobrychus minutus dubius</i>	Little bittern			P4	Wetland habitats preferring to remain within or on the edge of wetland vegetation. It occurs in diverse freshwater swamp habitats, mainly where tall rushes, reeds, <i>Typha</i> species, shrub thickets or other dense cover occurs.	Low	Low
<i>Ixobrychus flavicollis australis</i>	Black bittern			P3	Freshwater pools, swamps and lagoons, well screened with trees	Low	Low
<i>Ardea modesta</i>	Eastern great egret	Mi	S3		Wide range of wetland habitats (for example inland and coastal, freshwater and saline, permanent and ephemeral).	Low	Low

Scientific name	Common name	Conservation codes			Preferred habitat	Extent of habitat in the survey area	Likelihood in the survey area
<i>Ardea ibis</i>	Cattle egret	Mi	S3		Largely wetland species however can exploit drier open habitats more than other heron species.	Low	Low
<i>Plegadis falcinellus</i>	Glossy ibis		S3		The Glossy Ibis requires shallow water and mudflats, so is found in well-vegetated wetlands, floodplains, mangroves and lake margins.	Low	Low
<i>Haliaeetus leucogaster</i>	White-bellied sea-eagle	Mi	S3		Require presence of large areas of open water and have been recorded at or in the vicinity of freshwater swamps, lakes, reservoirs, billabongs, saltmarsh and sewage ponds.	Low	Low
<i>Falco peregrinus</i>	Peregrine falcon		S4		Found from woodlands to open grasslands and coastal cliffs. Normally nests on cliff edges.	Low - Moderate habitat present in the survey area, however will be attracted to prey within in an existing tip facility.	Moderate
<i>Ardeotis australis</i>	Australian bustard			P4	Open or lightly wooded grasslands, hummock grassland, chenopod flats and plains.	Locally extinct on the Swan Coastal Plain due to a number of existing pressures such as predation and clearing.	Low

Scientific name	Common name	Conservation codes			Preferred habitat	Extent of habitat in the survey area	Likelihood in the survey area
<i>Burhinus grallarius</i>	Bush stone-curlew			P4	Woodlands and dense shrublands including along ephemeral or permanent watercourses.	Locally extinct on the Swan Coastal Plain due to a number of existing pressures such as predation and clearing.	Low
	23 shorebird species	Mi	S3		Generally these migratory shorebird species prefer coastal and near shore habitats for foraging and roosting. Some species can be found inland in aquatic wetlands during periods of migration as well as becoming resident within optimal habitats.	Low: No wetlands and/or major drainage systems exist in the survey area as well as being greater than 20 km from the nearest coastline.	Low
	3 seabird species		S3		Generally these migratory seabird species prefer coastal and near shore habitats for foraging and roosting. Some species can be found inland in aquatic wetlands during periods of migration as well as becoming resident within optimal habitats.	Low: No wetlands and/or major drainage systems exist in the survey area as well as being greater than 20 km from the nearest coastline.	Low
<i>Calyptorhynchus banksii naso</i>	Forest red-tailed black-cockatoo	VU	S1		Eucalypt forest where it feeds primarily on marri and jarrah fruit.	High	High – individuals heard within survey area.
<i>Calyptorhynchus latirostris</i>	Carnaby's cockatoo	EN	S1		Eucalypt woodland, principally wandoo or salmon gum, and shrubland or kwongan heath dominated by <i>Hakea</i> and <i>Banksia</i> species.	High	High – individuals sighted within survey area.

Scientific name	Common name	Conservation codes			Preferred habitat	Extent of habitat in the survey area	Likelihood in the survey area
<i>Calyptorhynchus baudinii</i>	Baudin's cockatoo	VU	S1		Eucalypt forest, where it feeds on mainly marri seeds, flowers, nectar and buds. Also feed on seeds of <i>Eucalyptus</i> , <i>Hakea</i> , <i>Banksia</i> and pine species.	High	High - foraging evidence sighted within survey area.
<i>Ninox connivens connivens</i>	Barking owl (southwest population)			P2	The southwest subspecies prefers woodlands and forests with a high density of large trees and particularly sites with hollows that are used by the owls as well as their prey. Roost sites are often located near waterways or wetlands.	Low - Moderate habitat present in the survey area, however will be attracted to prey within in an existing tip facility.	Moderate
<i>Tyto novaehollandiae novaehollandiae</i>	Masked owl (southwest subspecies)			P3	Requires large hollows in old growth eucalypts for nesting and often favours areas with dense understorey, particularly along watercourses and gullies.	Low - Moderate habitat present in the survey area, however will be attracted to prey within in an existing tip facility.	Moderate
<i>Merops ornatus</i>	Rainbow bee-eater	Mi	S3		Lightly wooded, preferably sandy, country near water such as drainage channels and creek lines.	High	High – individuals heard within survey area.

Scientific name	Common name	Conservation codes			Preferred habitat	Extent of habitat in the survey area	Likelihood in the survey area
<i>Psophodes nigrogularis nigrogularis</i>	Western whipbird (western heath)	EN	S1		Current taxonomic uncertainties and probable misidentification of southwest subspecies <i>P. n. oberon</i> which is not listed. <i>P. n. nigrogularis</i> is found west of Cape Richie in the deep southwest restricted to a small area east of Albany in coastal southwest WA.	Low	Low
<i>Falcunculus frontatus leucogaster</i>	Crested shrike-tit (southwestern subspecies)			P4	Open eucalypt forest and woodland	High	High
<b>Mammals</b>							
<i>Dasyurus geoffroii</i>	Western quoll, chuditch	VU	S1		Wide range of habitats from woodlands, dry sclerophyll forests, riparian vegetation, beaches and deserts.	Low	Low
<i>Phascogale tapoatafa tapoatafa</i>	Southern brush-tailed phascogale, wambenger		S1		Dry sclerophyll forests and open woodlands that contain hollow-bearing trees.	Low	Low
<i>Myrmecobius fasciatus</i>	Numbat, walpurti	VU	S1		Isolated populations of the Numbat are in eucalypt forests and woodlands dominated by <i>Eucalyptus marginata</i> , <i>Corymbia calophylla</i> and <i>Eucalyptus wandoo</i> .	Locally extinct on the Swan Coastal Plain; currently two isolated native populations at Dryandra and Perup, southwest Western Australia.	Low
<i>Isoodon obesulus fusciventer</i>	Southern brown bandicoot, quenda			P5	Scrubby, often swampy, vegetation with dense cover up to 1m high, often feeds in adjacent forest and woodland that is burnt regularly and in areas of pasture and cropland lying close to dense cover.	High	High

Scientific name	Common name	Conservation codes			Preferred habitat	Extent of habitat in the survey area	Likelihood in the survey area
<i>Bettongia penicillata ogilbyi</i>	Brush-tailed bettong, woylie	EN	S1		Open forest and woodland with a low understorey of tussock grasses or woody scrub.	Low	Low
<i>Macropus irma</i>	Western brush wallaby			P4	Optimum habitat is open forest or woodland, particularly favouring open, seasonally-wet flats with low grasses and open scrubby thickets.	High	High
<i>Setonix brachyurus</i>	Quokka	VU	S1		Densely vegetated swamps and sometimes tea-tree thickets on sandy soils along creek systems and dense heath on slopes.	Low	Low
<i>Pseudocheirus occidentalis</i>	Western ringtail possum	VU	S1		Inhabit coastal peppermint/tuart associations from Bunbury to Albany. On Swan Coastal Plain the highest densities occur in habitats with dense, lush vegetation.	Low	Low
<i>Falsistrellus mackenziei</i>	Western false pipistrelle			P4	Wet sclerophyll forest dominated by karri and in high rainfall zones of the jarrah and tuart forests.	Low	Low
<i>Hydromys chrysogaster</i>	Water-rat			P4	Usually found near permanent bodies of fresh or brackish water along river and lake banks. They prefer areas with riparian vegetation and a degree of habitat complexity.	Low	Low
<b>HIGH</b> Species recorded within, or in proximity to, the survey area within 20 km; suitable habitat occurs							
<b>MODERATE</b> Species recorded outside survey area, but within 20 km; limited suitable habitat occurs							
<b>LOW</b> Species rarely, or not recorded, within 20 km, and/or suitable habitat does not occur							

### 3.3.5.2 Western Ringtail Possum Assessment

No evidence of western ringtail possums was recorded during the survey. The survey area does not contain any large stands of peppermint (*Agonis flexuosa*) or tuart (*Eucalyptus globulus*) trees, which is the preferred habitat of western ringtail possums.

### 3.3.5.3 Black Cockatoo Assessment

All three species of black cockatoo distributed for the southwest of Western Australia were recorded in the survey area, forest red-tailed black-cockatoo, Carnaby's cockatoo and Baudin's cockatoo. The locations of each recording are detailed in Table 6 and Figure 5.

Table 6: Black cockatoos species recorded opportunistically during the survey.

Species name	Common name	Easting	Northing	Observation type
<i>Calyptorhynchus banksii naso</i>	Forest red-tailed black cockatoo	388334	6300819	Voice-call
<i>Calyptorhynchus latirostris</i>	Carnaby's cockatoo	388257	6300539	2 individuals
		388162	6300336	7 individuals
<i>Calyptorhynchus baudinii</i>	Baudin's cockatoo	388145	6300758	Chewed marri fruit

A total of 80 eucalypt trees (31 jarrah and 49 marri) with a DBH greater than 50 cm were recorded in the survey area (Figure 5; Appendix F). Of the 80 trees recorded, 17 trees contained hollows potentially suitable for black cockatoos. Definitive evidence of past or current breeding activity by black cockatoos is difficult to ascertain; however, it did appear that two trees may be utilised by black cockatoos for breeding, as indicated by marked scratchings at the entrance of the hollow (Appendix F). Two of the other hollow bearing trees recorded contained an active hive of the introduced European honey bee (*Apis mellifera*).

The high number of marri and jarrah trees present within the survey area would provide considerable foraging opportunity and evidence in the form of chewed fruits was observed on numerous occasions within the site (Plates 4 - 7). Chewed jarrah and marri nuts were observed under many trees, characteristic of forest red-tail black cockatoos and/or Carnaby's cockatoo, occupying the survey area. In addition there was also evidence of Baudin's cockatoo chewed foraging evidence upon marri fruit (Plate 7). Given the homogenous nature of the vegetation, the entire survey area would be considered suitable black cockatoo foraging habitat.





Plate 4: Recently chewed marri fruit from forest red-tailed black cockatoo or Carnaby's cockatoo.



Plate 5: Recently chewed marri fruit from forest red-tailed black cockatoo or Carnaby's cockatoo.



Plate 6: Recently chewed marri fruit from forest red-tailed black cockatoo or Carnaby's cockatoo.



Plate 7: Recently chewed marri fruit from Baudin's cockatoo.





**Legend**

- Conservation Significant Fauna
- Habitat Assessment Location
- Road
- Banksia Rd Landfill Site
- Black-cockatoo Habitat Tree Location**
- ▲ *Corymbia calophylla* (Marri)
- ▲ *Eucalyptus marginata* (Jarrah)

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**Figure 5: Locations of Fauna Habitat Assessment, Conservation Significant Fauna and Black Cockatoo Habitat Trees.**

Author: V. Clarke

Drawn: C. Dyde

Date: 19-10-2015

Datum: GDA 1994  
 Projection: MGA Zone 50

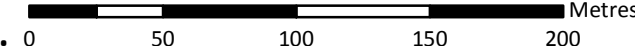


Figure Ref: 21135-15-BIDR-1Rev1\_151019\_Fig05\_FaunaMap



## 4 Discussion

### 4.1 Vegetation and Flora

The vegetation and flora survey did not record the presence of any conservation significant flora despite good seasonal conditions and intensive searches. The vegetation complex mapping of the area (Mattiske & Havel 1998) and the pre-European extent (DAFWA 2013) have been assessed as having sufficient percentage remaining that the proposed clearing would not be a significant issue in terms of local or State vegetation complex representation. Two jarrah-marri vegetation units were described for the survey area. In the adjacent Dardanup Conservation Park a PEC is recorded and the native vegetation within the survey area is mapped within the buffer of this PEC. The priority PEC *Corymbia haematoxylon* which was not recorded in the Banksia Road site.

The vegetation condition varied from 'degraded' to 'very good to excellent'. Areas adjacent to Dardanup Conservation Park were reasonably intact but areas close to the landfill operational areas were degraded.

### 4.2 Vertebrate Fauna

One fauna habitat type, jarrah-marri woodland was recorded in the survey area. This small parcel of woodland (~7.4 ha) is found at the eastern end of the survey area; the remaining part of the survey area is comprised of an existing pit facility and plantation. The vegetation in the jarrah-marri woodland would support the presence of a minor number of conservation significant fauna species, in part due to its connectivity with the Dardanup Conservation Park. This includes those species recorded during the survey (three species of black cockatoos and rainbow bee-eater) and those deemed as having a high likelihood of occurrence (crested shrike-tit, southern brown bandicoot and western brush wallaby). These species would be expected to occur at intermittent times in either a foraging and/or sheltering capacity.

The survey recorded all three species of conservation significant black cockatoo, with significant foraging evidence of forest red-tailed and/or Carnaby's cockatoo and minor evidence of Baudin's cockatoo foraging recorded. In addition forest red-tailed black-cockatoo and Carnaby's cockatoo were directly recorded within the survey area.

Habitat present within the survey area is consistent with the definition of breeding habitat for the three species of black cockatoo in accordance with the EPBC Act referral guidelines (DSEWPaC 2012). In addition the survey area lies within known breeding habitat for Baudin's black cockatoo under the EPBC Act referral guidelines (DSEWPaC 2012). Of the 80 potential breeding trees identified (DBH greater than 50 cm), 17 trees contained hollows potentially suitable for black cockatoo species. There was evidence of black cockatoos having or currently using two of the hollows; however the hollows were not internally inspected in detail due to their elevation so use by breeding black cockatoos cannot be accurately assessed. The hollows are also likely to provide habitat for other birds, reptiles and bats, and two of the other hollows observed contained the introduced European honey bee (*Apis mellifera*) which restricts the availability to black cockatoo species.

Given the survey area contains potential foraging and breeding habitat, vegetation clearing within the survey area may constitute a high risk of significant impact under the EPBC Act referral guidelines (DSEWPaC 2012) and therefore is likely to require referral to the DoE.

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## **Appendix A: Vegetation Classification and Condition Scales, and Fauna Habitat Condition Scales**

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Table A.1: Vegetation Classification System Specht (1970) as modified by Aplin (1979).

Stratum	70-100% cover	30-70% cover	10-30% cover	2-10% cover	<2% cover
<b>Trees &gt; 30 m</b>	Tall closed forest	Tall open Forest	Tall woodland	Tall open woodland	Scattered tall trees
<b>Trees 10-30 m</b>	Closed forest	Open forest	Woodland	Open woodland	Scattered trees
<b>Trees &lt; 10 m</b>	Low closed forest	Low open forest	Low woodland	Low open woodland	Scattered low trees
<b>Shrubs &gt; 2 m</b>	Tall closed scrub	Tall open scrub	Tall shrubland	Tall open shrubland	Scattered tall shrubs
<b>Shrubs 1-2 m</b>	Closed heath	Open heath	Shrubland	Open shrubland	Scattered shrubs
<b>Shrubs &lt; 1 m</b>	Low closed heath	Low open heath	Low shrubland	Low open shrubland	Scattered low shrubs
<b>Hummock grasses</b>	Closed hummock grassland	Hummock grassland	Open hummock grassland	Very open hummock grassland	Scattered hummock grasses
<b>Grasses, sedges, herbs</b>	Closed tussock grassland/ sedgeland/ herbland	Tussock grassland/ sedgeland/ herbland	Open tussock grassland/ sedgeland/ herbland	Very open tussock grassland/ sedgeland/ herbland	Scattered tussock grasses / sedges / herbs

Table A.2: Summary of adapted vegetation condition scale as adapted from ME Trudgen (1998) (Keighery 1994).

Vegetation condition	Condition description
<b>Pristine</b>	Pristine or nearly so, no obvious signs of disturbance
<b>Excellent</b>	Vegetation structure intact, disturbance affecting individual species and weeds are non-aggressive species
<b>Very Good</b>	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
<b>Good</b>	Vegetation structure significantly altered by very obvious signs of multiple disturbance. 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.
<b>Degraded</b>	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.
<b>Completely Degraded</b>	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.



Table A.3: Fauna habitat condition scale (Thompson and Thompson 2010).

Habitat condition	Condition description
<b>High Quality Fauna Habitat</b>	These areas closely approximate the vegetation mix and quality that would have been in the area prior to any human induced disturbance. The habitat has connectivity with other habitats and is likely to support the most natural vertebrate fauna assemblage.
<b>Very Good Fauna Habitat</b>	These areas show minimal signs of human induced disturbance (e.g. grazing, clearing, fragmentation, weeds) and retain almost all of the characteristics of the habitat had it not been disturbed. The habitat has connectivity with other habitats, and fauna assemblages in these areas are likely to be minimally effected by disturbance.
<b>Good Fauna Habitat</b>	These areas show signs of human induced disturbance (e.g. grazing, clearing, fragmentation, weeds) but generally retain many of the characteristics of the habitat had it not been disturbed. The habitat still retains some connectivity with other habitats but fauna assemblages in these areas are likely to be affected by disturbance. Fauna assemblages in these areas are likely to be similar to what might be expected in this habitat.
<b>Disturbed Fauna Habitat</b>	These areas show signs of human induced significant disturbance (e.g. mining, clearing, tracks and roads). Many of the trees, shrubs and undergrowth have died or have been cleared. These areas may be in the early succession and regeneration stages. Areas may show signs of significant grazing, contain an abundance of weeds or have been damaged by vehicles or machinery. Habitats are fragmented or have limited connectivity with other fauna habitats. Fauna assemblages in these areas are likely to differ significantly from what might be expected in the area had the disturbance not occurred.
<b>Highly Degraded Fauna Habitat</b>	These areas often have a significant human induced loss of vegetation, and / or a large number of vehicle tracks and / or have been completely cleared, and / or areas have been heavily grazed or farmed. There is limited or no fauna habitat connectivity. Fauna assemblages in these areas are likely to differ significantly from what existed prior to the disturbance, and are often depleted compared to what existed prior to the disturbance.

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## **Appendix B: Database Search Results**

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# 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: 10/11/14 15:52:13

[Summary](#)

[Details](#)

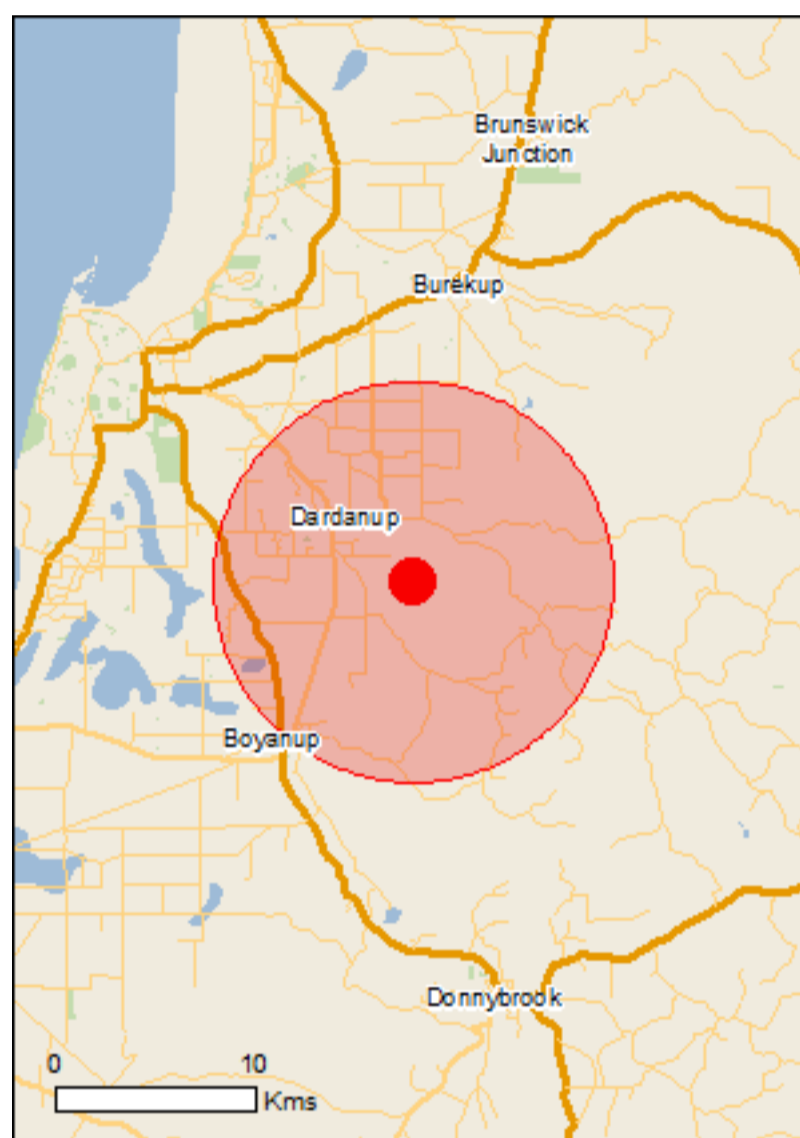
[Matters of NES](#)

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

[Extra Information](#)

[Caveat](#)

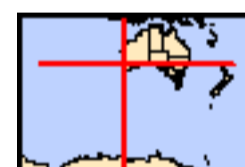
[Acknowledgements](#)



This map may contain data which are ©Commonwealth of Australia (Geoscience Australia), ©PSMA 2010

[Coordinates](#)

[Buffer: 10.0Km](#)



# 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](#).

<a href="#">World Heritage Properties:</a>	None
<a href="#">National Heritage Places:</a>	None
<a href="#">Wetlands of International Importance:</a>	None
<a href="#">Great Barrier Reef Marine Park:</a>	None
<a href="#">Commonwealth Marine Areas:</a>	None
<a href="#">Listed Threatened Ecological Communities:</a>	1
<a href="#">Listed Threatened Species:</a>	29
<a href="#">Listed Migratory Species:</a>	5

## 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 and the heritage values of a place on the Register of the National Estate.

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.

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.

<a href="#">Commonwealth Land:</a>	1
<a href="#">Commonwealth Heritage Places:</a>	None
<a href="#">Listed Marine Species:</a>	7
<a href="#">Whales and Other Cetaceans:</a>	None
<a href="#">Critical Habitats:</a>	None
<a href="#">Commonwealth Reserves Terrestrial:</a>	None
<a href="#">Commonwealth Reserves Marine</a>	None

## Extra Information

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

<a href="#">Place on the RNE:</a>	3
<a href="#">State and Territory Reserves:</a>	3
<a href="#">Regional Forest Agreements:</a>	1
<a href="#">Invasive Species:</a>	32
<a href="#">Nationally Important Wetlands:</a>	None
<a href="#">Key Ecological Features (Marine)</a>	None

## Details

### Matters of National Environmental Significance

#### 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
<a href="#">Claypans of the Swan Coastal Plain</a>	Critically Endangered	Community likely to occur within area

#### Listed Threatened Species

[\[ Resource Information \]](#)

Name	Status	Type of Presence
<b>Birds</b>		
<a href="#">Botaurus poiciloptilus</a> Australasian Bittern [1001]	Endangered	Species or species habitat known to occur within area
<a href="#">Calyptorhynchus banksii naso</a> Forest Red-tailed Black-Cockatoo, Karrak [67034]	Vulnerable	Species or species habitat may occur within area
<a href="#">Calyptorhynchus baudinii</a> Baudin's Black-Cockatoo, Long-billed Black-Cockatoo [769]	Vulnerable	Breeding known to occur within area
<a href="#">Calyptorhynchus latirostris</a> Carnaby's Black-Cockatoo, Short-billed Black-Cockatoo [59523]	Endangered	Breeding likely to occur within area
<a href="#">Sternula nereis nereis</a> Australian Fairy Tern [82950]	Vulnerable	Species or species habitat may occur within area
<b>Mammals</b>		
<a href="#">Bettongia penicillata ogilbyi</a> Woylie [66844]	Endangered	Species or species habitat may occur within area
<a href="#">Dasyurus geoffroii</a> Chuditch, Western Quoll [330]	Vulnerable	Species or species habitat known to occur within area
<a href="#">Pseudocheirus occidentalis</a> Western Ringtail Possum, Ngwayir [25911]	Vulnerable	Species or species habitat known to occur



Name	Status	Type of Presence within area
<a href="#">Setonix brachyurus</a> Quokka [229]	Vulnerable	Species or species habitat may occur within area
<b>Plants</b>		
<a href="#">Andersonia gracilis</a> Slender Andersonia [14470]	Endangered	Species or species habitat may occur within area
<a href="#">Banksia nivea subsp. uliginosa</a> Swamp Honeypot [82766]	Endangered	Species or species habitat may occur within area
<a href="#">Banksia squarrosa subsp. argillacea</a> Whicher Range Dryandra [82769]	Vulnerable	Species or species habitat may occur within area
<a href="#">Brachyscias verecundus</a> Ironstone Brachyscias [81321]	Critically Endangered	Species or species habitat may occur within area
<a href="#">Caladenia huegelii</a> King Spider-orchid, Grand Spider-orchid, Rusty Spider-orchid [7309]	Endangered	Species or species habitat likely to occur within area
<a href="#">Caladenia winfieldii</a> Majestic Spider-orchid [64504]	Endangered	Species or species habitat may occur within area
<a href="#">Centrolepis caespitosa</a> [6393]	Endangered	Species or species habitat likely to occur within area
<a href="#">Chamelaucium sp. C Coastal Plain (R.D.Royce 4872)</a> Royce's Waxflower [86887]	Vulnerable	Species or species habitat may occur within area
<a href="#">Darwinia foetida</a> Muceha Bell [83190]	Critically Endangered	Species or species habitat likely to occur within area
<a href="#">Darwinia whicherensis</a> Abba Bell [83193]	Endangered	Species or species habitat may occur within area
<a href="#">Diuris drummondii</a> Tall Donkey Orchid [4365]	Vulnerable	Species or species habitat likely to occur within area
<a href="#">Diuris micrantha</a> Dwarf Bee-orchid [55082]	Vulnerable	Species or species habitat likely to occur within area
<a href="#">Diuris purdiei</a> Purdie's Donkey-orchid [12950]	Endangered	Species or species habitat may occur within area
<a href="#">Drakaea elastica</a> Glossy-leafed Hammer-orchid, Praying Virgin [16753]	Endangered	Species or species habitat known to occur within area
<a href="#">Drakaea micrantha</a> Dwarf Hammer-orchid [56755]	Vulnerable	Species or species habitat known to occur within area
<a href="#">Eleocharis keigheryi</a> Keighery's Eleocharis [64893]	Vulnerable	Species or species habitat likely to occur within area
<a href="#">Gastrolobium papilio</a> Butterfly-leaved Gastrolobium [78415]	Endangered	Species or species habitat may occur within

Name	Status	Type of Presence area
<a href="#">Lambertia echinata subsp. occidentalis</a> Western Prickly Honeysuckle [64528]	Endangered	Species or species habitat may occur within area
<a href="#">Synaphea sp. Fairbridge Farm (D.Papenfus 696)</a> Selena's Synaphea [82881]	Critically Endangered	Species or species habitat known to occur within area
<a href="#">Synaphea stenoloba</a> Dwellingup Synaphea [66311]	Endangered	Species or species habitat may 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
<b>Migratory Marine Birds</b>		
<a href="#">Apus pacificus</a> Fork-tailed Swift [678]		Species or species habitat likely to occur within area
<b>Migratory Terrestrial Species</b>		
<a href="#">Haliaeetus leucogaster</a> White-bellied Sea-Eagle [943]		Species or species habitat likely to occur within area
<a href="#">Merops ornatus</a> Rainbow Bee-eater [670]		Species or species habitat may occur within area
<b>Migratory Wetlands Species</b>		
<a href="#">Ardea alba</a> Great Egret, White Egret [59541]		Breeding known to occur within area
<a href="#">Ardea ibis</a> Cattle Egret [59542]		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
<b>Birds</b>		
<a href="#">Apus pacificus</a> Fork-tailed Swift [678]		Species or species habitat likely to occur within area
<a href="#">Ardea alba</a> Great Egret, White Egret [59541]		Breeding known to occur within area
<a href="#">Ardea ibis</a> Cattle Egret [59542]		Species or species habitat likely to occur within area
<a href="#">Haliaeetus leucogaster</a> White-bellied Sea-Eagle [943]		Species or species habitat likely to occur within area

Name	Threatened	Type of Presence
<a href="#">Merops ornatus</a> Rainbow Bee-eater [670]		Species or species habitat may occur within area
<a href="#">Pandion haliaetus</a> Osprey [952]		Species or species habitat likely to occur within area
<a href="#">Thinornis rubricollis</a> Hooded Plover [59510]		Species or species habitat may occur within area

## Extra Information

### Places on the RNE [\[ Resource Information \]](#)

Note that not all Indigenous sites may be listed.

Name	State	Status
<b>Natural</b>		
<a href="#">Dardanup Management Priority Area</a>	WA	Indicative Place
<a href="#">South West Irrigation Area</a>	WA	Indicative Place
<b>Historic</b>		
<a href="#">Dardanup Park Homestead</a>	WA	Indicative Place

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

Name	State
Dardanup	WA
Unnamed WA49857	WA
Wellington	WA

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

Note that all areas with completed RFAs have been included.

Name	State
<a href="#">South West WA RFA</a>	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
<b>Birds</b>		
<a href="#">Anas platyrhynchos</a> Mallard [974]		Species or species habitat likely to occur within area
<a href="#">Columba livia</a> Rock Pigeon, Rock Dove, Domestic Pigeon [803]		Species or species habitat likely to occur within area
<a href="#">Passer domesticus</a> House Sparrow [405]		Species or species habitat likely to occur within area
<a href="#">Passer montanus</a> Eurasian Tree Sparrow [406]		Species or species habitat likely to occur within area
<a href="#">Streptopelia chinensis</a> Spotted Turtle-Dove [780]		Species or species

Name	Status	Type of Presence
<a href="#">Streptopelia senegalensis</a> Laughing Turtle-dove, Laughing Dove [781]		habitat likely to occur within area  Species or species habitat likely to occur within area
<a href="#">Sturnus vulgaris</a> Common Starling [389]		Species or species habitat likely to occur within area
<b>Mammals</b>		
<a href="#">Bos taurus</a> Domestic Cattle [16]		Species or species habitat likely to occur within area
<a href="#">Canis lupus familiaris</a> Domestic Dog [82654]		Species or species habitat likely to occur within area
<a href="#">Felis catus</a> Cat, House Cat, Domestic Cat [19]		Species or species habitat likely to occur within area
<a href="#">Feral deer</a> Feral deer species in Australia [85733]		Species or species habitat likely to occur within area
<a href="#">Mus musculus</a> House Mouse [120]		Species or species habitat likely to occur within area
<a href="#">Oryctolagus cuniculus</a> Rabbit, European Rabbit [128]		Species or species habitat likely to occur within area
<a href="#">Rattus rattus</a> Black Rat, Ship Rat [84]		Species or species habitat likely to occur within area
<a href="#">Sus scrofa</a> Pig [6]		Species or species habitat likely to occur within area
<a href="#">Vulpes vulpes</a> Red Fox, Fox [18]		Species or species habitat likely to occur within area
<b>Plants</b>		
<a href="#">Anredera cordifolia</a> 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
<a href="#">Asparagus asparagoides</a> Bridal Creeper, Bridal Veil Creeper, Smilax, Florist's Smilax, Smilax Asparagus [22473]		Species or species habitat likely to occur within area
<a href="#">Asparagus declinatus</a> Bridal Veil, Bridal Veil Creeper, Pale Berry Asparagus Fern, Asparagus Fern, South African Creeper [66908]		Species or species habitat likely to occur within area
<a href="#">Asparagus plumosus</a> Climbing Asparagus-fern [48993]		Species or species habitat likely to occur within area
<a href="#">Brachiaria mutica</a> Para Grass [5879]		Species or species habitat may occur within area
<a href="#">Cenchrus ciliaris</a> Buffel-grass, Black Buffel-grass [20213]		Species or species habitat may occur within area

Name	Status	Type of Presence
<a href="#">Chrysanthemoides monilifera</a> Bitou Bush, Boneseed [18983]		Species or species habitat may occur within area
<a href="#">Genista linifolia</a> Flax-leaved Broom, Mediterranean Broom, Flax Broom [2800]		Species or species habitat likely to occur within area
<a href="#">Genista sp. X Genista monspessulana</a> Broom [67538]		Species or species habitat may occur within area
<a href="#">Lycium ferocissimum</a> African Boxthorn, Boxthorn [19235]		Species or species habitat likely to occur within area
<a href="#">Olea europaea</a> Olive, Common Olive [9160]		Species or species habitat may occur within area
<a href="#">Pinus radiata</a> Radiata Pine Monterey Pine, Insignis Pine, Wilding Pine [20780]		Species or species habitat may occur within area
<a href="#">Protasparagus plumosus</a> Climbing Asparagus-fern, Ferny Asparagus [11747]		Species or species habitat likely to occur within area
<a href="#">Rubus fruticosus aggregate</a> Blackberry, European Blackberry [68406]		Species or species habitat likely to occur within area
<a href="#">Salix spp. except S.babylonica, S.x calodendron &amp; S.x reichardtii</a> Willows except Weeping Willow, Pussy Willow and Sterile Pussy Willow [68497]		Species or species habitat likely to occur within area
<a href="#">Solanum elaeagnifolium</a> Silver Nightshade, Silver-leaved Nightshade, White Horse Nettle, Silver-leaf Nightshade, Tomato Weed, White Nightshade, Bull-nettle, Prairie-berry, Satansbos, Silver-leaf Bitter-apple, Silverleaf-nettle, Trompillo [12323]		Species or species habitat likely to occur within area



# Coordinates

-33.4229 115.78809

## 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 Heritage and Register of National Estate properties, Wetlands of International 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.

For species where the distributions are well known, maps are digitised from sources such as recovery plans and detailed habitat studies. Where appropriate, core breeding, foraging and roosting areas are indicated under 'type of presence'. For species whose distributions are less well known, point locations are collated from government wildlife authorities, museums, and non-government organisations; bioclimatic distribution models are generated and these validated by experts. In some cases, the distribution maps are based solely on expert knowledge.

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.

# 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:

- [-Department of Environment, Climate Change and Water, New South Wales](#)
- [-Department of Sustainability and Environment, Victoria](#)
- [-Department of Primary Industries, Parks, Water and Environment, Tasmania](#)
- [-Department of Environment and Natural Resources, South Australia](#)
- [-Parks and Wildlife Service NT, NT Dept of Natural Resources, Environment and the Arts](#)
- [-Environmental and Resource Management, Queensland](#)
- [-Department of Environment and Conservation, Western Australia](#)
- [-Department of the Environment, Climate Change, Energy and Water](#)
- [-Birds Australia](#)
- [-Australian Bird and Bat Banding Scheme](#)
- [-Australian National Wildlife Collection](#)
- Natural history museums of Australia
- [-Museum Victoria](#)
- [-Australian Museum](#)
- [-SA 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, Atherton and Canberra](#)
- [-University of New England](#)
- [-Ocean Biogeographic Information System](#)
- [-Australian Government, Department of Defence](#)
- [-State Forests of NSW](#)
- [-Geoscience Australia](#)
- [-CSIRO](#)
- 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.

# NatureMap Species Report

Created By Guest user on 10/11/2014

**Kingdom** Animalia  
**Current Names Only** Yes  
**Core Datasets Only** Yes  
**Method** 'By Circle'  
**Centre** 115°47' 08" E,33°25' 23" S  
**Buffer** 20km  
**Group By** Family

Family	Species	Records
Acanthizidae	6	694
Accipitridae	6	114
Actinopodidae	2	10
Aegothelidae	2	5
Agamidae	2	5
Anatidae	12	1039
Araneidae	12	34
Archaeidae	1	2
Ardeidae	8	169
Arripidae	1	1
Artamidae	2	73
Atherinidae	1	1
Balaenidae	1	3
Balaenopteridae	1	1
Blenniidae	1	1
Bothriuridae	1	3
Bovidae	1	3
Burhinidae	1	1
Burramyidae	1	23
Campephagidae	1	132
Carangidae	2	3
Carcharhinidae	2	2
Casuariidae	1	13
Charadriidae	6	55
Cheilodactylidae	1	1
Cheloniidae	3	23
Cheluidae	1	2
Chthoniidae	1	2
Cinclosomatidae	1	1
Climacteridae	1	1
Clupeidae	1	1
Columbidae	5	258
Corvidae	3	357
Cracticidae	5	465
Cuculidae	3	31
Dasyuridae	5	47
Delphinidae	4	8
Desidae	1	1
Dicaeidae	1	2
Dicruridae	5	449
Diodontidae	2	2
Diomedeidae	3	7
Diplodactylidae	1	3
Echeneidae	1	1
Elapidae	11	46
Elopidae	1	1
Estrilidae	1	6
Falconidae	6	74
Felidae	1	1
Galaxiidae	1	2
Garypidae	1	1
Gekkonidae	2	24
Gempylidae	1	1
Geotriidae	1	12
Gobiidae	3	6
Gonorynchidae	1	1
Haematopodidae	1	74
Halcyonidae	3	240
Hemigaleidae	1	1
Hemiramphidae	2	2
Henicopidae	1	3
Hersiliidae	1	1
Heterodontidae	1	2
Hirundinidae	1	209
Hydrobatidae	1	1
Hylidae	2	27
Hyriidae	1	19
Idiopidae	1	21
Istiophoridae	1	1
Julidae	1	2
Labridae	1	2
Lamponidae	2	12
Laridae	5	6
Leporidae	1	2
Limnodynastidae	3	146

Linyphiidae	1	1
Lycosidae	9	22
Macropodidae	3	44
Macroramphosidae	1	1
Maluridae	4	238
Melephagidae	7	738
Meropidae	1	37
Micropolcommatidae	1	1
Migidae	1	20
Miturgidae	2	3
Monacanthidae	3	3
Monocentridae	1	6
Mugilidae	2	4
Muraenidae	1	1
Muridae	4	16
Myliobatidae	1	1
Myobatrachidae	6	107
Myrmecobiidae	1	1
Nemesiidae	2	43
Neopilionidae	1	1
Neosittidae	1	16
Nicodamidae	1	9
Ophichthidae	2	4
Ostraciidae	2	3
Otariidae	2	2
Otididae	1	1
Pachycephalidae	4	300
Paradoxosomatidae	2	7
Parastaciidae	2	2
Pardalotidae	3	193
Passeridae	2	2
Pataecidae	1	1
Pelecanidae	1	77
Pelecanoididae	1	1
Pentacerotidae	1	1
Peramelidae	1	34
Petroicidae	3	49
Phalacrocoracidae	6	285
Phalangeridae	2	8
Phasianidae	1	7
Phocidae	1	1
Pholcidae	1	1
Physeteridae	1	1
Platycephalidae	1	1
Podargidae	2	12
Podicipedidae	4	172
Potoroidae	1	6
Pristiophoridae	1	1
Procellariidae	10	29
Prodidomidae	1	1
Pseudocheiridae	1	754
Psittacidae	16	435
Pygopodidae	3	14
Rachycentridae	1	1
Rallidae	8	427
Recurvirostridae	3	39
Scincidae	22	283
Scolopacidae	14	174
Scolopendridae	3	7
Scombidae	2	4
Scorpaenidae	1	5
Scutigerellidae	1	3
Scutigeridae	1	3
Scyliorhinidae	2	2
Sillaginidae	1	2
Sparassidae	2	12
Spheniscidae	2	3
Sphyrnaenidae	1	1
Squalidae	1	3
Squatinae	1	1
Stiphidiidae	1	1
Strigidae	1	19
Suidae	1	3
Sylviidae	3	73
Syngnathidae	3	8
Tachyglossidae	1	1
Tetraodontidae	2	2
Tettigoniidae	1	1
Theridiidae	2	3
Threskiornithidae	4	407
Triacanthidae	1	17
Triakidae	2	2
Trichiuridae	2	3
Triglidae	2	3
Trochanteridae	1	2
Typhlopidae	2	13
Tytonidae	1	2
Uranoscopidae	1	1
Urodacidae	1	3
Urolophidae	2	2
Vespertilionidae	3	4
Ziphiidae	3	5
Zosteropidae	2	325
<b>TOTAL</b>	<b>424</b>	<b>10583</b>



Name ID	Species Name	Naturalised	Conservation Code	Endemic To Query Area
<b>Acanthizidae</b>				
1.	24260 <i>Acanthiza apicalis</i> (Broad-tailed Thornbill, Inland Thornbill)			
2.	24261 <i>Acanthiza chrysorrhoa</i> (Yellow-rumped Thornbill)			
3.	24262 <i>Acanthiza inornata</i> (Western Thornbill)			
4.	25530 <i>Gerygone fusca</i> (Western Gerygone)			
5.	25534 <i>Sericornis frontalis</i> (White-browed Scrubwren)			
6.	30948 <i>Smicronis brevirostris</i> (Weebill)			
<b>Accipitridae</b>				
7.	25535 <i>Accipiter cirrocephalus</i> (Collared Sparrowhawk)			
8.	25536 <i>Accipiter fasciatus</i> (Brown Goshawk)			
9.	24285 <i>Aquila audax</i> (Wedge-tailed Eagle)			
10.	24288 <i>Circus approximans</i> (Swamp Harrier)			
11.	24293 <i>Haliaeetus leucogaster</i> (White-bellied Sea-Eagle)		IA	
12.	24295 <i>Haliastur sphenurus</i> (Whistling Kite)			
<b>Actinopodidae</b>				
13.	-11885 <i>Missulena hoggi</i>			
14.	-12393 <i>Missulena occatoria</i>			
<b>Aegothelidae</b>				
15.	25544 <i>Aegotheles cristatus</i> (Australian Owlet-nightjar)			
16.	24301 <i>Aegotheles cristatus</i> subsp. <i>cristatus</i> (Australian Owlet-nightjar)			
<b>Agamidae</b>				
17.	25510 <i>Pogona minor</i> (Dwarf Bearded Dragon)			
18.	24907 <i>Pogona minor</i> subsp. <i>minor</i> (Dwarf Bearded Dragon)			
<b>Anatidae</b>				
19.	24310 <i>Anas castanea</i> (Chestnut Teal)			
20.	24312 <i>Anas gracilis</i> (Grey Teal)			
21.	24313 <i>Anas platyrhynchos</i> (Mallard)			
22.	24315 <i>Anas rhynchotis</i> (Australasian Shoveler)			
23.	24316 <i>Anas superciliosa</i> (Pacific Black Duck)			
24.	24318 <i>Aythya australis</i> (Hardhead)			
25.	24319 <i>Biziura lobata</i> (Musk Duck)			
26.	24321 <i>Chenonetta jubata</i> (Australian Wood Duck, Wood Duck)			
27.	24322 <i>Cygnus atratus</i> (Black Swan)			
28.	24326 <i>Malacorhynchus membranaceus</i> (Pink-eared Duck)			
29.	24328 <i>Oxyura australis</i> (Blue-billed Duck)			
30.	24331 <i>Tadorna tadornoides</i> (Australian Shelduck, Mountain Duck)			
<b>Araneidae</b>				
31.	-12651 <i>Araneus senicaudatus</i>			
32.	-13405 <i>Araneus senicaudatus</i> subsp. <i>simplex</i>			Y
33.	-1868 <i>Argiope protensa</i>			
34.	-13710 <i>Argiope trifasciata</i>			
35.	-12265 <i>Arkys walckenaeri</i>			
36.	-12293 <i>Austracantha minax</i>			
37.	-12554 <i>Backobourkia brounii</i>			
38.	-13641 <i>Backobourkia heroine</i>			
39.	-12137 <i>Celaenia excavata</i>			
40.	-13714 <i>Cyclosa trilobata</i>			
41.	-12292 <i>Cyrtophora parnasia</i>			
42.	-12379 <i>Eriophora biapicata</i>			
<b>Archaeidae</b>				
43.	-13203 <i>Zephyrarchaea janineae</i>			
<b>Ardeidae</b>				
44.	25556 <i>Ardea alba</i> (Great Egret)			
45.	25558 <i>Ardea ibis</i> (Cattle Egret)		IA	
46.	41324 <i>Ardea modesta</i> (Eastern Great Egret)		IA	
47.	24340 <i>Ardea novaehollandiae</i> (White-faced Heron)			
48.	24341 <i>Ardea pacifica</i> (White-necked Heron)			
49.	24347 <i>Ixobrychus flavicollis</i> subsp. <i>australis</i> (Australian Black Bittern)		P3	
50.	24348 <i>Ixobrychus minutus</i> subsp. <i>dubius</i> (Australian Little Bittern)		P4	
51.	25564 <i>Nycticorax caledonicus</i> (Rufous Night Heron)			
<b>Arripidae</b>				
52.	-17130 <i>Arripis truttacea</i>			

Name ID	Species Name	Naturalised	Conservation Code	<sup>1</sup> Endemic To Query Area
<b>Artamidae</b>				
53.	25566 <i>Artamus cinereus</i> (Black-faced Woodswallow)			
54.	24353 <i>Artamus cyanopterus</i> (Dusky Woodswallow)			
<b>Atherinidae</b>				
55.	-16035 <i>Atherinosoma elongata</i>			
<b>Balaenidae</b>				
56.	24043 <i>Eubalaena australis</i> (Southern Right Whale)		T	
<b>Balaenopteridae</b>				
57.	24044 <i>Balaenoptera acutorostrata</i> (Dwarf Minke Whale)			
<b>Blenniidae</b>				
58.	-16477 <i>Parablennius postocolomaculatus</i>			
<b>Bothriuridae</b>				
59.	-12386 <i>Cercophonius sulcatus</i>			
<b>Bovidae</b>				
60.	24251 <i>Bos taurus</i> (European Cattle)	Y		
<b>Burhinidae</b>				
61.	24359 <i>Burhinus grallarius</i> (Bush Stone-curlew)		P4	
<b>Burramyidae</b>				
62.	24086 <i>Cercartetus concinnus</i> (Western Pygmy-possum, Mundarda)			
<b>Campephagidae</b>				
63.	25568 <i>Coracina novaehollandiae</i> (Black-faced Cuckoo-shrike)			
<b>Carangidae</b>				
64.	-15650 <i>Trachinotus bailloni</i>			
65.	-14143 <i>Trachurus novaezelandiae</i>			
<b>Carcharhinidae</b>				
66.	-16499 <i>Carcharhinus</i> sp.			
67.	-16302 <i>Prionace glauca</i>			
<b>Casuariidae</b>				
68.	24470 <i>Dromaius novaehollandiae</i> (Emu)			
<b>Charadriidae</b>				
69.	25575 <i>Charadrius leschenaultii</i> (Greater Sand Plover)		IA	
70.	24376 <i>Charadrius rubricollis</i> (Hooded Plover)		P4	
71.	24377 <i>Charadrius ruficapillus</i> (Red-capped Plover)			
72.	24382 <i>Pluvialis fulva</i> (Pacific Golden Plover)		IA	
73.	24383 <i>Pluvialis squatarola</i> (Grey Plover)		IA	
74.	24386 <i>Vanellus tricolor</i> (Banded Lapwing)			
<b>Cheilodactylidae</b>				
75.	-15460 <i>Dactylophora nigricans</i>			
<b>Cheloniidae</b>				
76.	25335 <i>Caretta caretta</i> (Loggerhead Turtle)		T	
77.	25336 <i>Chelonia mydas</i> (Green Turtle)		T	
78.	25344 <i>Natator depressus</i> (Flatback Turtle)		T	
<b>Cheluidae</b>				
79.	43380 <i>Chelodina colliei</i> (Oblong Turtle)			
<b>Chthoniidae</b>				
80.	-12836 <i>Lagynochthonius australicus</i>			
<b>Cinclosomatidae</b>				
81.	24388 <i>Psophodes nigrogularis</i> subsp. <i>nigrogularis</i> (Western Whipbird (western heath))		T	
<b>Climacteridae</b>				
82.	24396 <i>Climacteris rufa</i> (Rufous Treecreeper)			
<b>Clupeidae</b>				
83.	-14292 <i>Hyperlophus vittatus</i>			
<b>Columbidae</b>				
84.	24399 <i>Columba livia</i> (Domestic Pigeon)	Y		
85.	24407 <i>Ocyphaps lophotes</i> (Crested Pigeon)			
86.	24409 <i>Phaps chalcoptera</i> (Common Bronzewing)			
87.	25589 <i>Streptopelia chinensis</i> (Spotted Turtle-Dove)	Y		
88.	25590 <i>Streptopelia senegalensis</i> (Laughing Turtle-Dove)	Y		
<b>Corvidae</b>				

Name ID	Species Name	Naturalised	Conservation Code	<sup>1</sup> Endemic To Query Area
89.	25592 <i>Corvus coronoides</i> (Australian Raven)			
90.	24417 <i>Corvus coronoides</i> subsp. <i>perplexus</i> (Australian Raven)			
91.	-13968 <i>Corvus splendens</i> subsp. <i>protegatus</i>			
<b>Cracticidae</b>				
92.	24420 <i>Cracticus nigrogularis</i> (Pied Butcherbird)			
93.	25595 <i>Cracticus tibicen</i> (Australian Magpie)			
94.	-13803 <i>Cracticus torquatus</i>			
95.	25596 <i>Cracticus torquatus</i> (Grey Butcherbird)			
96.	25597 <i>Strepera versicolor</i> (Grey Currawong)			
<b>Cuculidae</b>				
97.	25598 <i>Cacomantis flabelliformis</i> (Fan-tailed Cuckoo)			
98.	42307 <i>Cacomantis pallidus</i> (Pallid Cuckoo)			
99.	24432 <i>Chrysococcyx lucidus</i> subsp. <i>plagosus</i> (Shining Bronze Cuckoo)			
<b>Dasyuridae</b>				
100.	24088 <i>Antechinus flavipes</i> subsp. <i>leucogaster</i> (Yellow-footed Antechinus, Mardo)			
101.	24092 <i>Dasyurus geoffroi</i> (Chuditch, Western Quoll)		T	
102.	25508 <i>Phascogale tapoatafa</i> (Brush-tailed Phascogale)			
103.	24099 <i>Phascogale tapoatafa</i> subsp. <i>tapoatafa</i> (Southern Brush-tailed Phascogale, Wambenger)		T	
104.	-18253 <i>Sminthopsis murina</i>			
<b>Delphinidae</b>				
105.	-18202 <i>Stenella coeruleoalba</i>			
106.	-18268 <i>Stenella longirostris</i>			
107.	30954 <i>Tursiops aduncus</i> (Indo-Pacific Bottlenose Dolphin)			
108.	24069 <i>Tursiops truncatus</i> (Bottlenose Dolphin)			
<b>Desidae</b>				
109.	-12989 <i>Badumna insignis</i>			
<b>Dicaeidae</b>				
110.	25607 <i>Dicaeum hirundinaceum</i> (Mistletoebird)			
<b>Dicruridae</b>				
111.	24443 <i>Grallina cyanoleuca</i> (Magpie-lark)			
112.	25610 <i>Myiagra inquieta</i> (Restless Flycatcher)			
113.	25613 <i>Rhipidura fuliginosa</i> (Grey Fantail)			
114.	25614 <i>Rhipidura leucophrys</i> (Willie Wagtail)			
115.	25616 <i>Rhipidura rufiventris</i> (Northern Fantail)			
<b>Diodontidae</b>				
116.	-17534 <i>Diodon nichthemerus</i>			
117.	-17569 <i>Diodon</i> sp.			
<b>Diomedeidae</b>				
118.	24468 <i>Diomedea chrysostoma</i> (Grey-headed Albatross)		T	
119.	25618 <i>Diomedea exulans</i> (Wandering Albatross)		T	
120.	34134 <i>Thalassarche carteri</i> (Indian Yellow-nosed Albatross)		T	
<b>Diplodactylidae</b>				
121.	24939 <i>Diplodactylus polyophthalmus</i>			
<b>Echeneidae</b>				
122.	-16237 <i>Echeneis naucrates</i>			
<b>Elapidae</b>				
123.	25251 <i>Echiopsis curta</i> (Bardick)			
124.	25250 <i>Elapognathus coronatus</i> (Crowned Snake)			
125.	-18385 <i>Hydrophis major</i>			
126.	42410 <i>Hydrophis ornatus</i>			
127.	43384 <i>Hydrophis platurus</i> (Yellow-bellied Seasnake)			
128.	25248 <i>Neelaps bimaculatus</i> (Black-naped Snake)			
129.	25252 <i>Notechis scutatus</i> (Tiger Snake)			
130.	25253 <i>Parasuta gouldii</i>			
131.	25255 <i>Parasuta nigriceps</i>			
132.	25259 <i>Pseudonaja affinis</i> subsp. <i>affinis</i> (Dugite)			
133.	25266 <i>Simoselaps bertholdi</i> (Jan's Banded Snake)			
<b>Elopidae</b>				
134.	-15053 <i>Elops hawaiiensis</i>			
<b>Estrilidae</b>				
135.	24645 <i>Stagonopleura oculata</i> (Red-eared Firetail)			

Name ID	Species Name	Naturalised	Conservation Code	<sup>1</sup> Endemic To Query Area
<b>Falconidae</b>				
136.	25621 <i>Falco berigora</i> (Brown Falcon)			
137.	25622 <i>Falco cenchroides</i> (Australian Kestrel)			
138.	24472 <i>Falco cenchroides</i> subsp. <i>cenchroides</i> (Australian Kestrel)			
139.	25623 <i>Falco longipennis</i> (Australian Hobby)			
140.	25624 <i>Falco peregrinus</i> (Peregrine Falcon)		S	
141.	24475 <i>Falco peregrinus</i> subsp. <i>macropus</i> (Australian Peregrine Falcon)		S	
<b>Felidae</b>				
142.	24041 <i>Felis catus</i> (Cat)	Y		
<b>Galaxiidae</b>				
143.	34028 <i>Galaxias occidentalis</i> (Western Minnow)			
<b>Garypidae</b>				
144.	-11998 <i>Synsphyronus magnus</i>			
<b>Gekkonidae</b>				
145.	24980 <i>Christinus marmoratus</i> (Marbled Gecko)			
146.	24983 <i>Underwoodisaurus milii</i> (Barking Gecko)			
<b>Gemphylidae</b>				
147.	-17232 <i>Thyrsites atun</i>			
<b>Geotriidae</b>				
148.	34030 <i>Geotria australis</i> (Pouched Lamprey)		P1	
<b>Gobiidae</b>				
149.	-15682 <i>Acentrogobius bifrenatus</i>			
150.	-16611 <i>Arenigobius bifrenatus</i>			
151.	-16490 <i>Pseudogobius olorum</i>			
<b>Gonorynchidae</b>				
152.	-16971 <i>Gonorynchus greyi</i>			
<b>Haematopodidae</b>				
153.	24487 <i>Haematopus longirostris</i> (Pied Oystercatcher)			
<b>Halcyonidae</b>				
154.	30901 <i>Dacelo novaeguineae</i> (Laughing Kookaburra)	Y		
155.	25549 <i>Todiramphus sanctus</i> (Sacred Kingfisher)			
156.	24309 <i>Todiramphus sanctus</i> subsp. <i>sanctus</i> (Sacred Kingfisher)			
<b>Hemigaleidae</b>				
157.	-16259 <i>Hemipristis elongata</i>			
<b>Hemiramphidae</b>				
158.	-18106 <i>Euleptorhamphus viridis</i>			
159.	-15401 <i>Hyporhamphus melanochir</i>			
<b>Henicopidae</b>				
160.	-12598 <i>Henicops dentatus</i>			
<b>Hersiliidae</b>				
161.	-12570 <i>Tamopsis distinguenda</i>			
<b>Heterodontidae</b>				
162.	-17807 <i>Heterodontus portusjacksoni</i>			
<b>Hirundinidae</b>				
163.	24491 <i>Hirundo neoxena</i> (Welcome Swallow)			
<b>Hydrobatidae</b>				
164.	24497 <i>Oceanites oceanicus</i> (Wilson's Storm Petrel)		IA	
<b>Hylidae</b>				
165.	25378 <i>Litoria adelaidensis</i> (Slender Tree Frog)			
166.	25388 <i>Litoria moorei</i> (Motorbike Frog)			
<b>Hyridae</b>				
167.	34113 <i>Westralunio carteri</i> (Carter's Freshwater Mussel)		P4	
<b>Idiopidae</b>				
168.	-13168 <i>Idiosoma sigillatum</i>			
<b>Istiophoridae</b>				
169.	-15194 <i>Makaira indica</i>			
<b>Julidae</b>				
170.	-13056 <i>Ommatoiulus moreletii</i>			



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<b>Labridae</b>				
171.	-16976 <i>Ophthalmolepis lineolatus</i>			
<b>Lamponidae</b>				
172.	-12831 <i>Lampona brevipes</i>			
173.	-1834 <i>Lampona cylindrata</i>			
<b>Laridae</b>				
174.	24506 <i>Anous tenuirostris subsp. melanops</i> (Australian Lesser Noddy)		T	
175.	25638 <i>Larus pacificus</i> (Pacific Gull)			
176.	24522 <i>Sterna bergii</i> (Crested Tern)			
177.	25642 <i>Sterna hirundo</i> (Common Tern)		IA	
178.	25644 <i>Sterna nereis</i> (Fairy Tern)			
<b>Leporidae</b>				
179.	24085 <i>Oryctolagus cuniculus</i> (Rabbit)	Y		
<b>Limnodynastidae</b>				
180.	25410 <i>Heleioporus eyrei</i> (Moaning Frog)			
181.	25411 <i>Heleioporus inornatus</i> (Whooping Frog)			
182.	25415 <i>Limnodynastes dorsalis</i> (Western Banjo Frog)			
<b>Linyphiidae</b>				
183.	-13448 <i>Erigone prominens</i>			
<b>Lycosidae</b>				
184.	-12574 <i>Artoria flavimana</i>			
185.	-11880 <i>Artoria linnaei</i>			
186.	-12177 <i>Artoriopsis exposita</i>			
187.	-13653 <i>Dingosa serrata</i>			
188.	-13258 <i>Hogna crispipes</i>			
189.	-12412 <i>Kangarosa properipes</i>			
190.	-13661 <i>Tasmanicosa leuckartii</i>			
191.	-12802 <i>Tetralycosa oraria</i>			
192.	-12178 <i>Venator immansueta</i>			
<b>Macropodidae</b>				
193.	24132 <i>Macropus fuliginosus</i> (Western Grey Kangaroo)			
194.	24133 <i>Macropus irma</i> (Western Brush Wallaby)		P4	
195.	24145 <i>Setonix brachyurus</i> (Quokka)		T	
<b>Macroramphosidae</b>				
196.	-15582 <i>Macroramphosus scolopax</i>			
<b>Maluridae</b>				
197.	25650 <i>Malurus elegans</i> (Red-winged Fairy-wren)			
198.	25654 <i>Malurus splendens</i> (Splendid Fairy-wren)			
199.	25655 <i>Stipiturus malachurus</i> (Southern Emu-wren)			
200.	24554 <i>Stipiturus malachurus subsp. westernensis</i> (Southern Emu-wren)			
<b>Meliphagidae</b>				
201.	24560 <i>Acanthorhynchus superciliosus</i> (Western Spinebill)			
202.	24561 <i>Anthochaera carunculata</i> (Red Wattlebird)			
203.	24562 <i>Anthochaera lunulata</i> (Western Little Wattlebird)			
204.	24567 <i>Epthianura albiglans</i> (White-fronted Chat)			
205.	25661 <i>Lichmera indistincta</i> (Brown Honeyeater)			
206.	24596 <i>Phylidonyris novaehollandiae</i> (New Holland Honeyeater)			
207.	42340 <i>Ptilotula ornatus</i> (Yellow-plumed Honeyeater)			
<b>Meropidae</b>				
208.	24598 <i>Merops ornatus</i> (Rainbow Bee-eater)		IA	
<b>Micropholcommatidae</b>				
209.	-12163 <i>Raveniella peckorum</i>			
<b>Migidae</b>				
210.	33921 <i>Moggridgea tingle</i> (Tingle Trapdoor Spider)		T	
<b>Miturgidae</b>				
211.	-11835 <i>Mituliodon tarantulinus</i>			
212.	-12354 <i>Mitzoruga insularis</i>			
<b>Monacanthidae</b>				
213.	-14386 <i>Eubalichthys</i> sp.			
214.	-17824 <i>Meuschenia freycineti</i>			
215.	-17067 <i>Nelusetta ayraudi</i>			
<b>Monocentrididae</b>				

Name ID	Species Name	Naturalised	Conservation Code	<sup>1</sup> Endemic To Query Area
216.	-17863 <i>Cleidopus gloriamaris</i>			
<b>Mugilidae</b>				
217.	-17845 <i>Aldrichetta forsteri</i>			
218.	-17809 <i>Mugil cephalus</i>			
<b>Muraenidae</b>				
219.	-14093 <i>Gymnothorax woodwardi</i>			
<b>Muridae</b>				
220.	24215 <i>Hydromys chrysogaster</i> (Water-rat)		P4	
221.	24223 <i>Mus musculus</i> (House Mouse)	Y		
222.	24243 <i>Rattus fuscipes</i> (Western Bush Rat)			
223.	24245 <i>Rattus rattus</i> (Black Rat)	Y		
<b>Myliobatidae</b>				
224.	-15088 <i>Myliobatis</i> sp.			
<b>Myobatrachidae</b>				
225.	25398 <i>Crinia georgiana</i> (Quacking Frog)			
226.	25399 <i>Crinia glauerti</i> (Clicking Frog)			
227.	25400 <i>Crinia insignifera</i> (Squelching Froglet)			
228.	25401 <i>Crinia pseudinsignifera</i> (Bleating Froglet)			
229.	25404 <i>Geocrinia leai</i> (Ticking Frog)			
230.	25433 <i>Pseudophryne guentheri</i> (Crawling Toadlet)			
<b>Myrmecobiidae</b>				
231.	24146 <i>Myrmecobius fasciatus</i> (Numbat, Walpurti)		T	
<b>Nemesiidae</b>				
232.	-12754 <i>Aname mainae</i>			
233.	-12982 <i>Aname tepperi</i>			
<b>Neopilionidae</b>				
234.	-12377 <i>Ballarra longipalpus</i>			
<b>Neosittidae</b>				
235.	25673 <i>Daphoenositta chrysoptera</i> (Varied Sittella)			
<b>Nicodamidae</b>				
236.	-1773 <i>Nicodamus mainae</i>			
<b>Ophichthidae</b>				
237.	-15632 <i>Muraenichthys tasmaniensis</i>			
238.	-14986 <i>Ophisurus serpens</i>			
<b>Ostraciidae</b>				
239.	-15768 <i>Anoplocapros lenticularis</i>			
240.	-16473 <i>Aracana aurita</i>			
<b>Otariidae</b>				
241.	24209 <i>Arctocephalus tropicalis</i> (Sub-antarctic Fur Seal)			
242.	24210 <i>Neophoca cinerea</i> (Australian Sea Lion)		S	
<b>Otididae</b>				
243.	24610 <i>Ardeotis australis</i> (Australian Bustard)		P4	
<b>Pachycephalidae</b>				
244.	25675 <i>Colluricincla harmonica</i> (Grey Shrike-thrush)			
245.	24616 <i>Falculunculus frontatus</i> subsp. <i>leucogaster</i> (Western Shrike-tit, Crested Shrike-tit)		P4	
246.	25679 <i>Pachycephala pectoralis</i> (Golden Whistler)			
247.	25680 <i>Pachycephala rufiventris</i> (Rufous Whistler)			
<b>Paradoxosomatidae</b>				
248.	-13664 <i>Akamptogonus novarae</i>			
249.	-12215 <i>Antichiropus nanus</i>			
<b>Parastacidae</b>				
250.	33939 <i>Cherax cainii</i> (Marron)			
251.	33940 <i>Cherax tenuimanus</i> (Margaret River Marron, Hairy Marron)		T	
<b>Pardalotidae</b>				
252.	25681 <i>Pardalotus punctatus</i> (Spotted Pardalote)			
253.	24626 <i>Pardalotus punctatus</i> subsp. <i>xanthopyge</i> (Yellow-rumped Pardalote)			
254.	25682 <i>Pardalotus striatus</i> (Striated Pardalote)			
<b>Passeridae</b>				
255.	25687 <i>Passer domesticus</i> (House Sparrow)	Y		
256.	24642 <i>Passer montanus</i> (Eurasian Tree Sparrow)	Y		

Name ID	Species Name	Naturalised	Conservation Code	<sup>1</sup> Endemic To Query Area
<b>Pataecidae</b>				
257.	-16056 <i>Aetapcus maculatus</i>			
<b>Pelecanidae</b>				
258.	24648 <i>Pelecanus conspicillatus</i> (Australian Pelican)			
<b>Pelecanoididae</b>				
259.	24649 <i>Pelecanoides urinatrix</i> subsp. <i>exsul</i> (Common Diving Petrel)			
<b>Pentacerotidae</b>				
260.	-17269 <i>Parazanclostius hutchinsi</i>			
<b>Peramelidae</b>				
261.	24153 <i>Isoodon obesulus</i> subsp. <i>fusciventer</i> (Quenda, Southern Brown Bandicoot)		P5	
<b>Petroicidae</b>				
262.	24651 <i>Eopsaltria australis</i> subsp. <i>griseogularis</i> (Western Yellow Robin)			
263.	24652 <i>Eopsaltria georgiana</i> (White-breasted Robin)			
264.	24660 <i>Petroica multicolor</i> subsp. <i>campbelli</i> (Scarlet Robin)			
<b>Phalacrocoracidae</b>				
265.	25697 <i>Phalacrocorax carbo</i> (Great Cormorant)			
266.	24664 <i>Phalacrocorax carbo</i> subsp. <i>novaehollandiae</i> (Great Cormorant)			
267.	24665 <i>Phalacrocorax fuscescens</i> (Black-faced Cormorant)			
268.	24667 <i>Phalacrocorax sulcirostris</i> (Little Black Cormorant)			
269.	25699 <i>Phalacrocorax varius</i> (Pied Cormorant)			
270.	24668 <i>Phalacrocorax varius</i> subsp. <i>hypoleucos</i> (Pied Cormorant)			
<b>Phalangeridae</b>				
271.	25521 <i>Trichosurus vulpecula</i> (Common Brushtail Possum)			
272.	24158 <i>Trichosurus vulpecula</i> subsp. <i>vulpecula</i> (Common Brushtail Possum)			
<b>Phasianidae</b>				
273.	24671 <i>Coturnix pectoralis</i> (Stubble Quail)			
<b>Phocidae</b>				
274.	-18187 <i>Lobodon carcinophaga</i>			
<b>Pholcidae</b>				
275.	-12329 <i>Pholcus phalangioides</i>			
<b>Physeteridae</b>				
276.	24073 <i>Physeter macrocephalus</i> (Sperm Whale)		P4	
<b>Platycephalidae</b>				
277.	-15644 <i>Platycephalus speculator</i>			
<b>Podargidae</b>				
278.	25703 <i>Podargus strigoides</i> (Tawny Frogmouth)			
279.	24679 <i>Podargus strigoides</i> subsp. <i>brachypterus</i> (Tawny Frogmouth)			
<b>Podicipedidae</b>				
280.	25704 <i>Podiceps cristatus</i> (Great Crested Grebe)			
281.	24681 <i>Poliiocephalus poliocephalus</i> (Hoary-headed Grebe)			
282.	25705 <i>Tachybaptus novaehollandiae</i> (Australasian Grebe, Black-throated Grebe)			
283.	24682 <i>Tachybaptus novaehollandiae</i> subsp. <i>novaehollandiae</i> (Australasian Grebe, Black-throated Grebe)			
<b>Potoroidae</b>				
284.	24162 <i>Bettongia penicillata</i> subsp. <i>ogilbyi</i> (Woylie, Brush-tailed Bettong)			T
<b>Pristiophoridae</b>				
285.	-15422 <i>Pristiophorus nudipinnis</i>			
<b>Procellariidae</b>				
286.	24689 <i>Halobaena caerulea</i> (Blue Petrel)			
287.	24690 <i>Macronectes giganteus</i> (Southern Giant Petrel)		P4	
288.	24692 <i>Pachyptila belcheri</i> (Slender-billed Prion)			
289.	24693 <i>Pachyptila desolata</i> (Antarctic Prion)			
290.	25707 <i>Pachyptila salvini</i> (Salvin's Prion)			
291.	24702 <i>Pterodroma brevirostris</i> (Kerguelen Petrel)			
292.	24703 <i>Pterodroma lessonii</i> (White-headed Petrel)			
293.	-14066 <i>Pterodroma macroptera</i> subsp. <i>macroptera</i>			
294.	25711 <i>Pterodroma mollis</i> (Soft-plumaged Petrel)			
295.	24711 <i>Puffinus assimilis</i> subsp. <i>assimilis</i> (Little Shearwater)			
<b>Prodidomidae</b>				
296.	-12975 <i>Cryptoerithus quobba</i>			

Name ID	Species Name	Naturalised	Conservation Code	<sup>1</sup> Endemic To Query Area
<b>Pseudocheiridae</b>				
297.	24166 <i>Pseudocheirus occidentalis</i> (Western Ringtail Possum)		T	
<b>Psittacidae</b>				
298.	25714 <i>Cacatua pastinator</i> (Western Long-billed Corella)			
299.	25716 <i>Cacatua sanguinea</i> (Little Corella)			
300.	25717 <i>Calyptorhynchus banksii</i> (Red-tailed Black-Cockatoo)			
301.	24731 <i>Calyptorhynchus banksii</i> subsp. <i>naso</i> (Forest Red-tailed Black-Cockatoo)		T	
302.	24733 <i>Calyptorhynchus baudinii</i> (Baudin's Cockatoo (long-billed black-cockatoo), Baudin's Cockatoo)		T	
303.	24734 <i>Calyptorhynchus latirostris</i> (Carnaby's Cockatoo (short-billed black-cockatoo), Carnaby's Cockatoo)		T	
304.	24735 <i>Glossopsitta porphyrocephala</i> (Purple-crowned Lorikeet)			
305.	24738 <i>Neophema elegans</i> (Elegant Parrot)			
306.	24739 <i>Neophema petrophila</i> (Rock Parrot)			
307.	25720 <i>Platycercus icterotis</i> (Western Rosella)			
308.	24745 <i>Platycercus icterotis</i> subsp. <i>icterotis</i> (Western Rosella)			
309.	24747 <i>Platycercus spurius</i> (Red-capped Parrot)			
310.	25721 <i>Platycercus zonarius</i> (Australian Ringneck, Ring-necked Parrot)			
311.	24750 <i>Platycercus zonarius</i> subsp. <i>semitorquatus</i> (Twenty-eight Parrot)			
312.	25722 <i>Polytelis anthopeplus</i> (Regent Parrot)			
313.	24755 <i>Trichoglossus haematodus</i> subsp. <i>moluccanus</i> (Rainbow Lorikeet)	Y		
<b>Pygopodidae</b>				
314.	24990 <i>Aprasia pulchella</i> (Granite Worm-lizard)			
315.	24991 <i>Aprasia repens</i> (Sand-plain Worm-lizard)			
316.	25005 <i>Lialis burtonis</i>			
<b>Rachycentridae</b>				
317.	-16025 <i>Rachycentron canadum</i>			
<b>Rallidae</b>				
318.	25727 <i>Fulica atra</i> (Eurasian Coot)			
319.	25729 <i>Gallinula tenebrosa</i> (Dusky Moorhen)			
320.	24763 <i>Gallinula tenebrosa</i> subsp. <i>tenebrosa</i> (Dusky Moorhen)			
321.	25730 <i>Gallirallus philippensis</i> (Buff-banded Rail)			
322.	24765 <i>Gallirallus philippensis</i> subsp. <i>mellori</i> (Buff-banded Rail)			
323.	25731 <i>Porphyrio porphyrio</i> (Purple Swamphen)			
324.	24767 <i>Porphyrio porphyrio</i> subsp. <i>bellus</i> (Purple Swamphen)			
325.	24771 <i>Porzana tabuensis</i> (Spotless Crane)			
<b>Recurvirostridae</b>				
326.	24774 <i>Cladorhynchus leucocephalus</i> (Banded Stilt)			
327.	25734 <i>Himantopus himantopus</i> (Black-winged Stilt)			
328.	24776 <i>Recurvirostra novaehollandiae</i> (Red-necked Avocet)			
<b>Scincidae</b>				
329.	42368 <i>Acritoscincus trilineatus</i> (Western Three-lined Skink)			
330.	30893 <i>Cryptoblepharus buchananii</i>			
331.	25027 <i>Ctenotus australis</i>			
332.	25039 <i>Ctenotus fallens</i>			
333.	25047 <i>Ctenotus impar</i>			
334.	25049 <i>Ctenotus labillardieri</i>			
335.	41641 <i>Ctenotus ora</i> (Coastal Plains Skink)		P1	
336.	25096 <i>Egernia kingii</i> (King's Skink)			
337.	25100 <i>Egernia napoleonis</i>			
338.	30919 <i>Hemiergis gracilipes</i>			
339.	25115 <i>Hemiergis initialis</i> subsp. <i>initialis</i>			
340.	25118 <i>Hemiergis peronii</i> subsp. <i>tridactyla</i>			
341.	25119 <i>Hemiergis quadrilineata</i>			
342.	25131 <i>Lerista distinguenda</i>			
343.	25133 <i>Lerista elegans</i>			
344.	25154 <i>Lerista microtis</i> subsp. <i>microtis</i>			
345.	42413 <i>Lissolepis luctuosa</i> (Western Swamp Skink)			
346.	25184 <i>Menetia greyii</i>			
347.	25191 <i>Morethia lineocellata</i>			
348.	25192 <i>Morethia obscura</i>			
349.	25519 <i>Tiliqua rugosa</i>			
350.	25207 <i>Tiliqua rugosa</i> subsp. <i>rugosa</i>			
<b>Scolopacidae</b>				
351.	41323 <i>Actitis hypoleucos</i> (Common Sandpiper)		IA	
352.	25736 <i>Arenaria interpres</i> (Ruddy Turnstone)		IA	
353.	24779 <i>Calidris acuminata</i> (Sharp-tailed Sandpiper)			



Name ID	Species Name	Naturalised	Conservation Code	<sup>1</sup> Endemic To Query Area
354.	25738 <i>Calidris canutus</i> (Red Knot)		IA	
355.	24784 <i>Calidris ferruginea</i> (Curlew Sandpiper)		IA	
356.	24788 <i>Calidris ruficollis</i> (Red-necked Stint)		T	
357.	24790 <i>Calidris tenuirostris</i> (Great Knot)		IA	
358.	30932 <i>Limosa lapponica</i> (Bar-tailed Godwit)		T	
359.	25741 <i>Limosa limosa</i> (Black-tailed Godwit)		IA	
360.	24798 <i>Numenius madagascariensis</i> (Eastern Curlew)		IA	
361.	25742 <i>Numenius phaeopus</i> (Whimbrel)		T	
362.	24803 <i>Tringa brevipes</i> (Grey-tailed Tattler)		IA	
363.	24808 <i>Tringa nebularia</i> (Common Greenshank)		IA	
364.	24809 <i>Tringa stagnatilis</i> (Marsh Sandpiper)		IA	
<b>Scolopendridae</b>				
365.	-1888 <i>Cormocephalus aurantiipes</i>			
366.	-12294 <i>Cormocephalus hartmeyeri</i>			
367.	-1766 <i>Ethmostigmus rubripes</i>			
<b>Scombridae</b>				
368.	-17680 <i>Auxis thazard</i>			
369.	-17794 <i>Scomber australasicus</i>			
<b>Scorpaenidae</b>				
370.	-17806 <i>Gymnapistes marmoratus</i>			
<b>Scutigereillidae</b>				
371.	-12641 <i>Scutigereilla indecisa</i>			
<b>Scutigereidae</b>				
372.	-12319 <i>Allotheruea maculata</i>			
<b>Scyliorhinidae</b>				
373.	-16407 <i>Asymbolus submaculatus</i>			
374.	-17031 <i>Aulohalaelurus labiosus</i>			
<b>Sillaginidae</b>				
375.	-14275 <i>Sillago fraseri</i> (invalid)			Y
<b>Sparassidae</b>				
376.	-12749 <i>Isopeda leishmanni</i>			
377.	-12750 <i>Isopedella castanea</i>			
<b>Spheniscidae</b>				
378.	24813 <i>Eudyptes chrysocome</i> subsp. <i>filholi</i> (Rockhopper Penguin)			Y
379.	24814 <i>Eudyptes chrysocome</i> subsp. <i>moseleyi</i> (Rockhopper Penguin)			
<b>Sphyraenidae</b>				
380.	-17028 <i>Sphyraena obtusata</i>			
<b>Squalidae</b>				
381.	-15151 <i>Squalus megalops</i>			
<b>Squatinaidae</b>				
382.	-16491 <i>Squatina australis</i>			
<b>Stiphidiidae</b>				
383.	-12748 <i>Baiami tegenarioides</i>			
<b>Strigidae</b>				
384.	25748 <i>Ninox novaeseelandiae</i> (Boobook Owl)			
<b>Suidae</b>				
385.	24259 <i>Sus scrofa</i> (Pig)	Y		
<b>Sylviidae</b>				
386.	25755 <i>Acrocephalus australis</i> (Australian Reed Warbler)			
387.	24833 <i>Cincloramphus cruralis</i> (Brown Songlark)			
388.	25758 <i>Megalurus gramineus</i> (Little Grassbird)			
<b>Syngnathidae</b>				
389.	-15020 <i>Hippocampus</i> sp.			
390.	-17481 <i>Phyllopteryx taeniolatus</i>			
391.	-17509 <i>Stigmatopora argus</i>			
<b>Tachyglossidae</b>				
392.	24207 <i>Tachyglossus aculeatus</i> (Short-beaked Echidna)			
<b>Tetraodontidae</b>				
393.	-15716 <i>Lagocephalus sceleratus</i>			
394.	-18093 <i>Omegophora armilla</i>			

Name ID	Species Name	Naturalised	Conservation Code	<sup>1</sup> Endemic To Query Area
<b>Tettigoniidae</b>				
395.	33989 <i>Pachysaga strobila</i> (cricket)		P1	
<b>Theridiidae</b>				
396.	-12326 <i>Steatoda capensis</i>			
397.	-12642 <i>Steatoda grossa</i>			
<b>Threskiornithidae</b>				
398.	24841 <i>Platalea flavipes</i> (Yellow-billed Spoonbill)			
399.	24843 <i>Plegadis falcinellus</i> (Glossy Ibis)		IA	
400.	24844 <i>Threskiornis molucca</i> (Australian White Ibis)			
401.	24845 <i>Threskiornis spinicollis</i> (Straw-necked Ibis)			
<b>Triaenonychidae</b>				
402.	-11820 <i>Nunciella aspera</i>			
<b>Triakidae</b>				
403.	-17482 <i>Furgaleus macki</i>			
404.	-14434 <i>Galeorhinus galeus</i>			
<b>Trichiuridae</b>				
405.	-17226 <i>Trichiurus lepturus</i>			
406.	-15085 <i>Trichiurus</i> sp.			
<b>Triglidae</b>				
407.	-14152 <i>Chelidonichthys kumu</i>			
408.	-17529 <i>Pterygotrigla polyommata</i>			
<b>Trochanteriidae</b>				
409.	-13034 <i>Platorish gelorup</i>			
<b>Typhlopidae</b>				
410.	25271 <i>Ramphotyphlops australis</i>			
411.	25285 <i>Ramphotyphlops pinguis</i>			
<b>Tytonidae</b>				
412.	24855 <i>Tyto novaehollandiae</i> subsp. <i>novaehollandiae</i> (Masked Owl (southern subsp))		P3	
<b>Uranoscopidae</b>				
413.	-16083 <i>Ichthyoscopus barbatus</i>			
<b>Urodacidae</b>				
414.	-12253 <i>Urodacus novaehollandiae</i>			
<b>Urolophidae</b>				
415.	-16082 <i>Trygonoptera mucosa</i>			
416.	-14293 <i>Urolophus</i> sp.			
<b>Vespertilionidae</b>				
417.	24187 <i>Chalinolobus morio</i> (Chocolate Wattled Bat)			
418.	24189 <i>Falsistrellus mackenziei</i> (Western False Pipistrelle)		P4	
419.	24194 <i>Nyctophilus geoffroyi</i> (Lesser Long-eared Bat)			
<b>Ziphiidae</b>				
420.	24076 <i>Mesoplodon bowdoini</i> (Andrew's Beaked Whale)			
421.	24078 <i>Mesoplodon grayi</i> (Gray's Beaked Whale)			
422.	24081 <i>Mesoplodon mirus</i> (True's Beaked Whale)			
<b>Zosteropidae</b>				
423.	25765 <i>Zosterops lateralis</i> (Grey-breasted White-eye, Silvereye)			
424.	24856 <i>Zosterops lateralis</i> subsp. <i>gouldi</i> (Grey-breasted White-eye)			

**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

<sup>1</sup> 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.

# NatureMap Species Report-Flora

Created By *vanessa clarke* on 15/09/2014

**Kingdom** Plantae  
**Current Names Only** Yes  
**Core Datasets Only** Yes  
**Method** 'By Circle'  
**Centre** 115°47' 09" E,33°25' 24" S  
**Buffer** 20km  
**Group By** Conservation Status

Conservation Status	Species	Records
Non-conservation taxon	1311	4341
Priority 1	11	62
Priority 2	10	30
Priority 3	28	118
Priority 4	11	153
Rare or likely to become extinct	13	40
<b>TOTAL</b>	<b>1384</b>	<b>4744</b>

Name ID	Species Name	Naturalised	Conservation Code	Endemic To Query Area
<b>Rare or likely to become extinct</b>				
1.	32046 <i>Banksia squarrosa</i> subsp. <i>argillacea</i>		T	
2.	1596 <i>Caladenia huegelii</i> (Grand Spider Orchid)		T	
3.	34765 <i>Darwinia whicherensis</i>		T	
4.	14529 <i>Daviesia elongata</i> subsp. <i>elongata</i>		T	
5.	10796 <i>Diuris drummondii</i> (Tall Donkey Orchid)		T	
6.	1639 <i>Drakaea elastica</i> (Glossy-leaved Hammer Orchid)		T	
7.	13635 <i>Drakaea micrantha</i>		T	
8.	17605 <i>Eleocharis keigheryi</i>		T	
9.	18590 <i>Synaphea</i> sp. Fairbridge Farm (D. Papenfus 696)		T	
10.	19055 <i>Synaphea</i> sp. Pinjarra (R. Davis 6578)		T	
11.	28354 <i>Synaphea</i> sp. Serpentine (G.R. Brand 103)		T	
12.	16749 <i>Synaphea stenoloba</i>		T	
13.	12412 <i>Verticordia densiflora</i> var. <i>pedunculata</i>		T	
<b>Priority 1</b>				
14.	18102 <i>Andersonia ferricola</i>		P1	
15.	38481 <i>Austrostipa jacobiana</i>		P1	
16.	16618 <i>Boronia humifusa</i>		P1	
17.	19852 <i>Dillwynia</i> sp. Capel (P.A. Jurjevich 1771)		P1	
18.	30453 <i>Gastrolobium</i> sp. Yoongarillup (S.Dilkes s.n. 1/9/1969)		P1	
19.	6868 <i>Hemigenia rigida</i>		P1	
20.	29553 <i>Logania wendyae</i>		P1	
21.	31673 <i>Puccinellia vassica</i>		P1	
22.	40480 <i>Stylidium acuminatum</i> subsp. <i>acuminatum</i>		P1	
23.	33381 <i>Stylidium perplexum</i>		P1	Y
24.	16865 <i>Synaphea odocoileops</i>		P1	
<b>Priority 2</b>				
25.	42008 <i>Craspedia</i> sp. Waterloo (G.J. Keighery 13724)		P2	
26.	20474 <i>Gastrolobium whicherense</i>		P2	
27.	2084 <i>Grevillea rosieri</i>		P2	
28.	17702 <i>Leptomeria furtiva</i>		P2	
29.	29492 <i>Leucopogon</i> sp. Busselton (D. Cooper 243)		P2	
30.	33377 <i>Platytheca anasima</i>		P2	
31.	999 <i>Schoenus loliaceus</i>		P2	
32.	19704 <i>Stenanthemum sublineare</i>		P2	
33.	16862 <i>Synaphea petiolaris</i> subsp. <i>simplex</i>		P2	
34.	17406 <i>Trichocline</i> sp. Treeton (B.J. Keighery & N. Gibson 564)		P2	
<b>Priority 3</b>				
35.	11229 <i>Acacia drummondii</i> subsp. <i>affinis</i>		P3	
36.	14129 <i>Acacia oncinophylla</i> subsp. <i>oncinophylla</i>		P3	

Name ID	Species Name	Naturalised	Conservation Code	<sup>1</sup> Endemic To Query Area
37.	43201 <i>Adelphacme minima</i>		P3	
38.	7829 <i>Angianthus drummondii</i>		P3	
39.	17804 <i>Boronia tetragona</i>		P3	
40.	759 <i>Carex tereticaulis</i>		P3	
41.	13766 <i>Caustis sp. Boyanup (G.S. McCutcheon 1706)</i>		P3	
42.	19338 <i>Chamaescilla gibsonii</i>		P3	
43.	16245 <i>Cyathochaeta teretifolia</i>		P3	
44.	12219 <i>Grevillea bronwenae</i>		P3	
45.	6859 <i>Hemigenia microphylla</i>		P3	
46.	16522 <i>Isopogon formosus subsp. dasylepis</i>		P3	
47.	20462 <i>Jacksonia gracillima</i>		P3	
48.	5038 <i>Lasiopetalum membranaceum</i>		P3	
49.	33298 <i>Lomandra whicherensis</i>		P3	Y
50.	17976 <i>Meeboldina decipiens subsp. decipiens</i>		P3	
51.	8163 <i>Pithocarpa corymbulosa (Corymbose Pithocarpa)</i>		P3	
52.	11132 <i>Platysace ramosissima</i>		P3	
53.	974 <i>Schoenus benthamii</i>		P3	
54.	980 <i>Schoenus capillifolius</i>		P3	
55.	7756 <i>Stylidium longitubum (Jumping Jacks)</i>		P3	
56.	25800 <i>Stylidium paludicola</i>		P3	
57.	16769 <i>Synaphea hians</i>		P3	
58.	31767 <i>Synaphea polypodoides</i>		P3	
59.	4538 <i>Tetratheca parvifolia</i>		P3	
60.	1717 <i>Thelymitra variegata (Queen of Sheba)</i>		P3	
61.	5085 <i>Thomasia laxiflora</i>		P3	
62.	12392 <i>Verticordia attenuata</i>		P3	

#### Priority 4

63.	3339 <i>Acacia flagelliformis</i>		P4	
64.	3537 <i>Acacia semitrullata</i>		P4	
65.	141 <i>Aponogeton hexatepalus (Stalked Water Ribbons)</i>		P4	
66.	13862 <i>Caladenia speciosa</i>		P4	
67.	35657 <i>Chamelaucium sp. Yoongarillup (G.J. Keighery 3635)</i>		P4	
68.	13512 <i>Eucalyptus rudis subsp. cratyantha</i>		P4	
69.	1945 <i>Franklandia triaristata (Lanoline Bush)</i>		P4	
70.	36200 <i>Ornduffia submersa</i>		P4	
71.	4183 <i>Pultenaea skinneri (Skinner's Pea)</i>		P4	
72.	2435 <i>Rumex drummondii</i>		P4	
73.	8212 <i>Senecio leucoglossus</i>		P4	

#### Non-conservation taxon

74.	3207 <i>Acacia alata (Winged Wattle)</i>			
75.	15429 <i>Acacia alata var. alata</i>			
76.	15466 <i>Acacia applanata</i>			
77.	18285 <i>Acacia baileyana</i>	Y		
78.	3247 <i>Acacia browniana</i>			
79.	3262 <i>Acacia cochlearis (Rigid Wattle)</i>			
80.	3282 <i>Acacia cyclops (Coastal Wattle)</i>			
81.	16975 <i>Acacia decurrens</i>	Y		
82.	3294 <i>Acacia dentifera</i>			
83.	3307 <i>Acacia divergens</i>			
84.	11192 <i>Acacia drummondii subsp. elegans</i>			
85.	3331 <i>Acacia extensa (Wiry Wattle)</i>			
86.	3374 <i>Acacia huegelii</i>			
87.	3383 <i>Acacia incurva</i>			
88.	3387 <i>Acacia insolita</i>			
89.	16165 <i>Acacia insolita subsp. insolita</i>			
90.	18217 <i>Acacia iteaphylla</i>	Y		
91.	3410 <i>Acacia lateriticola</i>			
92.	17861 <i>Acacia longifolia</i>	Y		
93.	17464 <i>Acacia longifolia subsp. longifolia</i>	Y		
94.	3442 <i>Acacia microbotrya (Manna Wattle, Kalyang)</i>			
95.	3448 <i>Acacia mooreana</i>			
96.	3453 <i>Acacia myrtifolia</i>			
97.	3454 <i>Acacia nervosa (Rib Wattle)</i>			
98.	3464 <i>Acacia obovata</i>			
99.	17860 <i>Acacia podalyriifolia</i>	Y		
100.	3496 <i>Acacia preissiana</i>			
101.	3502 <i>Acacia pulchella (Prickly Moses)</i>			
102.	15481 <i>Acacia pulchella var. glaberrima</i>			



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103.	15482 <i>Acacia pulchella</i> var. <i>goadbyi</i>			
104.	15483 <i>Acacia pulchella</i> var. <i>pulchella</i>			
105.	3504 <i>Acacia pycnantha</i> (Golden Wattle)	Y		
106.	3527 <i>Acacia saligna</i> (Orange Wattle, Kudjong)			
107.	30036 <i>Acacia saligna</i> subsp. <i>stolonifera</i>			
108.	3557 <i>Acacia stenoptera</i> (Narrow Winged Wattle)			
109.	3574 <i>Acacia teretifolia</i>			
110.	3576 <i>Acacia tetragonocarpa</i>			
111.	3591 <i>Acacia urophylla</i>			
112.	15487 <i>Acacia varia</i> var. <i>varia</i>			
113.	3602 <i>Acacia willdenowiana</i> (Grass Wattle)			
114.	3184 <i>Acaena echinata</i> (Sheep's Burr)			
115.	3185 <i>Acaena novae-zelandiae</i>	Y		
116.	1208 <i>Acanthocarpus preissii</i>			
117.	17739 <i>Acetosa vesicaria</i>	Y		
118.	17774 <i>Acetosella vulgaris</i>	Y		
119.	5315 <i>Actinodium cunninghamii</i> (Albany Daisy)			
120.	6203 <i>Actinotus glomeratus</i>			
121.	1790 <i>Adenanthos meisneri</i>			
122.	1791 <i>Adenanthos obovatus</i> (Basket Flower)			
123.	28281 <i>Adenanthos</i> sp. <i>Whicher Range</i> (G.J. Keighery 9736)			
124.	25 <i>Adiantum aethiopicum</i> (Common Maidenhair)			
125.	4582 <i>Adriana quadripartita</i> (Bitter Bush)			
126.	5316 <i>Agonis flexuosa</i> (Peppermint, Wonil)			
127.	17202 <i>Agonis flexuosa</i> var. <i>flexuosa</i>			
128.	23474 <i>Agrostocrinum hirsutum</i>			
129.	1261 <i>Agrostocrinum scabrum</i> (Blue Grass Lily)			
130.	23501 <i>Agrostocrinum scabrum</i> subsp. <i>scabrum</i>			
131.	184 <i>Aira caryophyllea</i> (Silvery Hairgrass)	Y		
132.	185 <i>Aira cupaniana</i> (Silvery Hairgrass)	Y		
133.	186 <i>Aira elegantissima</i>	Y		
134.	1378 <i>Allium triquetrum</i> (Three-cornered Garlic)	Y		
135.	1728 <i>Allocasuarina fraseriana</i> (Sheoak, Kondil)			
136.	1732 <i>Allocasuarina humilis</i> (Dwarf Sheoak)			
137.	1739 <i>Allocasuarina thuyoides</i> (Horned Sheoak)			
138.	2648 <i>Alternanthera denticulata</i> (Lesser Joyweed)			
139.	2652 <i>Alternanthera nodiflora</i> (Common Joyweed)			
140.	6565 <i>Alyxia buxifolia</i> (Dysentery Bush)			
141.	35909 <i>Amansia pinnatifida</i>			
142.	2655 <i>Amaranthus albus</i> (Tumbleweed)	Y		
143.	25840 <i>Amaranthus blitum</i>	Y		
144.	2668 <i>Amaranthus powellii</i> (Powell's Amaranth)	Y		
145.	1489 <i>Amaryllis belladonna</i> (Belladonna Lily)	Y		
146.	35159 <i>Ammophila arenaria</i> subsp. <i>arenaria</i>	Y		
147.	4585 <i>Amperea ericoides</i>			
148.	13101 <i>Amperea simulans</i>			
149.	126 <i>Amphibolis antarctica</i> (Sea Nymph)			
150.	13380 <i>Amphibromus nervosus</i>			
151.	194 <i>Amphipogon amphipogonoides</i>			
152.	20184 <i>Amphipogon laguroides</i> subsp. <i>laguroides</i>			
153.	200 <i>Amphipogon turbinatus</i>			
154.	1060 <i>Anarthria laevis</i>			
155.	1062 <i>Anarthria prolifera</i>			
156.	1063 <i>Anarthria scabra</i>			
157.	6306 <i>Andersonia caerulea</i> (Foxtails)			
158.	6311 <i>Andersonia heterophylla</i>			
159.	6312 <i>Andersonia involucrata</i>			
160.	6314 <i>Andersonia lehmanniana</i>			
161.	7833 <i>Angianthus preissianus</i>			
162.	1406 <i>Anigozanthos bicolor</i> (Little Kangaroo Paw)			
163.	11931 <i>Anigozanthos bicolor</i> subsp. <i>decrescens</i>			
164.	1409 <i>Anigozanthos humilis</i> (Catspaw)			
165.	11434 <i>Anigozanthos humilis</i> subsp. <i>humilis</i>			
166.	1411 <i>Anigozanthos manglesii</i> (Mangles Kangaroo Paw, Kurulbrang)			
167.	11261 <i>Anigozanthos manglesii</i> subsp. <i>manglesii</i>			
168.	29487 <i>Anigozanthos manglesii</i> var. <i>x angustifolius</i>			
169.	1416 <i>Anigozanthos viridis</i> (Green Kangaroo Paw, Kurulbardang)			
170.	11566 <i>Anigozanthos viridis</i> subsp. <i>viridis</i>			
171.	17455 <i>Anredera cordifolia</i>	Y		
172.	6949 <i>Anthocercis littorea</i> (Yellow Tailflower)			

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173.	12724 <i>Anthotium junciforme</i>			
174.	202 <i>Anthoxanthum odoratum</i> (Sweet Vernal Grass)	Y		
175.	3686 <i>Aotus cordifolia</i>			
176.	3688 <i>Aotus gracillima</i>			
177.	3689 <i>Aotus intermedia</i>			
178.	3692 <i>Aotus procumbens</i>			
179.	1117 <i>Aphelia cyperoides</i>			
180.	1118 <i>Aphelia drummondii</i>			
181.	6210 <i>Apium annuum</i>			
182.	12040 <i>Apium prostratum</i> var. <i>prostratum</i> (Sea Celery)			
183.	17355 <i>Araujia sericifera</i>	Y		
184.	7838 <i>Arctotheca calendula</i> (Cape Weed)	Y		
185.	7839 <i>Arctotheca populifolia</i> (Dune Arctotheca)	Y		
186.	6580 <i>Asclepias curassavica</i> (Redhead Cottonbush)	Y		
187.	8779 <i>Asparagus asparagoides</i> (Bridal Creeper)	Y		
188.	16943 <i>Asparagus declinatus</i>	Y		
189.	16945 <i>Asparagus plumosus</i>	Y		
190.	20350 <i>Astartea affinis</i>			
191.	20130 <i>Astartea lanicifolia</i>			
192.	20283 <i>Astartea scoparia</i>			
193.	42801 <i>Astartea zephyra</i>			
194.	7851 <i>Asteridea pulverulenta</i> (Common Bristle Daisy)			
195.	6323 <i>Astroloma ciliatum</i> (Candle Cranberry)			
196.	6325 <i>Astroloma drummondii</i>			
197.	6334 <i>Astroloma pallidum</i> (Kick Bush)			
198.	2452 <i>Atriplex cinerea</i> (Grey Saltbush)			
199.	2460 <i>Atriplex hortensis</i> (Garden Orache)	Y		
200.	2463 <i>Atriplex isatidea</i> (Coast Saltbush)			
201.	17233 <i>Austrostipa campylachne</i>			
202.	17234 <i>Austrostipa compressa</i>			
203.	17240 <i>Austrostipa flavescens</i>			
204.	17250 <i>Austrostipa pycnostachya</i>			
205.	17253 <i>Austrostipa semibarbata</i>			
206.	231 <i>Avellinia michelii</i>	Y		
207.	233 <i>Avena barbata</i> (Bearded Oat)	Y		
208.	234 <i>Avena fatua</i> (Wild Oat)	Y		
209.	235 <i>Avena sativa</i> (Common Oat)	Y		
210.	14555 <i>Avicennia marina</i> subsp. <i>marina</i>			
211.	20013 <i>Axonopus fissifolius</i>	Y		
212.	17737 <i>Azolla pinnata</i>			
213.	18279 <i>Babiana angustifolia</i>	Y		
214.	36441 <i>Babingtonia camphorosmae</i> (Camphor Myrtle)			
215.	1382 <i>Baeometra uniflora</i>	Y		
216.	1800 <i>Banksia attenuata</i> (Slender Banksia, Piara)			
217.	32616 <i>Banksia dallanneyi</i> subsp. <i>sylvestris</i>			
218.	32580 <i>Banksia dallanneyi</i> var. <i>dallanneyi</i>			
219.	1819 <i>Banksia grandis</i> (Bull Banksia, Pulgarla)			
220.	1822 <i>Banksia ilicifolia</i> (Holly-leaved Banksia)			
221.	1830 <i>Banksia littoralis</i> (Swamp Banksia, Pungura)			
222.	32202 <i>Banksia nivea</i> (Honey-pot Dryandra, Pudjarn)			
223.	32080 <i>Banksia sessilis</i> var. <i>sessilis</i>			
224.	12111 <i>Banksia sphaerocarpa</i> var. <i>sphaerocarpa</i> (Fox Banksia)			
225.	32315 <i>Barbula calycina</i>			
226.	15037 <i>Bartsia trixago</i>	Y		
227.	740 <i>Baumea arthropphylla</i>			
228.	743 <i>Baumea juncea</i> (Bare Twigrush)			
229.	744 <i>Baumea laxa</i>			
230.	747 <i>Baumea rubiginosa</i>			
231.	748 <i>Baumea vaginalis</i> (Sheath Twigrush)			
232.	7853 <i>Berkheya rigida</i> (African Thistle)	Y		
233.	25798 <i>Billardiera fusiformis</i> (Australian Bluebell)			
234.	3165 <i>Billardiera variifolia</i>			
235.	749 <i>Bolboschoenus caldwellii</i> (Marsh Club-rush)			
236.	4413 <i>Boronia crenulata</i> (Aniseed Boronia)			
237.	17653 <i>Boronia crenulata</i> subsp. <i>pubescens</i>			
238.	4415 <i>Boronia defoliata</i>			
239.	4416 <i>Boronia denticulata</i>			
240.	4417 <i>Boronia dichotoma</i>			
241.	4420 <i>Boronia fastigiata</i> (Bushy Boronia)			
242.	4428 <i>Boronia megastigma</i> (Scented Boronia)			

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243.	4438 <i>Boronia ramosa</i>			
244.	4440 <i>Boronia scabra</i> (Rough Boronia)			
245.	4441 <i>Boronia spathulata</i> (Boronia)			
246.	1272 <i>Borya scirpoidea</i>			
247.	1273 <i>Borya sphaerocephala</i> (Pincushions)			
248.	14396 <i>Bossiaea aquifolium</i> subsp. <i>aquifolium</i>			
249.	3710 <i>Bossiaea eriocarpa</i> (Common Brown Pea)			
250.	3714 <i>Bossiaea ornata</i> (Broad Leaved Brown Pea)			
251.	3717 <i>Bossiaea pulchella</i>			
252.	3718 <i>Bossiaea rufa</i>			
253.	18497 <i>Bossiaea</i> sp. <i>Waroona</i> (B.J. Keighery & N. Gibson 229)			
254.	10915 <i>Brachychiton populneus</i> (Kurrajong)	Y		
255.	7878 <i>Brachyscome iberidifolia</i>			
256.	11187 <i>Brassica barrelieri</i> subsp. <i>oxyrrhina</i> (Smooth-stem Turnip)	Y		
257.	2994 <i>Brassica juncea</i> (Indian Mustard)	Y		
258.	2995 <i>Brassica napus</i>	Y		
259.	3000 <i>Brassica tournefortii</i> (Mediterranean Turnip)	Y		
260.	244 <i>Briza maxima</i> (Blowfly Grass)	Y		
261.	245 <i>Briza minor</i> (Shivery Grass)	Y		
262.	247 <i>Bromus arenarius</i> (Sand Brome)			
263.	248 <i>Bromus catharticus</i> (Prairie Grass)	Y		
264.	249 <i>Bromus diandrus</i> (Great Brome)	Y		
265.	250 <i>Bromus hordeaceus</i> (Soft Brome)	Y		
266.	252 <i>Bromus madritensis</i> (Madrid Brome)	Y		
267.	1366 <i>Bulbine semibarbata</i> (Leek Lily)			
268.	12770 <i>Burchardia congesta</i>			
269.	1385 <i>Burchardia multiflora</i> (Dwarf Burchardia)			
270.	1276 <i>Caesia micrantha</i> (Pale Grass Lily)			
271.	1277 <i>Caesia occidentalis</i>			
272.	3002 <i>Cakile maritima</i> (Sea Rocket)	Y		
273.	15332 <i>Caladenia attingens</i> subsp. <i>atingens</i>			
274.	15579 <i>Caladenia chapmanii</i>			
275.	1586 <i>Caladenia discoidea</i> (Dancing Orchid)			
276.	1592 <i>Caladenia flava</i> (Cowslip Orchid)			
277.	15348 <i>Caladenia flava</i> subsp. <i>flava</i>			
278.	15352 <i>Caladenia georgei</i>			
279.	1595 <i>Caladenia hirta</i> (Sugar Candy Orchid)			
280.	15354 <i>Caladenia hirta</i> subsp. <i>hirta</i>			
281.	1599 <i>Caladenia latifolia</i> (Pink Fairy Orchid)			
282.	13859 <i>Caladenia longicauda</i> subsp. <i>clivicola</i>			
283.	15365 <i>Caladenia longicauda</i> subsp. <i>longicauda</i>			
284.	1605 <i>Caladenia marginata</i> (White Fairy Orchid)			
285.	15371 <i>Caladenia nana</i> subsp. <i>nana</i>			
286.	15372 <i>Caladenia nana</i> subsp. <i>unita</i>			
287.	17760 <i>Caladenia nobilis</i>			
288.	15503 <i>Caladenia paludosa</i>			
289.	18026 <i>Caladenia pendens</i> subsp. <i>pendens</i>			
290.	15377 <i>Caladenia reptans</i> subsp. <i>reptans</i>			
291.	15380 <i>Caladenia splendens</i>			
292.	18019 <i>Caladenia vulgata</i>			
293.	2845 <i>Calandrinia brevipedata</i> (Short-stalked Purslane)			
294.	19309 <i>Calectasia narragara</i>			
295.	4717 <i>Callitriche stagnalis</i> (Common Starwort)	Y		
296.	36520 <i>Callitris acuminata</i> (Dwarf Cypress)			
297.	5415 <i>Calothamnus lateralis</i>			
298.	35797 <i>Calothamnus lateralis</i> var. <i>lateralis</i>			
299.	5429 <i>Calothamnus sanguineus</i> (Silky-leaved Blood flower, Pindak)			
300.	5430 <i>Calothamnus schaueri</i>			
301.	16493 <i>Calycopeplus oligandrus</i>			
302.	5458 <i>Calytrix flavescens</i> (Summer Starflower)			
303.	5460 <i>Calytrix fraseri</i> (Pink Summer Calytrix)			
304.	5465 <i>Calytrix leschenaultii</i>			
305.	5483 <i>Calytrix tetragona</i> (Common Fringe-myrtle)			
306.	5485 <i>Calytrix variabilis</i>			
307.	19713 <i>Campsis radicans</i>	Y		
308.	32334 <i>Campylopus australis</i>			
309.	32338 <i>Campylopus introflexus</i>	Y		
310.	13488 <i>Canna x generalis</i>	Y		
311.	753 <i>Carex appressa</i> (Tall Sedge)			
312.	754 <i>Carex divisa</i> (Divided Sedge)	Y		

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313.	758 <i>Carex pumila</i> (Strand Sedge)			
314.	43241 <i>Carex thecata</i>			
315.	2798 <i>Carpobrotus virescens</i> (Coastal Pigface, Kolboko)			
316.	7911 <i>Carthamus lanatus</i> (Saffron Thistle)	Y		
317.	1162 <i>Cartonema philydroides</i>			
318.	2952 <i>Cassytha glabella</i> (Tangled Dodder Laurel)			
319.	11501 <i>Cassytha glabella forma casuarinae</i>			
320.	2956 <i>Cassytha pomiformis</i> (Dodder Laurel)			
321.	2957 <i>Cassytha racemosa</i> (Dodder Laurel)			
322.	11242 <i>Cassytha racemosa forma pilosa</i>			
323.	11799 <i>Cassytha racemosa forma racemosa</i>			
324.	1742 <i>Casuarina obesa</i> (Swamp Sheoak, Kuli)			
325.	41564 <i>Cenchrus clandestinus</i> (Kikuyu Grass)	Y		
326.	41566 <i>Cenchrus longisetus</i> (Feathertop)	Y		
327.	262 <i>Cenchrus longispinus</i> (Spiny Burrgrass)	Y		
328.	41567 <i>Cenchrus macrourus</i> (African Feather Grass)	Y		
329.	41570 <i>Cenchrus spinifex</i> (Spiny Burrgrass)	Y		
330.	6539 <i>Centaureum erythraea</i> (Common Centaury)	Y		
331.	6542 <i>Centaureum tenuiflorum</i>	Y		
332.	7366 <i>Centranthus macrosiphon</i>	Y		
333.	1121 <i>Centrolepis aristata</i> (Pointed Centrolepis)			
334.	1125 <i>Centrolepis drummondiana</i>			
335.	1129 <i>Centrolepis glabra</i> (Smooth Centrolepis)			
336.	1132 <i>Centrolepis mutica</i>			
337.	1134 <i>Centrolepis polygyna</i> (Wiry Centrolepis)			
338.	2889 <i>Cerastium glomeratum</i> (Mouse Ear Chickweed)	Y		
339.	17685 <i>Chaetanthus aristatus</i>			
340.	26607 <i>Chaetomorpha aerea</i>			
341.	18156 <i>Chamaecytisus palmensis</i> (Tagasaste)	Y		
342.	1280 <i>Chamaecilla corymbosa</i> (Blue Squill)			
343.	1217 <i>Chamaexeros serra</i> (Little Fringe-leaf)			
344.	1513 <i>Chasmanthe floribunda</i> (African Cornflag)	Y		
345.	28290 <i>Cheiranthra parviflora</i>			
346.	3169 <i>Cheiranthra preissiana</i>			
347.	2483 <i>Chenopodium album</i> (Fat Hen)	Y		
348.	2490 <i>Chenopodium glaucum</i> (Glaucous Goosefoot)	Y		
349.	2491 <i>Chenopodium macrospermum</i>	Y		
350.	2494 <i>Chenopodium murale</i> (Nettle-leaf Goosefoot)	Y		
351.	267 <i>Chloris gayana</i> (Rhodes Grass)	Y		
352.	7925 <i>Chondrilla juncea</i> (Skeleton Weed)	Y		
353.	2335 <i>Choretrum lateriflorum</i> (Dwarf Sour Bush)			
354.	763 <i>Chorizandra enodis</i> (Black Bristlerush)			
355.	8971 <i>Chorizema cordatum</i>			
356.	3757 <i>Chorizema glycinifolium</i>			
357.	13107 <i>Chorizema retrorsum</i>			
358.	3761 <i>Chorizema rhombeum</i>			
359.	7929 <i>Chrysanthemum segetum</i> (Corn Marigold)	Y		
360.	6543 <i>Cicendia filiformis</i> (Slender Cicendia)	Y		
361.	7935 <i>Cichorium intybus</i> (Chicory)	Y		
362.	26663 <i>Cladurus elatus</i>			
363.	2929 <i>Clematis pubescens</i> (Common Clematis)			
364.	26666 <i>Cliftonaea pectinata</i>			
365.	26667 <i>Codiophyllum flabelliforme</i>			
366.	4449 <i>Coleonema album</i>	Y		
367.	4550 <i>Comesperma calymega</i> (Blue-spike Milkwort)			
368.	4554 <i>Comesperma flavum</i>			
369.	4559 <i>Comesperma polygaloides</i> (Small Milkwort)			
370.	4564 <i>Comesperma virgatum</i> (Milkwort)			
371.	4566 <i>Comesperma volubile</i> (Love Creeper)			
372.	1863 <i>Conospermum capitatum</i>			
373.	16850 <i>Conospermum flexuosum</i> subsp. <i>laevigatum</i>			
374.	1875 <i>Conospermum huegelii</i> (Slender Smokebush)			
375.	6348 <i>Conostephium pendulum</i> (Pearl Flower)			
376.	1418 <i>Conostylis aculeata</i> (Prickly Conostylis)			
377.	11826 <i>Conostylis aculeata</i> subsp. <i>aculeata</i>			
378.	12118 <i>Conostylis aculeata</i> subsp. <i>gracilis</i>			
379.	12109 <i>Conostylis aculeata</i> subsp. <i>preissii</i>			
380.	1436 <i>Conostylis juncea</i>			
381.	1438 <i>Conostylis laxiflora</i>			
382.	1453 <i>Conostylis serrulata</i>			



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383.	1454 <i>Conostylis setigera</i> (Bristly Cottonhead)			
384.	11597 <i>Conostylis setigera</i> subsp. <i>setigera</i>			
385.	19881 <i>Convolvulus angustissimus</i> subsp. <i>angustissimus</i>			
386.	6611 <i>Convolvulus arvensis</i> (Field Bindweed)	Y		
387.	7939 <i>Conyza bonariensis</i> (Flaxleaf Fleabane)	Y		
388.	20074 <i>Conyza sumatrensis</i>	Y		
389.	2891 <i>Corrigiola litoralis</i> (Strapwort)	Y		
390.	277 <i>Cortaderia selloana</i> (Pampas Grass)	Y		
391.	12945 <i>Corybas recurvus</i>			
392.	17104 <i>Corymbia calophylla</i> (Marri)			
393.	17105 <i>Corymbia haematoxylon</i> (Mountain Marri)			
394.	1285 <i>Corynotheca micrantha</i> (Sand Lily)			
395.	11883 <i>Corynotheca micrantha</i> var. <i>elongata</i>			
396.	11283 <i>Corynotheca micrantha</i> var. <i>micrantha</i>			
397.	7943 <i>Cotula australis</i> (Common Cotula)			
398.	7945 <i>Cotula coronopifolia</i> (Waterbuttons)	Y		
399.	7946 <i>Cotula cotuloides</i> (Smooth Cotula)			
400.	7947 <i>Cotula turbinata</i> (Funnel Weed)	Y		
401.	42009 <i>Craspedia</i> sp. Yalgorup National Park (G.J. Keighery 14449)			
402.	13354 <i>Craspedia variabilis</i>			
403.	3136 <i>Crassula alata</i>	Y		
404.	3137 <i>Crassula colorata</i> (Dense Stonecrop)			
405.	11563 <i>Crassula colorata</i> var. <i>colorata</i>			
406.	15706 <i>Crassula natans</i> var. <i>minus</i>	Y		
407.	29054 <i>Crepis foetida</i> subsp. <i>foetida</i>	Y		
408.	13484 <i>Cryptandra arbutiflora</i> var. <i>tubulosa</i>			
409.	1627 <i>Cryptostylis ovata</i> (Slipper Orchid)			
410.	16411 <i>Cucumis</i> sp. Bunbury (G. Brayshaw s.n. 26/2/91)	Y		Y
411.	13732 <i>Cuscuta campestris</i> (Golden dodder)	Y		
412.	6663 <i>Cuscuta epithymum</i> (Lesser Dodder, Greater Dodder)	Y		
413.	15114 <i>Cyanicula gemmata</i>			
414.	15404 <i>Cyanicula sericea</i>			
415.	768 <i>Cyathochaeta avenacea</i>			
416.	19893 <i>Cynara cardunculus</i> subsp. <i>flavescens</i>	Y		
417.	283 <i>Cynodon dactylon</i> (Couch)	Y		
418.	285 <i>Cynosurus echinatus</i> (Rough Dogstail)	Y		
419.	783 <i>Cyperus congestus</i> (Dense Flat-sedge)	Y		
420.	792 <i>Cyperus eragrostis</i> (Umbrella Sedge)	Y		
421.	18318 <i>Cyperus involucreatus</i>	Y		
422.	801 <i>Cyperus laevigatus</i>	Y		
423.	806 <i>Cyperus polystachyos</i> (Bunchy Sedge)	Y		
424.	815 <i>Cyperus tenellus</i> (Tiny Flatsedge)	Y		
425.	816 <i>Cyperus tenuiflorus</i> (Scaly Sedge)	Y		
426.	10916 <i>Cyrtostylis huegelii</i>			
427.	10964 <i>Cyrtostylis robusta</i>			
428.	17692 <i>Cytogonidium leptocarpoides</i>			
429.	287 <i>Dactylis glomerata</i> (Cocksfoot)	Y		
430.	7420 <i>Dampiera alata</i> (Winged-stem Dampiera)			
431.	7428 <i>Dampiera coronata</i> (Wedge-leaved Dampiera)			
432.	7454 <i>Dampiera linearis</i> (Common Dampiera)			
433.	7462 <i>Dampiera pedunculata</i>			
434.	7484 <i>Dampiera trigona</i> (Angled-stem Dampiera)			
435.	5508 <i>Darwinia citriodora</i> (Lemon-scented Darwinia)			
436.	5533 <i>Darwinia vestita</i> (Pom-pom Darwinia)			
437.	1218 <i>Dasypogon bromeliifolius</i> (Pineapple Bush)			
438.	1219 <i>Dasypogon hookeri</i> (Pineapple Bush)			
439.	6218 <i>Daucus glochidiatus</i> (Australian Carrot)			
440.	3793 <i>Daviesia angulata</i>			
441.	3799 <i>Daviesia cordata</i> (Bookleaf)			
442.	3800 <i>Daviesia costata</i>			
443.	3805 <i>Daviesia decurrens</i> (Prickly Bitter-pea)			
444.	3807 <i>Daviesia divaricata</i> (Marno)			
445.	18560 <i>Daviesia divaricata</i> subsp. <i>divaricata</i>			
446.	3814 <i>Daviesia hakeoides</i>			
447.	11879 <i>Daviesia hakeoides</i> subsp. <i>hakeoides</i>			
448.	3815 <i>Daviesia horrida</i> (Prickly Bitter-pea)			
449.	3816 <i>Daviesia incrassata</i>			
450.	15505 <i>Daviesia incrassata</i> subsp. <i>incrassata</i>			
451.	3817 <i>Daviesia inflata</i>			
452.	3832 <i>Daviesia physodes</i>			

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453.	3834 <i>Daviesia polyphylla</i>			
454.	3835 <i>Daviesia preissii</i>			
455.	3839 <i>Daviesia rhombifolia</i>			
456.	17691 <i>Desmocladius fasciculatus</i>			
457.	16595 <i>Desmocladius flexuosus</i>			
458.	16455 <i>Desmocladius virgatus</i>			
459.	299 <i>Deyeuxia quadriseta</i> (Reed Bentgrass)			
460.	16326 <i>Dianella brevicaulis</i>			
461.	1259 <i>Dianella revoluta</i> (Blueberry Lily)			
462.	306 <i>Dichelachne crinita</i> (Longhair Plumegrass)			
463.	1287 <i>Dichopogon capillipes</i>			
464.	1289 <i>Dichopogon preissii</i>			
465.	32345 <i>Didymodon australasiae</i>			
466.	320 <i>Digitaria sanguinalis</i> (Crab Grass)	Y		
467.	18307 <i>Dimorphotheca ecklonis</i>	Y		
468.	4454 <i>Diplolaena dampieri</i> (Southern Diplolaena)			
469.	9027 <i>Diplolaena drummondii</i>			
470.	3012 <i>Diplotaxis tenuifolia</i> (Sand Rocket)	Y		
471.	3867 <i>Dipogon lignosus</i> (Dolichos Pea)	Y		
472.	19649 <i>Disa bracteata</i>	Y		
473.	7054 <i>Dischisma arenarium</i>	Y		
474.	7961 <i>Dittrichia graveolens</i> (Stinkwort)	Y		
475.	11049 <i>Diuris corymbosa</i>			
476.	1632 <i>Diuris emarginata</i> (Tall Donkey Orchid)			
477.	10938 <i>Diuris filifolia</i> (Cat's Face Orchid)			
478.	1634 <i>Diuris laxiflora</i> (Bee Orchid)			
479.	11247 <i>Dodonaea viscosa</i> subsp. <i>angustissima</i>			
480.	1640 <i>Drakaea glyptodon</i> (King-in-his-carriage)			
481.	11156 <i>Drakaea livida</i>			
482.	3091 <i>Drosera bulbigena</i> (Midget Sundew)			
483.	3095 <i>Drosera erythrorhiza</i> (Red Ink Sundew)			
484.	13217 <i>Drosera erythrorhiza</i> subsp. <i>erythrorhiza</i>			
485.	3097 <i>Drosera gigantea</i> (Giant Sundew)			
486.	15453 <i>Drosera gigantea</i> subsp. <i>gigantea</i>			
487.	3098 <i>Drosera glanduligera</i> (Pimpernel Sundew)			
488.	3102 <i>Drosera huegelii</i> (Bold Sundew)			
489.	19256 <i>Drosera intricata</i>			
490.	3106 <i>Drosera macrantha</i> (Bridal Rainbow)			
491.	14298 <i>Drosera macrantha</i> subsp. <i>macrantha</i>			
492.	3108 <i>Drosera marchantii</i>			
493.	13209 <i>Drosera marchantii</i> subsp. <i>marchantii</i>			
494.	3109 <i>Drosera menziesii</i> (Pink Rainbow)			
495.	11853 <i>Drosera menziesii</i> subsp. <i>menziesii</i>			
496.	13216 <i>Drosera menziesii</i> subsp. <i>penicillaris</i>			
497.	3110 <i>Drosera microphylla</i> (Golden Rainbow)			
498.	3112 <i>Drosera myriantha</i> (Star Rainbow)			
499.	3117 <i>Drosera paleacea</i> (Dwarf Sundew)			
500.	13188 <i>Drosera paleacea</i> subsp. <i>paleacea</i>			
501.	13187 <i>Drosera paleacea</i> subsp. <i>trichocaulis</i>			
502.	3118 <i>Drosera pallida</i> (Pale Rainbow)			
503.	3123 <i>Drosera platystigma</i> (Black-eyed Sundew)			
504.	8911 <i>Drosera rosulata</i>			
505.	3131 <i>Drosera stolonifera</i> (Leafy Sundew)			
506.	13205 <i>Drosera tubaestylis</i>			
507.	33500 <i>Dysphania ambrosioides</i> (Mexican Tea)	Y		
508.	33517 <i>Dysphania multifida</i> (Scented Goosefoot)	Y		
509.	33480 <i>Dysphania pumilio</i> (Clammy Goosefoot)			
510.	11105 <i>Echinochloa crus-galli</i>	Y		
511.	347 <i>Ehrharta calycina</i> (Perennial Veldt Grass)	Y		
512.	348 <i>Ehrharta erecta</i> (Panic Veldt Grass)	Y		
513.	349 <i>Ehrharta longiflora</i> (Annual Veldt Grass)	Y		
514.	5187 <i>Elatine gratioloides</i> (Waterwort)			
515.	822 <i>Eleocharis acuta</i> (Common Spikerush)			
516.	353 <i>Eleusine indica</i> (Crowsfoot Grass)	Y		
517.	1643 <i>Elythranthera brunonis</i> (Purple Enamel Orchid)			
518.	1644 <i>Elythranthera emarginata</i> (Pink Enamel Orchid)			
519.	1067 <i>Empodisma gracillimum</i>			
520.	11992 <i>Epilobium billardioreanum</i> subsp. <i>intermedium</i>			
521.	373 <i>Eragrostis brownii</i> (Brown's Lovegrass)			
522.	376 <i>Eragrostis curvula</i> (African Lovegrass)	Y		

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523.	379 <i>Eragrostis elongata</i> (Clustered Lovegrass)			
524.	13949 <i>Eremaea asterocarpa</i>			
525.	13950 <i>Eremaea asterocarpa</i> subsp. <i>asterocarpa</i>			
526.	14104 <i>Eremaea pauciflora</i> var. <i>pauciflora</i>			
527.	17175 <i>Eremophila glabra</i> subsp. <i>albicans</i>			
528.	1646 <i>Eriochilus dilatatus</i> (White Bunny Orchid)			
529.	15410 <i>Eriochilus dilatatus</i> subsp. <i>dilatatus</i>			
530.	15411 <i>Eriochilus dilatatus</i> subsp. <i>magnus</i>			
531.	15412 <i>Eriochilus dilatatus</i> subsp. <i>multiflorus</i>			
532.	15415 <i>Eriochilus scaber</i> subsp. <i>scaber</i>			
533.	4332 <i>Erodium botrys</i> (Long Storksbill)	Y		
534.	4333 <i>Erodium cicutarium</i> (Common Storksbill)	Y		
535.	4336 <i>Erodium moschatum</i> (Musky Crowfoot)	Y		
536.	6219 <i>Eryngium pinnatifidum</i> (Blue Devils)			
537.	5628 <i>Eucalyptus drummondii</i> (Drummond's Gum)			
538.	5659 <i>Eucalyptus gomphocephala</i> (Tuart, Duart)			
539.	5688 <i>Eucalyptus laeliae</i> (Darling Range Ghost Gum)			
540.	5708 <i>Eucalyptus marginata</i> (Jarrah, Djara)			
541.	13547 <i>Eucalyptus marginata</i> subsp. <i>marginata</i> (Jarrah)			
542.	5763 <i>Eucalyptus rudis</i> (Flooded Gum, Kulurda)			
543.	13511 <i>Eucalyptus rudis</i> subsp. <i>rudis</i>			
544.	13032 <i>Eucalyptus vegrandis</i>			
545.	12906 <i>Eucalyptus wandoo</i> subsp. <i>wandoo</i>			
546.	3872 <i>Euchilopsis linearis</i> (Swamp Pea)			
547.	15137 <i>Euchiton sphaericus</i>			
548.	4636 <i>Euphorbia paralias</i> (Sea Spurge)	Y		
549.	4648 <i>Euphorbia terracina</i> (Geraldton Carnation Weed)	Y		
550.	3876 <i>Eutaxia epacridoides</i>			
551.	3880 <i>Eutaxia virgata</i>			
552.	835 <i>Evandra pauciflora</i>			
553.	10907 <i>Exocarpos odoratus</i> (Scented Ballart)			
554.	10765 <i>Exocarpos sparteus</i> (Broom Ballart, Djuk)			
555.	1515 <i>Ferraria crispa</i> (Black Flag)	Y		
556.	11445 <i>Ferraria crispa</i> subsp. <i>crispa</i>	Y		
557.	430 <i>Festuca arundinacea</i> (Tall Fescue)	Y		
558.	20216 <i>Ficinia nodosa</i> (Knotted Club Rush)			
559.	1747 <i>Ficus carica</i> (Common Fig)	Y		
560.	32367 <i>Fissidens megalotis</i>			
561.	32369 <i>Fissidens tenellus</i>			
562.	6221 <i>Foeniculum vulgare</i> (Fennel)	Y		
563.	5209 <i>Frankenia pauciflora</i> (Seaheath)			
564.	18392 <i>Freesia alba</i> x <i>leichtlinii</i>	Y		
565.	2969 <i>Fumaria capreolata</i> (Whiteflower Fumitory)	Y		
566.	31532 <i>Fumaria muralis</i> subsp. <i>muralis</i>	Y		
567.	32370 <i>Funaria hygrometrica</i>			
568.	902 <i>Gahnia decomposita</i>			
569.	907 <i>Gahnia trifida</i> (Coast Saw-sedge)			
570.	11571 <i>Galenia pubescens</i> var. <i>pubescens</i>	Y		
571.	7321 <i>Galium divaricatum</i>	Y		
572.	7323 <i>Galium murale</i> (Small Goosegrass)	Y		
573.	25797 <i>Galium spurium</i>	Y		
574.	3891 <i>Gastrolobium bilobum</i> (Heart Leaf Poison)			
575.	20475 <i>Gastrolobium capitatum</i>			
576.	19190 <i>Gastrolobium cuneatum</i>			
577.	20473 <i>Gastrolobium ebracteolatum</i>			
578.	20512 <i>Gastrolobium praemorsum</i>			
579.	19733 <i>Gastrolobium retusum</i>			
580.	3924 <i>Gastrolobium spinosum</i> (Prickly Poison)			
581.	16311 <i>Gazania linearis</i>	Y		
582.	32380 <i>Gemmabryum pachythecum</i>			
583.	3936 <i>Genista linifolia</i> (Flaxleaf Broom)	Y		
584.	4337 <i>Geranium dissectum</i> (Cutleaf Cranesbill)	Y		
585.	4340 <i>Geranium retrorsum</i>			
586.	26854 <i>Gigartina disticha</i>			
587.	1520 <i>Gladiolus caryophyllaceus</i> (Wild Gladiolus)	Y		
588.	11919 <i>Gladiolus communis</i> subsp. <i>byzantinus</i>	Y		Y
589.	1523 <i>Gladiolus tristis</i> (Largeflower Gladiolus)	Y		
590.	1524 <i>Gladiolus undulatus</i> (Wild Gladiolus)	Y		
591.	33620 <i>Glischrocaryon angustifolium</i>			
592.	7060 <i>Glossostigma diandrum</i>			

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593.	17043 <i>Glyceria declinata</i>	Y		
594.	437 <i>Glyceria maxima</i> (Water Meadowgrass)	Y		
595.	6587 <i>Gomphocarpus fruticosus</i> (Narrowleaf Cottonbush)	Y		
596.	3948 <i>Gompholobium capitatum</i>			
597.	10909 <i>Gompholobium confertum</i>			
598.	19216 <i>Gompholobium cyaninum</i>			
599.	3950 <i>Gompholobium knightianum</i>			
600.	3951 <i>Gompholobium marginatum</i>			
601.	3954 <i>Gompholobium polymorphum</i>			
602.	3955 <i>Gompholobium preissii</i>			
603.	3956 <i>Gompholobium shuttleworthii</i>			
604.	3957 <i>Gompholobium tomentosum</i> (Hairy Yellow Pea)			
605.	6159 <i>Gonocarpus nodulosus</i>			
606.	6160 <i>Gonocarpus paniculatus</i>			
607.	7505 <i>Goodenia eatoniana</i>			
608.	7517 <i>Goodenia incana</i> (Hoary Goodenia)			
609.	12551 <i>Goodenia micrantha</i>			
610.	7538 <i>Goodenia pulchella</i>			
611.	19286 <i>Goodenia pulchella</i> subsp. Coastal Plain A (M. Hislop 634)			
612.	19284 <i>Goodenia pulchella</i> subsp. Coastal Plain B (L.W. Sage 2336)			
613.	19285 <i>Goodenia pulchella</i> subsp. Wheatbelt (L.W. Sage & F. Hort 795)			
614.	13165 <i>Goodenia pusilla</i>			
615.	7394 <i>Grammatotheca bergiana</i>			
616.	37500 <i>Grammatotheca bergiana</i> var. <i>bergiana</i>	Y		
617.	26877 <i>Gratelopia filicina</i>			
618.	14282 <i>Gratiola pubescens</i>			
619.	1964 <i>Grevillea bipinnatifida</i> (Fuchsia Grevillea)			
620.	19628 <i>Grevillea bipinnatifida</i> subsp. <i>bipinnatifida</i>			
621.	13085 <i>Grevillea centristigma</i>			
622.	13429 <i>Grevillea diversifolia</i> subsp. <i>diversifolia</i>			
623.	13427 <i>Grevillea manglesioides</i> subsp. <i>manglesioides</i>			
624.	2066 <i>Grevillea pilulifera</i> (Woolly-flowered Grevillea)			
625.	2078 <i>Grevillea pulchella</i> (Beautiful Grevillea)			
626.	15990 <i>Grevillea pulchella</i> subsp. <i>ascendens</i>			
627.	15991 <i>Grevillea pulchella</i> subsp. <i>pulchella</i>			
628.	2080 <i>Grevillea quercifolia</i> (Oak-leaf Grevillea)			
629.	2112 <i>Grevillea trifida</i>			
630.	2119 <i>Grevillea vestita</i>			
631.	12824 <i>Grevillea vestita</i> subsp. <i>vestita</i>			
632.	2122 <i>Grevillea wilsonii</i> (Native Fuchsia)			
633.	1465 <i>Haemodorum discolor</i>			
634.	1468 <i>Haemodorum laxum</i>			
635.	1470 <i>Haemodorum paniculatum</i> (Mardja)			
636.	1472 <i>Haemodorum simplex</i>			
637.	1474 <i>Haemodorum sparsiflorum</i>			
638.	1475 <i>Haemodorum spicatum</i> (Mardja)			
639.	2128 <i>Hakea amplexicaulis</i> (Prickly Hakea)			
640.	2137 <i>Hakea ceratophylla</i> (Horned Leaf Hakea)			
641.	2152 <i>Hakea cyclocarpa</i> (Ramshorn)			
642.	2175 <i>Hakea lissocarpha</i> (Honey Bush)			
643.	2197 <i>Hakea prostrata</i> (Harsh Hakea)			
644.	2206 <i>Hakea stenocarpa</i> (Narrow-fruited Hakea)			
645.	2212 <i>Hakea sulcata</i> (Furrowed Hakea)			
646.	2216 <i>Hakea varia</i> (Variable-leaved Hakea)			
647.	3961 <i>Hardenbergia comptoniana</i> (Native Wisteria)			
648.	8008 <i>Helianthus annuus</i> (Sunflower)	Y		
649.	12016 <i>Helianthus debilis</i> subsp. <i>cucumerifolius</i>	Y		
650.	29594 <i>Helichrysum luteoalbum</i> (Jersey Cudweed)			
651.	6710 <i>Heliotropium europaeum</i> (Common Heliotrope)	Y		
652.	439 <i>Hemarthria uncinata</i> (Matgrass)			
653.	11451 <i>Hemarthria uncinata</i> var. <i>uncinata</i>			
654.	6839 <i>Hemiandra pungens</i> (Snakebush)			
655.	6855 <i>Hemigenia humilis</i>			
656.	6856 <i>Hemigenia incana</i> (Silky Hemigenia)			
657.	6866 <i>Hemigenia pritzelii</i>			
658.	41020 <i>Hemiphora bartlingii</i> (Woolly Dragon)			
659.	5108 <i>Hibbertia acerosa</i> (Needle Leaved Guinea Flower)			
660.	5109 <i>Hibbertia amplexicaulis</i>			
661.	5112 <i>Hibbertia aurea</i>			
662.	5114 <i>Hibbertia commutata</i>			

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663.	5117 <i>Hibbertia cuneiformis</i> (Cutleaf Hibbertia)			
664.	5118 <i>Hibbertia cunninghamii</i>			
665.	20051 <i>Hibbertia diamesogenos</i>			
666.	5125 <i>Hibbertia ferruginea</i>			
667.	5129 <i>Hibbertia glomerata</i>			
668.	5134 <i>Hibbertia huegelii</i>			
669.	5135 <i>Hibbertia hypericoides</i> (Yellow Buttercups)			
670.	5154 <i>Hibbertia perfoliata</i>			
671.	5155 <i>Hibbertia pilosa</i> (Hairy Guinea Flower)			
672.	5161 <i>Hibbertia quadricolor</i>			
673.	5162 <i>Hibbertia racemosa</i> (Stalked Guinea Flower)			
674.	5169 <i>Hibbertia serrata</i> (Serrate Leaved Guinea Flower)			
675.	5170 <i>Hibbertia silvestris</i>			
676.	5172 <i>Hibbertia stellaris</i> (Orange Stars)			
677.	5173 <i>Hibbertia subvaginata</i>			
678.	5176 <i>Hibbertia vaginata</i>			
679.	1294 <i>Hodgsoniola junciformis</i>			
680.	444 <i>Holcus lanatus</i> (Yorkshire Fog)	Y		
681.	6222 <i>Homalosciadium homalocarpum</i>			
682.	5816 <i>Homalospermum firmum</i>			
683.	449 <i>Hordeum leporinum</i> (Barley Grass)	Y		
684.	3964 <i>Hovea chorizemifolia</i> (Holly-leaved Hovea)			
685.	3968 <i>Hovea trisperma</i> (Common Hovea)			
686.	12907 <i>Hovea trisperma</i> var. <i>grandiflora</i>			
687.	12859 <i>Hovea trisperma</i> var. <i>trisperma</i>			
688.	12741 <i>Hyalosperma cotula</i>			
689.	12742 <i>Hyalosperma demissum</i>			
690.	12717 <i>Hyalosperma pusillum</i>			
691.	16759 <i>Hyalosperma simplex</i> subsp. <i>simplex</i>			
692.	5216 <i>Hybanthus calycinus</i> (Wild Violet)			
693.	5218 <i>Hybanthus debilissimus</i>			
694.	5221 <i>Hybanthus floribundus</i>			
695.	12007 <i>Hybanthus floribundus</i> subsp. <i>floribundus</i>			
696.	6223 <i>Hydrocotyle alata</i>			
697.	6224 <i>Hydrocotyle blepharocarpa</i>			
698.	6225 <i>Hydrocotyle bonariensis</i>	Y		
699.	6226 <i>Hydrocotyle callicarpa</i> (Small Pennywort)			
700.	6229 <i>Hydrocotyle diantha</i>			
701.	11546 <i>Hydrocotyle pilifera</i> var. <i>glabrata</i>			
702.	5182 <i>Hypericum perforatum</i> (St John's Wort)	Y		
703.	5817 <i>Hypocalymma angustifolium</i> (White Myrtle, Kudjid)			
704.	35070 <i>Hypocalymma angustifolium</i> subsp. <i>Swan Coastal Plain</i> (G.J. Keighery 16777)			
705.	5818 <i>Hypocalymma cordifolium</i>			
706.	5819 <i>Hypocalymma ericifolium</i>			
707.	5825 <i>Hypocalymma robustum</i> (Swan River Myrtle)			
708.	8086 <i>Hypochaeris glabra</i> (Smooth Catsear)	Y		
709.	9352 <i>Hypochaeris radicata</i> (Flat Weed)	Y		
710.	1070 <i>Hypolaena exsulca</i>			
711.	1071 <i>Hypolaena fastigiata</i>			
712.	17841 <i>Hypolaena pubescens</i>			
713.	6630 <i>Ipomoea indica</i> (Morning Glory)	Y		
714.	11 <i>Isoetes drummondii</i> (Quillwort)			
715.	20199 <i>Isolepis cernua</i> var. <i>cernua</i>			
716.	20200 <i>Isolepis cernua</i> var. <i>setiformis</i>			
717.	912 <i>Isolepis cyperoides</i>			
718.	20198 <i>Isolepis fluitans</i> var. <i>fluitans</i>			
719.	917 <i>Isolepis marginata</i> (Coarse Club-rush)	Y		
720.	919 <i>Isolepis oldfieldiana</i>			
721.	10831 <i>Isolepis prolifera</i> (Budding Club-rush)	Y		
722.	2222 <i>Isopogon attenuatus</i>			
723.	2237 <i>Isopogon sphaerocephalus</i> (Drumstick Isopogon)			
724.	7396 <i>Isotoma hypocrateriformis</i> (Woodbridge Poison)			
725.	7399 <i>Isotoma scapigera</i> (Long-scaped Isotome)			
726.	3992 <i>Isotropis cuneifolia</i> (Granny Bonnets)			
727.	1532 <i>Ixia maculata</i> (Yellow Ixia)	Y		
728.	1533 <i>Ixia paniculata</i>	Y		
729.	1534 <i>Ixia polystachya</i> (Variable Ixia)	Y		
730.	4012 <i>Jacksonia furcellata</i> (Grey Stinkwood)			
731.	4017 <i>Jacksonia horrida</i>			
732.	4018 <i>Jacksonia lehmannii</i>			



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733.	4028 <i>Jacksonia spinosa</i>			
734.	4029 <i>Jacksonia sternbergiana</i> (Stinkwood, Kapur)			
735.	1295 <i>Johnsonia acaulis</i>			
736.	1297 <i>Johnsonia lupulina</i> (Hooded Lily)			
737.	1178 <i>Juncus bufonius</i> (Toad Rush)	Y		
738.	1179 <i>Juncus caespiticius</i> (Grassy Rush)			
739.	1180 <i>Juncus capitatus</i> (Capitate Rush)	Y		
740.	1184 <i>Juncus holoschoenus</i> (Jointleaf Rush)			
741.	11922 <i>Juncus kraussii</i> subsp. <i>australiensis</i>			
742.	1186 <i>Juncus microcephalus</i>	Y		
743.	1188 <i>Juncus pallidus</i> (Pale Rush)			
744.	1189 <i>Juncus pauciflorus</i> (Loose Flower Rush)			
745.	1195 <i>Juncus subsecundus</i> (Finger Rush)			
746.	4036 <i>Kennedia carinata</i>			
747.	4037 <i>Kennedia coccinea</i> (Coral Vine)			
748.	37960 <i>Kennedia coccinea</i> subsp. <i>calcaria</i>			
749.	4044 <i>Kennedia prostrata</i> (Scarlet Runner)			
750.	1221 <i>Kingia australis</i> (Kingia, Pulonok)			
751.	5832 <i>Kunzea ericifolia</i> (Spearwood, Pondil)			
752.	15498 <i>Kunzea glabrescens</i> (Spearwood)			
753.	5835 <i>Kunzea micrantha</i>			
754.	17461 <i>Kunzea micrantha</i> subsp. <i>micrantha</i>			
755.	5841 <i>Kunzea recurva</i>			
756.	14776 <i>Kunzea rostrata</i>			
757.	3669 <i>Labichea punctata</i> (Lance-leaved Cassia)			
758.	13562 <i>Lachenalia aloides</i>	Y		
759.	20019 <i>Lachnagrostis filiformis</i>			
760.	19955 <i>Lachnagrostis plebeia</i>			
761.	8096 <i>Lactuca serriola</i> (Prickly Lettuce)	Y		
762.	18585 <i>Lagenophora huegelii</i>			
763.	14646 <i>Lagunaria patersonia</i>	Y		
764.	467 <i>Lagurus ovatus</i> (Hare's Tail Grass)	Y		
765.	2249 <i>Lambertia multiflora</i> (Many-flowered Honeysuckle)			
766.	5033 <i>Lasiopetalum floribundum</i> (Free Flowering Lasiopetalum)			
767.	4047 <i>Lathyrus tingitanus</i> (Tangier Pea)	Y		
768.	4052 <i>Latrobea tenella</i>			
769.	38323 <i>Lavandula stoechas</i> subsp. <i>stoechas</i>	Y		
770.	4949 <i>Lavatera trimestris</i>	Y		Y
771.	4958 <i>Lawrenzia spicata</i>			
772.	1308 <i>Laxmannia sessiliflora</i> (Nodding Lily)			
773.	11464 <i>Laxmannia sessiliflora</i> subsp. <i>australis</i>			
774.	1309 <i>Laxmannia squarrosa</i>			
775.	7568 <i>Lechenaultia biloba</i> (Blue Leschenaultia)			
776.	7572 <i>Lechenaultia expansa</i>			
777.	7574 <i>Lechenaultia floribunda</i> (Free-flowering Leschenaultia)			
778.	6880 <i>Leonotis leonurus</i> (Lion's Ear)	Y		
779.	3021 <i>Lepidium bonariense</i> (Peppercress)	Y		
780.	19989 <i>Lepidium didymum</i>	Y		
781.	925 <i>Lepidosperma angustatum</i>			
782.	42741 <i>Lepidosperma apricola</i>			
783.	42742 <i>Lepidosperma calcicola</i>			
784.	930 <i>Lepidosperma costale</i>			
785.	932 <i>Lepidosperma effusum</i> (Spreading Sword-sedge)			
786.	933 <i>Lepidosperma gladiatum</i> (Coast Sword-sedge, Kerbin)			
787.	936 <i>Lepidosperma leptostachyum</i>			
788.	937 <i>Lepidosperma longitudinale</i> (Pithy Sword-sedge)			
789.	940 <i>Lepidosperma pubisquamum</i>			
790.	944 <i>Lepidosperma scabrum</i>			
791.	29150 <i>Lepidosperma</i> sp. Margaret River (B.J. Lepschi 1841)			
792.	945 <i>Lepidosperma squamatum</i>			
793.	946 <i>Lepidosperma striatum</i>			
794.	948 <i>Lepidosperma tetraquetrum</i>			
795.	1653 <i>Leporella fimbriata</i> (Hare Orchid)			
796.	15556 <i>Leptocarpus elegans</i>			
797.	19833 <i>Leptocarpus laxus</i>			
798.	1082 <i>Leptocarpus tenax</i> (Slender Twine Rush)			
799.	19124 <i>Leptochloa fusca</i> subsp. <i>fusca</i>			
800.	2342 <i>Leptomeria cunninghamii</i>			
801.	17703 <i>Leptomeria ellytes</i>			
802.	2344 <i>Leptomeria empetriformis</i>			

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803.	2353 <i>Leptomeria scrobiculata</i>			
804.	1085 <i>Lepyrodia glauca</i>			
805.	1087 <i>Lepyrodia hermaphrodita</i>			
806.	1088 <i>Lepyrodia macra</i> (Large Scale Rush)			
807.	1090 <i>Lepyrodia muirii</i>			
808.	1493 <i>Leucojum aestivum</i> (Snowflake)	Y		
809.	16449 <i>Leucophyta brownii</i>			
810.	6360 <i>Leucopogon australis</i> (Spiked Beard-heath)			
811.	6367 <i>Leucopogon capitellatus</i>			
812.	6374 <i>Leucopogon conostephioides</i>			
813.	6375 <i>Leucopogon cordatus</i>			
814.	44201 <i>Leucopogon decrescens</i>			
815.	6396 <i>Leucopogon glabellus</i>			
816.	6417 <i>Leucopogon obovatus</i>			
817.	6425 <i>Leucopogon oxycedrus</i>			
818.	6427 <i>Leucopogon parviflorus</i> (Coast Beard-heath)			
819.	6428 <i>Leucopogon pendulus</i>			
820.	6434 <i>Leucopogon polymorphus</i>			
821.	6436 <i>Leucopogon propinquus</i>			
822.	6439 <i>Leucopogon pulchellus</i> (Beard-heath)			
823.	6440 <i>Leucopogon racemosus</i>			
824.	6441 <i>Leucopogon reflexus</i> (Heart-leaf Beard-heath)			
825.	6454 <i>Leucopogon verticillatus</i> (Tassel Flower)			
826.	7674 <i>Levenhookia preissii</i> (Preiss's Stylewort)			
827.	7676 <i>Levenhookia pusilla</i> (Midget Stylewort)			
828.	7677 <i>Levenhookia stipitata</i> (Common Stylewort)			
829.	59 <i>Lindsaea linearis</i> (Screw Fern)			
830.	4363 <i>Linum trigynum</i> (French Flax)	Y		
831.	36160 <i>Liparophyllum capitatum</i>			
832.	36180 <i>Liparophyllum latifolium</i>			
833.	9289 <i>Lobelia anceps</i> (Angled Lobelia)			
834.	7405 <i>Lobelia rarifolia</i>			
835.	7406 <i>Lobelia rhombifolia</i> (Tufted Lobelia)			
836.	7407 <i>Lobelia rhytidosperma</i> (Wrinkled-seeded Lobelia)			
837.	7408 <i>Lobelia tenuior</i> (Slender Lobelia)			
838.	3048 <i>Lobularia maritima</i> (Sweet Alyssum)	Y		
839.	6511 <i>Logania serpyllifolia</i>			
840.	13128 <i>Logania serpyllifolia</i> subsp. <i>angustifolia</i>			
841.	14551 <i>Logania serpyllifolia</i> subsp. <i>serpyllifolia</i>			
842.	9356 <i>Logfia gallica</i>			
843.	476 <i>Lolium perenne</i> (Perennial Ryegrass)	Y		
844.	478 <i>Lolium rigidum</i> (Wimmera Ryegrass)	Y		
845.	11073 <i>Lolium x hybridum</i>	Y		
846.	1222 <i>Lomandra brittanii</i>			
847.	1223 <i>Lomandra caespitosa</i> (Tufted Mat Rush)			
848.	1225 <i>Lomandra drummondii</i>			
849.	1228 <i>Lomandra hermaphrodita</i>			
850.	1232 <i>Lomandra micrantha</i> (Small-flower Mat-rush)			
851.	1234 <i>Lomandra nigricans</i>			
852.	1235 <i>Lomandra nutans</i>			
853.	1236 <i>Lomandra odora</i> (Tiered Matrush)			
854.	1238 <i>Lomandra pauciflora</i>			
855.	1239 <i>Lomandra preissii</i>			
856.	1240 <i>Lomandra purpurea</i> (Purple Mat Rush)			
857.	1243 <i>Lomandra sericea</i> (Silky Mat Rush)			
858.	1244 <i>Lomandra sonderi</i>			
859.	1245 <i>Lomandra spartea</i>			
860.	1246 <i>Lomandra suaveolens</i>			
861.	7365 <i>Lonicera japonica</i> (Japanese Honeysuckle)	Y		
862.	4059 <i>Lotus angustissimus</i> (Narrowleaf Trefoil)	Y		
863.	8564 <i>Lotus subbiflorus</i>	Y		
864.	1092 <i>Loxocarya cinerea</i>			
865.	4065 <i>Lupinus angustifolius</i> (Narrowleaf Lupin)	Y		
866.	4067 <i>Lupinus luteus</i> (Yellow Lupin)	Y		
867.	1198 <i>Luzula meridionalis</i> (Field Woodrush)			
868.	1097 <i>Lyginia barbata</i>			
869.	18049 <i>Lyginia imberbis</i>			
870.	1656 <i>Lyperanthus serratus</i> (Rattle Beak Orchid)			
871.	36375 <i>Lysimachia arvensis</i> (Pimpernel)	Y		
872.	6456 <i>Lysinema ciliatum</i> (Curry Flower)			

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873.	34736 <i>Lysinema pentapetalum</i>			
874.	5281 <i>Lythrum hyssopifolia</i> (Lesser Loosestrife)	Y		
875.	85 <i>Macrozamia riedlei</i> ( <i>Zamia</i> , <i>Djiridji</i> )			
876.	36480 <i>Malva arborea</i> (Tree Mallow)	Y		
877.	17635 <i>Marianthus drummondianus</i>			
878.	17630 <i>Marianthus tenuis</i>			
879.	74 <i>Marsilea drummondii</i> (Common Nardoo)			
880.	31237 <i>Mauranthemum paludosum</i>	Y		
881.	4073 <i>Medicago intertexta</i> (Calvary Medic)	Y		
882.	4075 <i>Medicago littoralis</i> (Strand Medic)	Y		
883.	4079 <i>Medicago polymorpha</i> (Burr Medic)	Y		
884.	17683 <i>Meeboldina cana</i>			
885.	17679 <i>Meeboldina coangustata</i>			
886.	17747 <i>Meeboldina decipiens</i>			
887.	1098 <i>Meeboldina denmarkica</i>			
888.	17677 <i>Meeboldina roycei</i>			
889.	5921 <i>Melaleuca incana</i> (Grey Honey-myrtle)			
890.	13273 <i>Melaleuca incana</i> subsp. <i>incana</i>			
891.	5926 <i>Melaleuca lateritia</i> (Robin Redbreast Bush)			
892.	5938 <i>Melaleuca microphylla</i>			
893.	20297 <i>Melaleuca osullivanii</i>			
894.	18394 <i>Melaleuca parviceps</i>			
895.	5946 <i>Melaleuca pauciflora</i>			
896.	5952 <i>Melaleuca preissiana</i> (Moonah)			
897.	5959 <i>Melaleuca raphiophylla</i> (Swamp Paperbark)			
898.	18598 <i>Melaleuca systema</i>			
899.	5978 <i>Melaleuca teretifolia</i> (Banbar)			
900.	5980 <i>Melaleuca thymoides</i>			
901.	5983 <i>Melaleuca trichophylla</i>			
902.	5987 <i>Melaleuca viminea</i> (Mohan)			
903.	13280 <i>Melaleuca viminea</i> subsp. <i>viminea</i>			
904.	4785 <i>Melianthus major</i>	Y		
905.	4085 <i>Melilotus indicus</i>	Y		
906.	19827 <i>Melilotus siculus</i>	Y		
907.	6883 <i>Mentha pulegium</i> (Pennyroyal)	Y		
908.	953 <i>Mesomelaena graciliceps</i>			
909.	11473 <i>Mesomelaena stygia</i> subsp. <i>stygia</i>			
910.	957 <i>Mesomelaena tetragona</i> (Semaphore Sedge)			
911.	485 <i>Microlaena stipoides</i> (Weeping Grass)			
912.	31713 <i>Microtis cupularis</i>			
913.	10954 <i>Microtis media</i> (Tall Mignonette Orchid)			
914.	15419 <i>Microtis media</i> subsp. <i>media</i>			
915.	1660 <i>Microtis orbicularis</i> (Dark Mignonette Orchid)			
916.	8105 <i>Millotia myosotidifolia</i>			
917.	8106 <i>Millotia tenuifolia</i> (Soft Millotia)			
918.	14344 <i>Millotia tenuifolia</i> var. <i>tenuifolia</i> (Soft Millotia)			
919.	4090 <i>Mirbelia dilatata</i> (Holly-leaved Mirbelia)			
920.	2894 <i>Moenchia erecta</i> (Erect Chickweed)	Y		
921.	29418 <i>Monoculus monstrosus</i>	Y		
922.	37440 <i>Monopsis debilis</i> var. <i>depressa</i>	Y		
923.	4662 <i>Monotaxis grandiflora</i> (Diamond of the Desert)			
924.	4666 <i>Monotaxis occidentalis</i>			
925.	19179 <i>Moraea flaccida</i> (One-leaf Cape Tulip)	Y		
926.	19178 <i>Moraea lewisiae</i>	Y		
927.	19180 <i>Moraea miniata</i> (Two-leaf Cape Tulip)	Y		
928.	19438 <i>Moraea ochroleuca</i>	Y		
929.	16896 <i>Muehlenbeckia complexa</i>	Y		Y
930.	7289 <i>Myoporum caprarioides</i> (Slender Myoporum)			
931.	8117 <i>Myriocephalus helichrysoides</i>			
932.	6189 <i>Myriophyllum crispatum</i>			
933.	1494 <i>Narcissus pseudonarcissus</i>	Y		
934.	1495 <i>Narcissus tazetta</i> (Jonquill)	Y		
935.	6464 <i>Needhamiella pumilio</i>			
936.	492 <i>Neurachne alopecuroidea</i> (Foxtail Mulga Grass)			
937.	1381 <i>Nothoscordum gracile</i>	Y		
938.	2401 <i>Nuytsia floribunda</i> (Christmas Tree, Mudja)			
939.	16390 <i>Oenothera drummondii</i> subsp. <i>drummondii</i>	Y		
940.	6140 <i>Oenothera mollissima</i>	Y		
941.	2365 <i>Olax benthamiana</i>			
942.	8127 <i>Olearia axillaris</i> (Coastal Daisybush)			

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943.	8133 <i>Olearia elaeophila</i>			
944.	8143 <i>Olearia paucidentata</i> (Autumn Scrub Daisy)			
945.	18254 <i>Opercularia apiciflora</i>			
946.	7348 <i>Opercularia hispidula</i> (Hispid Stinkweed)			
947.	18255 <i>Opercularia vaginata</i> (Dog Weed)			
948.	17 <i>Ophioglossum lusitanicum</i> (Adders Tongue)			
949.	36177 <i>Ornduffia albiflora</i>			
950.	36181 <i>Ornduffia parnassifolia</i>			
951.	1372 <i>Ornithogalum arabicum</i> (Lesser Cape Lily)	Y		
952.	20664 <i>Ornithogalum longibracteatum</i>	Y		
953.	4113 <i>Ornithopus compressus</i> (Yellow Serradella)	Y		
954.	4115 <i>Ornithopus sativus</i> (French Serradella)	Y		
955.	7122 <i>Orobanche minor</i> (Lesser Broomrape)	Y		
956.	1537 <i>Orthrosanthus laxus</i> (Morning Iris)			
957.	11749 <i>Orthrosanthus laxus</i> var. <i>laxus</i> (Morning Iris)			
958.	168 <i>Ottelia ovalifolia</i> (Swamp Lily)			
959.	14531 <i>Ottelia ovalifolia</i> subsp. <i>ovalifolia</i>			
960.	4348 <i>Oxalis caprina</i>	Y		
961.	4352 <i>Oxalis glabra</i>	Y		
962.	4354 <i>Oxalis incarnata</i>	Y		
963.	4355 <i>Oxalis perennans</i>			
964.	7117 <i>Pandorea pandorana</i>			
965.	502 <i>Panicum capillare</i> (Witchgrass)	Y		
966.	1667 <i>Paracaleana nigrita</i> (Flying Duck Orchid)			
967.	20101 <i>Paragonis grandiflora</i>			
968.	3618 <i>Paraserianthes lophantha</i> (Albizia)			
969.	17114 <i>Paraserianthes lophantha</i> subsp. <i>lophantha</i>			
970.	7089 <i>Parentucellia latifolia</i> (Common Bartsia)	Y		
971.	7090 <i>Parentucellia viscosa</i> (Sticky Bartsia)	Y		
972.	1762 <i>Parietaria debilis</i> (Pellitory)			
973.	527 <i>Paspalum dilatatum</i>	Y		
974.	528 <i>Paspalum distichum</i> (Water Couch)	Y		
975.	5225 <i>Passiflora filamentosa</i>	Y		
976.	6244 <i>Pastinaca sativa</i> (Wild Parsnip)	Y		
977.	1542 <i>Patersonia babianoides</i>			
978.	1546 <i>Patersonia juncea</i> (Rush Leaved Patersonia)			
979.	1548 <i>Patersonia limbata</i>			
980.	1550 <i>Patersonia occidentalis</i> (Purple Flag, Koma)			
981.	30472 <i>Patersonia occidentalis</i> var. <i>occidentalis</i>			
982.	1553 <i>Patersonia umbrosa</i> (Yellow Flags)			
983.	11550 <i>Patersonia umbrosa</i> var. <i>xanthina</i> (Yellow Flags)			
984.	43761 <i>Pauridia occidentalis</i> var. <i>occidentalis</i>			
985.	43762 <i>Pauridia occidentalis</i> var. <i>quadriloba</i>			
986.	43782 <i>Pauridia vaginata</i> var. <i>vaginata</i>			
987.	4343 <i>Pelargonium capitatum</i> (Rose Pelargonium)	Y		
988.	11139 <i>Pelargonium</i> x <i>domesticum</i>	Y		
989.	6245 <i>Pentapeltis peltigera</i>			
990.	6006 <i>Pericalymma ellipticum</i> (Swamp Teatree)			
991.	16477 <i>Pericalymma ellipticum</i> var. <i>ellipticum</i>			
992.	16478 <i>Pericalymma ellipticum</i> var. <i>floridum</i>			
993.	15501 <i>Pericalymma spongiocaula</i>			
994.	13911 <i>Persicaria decipiens</i>			
995.	16983 <i>Persicaria maculosa</i>	Y		
996.	11052 <i>Persicaria prostrata</i>			
997.	2267 <i>Persoonia longifolia</i> (Snottygobble)			
998.	2273 <i>Persoonia saccata</i> (Snottygobble)			
999.	2299 <i>Petrophile linearis</i> (Pixie Mops)			
1000.	2312 <i>Petrophile striata</i>			
1001.	19825 <i>Petrorhagia dubia</i>	Y		
1002.	27131 <i>Phacelocarpus alatus</i>			
1003.	547 <i>Phalaris angusta</i>	Y		
1004.	548 <i>Phalaris aquatica</i> (Phalaris)	Y		
1005.	551 <i>Phalaris minor</i> (Lesser Canary Grass)	Y		
1006.	32410 <i>Philonotis scabrifolia</i>			
1007.	18529 <i>Philothea spicata</i> (Pepper and Salt)			
1008.	1173 <i>Philydrella pygmaea</i> (Butterfly Flowers)			
1009.	14306 <i>Philydrella pygmaea</i> subsp. <i>pygmaea</i>			
1010.	1478 <i>Phlebocarya ciliata</i>			
1011.	1479 <i>Phlebocarya filifolia</i>			
1012.	16825 <i>Phyllangium divergens</i>			

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1013.	4675 <i>Phyllanthus calycinus</i> (False Boronia)			
1014.	31275 <i>Physalis hederifolia</i> (Sticky Cape Gooseberry)	Y		Y
1015.	2793 <i>Phytolacca octandra</i> (Red Ink Plant)	Y		
1016.	14371 <i>Picris angustifolia</i>			
1017.	2408 <i>Pilostyles hamiltonii</i>			
1018.	78 <i>Pilularia novae-hollandiae</i> (Austral Pillwort)			
1019.	5231 <i>Pimelea angustifolia</i> (Narrow-leaved Pimelea)			
1020.	11928 <i>Pimelea ciliata</i> subsp. <i>ciliata</i>			
1021.	5251 <i>Pimelea imbricata</i>			
1022.	11402 <i>Pimelea imbricata</i> var. <i>piligera</i>			
1023.	5252 <i>Pimelea lanata</i>			
1024.	11182 <i>Pimelea lehmanniana</i> subsp. <i>nervosa</i>			
1025.	11639 <i>Pimelea longiflora</i> subsp. <i>longiflora</i>			
1026.	5259 <i>Pimelea preissii</i>			
1027.	5261 <i>Pimelea rosea</i> (Rose Banjine)			
1028.	18117 <i>Pimelea rosea</i> subsp. <i>rosea</i>			
1029.	12041 <i>Pimelea suaveolens</i> subsp. <i>suaveolens</i>			
1030.	5268 <i>Pimelea sulphurea</i> (Yellow Banjine)			
1031.	5269 <i>Pimelea sylvestris</i>			
1032.	42281 <i>Pithocarpa cordata</i>			
1033.	18352 <i>Pithocarpa pulchella</i> var. <i>melanostigma</i>			
1034.	42260 <i>Pithocarpa ramosa</i>			
1035.	16322 <i>Pittosporum undulatum</i>	Y		
1036.	7303 <i>Plantago lanceolata</i> (Ribwort Plantain)	Y		
1037.	6249 <i>Platysace compressa</i> (Tapeworm Plant)			
1038.	6253 <i>Platysace filiformis</i>			
1039.	6259 <i>Platysace tenuissima</i>			
1040.	4524 <i>Platytheca galioides</i>			
1041.	571 <i>Poa annua</i> (Winter Grass)	Y		
1042.	573 <i>Poa drummondiana</i> (Knotted Poa)			
1043.	577 <i>Poa poliformis</i> (Coastal Poa)			
1044.	86 <i>Podocarpus drouynianus</i> (Wild Plum, Kula)			
1045.	8172 <i>Podolepis canescens</i> (Bright Podolepis, Grey Podolepis)			
1046.	8175 <i>Podolepis gracilis</i> (Slender Podolepis)			
1047.	8177 <i>Podolepis lessonii</i>			
1048.	8188 <i>Pogonolepis stricta</i>			
1049.	2419 <i>Polygonum aviculare</i> (Wireweed)	Y		
1050.	582 <i>Polypogon monspeliensis</i> (Annual Beardgrass)	Y		
1051.	583 <i>Polypogon tenellus</i>			
1052.	18323 <i>Populus alba</i>	Y		
1053.	4690 <i>Poranthera huegelii</i>			
1054.	122 <i>Posidonia angustifolia</i>			
1055.	110 <i>Potamogeton drummondii</i>			
1056.	15424 <i>Praecoxanthus aphyllus</i>			
1057.	1668 <i>Prasophyllum brownii</i>			
1058.	1671 <i>Prasophyllum elatum</i> (Tall Leek Orchid)			
1059.	1672 <i>Prasophyllum fimbria</i> (Fringed Leek Orchid)			
1060.	1674 <i>Prasophyllum giganteum</i> (Bronze Leek Orchid)			
1061.	1676 <i>Prasophyllum hians</i> (Yawning Leek Orchid)			
1062.	1680 <i>Prasophyllum parvifolium</i> (Autumn Leek Orchid)			
1063.	10853 <i>Prasophyllum plumiforme</i>			
1064.	41651 <i>Pteridium esculentum</i> subsp. <i>esculentum</i>			
1065.	27195 <i>Pterocladia lucida</i>			
1066.	1685 <i>Pterostylis angusta</i>			
1067.	15426 <i>Pterostylis aspera</i>			
1068.	1686 <i>Pterostylis barbata</i> (Bird Orchid)			
1069.	17267 <i>Pterostylis brevisepala</i>			
1070.	11054 <i>Pterostylis hamiltonii</i> (Red-veined Shell Orchid)			
1071.	11118 <i>Pterostylis pyramidalis</i> (Snail Orchid)			
1072.	1693 <i>Pterostylis recurva</i> (Jug Orchid)			
1073.	1694 <i>Pterostylis rogersii</i> (Curled-tongue Shell Orchid)			
1074.	12217 <i>Pterostylis sanguinea</i>			
1075.	18655 <i>Pterostylis</i> sp. <i>crinkled leaf</i> (G.J. Keighery 13426)			
1076.	18658 <i>Pterostylis</i> sp. <i>short sepals</i> (W. Jackson BJ259)			
1077.	10998 <i>Pterostylis turfosa</i> (Bird Orchid)			
1078.	1698 <i>Pterostylis vittata</i> (Banded Greenhood)			
1079.	2718 <i>Ptilotus drummondii</i> (Narrowleaf Mulla Mulla)			
1080.	2751 <i>Ptilotus polystachyus</i> (Prince of Wales Feather)			
1081.	15856 <i>Ptilotus sericostachyus</i> subsp. <i>sericostachyus</i>			
1082.	4177 <i>Pultenaea ochreatea</i>			



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1083.	4180 <i>Pultenaea radiata</i>			
1084.	4181 <i>Pultenaea reticulata</i>			
1085.	4187 <i>Pultenaea verruculosa</i>			
1086.	16367 <i>Pyrorchis nigricans</i> (Red beaks, Elephants ears)			
1087.	18391 <i>Pyrus communis</i>	Y		Y
1088.	8195 <i>Quinetia urvillei</i>			
1089.	32480 <i>Racopilum cuspidigerum</i> var. <i>convolutaceum</i>			
1090.	2932 <i>Ranunculus colonorum</i> (Common Buttercup)			
1091.	2933 <i>Ranunculus muricatus</i> (Sharp Buttercup)	Y		
1092.	3061 <i>Raphanus raphanistrum</i> (Wild Radish)	Y		
1093.	19183 <i>Retama raetam</i>	Y		
1094.	2578 <i>Rhagodia baccata</i> (Berry Saltbush)			
1095.	11341 <i>Rhagodia baccata</i> subsp. <i>baccata</i>			
1096.	11930 <i>Rhagodia baccata</i> subsp. <i>dioica</i> (Sea Berry Saltbush)			
1097.	13300 <i>Rhodanthe citrina</i>			
1098.	13312 <i>Rhodanthe pyrethrum</i>			
1099.	17273 <i>Richardia brasiliensis</i>	Y		
1100.	13683 <i>Ricinocarpos cyanescens</i>			
1101.	4705 <i>Ricinus communis</i> (Castor Oil Plant)	Y		
1102.	14485 <i>Romulea flava</i> var. <i>minor</i>	Y		
1103.	1555 <i>Romulea obscura</i>	Y		
1104.	1556 <i>Romulea rosea</i> (Guildford Grass)	Y		
1105.	11544 <i>Romulea rosea</i> var. <i>australis</i> (Guildford Grass)	Y		
1106.	14924 <i>Romulea rosea</i> var. <i>communis</i>	Y		
1107.	3066 <i>Rorippa nasturtium-aquaticum</i> (Watercress)	Y		
1108.	10931 <i>Rosa chinensis</i> x <i>moschata</i>	Y		
1109.	3187 <i>Rosa rubiginosa</i> (Sweet Briar)	Y		
1110.	32424 <i>Rosulabryum albolimbatum</i>			
1111.	32425 <i>Rosulabryum billarderi</i>			
1112.	32426 <i>Rosulabryum campylothecium</i>			
1113.	32429 <i>Rosulabryum torquescens</i>			
1114.	20496 <i>Rubus laudatus</i>	Y		
1115.	2433 <i>Rumex crispus</i> (Curled Dock)	Y		
1116.	40431 <i>Rytidosperma acerosum</i>			
1117.	40426 <i>Rytidosperma occidentale</i>			
1118.	40430 <i>Rytidosperma pilosum</i>			
1119.	40427 <i>Rytidosperma setaceum</i>			
1120.	2908 <i>Sagina maritima</i>	Y		
1121.	20063 <i>Salix babylonica</i>	Y		
1122.	6483 <i>Samolus junceus</i>			
1123.	6484 <i>Samolus repens</i> (Creeping Brookweed)			
1124.	14107 <i>Samolus repens</i> var. <i>paucifolius</i>			
1125.	2591 <i>Sarcocornia blackiana</i>			
1126.	7595 <i>Scaevola anchusifolia</i>			
1127.	7602 <i>Scaevola calliptera</i>			
1128.	7606 <i>Scaevola crassifolia</i> (Thick-leaved Fan-flower)			
1129.	7613 <i>Scaevola glandulifera</i> (Viscid Hand-flower)			
1130.	7619 <i>Scaevola lanceolata</i>			
1131.	41660 <i>Schenkia australis</i>			
1132.	17056 <i>Schinus molle</i> var. <i>areira</i>	Y		
1133.	11027 <i>Schinus terebinthifolius</i>	Y		
1134.	6263 <i>Schoenolaena juncea</i>			
1135.	968 <i>Schoenoplectus pungens</i> (Sharpleaf Rush)			
1136.	970 <i>Schoenus acuminatus</i>			
1137.	973 <i>Schoenus asperocarpus</i> (Poison Sedge)			
1138.	975 <i>Schoenus bifidus</i>			
1139.	978 <i>Schoenus brevisetis</i>			
1140.	984 <i>Schoenus curvifolius</i>			
1141.	986 <i>Schoenus efoliatus</i>			
1142.	992 <i>Schoenus grandiflorus</i> (Large Flowered Bogrush)			
1143.	1006 <i>Schoenus odontocarpus</i>			
1144.	17614 <i>Schoenus plumosus</i>			
1145.	1011 <i>Schoenus rigens</i>			
1146.	1013 <i>Schoenus sculptus</i> (Gimlet Bog-rush)			
1147.	1017 <i>Schoenus subbulbosus</i>			
1148.	1020 <i>Schoenus sublateralis</i>			
1149.	1023 <i>Schoenus tenellus</i>			
1150.	17409 <i>Schoenus variicellae</i>			
1151.	6033 <i>Scholtzia involucrata</i> (Spiked Scholtzia)			
1152.	6 <i>Selaginella gracillima</i> (Tiny Clubmoss)			

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1153.	32433 <i>Sematophyllum homomallum</i>			
1154.	8203 <i>Senecio diaschides</i>	Y		
1155.	8208 <i>Senecio hispidulus</i> (Hispid Fireweed)			
1156.	20663 <i>Senecio multicaulis</i> subsp. <i>multicaulis</i>			
1157.	20161 <i>Senecio pinnatifolius</i>			
1158.	8220 <i>Senecio vulgaris</i> (Common Groundsel)	Y		
1159.	609 <i>Setaria palmifolia</i> (Palm Grass)	Y		
1160.	613 <i>Setaria verticillata</i> (Whorled Pigeon Grass)	Y		
1161.	9097 <i>Sida rhombifolia</i> (Paddy's Lucerne)	Y		
1162.	8223 <i>Sigesbeckia orientalis</i> (Indian Weed)	Y		
1163.	11803 <i>Silene gallica</i> var. <i>quinquevulnera</i>	Y		
1164.	8224 <i>Siloxerus filifolius</i>			
1165.	8225 <i>Siloxerus humifusus</i> (Procumbent Siloxerus)			
1166.	14583 <i>Siloxerus multiflorus</i>			
1167.	8226 <i>Siloxerus pygmaeus</i>			
1168.	8227 <i>Silybum marianum</i> (Variegated Thistle)	Y		
1169.	3071 <i>Sisymbrium officinale</i> (Hedge Mustard)	Y		
1170.	3072 <i>Sisymbrium orientale</i> (Indian Hedge Mustard)	Y		
1171.	1557 <i>Sisyrrinchium exile</i>	Y		
1172.	7005 <i>Solanum elaeagnifolium</i> (White Horse Nettle, Silverleaf Nightshade)	Y		
1173.	7020 <i>Solanum linnaeanum</i> (Apple of Sodom)	Y		
1174.	7022 <i>Solanum nigrum</i> (Black Berry Nightshade)	Y		
1175.	1765 <i>Soleirolia soleirolii</i> (Babys Tears)	Y		
1176.	10920 <i>Soliva sessilis</i> (Jo-jo, Onehunga Weed)	Y		
1177.	9367 <i>Sonchus hydrophilus</i> (Native Sowthistle)			
1178.	8231 <i>Sonchus oleraceus</i> (Common Sowthistle)	Y		
1179.	617 <i>Sorghum halepense</i> (Johnson Grass)	Y		
1180.	1312 <i>Sowerbaea laxiflora</i> (Purple Tassels)			
1181.	1558 <i>Sparaxis bulbifera</i>	Y		
1182.	1560 <i>Sparaxis pillansii</i> (Harlequin Flower)	Y		
1183.	2912 <i>Spergula arvensis</i> (Corn Spurry)	Y		
1184.	2915 <i>Spergularia rubra</i> (Sand Spurry)	Y		
1185.	17551 <i>Sphaerolobium drummondii</i>			
1186.	4205 <i>Sphaerolobium linophyllum</i>			
1187.	4206 <i>Sphaerolobium macranthum</i>			
1188.	4207 <i>Sphaerolobium medium</i>			
1189.	4210 <i>Sphaerolobium scabriusculum</i>			
1190.	4211 <i>Sphaerolobium vimineum</i> (Leafless Globe Pea)			
1191.	31931 <i>Sphenotoma capitata</i>			
1192.	624 <i>Spinifex hirsutus</i> (Hairy Spinifex)			
1193.	625 <i>Spinifex longifolius</i> (Beach Spinifex)			
1194.	626 <i>Spinifex sericeus</i>	Y		
1195.	8710 <i>Sporobolus africanus</i> (Parramatta Grass)	Y		
1196.	635 <i>Sporobolus virginicus</i> (Marine Couch)			
1197.	4828 <i>Spyridium globulosum</i> (Basket Bush)			
1198.	6930 <i>Stachys arvensis</i> (Staggerweed)	Y		
1199.	4716 <i>Stachystemon vermicularis</i>			
1200.	20537 <i>Stachystemon virgatus</i>			
1201.	4733 <i>Stackhousia monogyna</i>			
1202.	4735 <i>Stackhousia scoparia</i>			
1203.	2918 <i>Stellaria media</i> (Chickweed)	Y		
1204.	19403 <i>Stenopetalum gracile</i>			
1205.	18381 <i>Stenotalis ramosissima</i>			
1206.	636 <i>Stenotaphrum secundatum</i> (Buffalo Grass)	Y		
1207.	2316 <i>Stirlingia latifolia</i> (Blueboy)			
1208.	7678 <i>Stylidium adnatum</i> (Common Beaked Triggerplant)			
1209.	7684 <i>Stylidium amoenum</i> (Lovely Triggerplant)			
1210.	30278 <i>Stylidium androsaceum</i>			
1211.	39880 <i>Stylidium angustifolium</i> subsp. <i>glaucofolium</i>			
1212.	25831 <i>Stylidium araeophyllum</i>			
1213.	7688 <i>Stylidium barleei</i> (Tooth-leaved Triggerplant)			
1214.	7693 <i>Stylidium brunonianum</i> (Pink Fountain Triggerplant)			
1215.	7695 <i>Stylidium caespitosum</i> (Fly-away Triggerplant)			
1216.	7696 <i>Stylidium calcaratum</i> (Book Triggerplant)			
1217.	7699 <i>Stylidium carnosum</i> (Fleshy-leaved Triggerplant)			
1218.	7702 <i>Stylidium ciliatum</i> (Golden Triggerplant)			
1219.	7708 <i>Stylidium crassifolium</i> (Thick-leaved Triggerplant)			
1220.	7713 <i>Stylidium dichotomum</i> (Pins-and-needles)			
1221.	7719 <i>Stylidium ecorne</i> (Foot Triggerplant)			
1222.	25801 <i>Stylidium hesperium</i>			

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1223.	7742 <i>Stylidium inundatum</i> (Hundreds and Thousands)			
1224.	7745 <i>Stylidium junceum</i> (Reed Triggerplant)			
1225.	7752 <i>Stylidium lineatum</i> (Sunny Triggerplant)			
1226.	19248 <i>Stylidium megacarpum</i>			
1227.	25829 <i>Stylidium neurophyllum</i>			
1228.	7773 <i>Stylidium petiolare</i> (Horn Triggerplant)			
1229.	7774 <i>Stylidium piliferum</i> (Common Butterfly Triggerplant)			
1230.	7782 <i>Stylidium pulchellum</i> (Thumbelina Triggerplant)			
1231.	7785 <i>Stylidium repens</i> (Matted Triggerplant)			
1232.	7787 <i>Stylidium rhynchocarpum</i> (Black-beaked Triggerplant)			
1233.	7798 <i>Stylidium schoenoides</i> (Cow Kicks)			
1234.	25830 <i>Stylidium</i> sp. Darling Range (H. Bowler 371)			
1235.	7799 <i>Stylidium spathulatum</i> (Creamy Triggerplant)			
1236.	23511 <i>Stylidium thesioides</i> (Delicate Triggerplant)			
1237.	7806 <i>Stylidium utricularioides</i> (Pink Fan Triggerplant)			
1238.	7808 <i>Stylidium violaceum</i> (Violet Triggerplant)			
1239.	6476 <i>Styphelia tenuiflora</i> (Common Pinheath)			
1240.	2639 <i>Suaeda australis</i> (Seablite)			
1241.	25902 <i>Symphotrichum squamatum</i> (Bushy Starwort)	Y		
1242.	15529 <i>Synaphea floribunda</i>			
1243.	2323 <i>Synaphea gracillima</i>			
1244.	2324 <i>Synaphea petiolaris</i> (Synaphea)			
1245.	16864 <i>Synaphea petiolaris</i> subsp. <i>petiolaris</i>			
1246.	16863 <i>Synaphea petiolaris</i> subsp. <i>triloba</i>			
1247.	2326 <i>Synaphea polymorpha</i> (Albany Synaphea, Pinda)			
1248.	15532 <i>Synaphea spinulosa</i> subsp. <i>spinulosa</i>			
1249.	15535 <i>Synaphea whicherensis</i>			
1250.	32437 <i>Syntrichia antarctica</i>			
1251.	32439 <i>Syntrichia papillosa</i>			
1252.	8245 <i>Taraxacum officinale</i> (Dandelion)	Y		
1253.	20135 <i>Taxandria linearifolia</i>			
1254.	20133 <i>Taxandria parviceps</i>			
1255.	33236 <i>Tecticornia halocnemoides</i> (Shrubby Samphire)			
1256.	33319 <i>Tecticornia indica</i> subsp. <i>bidens</i>			
1257.	2820 <i>Tetragonia decumbens</i> (Sea Spinach)	Y		
1258.	1034 <i>Tetragonia capillaris</i> (Hair Sedge)			
1259.	1036 <i>Tetragonia octandra</i>			
1260.	35579 <i>Tetragonia</i> sp. Jarrah Forest (R. Davis 7391)			
1261.	667 <i>Tetrarrhena laevis</i> (Forrest Ricegrass)			
1262.	4535 <i>Tetradlea hirsuta</i> (Black Eyed Susan)			
1263.	27327 <i>Thamnoclonium dichotomum</i>			
1264.	1701 <i>Thelymitra antennifera</i> (Vanilla Orchid)			
1265.	1705 <i>Thelymitra crinita</i> (Blue Lady Orchid)			
1266.	1707 <i>Thelymitra flexuosa</i> (Twisted Sun Orchid)			
1267.	11143 <i>Thelymitra graminea</i>			
1268.	11053 <i>Thelymitra macrophylla</i>			
1269.	20730 <i>Thelymitra paludosa</i>			
1270.	20731 <i>Thelymitra vulgaris</i>			
1271.	673 <i>Themeda triandra</i>			
1272.	5084 <i>Thomasia grandiflora</i> (Large Flowered Thomasia)			
1273.	5086 <i>Thomasia macrocalyx</i>			
1274.	5087 <i>Thomasia macrocarpa</i> (Large Fruited Thomasia)			
1275.	5091 <i>Thomasia paniculata</i>			
1276.	2644 <i>Threlkeldia diffusa</i> (Coast Bonefruit)			
1277.	32486 <i>Thuidium sparsum</i> var. <i>hastatum</i>			
1278.	1318 <i>Thysanotus arbuscula</i>			
1279.	1319 <i>Thysanotus arenarius</i>			
1280.	1328 <i>Thysanotus dichotomus</i> (Branching Fringe Lily)			
1281.	1338 <i>Thysanotus manglesianus</i> (Fringed Lily)			
1282.	1339 <i>Thysanotus multiflorus</i> (Many-flowered Fringe Lily)			
1283.	1343 <i>Thysanotus patersonii</i>			
1284.	1344 <i>Thysanotus pauciflorus</i> (Few Flowered Fringe Lily)			
1285.	1345 <i>Thysanotus pseudojunceus</i>			
1286.	1351 <i>Thysanotus sparteus</i>			
1287.	1354 <i>Thysanotus tenellus</i>			
1288.	1357 <i>Thysanotus thyrsoides</i>			
1289.	8248 <i>Tolpis barbata</i> (Yellow Hawkweed)	Y		
1290.	1368 <i>Trachyandra divaricata</i>	Y		
1291.	6279 <i>Trachymene ornata</i> (Spongefruit)			
1292.	6280 <i>Trachymene pilosa</i> (Native Parsnip)			

Name ID	Species Name	Naturalised	Conservation Code	<sup>1</sup> Endemic To Query Area
1293.	4547 <i>Tremandra diffusa</i>			
1294.	4548 <i>Tremandra stelligera</i>			
1295.	1481 <i>Tribonanthes australis</i>			
1296.	1482 <i>Tribonanthes brachypetala</i>			
1297.	1483 <i>Tribonanthes longipetala</i>			
1298.	1485 <i>Tribonanthes violacea</i>			
1299.	8251 <i>Trichocline spathulata</i> (Native Gerbera)			
1300.	1361 <i>Tricoryne elatior</i> (Yellow Autumn Lily)			
1301.	1362 <i>Tricoryne humilis</i>			
1302.	1363 <i>Tricoryne tenella</i>			
1303.	4291 <i>Trifolium arvense</i> (Hare's Foot Clover)	Y		
1304.	4292 <i>Trifolium campestre</i> (Hop Clover)	Y		
1305.	17763 <i>Trifolium campestre</i> var. <i>campestre</i> (Hop Clover)	Y		
1306.	4293 <i>Trifolium cernuum</i> (Drooping Flower Clover)	Y		
1307.	4295 <i>Trifolium dubium</i> (Suckling Clover)	Y		
1308.	17759 <i>Trifolium fragiferum</i> var. <i>fragiferum</i>	Y		
1309.	4298 <i>Trifolium hirtum</i> (Rose Clover)	Y		
1310.	4302 <i>Trifolium ligusticum</i> (Ligurian Clover)	Y		
1311.	4304 <i>Trifolium ornithopodioides</i> (Birdsfoot Fenugreek)	Y		
1312.	17788 <i>Trifolium pratense</i> var. <i>sativum</i>	Y		
1313.	4313 <i>Trifolium subterraneum</i> (Subterranean Clover)	Y		
1314.	33276 <i>Triglochin isingiana</i>			
1315.	147 <i>Triglochin mucronata</i>			
1316.	18587 <i>Triglochin nana</i>			
1317.	151 <i>Triglochin striata</i>			
1318.	152 <i>Triglochin trichophora</i>			
1319.	4737 <i>Tripterococcus brunonis</i> (Winged Stackhousia)			
1320.	1139 <i>Trithuria bibracteata</i>			
1321.	1141 <i>Trithuria submersa</i>			
1322.	1561 <i>Tritonia crocata</i>	Y		
1323.	38401 <i>Tritonia gladiolaris</i> (Lined Tritonia)	Y		
1324.	4360 <i>Tropaeolum majus</i> (Garden Nasturtium)	Y		
1325.	33418 <i>Trymalium odoratissimum</i> subsp. <i>odoratissimum</i>			
1326.	33438 <i>Trymalium odoratissimum</i> subsp. <i>trifidum</i>			
1327.	4317 <i>Ulex europaeus</i> (Gorse)	Y		
1328.	35260 <i>Ulva compressa</i>			
1329.	8255 <i>Ursinia anthemoides</i> (Ursinia)	Y		
1330.	38388 <i>Ursinia anthemoides</i> subsp. <i>anthemoides</i>	Y		
1331.	7145 <i>Utricularia menziesii</i> (Redcoats)			
1332.	7148 <i>Utricularia multifida</i>			
1333.	7665 <i>Velleia trinervis</i>			
1334.	8257 <i>Vellereophyton dealbatum</i> (White Cudweed)	Y		
1335.	7107 <i>Verbascum virgatum</i> (Twiggy Mullein)	Y		
1336.	36096 <i>Verbena incompta</i> (Purple-top Verbena)	Y		
1337.	20120 <i>Verbena litoralis</i>	Y		Y
1338.	7108 <i>Veronica arvensis</i> (Wall Speedwell)	Y		
1339.	12388 <i>Verticordia acerosa</i> var. <i>preissii</i>			
1340.	6076 <i>Verticordia densiflora</i> (Compacted Featherflower)			
1341.	12411 <i>Verticordia densiflora</i> var. <i>cespitosa</i>			
1342.	15432 <i>Verticordia densiflora</i> var. <i>densiflora</i>			
1343.	6107 <i>Verticordia pennigera</i>			
1344.	15618 <i>Verticordia plumosa</i> var. <i>plumosa</i>			
1345.	4319 <i>Vicia benghalensis</i> (Purple Vetch)	Y		
1346.	4320 <i>Vicia hirsuta</i> (Hairy Vetch)	Y		
1347.	4322 <i>Vicia sativa</i> (Common Vetch)	Y		
1348.	11474 <i>Vicia sativa</i> subsp. <i>nigra</i>	Y		
1349.	4325 <i>Viminaria juncea</i> (Swishbush, Koweda)			
1350.	6575 <i>Vinca major</i> (Blue Periwinkle)	Y		
1351.	5223 <i>Viola odorata</i> (Common Violet)	Y		
1352.	722 <i>Vulpia bromoides</i> (Squirrel Tail Fescue)	Y		
1353.	11137 <i>Vulpia fasciculata</i>	Y		
1354.	724 <i>Vulpia myuros</i> (Rat's Tail Fescue)	Y		
1355.	7384 <i>Wahlenbergia capensis</i> (Cape Bluebell)	Y		
1356.	7388 <i>Wahlenbergia multicaulis</i>			
1357.	7389 <i>Wahlenbergia preissii</i>			
1358.	8282 <i>Waitzia suaveolens</i> (Fragrant Waitzia)			
1359.	13103 <i>Watsonia borbonica</i>	Y		
1360.	18375 <i>Watsonia knysnana</i>	Y		
1361.	1566 <i>Watsonia marginata</i>	Y		
1362.	1567 <i>Watsonia meriana</i> (Bulbil Watsonia)	Y		

Name ID	Species Name	Naturalised	Conservation Code	<sup>1</sup> Endemic To Query Area
1363.	18108 <i>Watsonia meriana</i> var. <i>bulbillifera</i>	Y		
1364.	18118 <i>Watsonia meriana</i> var. <i>meriana</i>	Y		
1365.	1569 <i>Watsonia versfeldii</i>	Y		
1366.	6658 <i>Wilsonia backhousei</i> ( <i>Narrow-leaf Wilsonia</i> )			
1367.	6659 <i>Wilsonia humilis</i> ( <i>Silky Wilsonia</i> )			
1368.	12072 <i>Wurmbea dioica</i> subsp. <i>alba</i>			
1369.	1403 <i>Wurmbea tenella</i> ( <i>Eight Nancy</i> )			
1370.	1249 <i>Xanthorrhoea acanthostachya</i>			
1371.	1251 <i>Xanthorrhoea brunonis</i>			
1372.	14544 <i>Xanthorrhoea brunonis</i> subsp. <i>brunonis</i>			
1373.	14545 <i>Xanthorrhoea brunonis</i> subsp. <i>semibarbata</i>			
1374.	1253 <i>Xanthorrhoea gracilis</i> ( <i>Graceful Grass Tree, Mimidi</i> )			
1375.	1256 <i>Xanthorrhoea preissii</i> ( <i>Grass tree, Palga</i> )			
1376.	6283 <i>Xanthosia atkinsoniana</i>			
1377.	6284 <i>Xanthosia candida</i>			
1378.	6285 <i>Xanthosia ciliata</i>			
1379.	6289 <i>Xanthosia huegelii</i>			
1380.	19330 <i>Xanthosia tasmanica</i>			
1381.	2331 <i>Xylomelum occidentale</i> ( <i>Woody Pear, Djandin</i> )			
1382.	1049 <i>Zantedeschia aethiopica</i> ( <i>Arum Lily</i> )	Y		
1383.	32457 <i>Zygodon intermedius</i>			
1384.	4390 <i>Zygophyllum fruticosum</i> ( <i>Shrubby Twinleaf</i> )			

**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

<sup>1</sup> 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.







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## **Appendix C: Definitions, Categories and Criteria for Conservation Significant Vegetation, Flora and Fauna**

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Table C.1: Categories of threatened ecological communities (DEC 2010).

<p><b>PD: Presumed Destroyed</b></p>
<p>An ecological community that has been adequately searched for but for which no representative occurrences have been located. The community has been found to be totally destroyed or so extensively modified throughout its range that no occurrence of it is likely to recover its species composition and/or structure in the foreseeable future.</p> <p>An ecological community will be listed as presumed totally destroyed if there are no recent records of the community being extant <b>and either</b> of the following applies ( A or B):</p> <p>A) Records within the last 50 years have not been confirmed despite thorough searches of known or likely habitats <b>or</b></p> <p>B) All occurrences recorded within the last 50 years have since been destroyed.</p>
<p><b>CR : Critically Endangered</b></p>
<p>An ecological community that has been adequately surveyed and found to have been subject to a major contraction in area and/or that was originally of limited distribution and is facing severe modification or destruction throughout its range in the immediate future, or is already severely degraded throughout its range but capable of being substantially restored or rehabilitated.</p> <p>An ecological community will be listed as <b>Critically Endangered</b> when it has been adequately surveyed and is found to be facing an extremely high risk of total destruction in the immediate future. This will be determined on the basis of the best available information, by it meeting <b>any one or more of</b> the following criteria (A, B or C):</p> <p>A) The estimated geographic range, and/or total area occupied, and/or number of discrete occurrences since European settlement have been reduced by at least 90% <b>and either or both</b> of the following apply (i or ii):</p> <p>i) geographic range, and/or total area occupied and/or number of discrete occurrences are continuing to decline such that total destruction of the community is imminent (within approximately 10 years);</p> <p>ii) modification throughout its range is continuing such that in the immediate future (within approximately 10 years) the community is unlikely to be capable of being substantially rehabilitated.</p> <p>B) Current distribution is limited, <b>and one or more</b> of the following apply (i, ii or iii):</p> <p>i) geographic range and/or number of discrete occurrences, and/or area occupied is highly restricted and the community is currently subject to known threatening processes which are likely to result in total destruction throughout its range in the immediate future (within approximately 10 years);</p> <p>ii) there are very few occurrences, each of which is small and/or isolated and extremely vulnerable to known threatening processes;</p> <p>iii) there may be many occurrences but total area is very small and each occurrence is small and/or isolated and extremely vulnerable to known threatening processes.</p> <p>C) The ecological community exists only as highly modified occurrences that may be capable of being rehabilitated if such work begins in the immediate future (within approximately 10 years).</p>

**En: Endangered**

An ecological community that has been adequately surveyed and found to have been subject to a major contraction in area and/or was originally of limited distribution and is in danger of significant modification throughout its range or severe modification or destruction over most of its range in the near future.

An ecological community will be listed as **Endangered** when it has been adequately surveyed and is not Critically Endangered but is facing a very high risk of total destruction in the near future. This will be determined on the basis of the best available information by it meeting **any one or more** of the following criteria (A, B, or C):

- A) The geographic range, and/or total area occupied, and/or number of discrete occurrences have been reduced by at least 70% since European settlement **and either or both** of the following apply (i or ii):
- i) the estimated geographic range, and/or total area occupied and/or number of discrete occurrences are continuing to decline such that total destruction of the community is likely in the short term future (within approximately 20 years);
  - ii) modification throughout its range is continuing such that in the short term future (within approximately 20 years) the community is unlikely to be capable of being substantially restored or rehabilitated.
- B) Current distribution is limited, **and one or more** of the following apply (i, ii or iii):
- i) geographic range and/or number of discrete occurrences, and/or area occupied is highly restricted and the community is currently subject to known threatening processes which are likely to result in total destruction throughout its range in the short term future (within approximately 20 years);
  - ii) there are few occurrences, each of which is small and/or isolated and all or most occurrences are very vulnerable to known threatening processes;
  - iii) there may be many occurrences but total area is small and all or most occurrences are small and/or isolated and very vulnerable to known threatening processes.
- C) The ecological community exists only as very modified occurrences that may be capable of being substantially restored or rehabilitated if such work begins in the short-term future (within approximately 20 years).

**VU: Vulnerable**

An ecological community that has been adequately surveyed and is found to be declining and/or has declined in distribution and/or condition and whose ultimate security has not yet been assured and/or a community that is still widespread but is believed likely to move into a category of higher threat in the near future if threatening processes continue or begin operating throughout its range.

An ecological community will be listed as **Vulnerable** when it has been adequately surveyed and is not Critically Endangered or Endangered but is facing a high risk of total destruction or significant modification in the medium to long-term future. This will be determined on the basis of the best available information by it meeting **any one or more of** the following criteria (A, B or C):

- A) The ecological community exists largely as modified occurrences that are likely to be capable of being substantially restored or rehabilitated.
- B) The ecological community may already be modified and would be vulnerable to threatening processes, is restricted in area and/or range and/or is only found at a few locations.
- C) The ecological community may be still widespread but is believed likely to move into a category of higher threat in the medium to long term future because of existing or impending threatening processes.

**Table C.2: Definitions and criteria for priority ecological communities (DEC 2010).**

Possible threatened ecological communities that do not meet survey criteria or that are not adequately defined are added to the Priority Ecological Community Lists under Priorities 1, 2 and 3. Ecological Communities that are adequately known, and are rare but not threatened or meet criteria for Near Threatened, or that have been recently removed from the threatened list, are placed in Priority 4. These ecological communities require regular monitoring. Conservation Dependent ecological communities are placed in Priority 5.

<p><b>P1: Priority One – Poorly-known ecological communities</b></p> <p>Ecological communities with apparently few, small occurrences, all or most not actively managed for conservation (e.g. within agricultural or pastoral lands, urban areas, active mineral leases) and for which current threats exist. Communities may be included if they are comparatively well-known from one or more localities but do not meet adequacy of survey requirements, and/or are not well defined, and appear to be under immediate threat from known threatening processes across their range.</p>
<p><b>P2: Priority Two – Poorly-Known ecological communities</b></p> <p>Communities that are known from few small occurrences, all or most of which are actively managed for conservation (e.g. within national parks, conservation parks, nature reserves, State forest, unallocated Crown land, water reserves, etc.) and not under imminent threat of destruction or degradation. Communities may be included if they are comparatively well known from one or more localities but do not meet adequacy of survey requirements, and/or are not well defined, and appear to be under threat from known threatening processes.</p>
<p><b>P3: Priority Three – Poorly-Known ecological communities</b></p> <p>(i) Communities that are known from several to many occurrences, a significant number or area of which are not under threat of habitat destruction or degradation or:                  (ii) communities known from a few widespread occurrences, which are either large or within significant remaining areas of habitat in which other occurrences may occur, much of it not under imminent threat, or;                  (iii) communities made up of large, and/or widespread occurrences, that may or not be represented in the reserve system, but are under threat of modification across much of their range from processes such as grazing by domestic and/or feral stock, and inappropriate fire regimes.                  Communities may be included if they are comparatively well known from several localities but do not meet adequacy of survey requirements and/or are not well defined, and known threatening processes exist that could affect them.</p>
<p><b>P4: Priority Four</b></p> <p>Ecological communities that are adequately known, rare but not threatened or meet criteria for Near Threatened, or that have been recently removed from the threatened list. These communities require regular monitoring.</p> <p>Rare. Ecological communities known from few occurrences that are considered to have been adequately surveyed, or for which sufficient knowledge is available, and that are considered not currently threatened or in need of special protection, but could be if present circumstances change. These communities are usually represented on conservation lands.</p> <p>Near Threatened. Ecological communities that are considered to have been adequately surveyed and that do not qualify for Conservation Dependent, but that are close to qualifying for Vulnerable.</p> <p>(c) Ecological communities that have been removed from the list of threatened communities during the past five years.</p>
<p><b>P5: Priority Five – Conservation dependent ecological communities</b></p> <p>Ecological communities that are not threatened but are subject to a specific conservation program, the cessation of which would result in the community becoming threatened within five years.</p>

**Table C.3: Definitions and Criteria for Threatened Ecological communities (DoE 2013b).**

Three categories exist for listing threatened ecological communities under the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act). An ecological community may be categorised:

<b>Categories of ecological communities</b>	
<b>Critically endangered</b>	A native species is eligible to be included in the critically endangered category at a particular time if, at that time, it is facing an extremely high risk of extinction in the wild in the immediate future, as determined in accordance with the prescribed criteria.
<b>Endangered</b>	A native species is eligible to be included in the endangered category at a particular time if, at that time: (a) it is not critically endangered (b) it is facing a very high risk of extinction in the wild in the near future, as determined in accordance with the prescribed criteria.
<b>Vulnerable</b>	A native species is eligible to be included in the vulnerable category at a particular time if, at that time: (a) it is not critically endangered or endangered; and (b) it is facing a high risk of extinction in the wild in the medium term future, as determined in accordance with the prescribed criteria.

Table C.4: Conservation codes for Western Australian flora and fauna (DPaW 15 May 2013).

Code	Conservation category	Definition
X	Schedule 2 of the Wildlife Conservation (Specially Protected Fauna) Notice and Wildlife Conservation (Rare Flora) Notice under the <i>Wildlife Conservation Act 1950</i> . <ul style="list-style-type: none"> <li>• <b>Presumed Extinct Fauna</b></li> <li>• <b>Presumed Extinct Flora (Declared Rare Flora – Extinct)</b></li> </ul>	Taxa which have been adequately searched for and there is no reasonable doubt that the last individual has died, and have been gazetted as such.
T	Schedule 1 of the Wildlife Conservation (Specially Protected Fauna) Notice and Wildlife Conservation (Rare Flora) Notice under the <i>Wildlife Conservation Act 1950</i> . <ul style="list-style-type: none"> <li>• <b>Threatened Fauna (Fauna that is rare or is likely to become extinct)</b></li> <li>• <b>Threatened Flora (Declared Rare Flora - Extant)</b></li> </ul>	Taxa that have been adequately searched for and are deemed to be in the wild either rare, in danger of extinction, or otherwise in need of special protection, and have been gazetted as such.
IA	Schedule 3 of the Wildlife Conservation (Specially Protected Fauna) Notice under the <i>Wildlife Conservation Act 1950</i> . <ul style="list-style-type: none"> <li>• <b>Birds protected under an international agreement</b></li> </ul>	Birds that are subject to an agreement between governments of Australia and Japan relating to the protection of migratory birds and birds in danger of extinction.
S	Schedule 4 of the Wildlife Conservation (Specially Protected Fauna) Notice under the <i>Wildlife Conservation Act 1950</i> . <ul style="list-style-type: none"> <li>• <b>Other specially protected fauna</b></li> </ul>	Fauna that is in need of special protection, otherwise than for the reasons mentioned in the above schedules.
<p>Threatened fauna and flora (Schedule 1) are further ranked by the Department according to their level of threat using IUCN Red List criteria:</p> <ul style="list-style-type: none"> <li>• <b>CR: Critically Endangered</b> - considered to be facing an extremely high risk of extinction in the wild.</li> <li>• <b>EN: Endangered</b> - considered to be facing a very high risk of extinction in the wild.</li> <li>• <b>VU: Vulnerable</b> - considered to be facing a high risk of extinction in the wild.</li> </ul>		



**Table C.5: Priority species under Western Australian Wildlife Conservation Act 1950.**

Taxa that have not yet been adequately surveyed to be listed under Schedule 1 or 2 are added to the Priority Flora and Priority Fauna 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 flora or fauna. Taxa that are adequately known, are rare but not threatened, or meet criteria for Near Threatened, or that have been recently removed from the threatened list for other than taxonomic reasons, are placed in Priority 4. These taxa require regular monitoring. Conservation Dependent species are placed in Priority 5.

<b>P1: Priority One – Poorly known taxa</b>
Taxa that are known from one or a few collections or sight records (generally less than five), all on lands not managed for conservation, e.g. agricultural or pastoral lands, urban areas, Shire, Westrail and Main Roads WA road, gravel and soil reserves, and active mineral leases and under threat of habitat destruction or degradation. Taxa may be included if they are comparatively well known from one or more localities but do not meet adequacy of survey requirements and appear to be under immediate threat from known threatening processes.
<b>P2: Priority Two – Poorly known taxa</b>
Taxa that are known from one or a few collections or sight records, some of which are on lands not under imminent threat of habitat destruction or degradation, e.g. national parks, conservation parks, nature reserves, State forest, vacant Crown land, water reserves, etc. Taxa may be included if they are comparatively well known from one or more localities but do not meet adequacy of survey requirements and appear to be under threat from known threatening processes.
<b>P3: Priority Three – Poorly known taxa</b>
Taxa that are known from collections or sight records from several localities not under imminent threat, or from few but widespread localities with either large population size or significant remaining areas of apparently suitable habitat, much of it not under imminent threat. Taxa may be included if they are comparatively well known from several localities but do not meet adequacy of survey requirements and known threatening processes exist that could affect them.
<b>P4: Priority Four: Rare, near threatened and other taxa in need of monitoring</b>
(a) Rare. Taxa that are considered to have been adequately surveyed, or for which sufficient knowledge is available, and that are considered not currently threatened or in need of special protection, but could be if present circumstances change. These taxa are usually represented on conservation lands. (b) Near Threatened. Taxa that are considered to have been adequately surveyed and that do not qualify for Conservation Dependent, but that are close to qualifying for Vulnerable. (c) Taxa that have been removed from the list of threatened species during the past five years for reasons other than taxonomy.
<b>P5: Priority Five: Conservation dependent taxa</b>
Taxa that are not threatened but are subject to a specific conservation program, the cessation of which would result in the taxa becoming threatened within five years.

Table C.6: Categories and definitions for EPBC Act listed flora and fauna species (DEWSPaC 2013).

Conservation category	Definition
Extinct	Taxa not definitely located in the wild during the past 50 years.
Extinct in the wild	Taxa known to survive only in captivity.
Critically endangered (CR)	Taxa facing an extremely high risk of extinction in the wild in the immediate future.
Endangered (E)	Taxa facing a very high risk of extinction in the wild in the near future.
Vulnerable (V)	Taxa facing a high risk of extinction in the wild in the medium term.
Near threatened (NT)	Taxa that risk becoming Vulnerable in the wild.
Conservation dependant (CD)	Taxa whose survival depends upon ongoing conservation measures. Without these measures, a conservation dependent taxon would be classified as Vulnerable or more severely threatened.
Data deficient (insufficiently known) (DD)	Taxa suspected of being Rare, Vulnerable or Endangered, but whose true status cannot be determined without more information.
Least concern (LC)	Taxa that are not considered threatened.

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## **Appendix D: Quadrat and Relevé Data**

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**ASW Dardanup Banksia Rd**

**Site DBR01**

**Location:** Southeast corner of remnant vegetation. **Type:** Quadrat 10 x 10 m  
**Date:** 25/11/2014 **Described by:** VC  
**MGA Zone:** 50 **Easting:** 388303 mE **Northing:** 6300462 mN  
**Habitat:** Jarrah forest.  
**Soil:** Rich dark brown loam.  
**Rock Type:** N/A.  
**Vegetation:** *Eucalyptus marginata* and *Corymbia calophylla* open forest over *Kingia australis* tall open shrubland over *Hakea lissocarpha* and *Hypocalymma angustifolium* low open shrubland over *Tetraria capillaris* and *Patersonia umbrosa* var. *xanthina* very open sedgeland over \**Briza maxima* scattered tussock grassland.  
**Vegetation Code:** EmCckKaHlhaTcPu  
**Veg Condition:** Very good.  
**Fire Age:** >10 years.  
**Notes:** Heavy litter, regrowth, area around is in very good condition, impacted by logging and low diversity. Bare ground: 2-10%.



**Species List**

Name	Cover (%)	Height (m)
? <i>Billardiera variifolia</i>	+	
? <i>Labichea punctata</i>	+	
<i>Acacia lateriticola</i>	+	
<i>Acacia pulchella</i>	+	
<i>Agrostocrinum hirsutum</i>	+	
<i>Banksia dallanneyi</i>	+	
<i>Boronia fastigiata</i>	+	
<i>Bossiaea eriocarpa</i>	+	
<i>Bossiaea ornata</i>	+	
<i>Briza maxima</i>	1	0.15
<i>Chamaescilla corymbosa</i>	+	
<i>Conostylis setigera</i>	+	
<i>Corymbia calophylla</i>	2	25.00
<i>Desmocladius fasciculatus</i>	+	
<i>Drosera</i> sp.	+	
<i>Eucalyptus marginata</i>	30	25.00
<i>Goodenia eatoniana</i>	+	
<i>Hakea amplexicaulis</i>	+	
<i>Hakea lissocarpha</i>	3	0.90
<i>Hibbertia hypericoides</i>	+	

<i>Hypocalymma angustifolium</i>	5	0.60
<i>Hypochoeris glabra</i>	+	
<i>Johnsonia lupulina</i>	+	
<i>Kingia australis</i>	2	3.50
<i>Lagenophora huegelii</i>	+	
<i>Lomandra hermaphrodita</i>	+	
<i>Lomandra preissii</i>	+	
<i>Orobanche minor</i>	+	
<i>Patersonia umbrosa</i> var. <i>xanthina</i>	2	0.70
<i>Pimelea ?suaveolens</i>	+	
<i>Scaevola calliptera</i>	+	
<i>Tetralia capillaris</i>	8	0.60
<i>Tetralia laevis</i>	+	
<i>Trichocline spathulata</i>	+	
<i>Xanthorrhoea gracilis</i>	+	

**ASW Dardanup Banksia Rd**

**Site DBR02**

**Location:** **Type:** Quadrat 10 x 10 m  
**Date:** 12/11/2014 **Described by:** VC  
**MGA Zone:** 50 **Easting:** 388299 mE **Northing:** 6300492 mN  
**Habitat:** Jarrah forest.  
**Soil:** Lateritic loam.  
**Rock Type:** Laterite.  
**Vegetation:** *Eucalyptus marginata* and *Corymbia calophylla* woodland over *Xanthorrhoea preissii* tall open shrubland over *Hakea lissocarpha*, *Xanthorrhoea gracilis* and *Acacia latericola* open shrubland over *Hibbertia hypericoides* low shrubland over *Patersonia umbrosa* var. *xanthina* and *Tetraria capillaris* very open sedgeland.  
**Vegetation Code:** EmCcXpHIHhDfTcPu  
**Veg Condition:** Very good.  
**Fire Age:** >10 years.  
**Notes:** Previously logged, low weed abundance and low diversity.



**Species List**

Name	Cover (%)	Height (m)
? <i>Labichea punctata</i>	+	
<i>Acacia latericola</i>	3	0.70
<i>Acacia urophylla</i>	+	
<i>Banksia ?dallanneyi</i>	+	
<i>Bossiaea eriocarpa</i>	+	
<i>Briza maxima</i>	+	
<i>Conostylis setigera</i>	+	
<i>Conostylis</i> sp.	+	
<i>Corymbia calophylla</i>	4	25.00
<i>Desmocladius fasciculatus</i>	+	
<i>Drosera</i> sp.	+	
<i>Eucalyptus marginata</i>	25	25.00
<i>Gompholobium knightianum</i>	+	
<i>Gompholobium marginatum</i>	+	
<i>Goodenia eatoniana</i>	+	
<i>Hakea amplexicaulis</i>	+	
<i>Hakea lissocarpha</i>	1	1.00
<i>Hibbertia hypericoides</i>	20	0.60

<i>Hypocalymma angustifolium</i>	+	
<i>Hypochaeris glabra</i>	+	
<i>Lagenophora huegelii</i>	+	
<i>Lechenaultia biloba</i>	+	
<i>Lepidosperma squamatum</i>	+	
<i>Lepidosperma tenue</i>	+	
<i>Lomandra sericea</i>	+	
<i>Neurachne alopecuroidea</i>	+	
<i>Opercularia echinocephala</i>	+	
<i>Patersonia umbrosa</i> var. <i>xanthina</i>	3	0.60
<i>Scaevola calliptera</i>	+	
<i>Stylidium</i> sp.	+	
<i>Tetraria capillaris</i>	2	0.60
<i>Tetraria octandra</i>	+	
<i>Thelymitra villosa</i>	+	
<i>Xanthorrhoea gracilis</i>	2	1.50
<i>Xanthorrhoea preissii</i>	2	3.00
<i>Xanthosia candida</i>	+	

**ASW Dardanup Banksia Rd**

**Site DBR03**

**Location:** **Type:** Quadrat 10 x 10 m

**Date:** 12/11/2014 **Described by:** VC

**MGA Zone:** 50 **Easting:** 388316 mE **Northing:** 6300620 mN

**Habitat:** Jarrah forest, upperslope.

**Soil:** Loam.

**Vegetation:** *Eucalyptus marginata* and *Corymbia calophylla* woodland over *Hakea lissocarpa*, *Acacia pulchella* and *Xanthorrhoea preissii* open shrubland over *Hibbertia hypericoides* low shrubland over *Desmocladius fasciculatus* open herbland.

**Vegetation Code:** EmCcXpHIHhDfTcPu

**Veg Condition:** Very good.

**Fire Age:** >10 years.

**Notes:** Heavy humus/litter layer, previously lopped; some degradation and low diversity.  
Bare ground: 2-10%



**Species List**

Name	Cover (%)	Height (m)
? <i>Labichea punctata</i>	+	
<i>Acacia pulchella</i>	3	1.50
<i>Acacia stenoptera</i>	+	
<i>Astroloma pallidum</i>	+	
<i>Banksia ?dallanneyi</i>	+	
<i>Boronia fastigiata</i>	+	
<i>Briza maxima</i>	+	
<i>Caladenia flava</i> subsp. <i>flava</i>	+	
<i>Conostylis setosa</i>	+	
<i>Corymbia calophylla</i>	2	20.00
<i>Dampiera linearis</i>	+	
<i>Desmocladius fasciculatus</i>	20	0.09
<i>Eucalyptus marginata</i>	15	20.00
<i>Hakea amplexicaulis</i>	+	
<i>Hakea lissocarpa</i>	4	1.50
<i>Hibbertia hypericoides</i>	20	0.60
<i>Hypocalymma angustifolium</i>	+	
<i>Hypocalymma robustum</i>	+	
<i>Hypochaeris glabra</i>	+	
<i>Lagenophora huegelii</i>	+	

<i>Lechenaultia biloba</i>	+	
<i>Lepidosperma squamatum</i>	+	
<i>Levenhookia pusilla</i>	+	
<i>Lomandra hermaphrodita</i>	+	
<i>Lomandra sonderi</i>	+	
<i>Patersonia juncea</i>	+	
<i>Patersonia umbrosa</i> var. <i>xanthina</i>	+	
<i>Podolepis gracilis</i>	+	
<i>Pterostylis</i> sp.	+	
<i>Scaevola calliptera</i>	+	
<i>Tetraria capillaris</i>	+	
<i>Tetraria capillaris</i>	+	
<i>Tetraria octandra</i>	+	
<i>Trichocline spathulata</i>	+	
<i>Ursinia anthemoides</i>	+	
<i>Xanthorrhoea preissii</i>	3	1.50



**ASW Dardanup Banksia Rd**

**Site DBR04**

**Location:** **Type:** Quadrat 10 x 10 m

**Date:** 12/11/2014 **Described by:** VC

**MGA Zone:** 50 **Easting:** 388285 mE **Northing:** 6300715 mN

**Habitat:** Jarrah forest, midslope.

**Soil:** Lateritic loam.

**Rock Type:** Infrequent laterite.

**Vegetation:** *Eucalyptus marginata* and *Corymbia calophylla* woodland over *Hakea lissocarpa*, *Xanthorrhoea preissii*, *X. gracilis*, *Acacia lateritica* and *Hibbertia hypericoides* low shrubland over *Tetraria capillaris* very open sedgeland and *Desmocladius fasciculatus* very open herbland.

**Vegetation Code:** EmCcXpHlHhDfTcPu

**Veg Condition:** Very good.

**Fire Age:** >10 years.

**Notes:** Post logging disturbance, still regenerating and low diversity.

Bare ground: 2-10%.



**Species List**

Name	Cover (%)	Height (m)
<i>Acacia lateritica</i>	2	0.90
<i>Astroloma ciliatum</i>	+	
<i>Banksia ?dallanneyi</i>	+	
<i>Banksia bipinnatifida</i>	+	
<i>Bossiaea eriocarpa</i>	+	
<i>Briza maxima</i>	+	
<i>Conostylis aculeata</i>	+	
<i>Conostylis setigera</i>	+	
<i>Corymbia calophylla</i>	5	15.00
<i>Desmocladius fasciculatus</i>	5	0.01
<i>Drosera</i> sp.	+	
<i>Eucalyptus marginata</i>	10	15.00
<i>Gompholobium marginatum</i>	+	
<i>Hakea amplexicaulis</i>	+	
<i>Hakea lissocarpa</i>	3	1.00
<i>Hibbertia hypericoides</i>	15	0.60
<i>Johnsonia lupulina</i>	+	

<i>Lagenophora huegelii</i>	+	
<i>Lepidosperma tenue</i>	+	
<i>Lindsaea linearis</i>	+	
<i>Lomandra sonderi</i>	+	
Orchidaceae sp.	+	
<i>Patersonia juncea</i>	+	
<i>Patersonia umbrosa</i> var. <i>xanthina</i>	+	
<i>Stylidium calcaratum</i>	+	
<i>Tetraria capillaris</i>	10	0.50
<i>Tetraria octandra</i>	+	
<i>Tetrarrhena laevis</i>	+	
<i>Xanthorrhoea gracilis</i>	2	0.90
<i>Xanthorrhoea preissii</i>	2	1.00

**ASW Dardanup Banksia Rd**

**Site DBR05**

**Location:** **Type:** Quadrat 10 x 10 m

**Date:** 12/11/2014 **Described by:** VC

**MGA Zone:** 50 **Easting:** 388239 mE **Northing:** 6300810 mN

**Habitat:** Jarrah forest, midslope.

**Soil:** Lateritic loam.

**Rock Type:** Laterite.

**Vegetation:** *Eucalyptus marginata* and *Corymbia calophylla* woodland over *Hakea lissocarpha* and *Xanthorrhoea preissii* open shrubland over *Hibbertia hypericoides* low shrubland over *Tetraria capillaris* very open sedgeland and *Desmocladius fasciculatus* very open herbland.

**Vegetation Code:** EmCcXpHIHhDfTcPu

**Veg Condition:** Good.

**Fire Age:** >10 years.

**Notes:** Previously logged, heavy litter and low diversity.

Bare ground: 2-10%.



**Species List**

Name	Cover (%)	Height (m)
<i>Acacia lateritica</i>	+	
<i>Aira caryophylla</i>	+	
<i>Astroloma ciliatum</i>	+	
<i>Austrostipa campylachne</i>	+	
<i>Banksia dallaneyi</i>	+	
<i>Boronia fastigiata</i>	+	
<i>Briza maxima</i>	+	
<i>Briza minor</i>	+	
<i>Burchardia congesta</i>	+	
<i>Conostylis aculeata</i>	+	
<i>Conostylis setigera</i>	+	
<i>Conostylis</i> sp.	+	
<i>Corymbia calophylla</i>	2	20.00
<i>Dampiera alata</i>	+	
<i>Desmocladius fasciculatus</i>	3	0.01
<i>Drosera</i> sp.	+	
<i>Eucalyptus marginata</i>	15	20.00
Fabaceae sp.	+	
<i>Gompholobium knightianum</i>	+	

<i>Gompholobium marginatum</i>	+	
<i>Goodenia eatoniana</i>	+	
<i>Hakea amplexicaulis</i>	+	
<i>Hakea lissocarpa</i>	4	1.00
<i>Hibbertia hypericoides</i>	30	0.60
<i>Hypochaeris glabra</i>	+	
<i>Lagenophora huegelii</i>	+	
<i>Lepidosperma tenue</i>	+	
<i>Levenhookia pusilla</i>	+	
<i>Lomandra brittanii</i>	+	
<i>Lomandra sericea</i>	+	
<i>Lomandra</i> sp.	+	
<i>Neurachne alopecuroidea</i>	+	
Orchidaceae sp. 3	+	
<i>Patersonia umbrosa</i> var. <i>xanthina</i>	+	
<i>Scaevola calliptera</i>	+	
<i>Scaevola calliptera</i>	+	
<i>Stylidium amoenum</i>	+	
<i>Stylidium calcaratum</i>	+	
<i>Tetraria capillaris</i>	6	0.60
<i>Tetraria octandra</i>	+	
<i>Tetrarrhena laevis</i>	+	
<i>Trachymene pilosa</i>	+	
<i>Trichocline spathulata</i>	+	
<i>Xanthorrhoea gracilis</i>	+	
<i>Xanthorrhoea preissii</i>	3	1.10

## ASW Dardanup Banksia Rd

Site DBRr06

**Location:** **Type:** Relevé ~10 x 10 m

**Date:** 13/11/2014 **Described by:** VC

**MGA Zone:** 50 **Easting:** 388238 mE **Northing:** 6300490 mN

**Habitat:** Jarrah forest.

**Soil:** Lateritic sandy loam.

**Rock Type:** Surface laterite.

**Vegetation:** *Eucalyptus marginata* open woodland over scattered sedges and herbs.

**Vegetation Code:** NA

**Veg Condition:** Degraded (regrowth).

**Fire Age:** >10 years.

**Notes:** Regrowth area.  
Bare ground: 50-90%.



### Species List

Name	Cover (%)	Height (m)
<i>Avena fatua</i>	+	
<i>Banksia armata</i> var. <i>ignicida</i>	+	
<i>Synaphea petiolaris</i> subsp. <i>triloba</i>	+	
<i>Thomasia grandiflora</i>	+	

## ASW Dardanup Banksia Rd

Site DBRr07

**Location:** **Type:** Relevé ~10 x 10 m

**Date:** 13/11/2014 **Described by:** VC

**MGA Zone:** 50 **Easting:** 388326 mE **Northing:** 6300573 mN

**Habitat:** Jarrah forest, midslope.

**Soil:** Lateritic sandy loam.

**Rock Type:** Surface laterite.

**Vegetation:** *Eucalyptus marginata* and *Corymbia calophylla* woodland over *Xanthorrhoea preissii*, *X. gracilis* and *Acacia pulchella* open shrubland over *Hibbertia hypericoides* low open shrubland over \**Briza maxima* scattered tussock grasses and *Tetraria capillaris* scattered sedges.

**Vegetation Code:** EmCcXpHlHhDfTcPu

**Veg Condition:** Degraded - good.

**Fire Age:** >10 years.

**Notes:** Degraded - logged, previously cleared, and regrowth of Eucalypt and *Corymbia*. Bare ground: 20-50%.



## Species List

### Name

*Acacia pulchella*  
*Boronia fastigiata*  
*Briza maxima*  
*Corymbia calophylla*  
*Desmocladius fasciculatus*  
*Eucalyptus marginata*  
*Gompholobium marginatum*  
*Hakea amplexicaulis*  
*Hibbertia amplexicaulis*  
*Hibbertia hypericoides*  
*Lagenophora huegelii*  
*Lomandra hermaphrodita*  
*Patersonia umbrosa* var. *xanthina*  
*Scaevola calliptera*  
*Tetraria capillaris*  
*Tetraria octandra*  
*Xanthorrhoea gracilis*  
*Xanthorrhoea preissii*



## ASW Dardanup Banksia Rd

Date: 12/11/2014

Described by: VC

### Opportunistic Species List

#### Name

*Acacia extensa*  
*\*Acetosa vesicaria*  
*Adenanthos barbiger*  
*Agonis flexuosa*  
*Aira caryophyllea*  
*Anigozanthos ?manglesii*  
*Austrostipa flavescens*  
*\*Avena fatua*  
*Banksia armata* var. *ignicida*  
*?Billardiera variifolia*  
*Bossiaea eriocarpa*  
*\*Briza maxima*  
*Burchardia congesta*  
*Centaurium erythraea*  
*Caladenia ?attingens* subsp. *attingens*  
*Conostylis aculeata*  
*Conostylis aculeata* subsp. *aculeata*  
*Conostylis setosa*  
*Desmocladius fasciculatus*  
*Gompholobium burtonioides*  
*Gompholobium confertum*  
*Gompholobium knightianum*  
*Gompholobium marginatum*  
*Haemodorum laxum*  
*Hemiandra pungens*  
*Hibbertia amplexicaulis*  
*Kennedia prostrata*  
*Lechenaultia biloba*  
*Lepidosperma tenue*  
*Levenhookia pusilla*  
*Lindsaea linearis*  
*Lobelia tenuior*  
*Logania serpyllifolia* subsp. *angustifolia*  
*Lomandra preissii*  
*Mesomelaena tetragona*  
*Microtis media* subsp. *media*  
*Neurachne alopecuroidea*  
*Opercularia echinocephala*  
*Orthrosanthus laxus* var. *laxus*  
*Paragonis grandiflora*  
*Patersonia occidentalis*  
*Persoonia longifolia*  
*Petrorrhagia velutina*  
*Platysace tenuissima*  
*Podolepis gracilis*  
*Rhytidosperma setaceum*  
*Scaevola calliptera*  
*Sowerbaea laxiflora*  
*Sphaerolobium linophyllum*  
*Sphaerolobium medium*

*Stylidium amoenum*

*Stylidium piliferum*

*Synaphea petiolaris* subsp. *triloba*

*Tetrarrhena laevis*

*Tetralochea hirsuta*

*Thelymitra crinita*

*Thelymitra* sp. 1

*Thelymitra* sp. 2

*Thelymitra villosa*

*Thysanotus multiflorus*

*Thysanotus sparteus*

*Trachymene pilosa*

*Tricoryne elatior*

\**Ursinia anthemoides*

*Xanthosia atkinsoniana*

*Xylomelum occidentale*

## **Appendix E: Vascular Flora and Terrestrial Vertebrate Fauna Species List**

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Table E.1: Vascular Flora Species List.

Family	Species Name	Weed
Apiaceae	<i>Platysace tenuissima</i>	
	<i>Xanthosia atkinsoniana</i>	
	<i>Xanthosia candida</i>	
Araliaceae	<i>Trachymene pilosa</i>	
Asparagaceae	<i>Chamaescilla corymbosa</i>	
	<i>Lomandra brittanii</i>	
	<i>Lomandra hermaphrodita</i>	
	<i>Lomandra preissii</i>	
	<i>Lomandra sericea</i>	
	<i>Lomandra sonderi</i>	
	<i>Lomandra</i> sp.^	
	<i>Sowerbaea laxiflora</i>	
	<i>Thysanotus multiflorus</i>	
	<i>Thysanotus sparteus</i>	
Asteraceae	<i>Hypochaeris glabra</i>	*
	<i>Lagenophora huegelii</i>	
	<i>Podolepis gracilis</i>	
	<i>Trichocline spathulata</i>	
	<i>Ursinia anthemoides</i>	*
Campanulaceae	<i>Lobelia tenuior</i>	
Caryophyllaceae	<i>Petrorhagia velutina</i>	*
Colchicaceae	<i>Burchardia congesta</i>	
Cyperaceae	<i>Lepidosperma squamatum</i>	
	<i>Lepidosperma tenue</i>	
	<i>Mesomelaena tetragona</i>	
	<i>Tetraria capillaris</i>	
	<i>Tetraria octandra</i>	
Dasyogonaceae	<i>Kingia australis</i>	
Dilleniaceae	<i>Hibbertia amplexicaulis</i>	
	<i>Hibbertia hypericoides</i>	
Droseraceae	<i>Drosera</i> sp.^	
Elaeocarpaceae	<i>Tetratheca hirsuta</i>	
Ericaceae	<i>Astroloma ciliatum</i>	
	<i>Astroloma pallidum</i>	
Fabaceae	? <i>Labichea punctuata</i>	
	<i>Acacia extensa</i>	
	<i>Acacia lateriticola</i>	
	<i>Acacia pulchella</i>	
	<i>Acacia stenoptera</i>	

Family	Species Name	Weed
Fabaceae	<i>Acacia urophylla</i>	
	<i>Bossiaea eriocarpa</i>	
	<i>Bossiaea ornata</i>	
	Fabaceae sp. ^	
	<i>Gompholobium burtonioides</i>	
	<i>Gompholobium confertum</i>	
	<i>Gompholobium knightianum</i>	
	<i>Gompholobium marginatum</i>	
	<i>Kennedia prostrata</i>	
	<i>Sphaerolobium linophyllum</i>	
	<i>Sphaerolobium medium</i>	
Gentianaceae	<i>Centaurium erythraea</i>	*
Goodeniaceae	<i>Dampiera alata</i>	
	<i>Dampiera linearis</i>	
	<i>Goodenia eatoniana</i>	
	<i>Lechenaultia biloba</i>	
	<i>Scaevola calliptera</i>	
Haemodoraceae	<i>Anigozanthos ?manglesii</i>	
	<i>Conostylis aculeata</i>	
	<i>Conostylis aculeata</i> subsp. <i>aculeata</i>	
	<i>Conostylis setigera</i>	
	<i>Conostylis setosa</i>	
	<i>Conostylis</i> sp.^	
	<i>Haemodorum laxum</i>	
Hemerocallidaceae	<i>Agrostocrinum hirsutum</i>	
	<i>Johnsonia lupulina</i>	
	<i>Tricoryne elatior</i>	
Iridaceae	<i>Orthrosanthus laxus</i> var. <i>laxus</i>	
	<i>Patersonia juncea</i>	
	<i>Patersonia occidentalis</i>	
	<i>Patersonia umbrosa</i> var. <i>xanthina</i>	
Lamiaceae	<i>Hemiandra pungens</i>	
Lindsaeaceae	<i>Lindsaea linearis</i>	
Loganiaceae	<i>Logania serpyllifolia</i> subsp. <i>angustifolia</i>	
Malvaceae	<i>Thomasia grandiflora</i>	
Myrtaceae	<i>Agonis flexuosa</i>	
	<i>Corymbia calophylla</i>	
	<i>Eucalyptus marginata</i>	
	<i>Hypocalymma angustifolium</i>	
	<i>Hypocalymma robustum</i>	



Family	Species Name	Weed
Myrtaceae	<i>Paragonis grandiflora</i>	
Orchidaceae	<i>Caladenia flava</i> subsp. <i>flava</i>	
	<i>Microtis media</i> subsp. <i>media</i>	
	Orchidaceae sp. ^	
	Orchidaceae sp. 3^	
	<i>Pterostylis</i> sp.^	
	<i>Thelymitra crinita</i>	
	<i>Thelymitra</i> sp. 1^	
	<i>Thelymitra</i> sp. 2^	
Orobanchaceae	<i>Orobanche minor</i>	*
Pittosporaceae	? <i>Billardiera variifolia</i>	
Poaceae	<i>Aira caryophylla</i>	*
	<i>Austrostipa campylachne</i>	
	<i>Austrostipa flavescens</i>	
	<i>Avena fatua</i>	*
	<i>Briza maxima</i>	*
	<i>Briza minor</i>	*
	<i>Neurachne alopecuroidea</i>	
	<i>Rytidosperma setaceum</i>	
	<i>Tetrarrhena laevis</i>	
Polygonaceae	<i>Acetosa vesicaria</i>	*
Proteaceae	<i>Adenanthos barbiger</i>	
	<i>Banksia ?dallanneyi</i>	
	<i>Banksia bipinnatifida</i>	
	<i>Banksia dallanneyi</i>	
	<i>Banksia armata</i> var. <i>ignicida</i>	
	<i>Hakea amplexicaulis</i>	
	<i>Hakea lissocarpha</i>	
	<i>Persoonia longifolia</i>	
	<i>Synaphea petiolaris</i> subsp. <i>triloba</i>	
	<i>Xylomelum occidentale</i>	
Restionaceae	<i>Desmocladus fasciculatus</i>	
Rubiaceae	<i>Opercularia echinocephala</i>	
Rutaceae	<i>Boronia fastigiata</i>	
Stylidiaceae	<i>Levenhookia pusilla</i>	
	<i>Stylidium amoenum</i>	
	<i>Stylidium calcaratum</i>	
	<i>Stylidium piliferum</i>	
	<i>Stylidium</i> sp.^	

Family	Species Name	Weed
Thymelaeaceae	<i>Pimelea ?suaveolens</i>	
Xanthorrhoeaceae	<i>Xanthorrhoea gracilis</i>	
	<i>Xanthorrhoea preissii</i>	

^ denotes specimen was sterile.

Table E.2: Vertebrate fauna species recorded opportunistically during the survey.

Species name	Common name	Observation type
<b>Reptiles</b>		
<i>Lialis burtonis</i>	Burton's legless lizard	Individuals
<b>Birds</b>		
<i>Phaps chalcoptera</i>	Common bronzewing	Individuals
<i>Threskiornis molucca</i>	Australian white ibis	Individuals
<i>Elanus axillaris</i>	Black-shouldered kite	Individual
<i>Calyptorhynchus banksii naso</i>	Forrest red-tailed black-cockatoo	Voice-call
<i>Calyptorhynchus latirostris</i>	Carnaby's black-cockatoo	Individuals
<i>Calyptorhynchus baudinii</i>	Baudin's black-cockatoo	Trace (chewed evidence)
<i>Barnardius zonarius semitorquatus</i>	Australian ringneck	Individuals
<i>Purpureicephalus spurius</i>	Red-capped parrot	Individuals
<i>Todiramphus sanctus sanctus</i>	Sacred kingfisher	Individual
<i>Merops ornatus</i>	Rainbow bee-eater	Voice-call
<i>Malurus splendens</i>	Splendid fairy-wren	Individuals
<i>Sericornis frontalis</i>	White-browed scrubwren	Individuals
<i>Smicronis brevirostris</i>	Weebill	Voice-call
<i>Gerygone fusca</i>	Western gerygone	Voice-call
<i>Acanthiza chrysorrhoa</i>	Yellow-rumped thornbill	Individuals
<i>Lichenostomus virescens</i>	Singing honeyeater	Voice-call
<i>Lichmera indistincta</i>	Brown honeyeater	Voice-call
<i>Cracticus tibicen</i>	Australian magpie	Individuals
<i>Rhipidura albiscapa</i>	Grey fantail (race keasti)	Voice-call
<i>Corvus coronoides perplexus</i>	Australian raven	Individuals
<i>Zosterops lateralis gouldi</i>	Silvereye	Individuals
<i>Hirundo neoxena</i>	Welcome swallow	Individuals
<b>Mammals</b>		
<i>Macropus fuliginosus</i>	Western grey kangaroo	Individuals, Scat
<i>Vulpes vulpes</i>	Red fox	Individuals

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## **Appendix F: Vertebrate Fauna Literature Review**

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Table F.1: Amphibian fauna species recorded in the region and during the current survey.

Scientific Name	Common Name	Introduced	Conservation Codes			A	B	C	D	E
			EPBC Act	WC Act	Parks and Wildlife					
Hylidae										
<i>Litoria adelaidensis</i>	Slender tree frog					x				
<i>Litoria moorei</i>	Motorbike frog					x				
Limnodynastidae										
<i>Heleioporus eyrei</i>	Moaning frog					x				
<i>Heleioporus inornatus</i>	Whooping frog					x				
<i>Limnodynastes dorsalis</i>	Western banjo frog					x				
Myobatrachidae										
<i>Crinia georgiana</i>	Quacking frog					x				
<i>Crinia glauerti</i>	Clicking frog					x				
<i>Crinia insignifera</i>	Squelching froglet					x				
<i>Crinia pseudinsignifera</i>	Bleating froglet					x				
<i>Geocrinia leai</i>	Ticking frog					x				
<i>Pseudophryne guentheri</i>	Crawling toadlet					x				
A - NatureMap; B - Protected Matters Search; C - Birdlife Australia Birdata; D - DPaW Database Search; E - Recorded in Current Fauna Assessment										

Table F.2: Reptile fauna species recorded in the region and during the current survey.

Scientific Name	Common Name	Introduced	Conservation Codes			A	B	C	D	E
			EPBC Act	WC Act	Parks and Wildlife					
Cheluidae										
<i>Chelodina oblonga</i>	Oblong turtle					x				
Agamidae										
<i>Pogona minor minor</i>						x				
Diplodactylidae										
<i>Diplodactylus polyophthalmus</i>	Speckled stone gecko					x				
Carphodactylidae										
<i>Underwoodisaurus millii</i>	Southern barking gecko					x				
Gekkonidae										
<i>Christinus marmoratus</i>	Marbled gecko					x				
Pygopodidae										
<i>Aprasia pulchella</i>	Granite worm lizard					x				
<i>Aprasia repens</i>	Sand-plain worm lizard					x				
<i>Lialis burtonis</i>						x				x
Scincidae										
<i>Acritoscincus trilineatus</i>	Western three-lined skink					x				
<i>Cryptoblepharus buchanani</i>						x				
<i>Ctenotus australis</i>						x				
<i>Ctenotus fallens</i>						x				
<i>Ctenotus impar</i>						x				
<i>Ctenotus labillardieri</i>						x				
<i>Ctenotus ora</i>	Coastal Plains skink				P1	x				
<i>Egernia kingii</i>	King's skink					x				
<i>Egernia napoleonis</i>						x				
<i>Hemiergis gracilipes</i>						x				
<i>Hemiergis initialis initialis</i>						x				
<i>Hemiergis peronii tridactyla</i>						x				

Scientific Name	Common Name	Introduced	Conservation Codes			A	B	C	D	E
			EPBC Act	WC Act	Parks and Wildlife					
<i>Hemiergis quadrilineata</i>						x				
<i>Lerista distinguenda</i>						x				
<i>Lerista elegans</i>						x				
<i>Lerista microtis microtis</i>						x				
<i>Lissolepis luctuosa</i>	Western swamp skink					x				
<i>Menetia greyii</i>						x				
<i>Morethia lineoocellata</i>						x				
<i>Morethia obscura</i>						x				
<i>Tiliqua rugosa rugosa</i>	Bobtail					x				
Typhlopidae										
<i>Ramphotyphlops australis</i>						x				
<i>Ramphotyphlops pinguis</i>						x				
Elapidae										
<i>Echiopsis curta</i>	Bardick					x				
<i>Elapognathus coronatus</i>	Crowned snake					x				
<i>Neelaps bimaculatus</i>	Black-naped snake					x				
<i>Notechis scutatus</i>	Tiger snake					x				
<i>Parasuta gouldii</i>						x				
<i>Parasuta nigriceps</i>						x				
<i>Pseudonaja affinis affinis</i>	Dugite					x				
<i>Simoselaps bertholdi</i>	Jan's banded snake					x				
A - NatureMap; B - Protected Matters Search; C - Birdlife Australia Birdata; D - DPaW Database Search; E - Recorded in Current Fauna Assessment										

Table F.3: Bird fauna species recorded in the region and during the current survey.

Scientific Name	Common Name	Introduced	Conservation Codes			A	B	C	D	E
			EPBC Act	WC Act	Parks and Wildlife					
Casuariidae										
<i>Dromaius novaehollandiae</i>	Emu					x		x		
Phasianidae										
<i>Coturnix pectoralis</i>	Stubble quail					x		x		
<i>Coturnix ypsilophora</i>	Brown quail							x		
Anatidae										
<i>Biziura lobata</i>	Musk duck							x		
<i>Stictonetta naevosa</i>	Freckled duck							x		
<i>Cygnus atratus</i>	Black swan					x		x		
<i>Tadorna tadornoides</i>	Australian shelduck					x		x		
<i>Chenonetta jubata</i>	Australian wood duck					x		x		
<i>Malacorhynchus membranaceus</i>	Pink-eared duck					x		x		
<i>Anas rhynchotis</i>	Australasian shoveler					x				
<i>Anas gracilis</i>	Grey teal					x		x		
<i>Anas castanea</i>	Chestnut teal					x		x		
<i>Anas platyrhynchos</i>	Northern mallard	*				x	x	x		
<i>Anas superciliosa</i>	Pacific black duck					x		x		
<i>Aythya australis</i>	Hardhead							x		
<i>Oxyura australis</i>	Blue-billed duck					x		x		
Phaethontidae										
<i>Phaethon rubricauda</i>	Red-tailed tropicbird							x		
Podicipedidae										
<i>Tachybaptus novaehollandiae novaehollandiae</i>	Australasian grebe					x		x		
<i>Poliocephalus poliocephalus</i>	Hoary-headed grebe					x		x		
<i>Podiceps cristatus</i>	Great crested grebe					x		x		
Columbidae										
<i>Columba livia</i>	Rock dove	*				x	x	x		
<i>Streptopelia senegalensis</i>	Laughing dove	*				x	x	x		

Scientific Name	Common Name	Introduced	Conservation Codes			A	B	C	D	E
			EPBC Act	WC Act	Parks and Wildlife					
<i>Streptopelia chinensis</i>	Spotted dove	*				x	x	x		
<i>Phaps chalcoptera</i>	Common bronzewing					x		x		x
<i>Phaps elegans</i>	Brush bronzewing							x		
<i>Ocyphaps lophotes</i>	Crested pigeon					x		x		
Podargidae										
<i>Podargus strigoides brachypterus</i>	Tawny frogmouth					x		x		
Aegothelidae										
<i>Aegotheles cristatus cristatus</i>	Australian owllet-nightjar					x		x		
Apodidae										
<i>Apus pacificus</i>	Fork-tailed swift		Mi	S3			x			
Anhingidae										
<i>Anhinga novaehollandiae</i>	Australasian darter							x		
Phalacrocoracidae										
<i>Microcarbo melanoleucos</i>	Little pied cormorant							x		
<i>Phalacrocorax carbo novaehollandiae</i>	Great cormorant					x		x		
<i>Phalacrocorax sulcirostris</i>	Little black cormorant					x		x		
<i>Phalacrocorax varius hypoleucos</i>	Pied cormorant					x		x		
<i>Phalacrocorax fuscescens</i>	Black-faced cormorant					x				
Pelecanidae										
<i>Pelecanus conspicillatus</i>	Australian pelican					x		x		
Ardeidae										
<i>Botaurus poiciloptilus</i>	Australasian bittern		EN	S1			x	x		
<i>Ixobrychus dubius</i>	Australian little bittern							x		
<i>Ixobrychus minutus dubius</i>	Little bittern				P4	x				
<i>Ixobrychus flavicollis australis</i>	Black bittern				P3	x		x		
<i>Ardea pacifica</i>	White-necked heron					x		x		
<i>Ardea modesta</i>	Eastern great egret		Mi	S3		x	x	x	x	
<i>Ardea ibis</i>	Cattle egret		Mi	S3		x	x			
<i>Egretta novaehollandiae</i>	White-faced Heron					x				

Scientific Name	Common Name	Introduced	Conservation Codes			A	B	C	D	E
			EPBC Act	WC Act	Parks and Wildlife					
<i>Nycticorax caledonicus</i>	Nankeen night-heron					x		x		
<b>Threskiornithidae</b>										
<i>Plegadis falcinellus</i>	Glossy ibis			S3		x		x	x	
<i>Threskiornis molucca</i>	Australian white ibis					x		x		x
<i>Threskiornis spinicollis</i>	Straw-necked Ibis					x		x		
<i>Platalea regia</i>	Royal spoonbill							x		
<i>Platalea flavipes</i>	Yellow-billed Spoonbill					x		x		
<b>Accipitridae</b>										
<i>Pandion cristatus</i>	Eastern osprey						x	x		
<i>Elanus axillaris</i>	Black-shouldered kite							x		x
<i>Lophoictinia isura</i>	Square-tailed kite							x		
<i>Haliaeetus leucogaster</i>	White-bellied sea-eagle		Mi	S3		x	x	x		
<i>Haliastur sphenurus</i>	Whistling kite					x		x		
<i>Accipiter fasciatus</i>	Brown goshawk					x		x		
<i>Accipiter cirrocephalus</i>	Collared sparrowhawk					x		x		
<i>Circus assimilis</i>	Spotted harrier							x		
<i>Circus approximans</i>	Swamp harrier					x		x		
<i>Aquila audax</i>	Wedge-tailed Eagle					x		x		
<i>Hieraetus morphnoides</i>	Little eagle							x		
<b>Falconidae</b>										
<i>Falco cenchroides cenchroides</i>	Nankeen kestrel					x		x		
<i>Falco berigora</i>	Brown falcon					x		x		
<i>Falco longipennis</i>	Australian hobby					x		x		
<i>Falco peregrinus</i>	Peregrine falcon			S4		x		x	x	
<b>Rallidae</b>										
<i>Porphyrio porphyrio bellus</i>	Purple swamphen					x		x		
<i>Gallirallus philippensis mellori</i>	Buff-banded Rail					x		x		
<i>Porzana pusilla</i>	Baillon's crane							x		
<i>Porzana fluminea</i>	Australian spotted crane							x		



Scientific Name	Common Name	Introduced	Conservation Codes			A	B	C	D	E
			EPBC Act	WC Act	Parks and Wildlife					
<i>Porzana tabuensis</i>	Spotless crane					x		x		
<i>Tribonyx ventralis</i>	Black-tailed native-hen							x		
<i>Gallinula tenebrosa tenebrosa</i>	Dusky moorhen					x		x		
<i>Fulica atra</i>	Eurasian coot					x		x		
Otididae										
<i>Ardeotis australis</i>	Australian bustard				P4	x				
Burhinidae										
<i>Burhinus grallarius</i>	Bush stone-curlew				P4	x				
Recurvirostridae										
<i>Himantopus himantopus</i>	Black-winged stilt					x		x		
<i>Recurvirostra novaehollandiae</i>	Red-necked avocet					x		x		
<i>Cladorhynchus leucocephalus</i>	Banded stilt					x		x		
Charadriidae										
<i>Pluvialis fulva</i>	Pacific golden plover			S3		x		x		
<i>Pluvialis squatarola</i>	Grey plover			S3		x		x		
<i>Charadrius ruficapillus</i>	Red-capped Plover					x		x		
<i>Charadrius leschenaultii</i>	Greater sand plover			S3		x		x		
<i>Thinornis (Charadrius) rubricollis</i>	Hooded plover				P4	x	x	x		
<i>Vanellus tricolor</i>	Banded lapwing					x		x		
Scolopacidae										
<i>Limosa limosa</i>	Black-tailed godwit			S3		x		x		
<i>Limosa lapponica</i>	Bar-tailed godwit			S3		x		x		
<i>Numenius phaeopus</i>	Whimbrel			S3		x		x		
<i>Numenius madagascariensis</i>	Eastern curlew			S1 (S3)		x		x		
<i>Xenus cinereus</i>	Terek sandpiper			S3				x		
<i>Actitis hypoleucos</i>	Common sandpiper			S3		x		x	x	
<i>Tringa (Heteroscelus) brevipes</i>	Grey-tailed tattler			S3		x		x		
<i>Tringa nebularia</i>	Common greenshank			S3		x		x		
<i>Tringa stagnatilis</i>	Marsh sandpiper			S3		x		x		

Scientific Name	Common Name	Introduced	Conservation Codes			A	B	C	D	E
			EPBC Act	WC Act	Parks and Wildlife					
<i>Tringa glareola</i>	Wood sandpiper			S3			x			
<i>Arenaria interpres</i>	Ruddy turnstone			S3	x		x			
<i>Calidris tenuirostris</i>	Great knot			S1 (S3)	x		x			
<i>Calidris canutus</i>	Red knot			S3	x		x			
<i>Calidris alba</i>	Sanderling			S3			x			
<i>Calidris ruficollis</i>	Red-necked Stint			S3	x		x			
<i>Calidris subminuta</i>	Long-toed Stint			S3			x			
<i>Calidris melanotos</i>	Pectoral sandpiper			S3			x			
<i>Calidris acuminata</i>	Sharp-tailed sandpiper			S3	x		x			
<i>Calidris ferruginea</i>	Curlew sandpiper			S1 (S3)	x		x			
Turnicidae										
<i>Turnix varius</i>	Painted button-quail						x			
<i>Turnix velox</i>	Little button-quail						x			
Laridae										
<i>Onychoprion anaethetus</i>	Bridled tern			S3			x			
<i>Sternula nereis</i>	Fairy tern				x		x			
<i>Hydroprogne (Sterna) caspia</i>	Caspian tern			S3			x			
<i>Chlidonias hybrida</i>	Whiskered tern						x			
<i>Sterna hirundo</i>	Common tern			S3	x					
<i>Thalasseus bergii</i>	Crested tern				x		x			
<i>Larus pacificus</i>	Pacific gull				x		x			
<i>Chroicocephalus novaehollandiae</i>	Silver gull						x			
Cacatuidae										
<i>Calyptorhynchus banksii naso</i>	Forrest red-tailed black-cockatoo		VU	S1	x	x	x		x	
<i>Calyptorhynchus latirostris</i>	Carnaby's black-cockatoo		EN	S1	x	x	x	x	x	
<i>Calyptorhynchus baudinii</i>	Baudin's black-cockatoo		VU	S1	x	x	x	x	x	
<i>Eolophus roseicapillus</i>	Galah						x			
<i>Cacatua pastinator</i>	Western corella				x		x			
<i>Cacatua sanguinea</i>	Little corella				x		x			

Scientific Name	Common Name	Introduced	Conservation Codes			A	B	C	D	E
			EPBC Act	WC Act	Parks and Wildlife					
<i>Cacatua galerita</i>	Sulphur-crested cockatoo	*						x		
Psittacidae										
<i>Glossopsitta porphyrocephala</i>	Purple-crowned Lorikeet					x		x		
<i>Polytelis anthopeplus</i>	Regent parrot					x		x		
<i>Platycercus icterotis icterotis</i>	Western rosella					x		x		
<i>Barnardius zonarius semitorquatus</i>	Australian ringneck					x		x		x
<i>Purpureicephalus spurius</i>	Red-capped parrot					x		x		x
<i>Neophema elegans</i>	Elegant parrot					x		x		
<i>Neophema petrophila</i>	Rock parrot					x		x		
Cuculidae										
<i>Chalcites basalus</i>	Horsfield's bronze-cuckoo							x		
<i>Chalcites lucidus plagosus</i>	Shining bronze-cuckoo					x		x		
<i>Cacomantis pallidus</i>	Pallid cuckoo					x		x		
<i>Cacomantis flabelliformis</i>	Fan-tailed cuckoo					x		x		
Strigidae										
<i>Ninox connivens connivens</i>	Barking owl (Southwest population)				P2			x		
<i>Ninox novaeseelandiae</i>	Southern boobook					x		x		
Tytonidae										
<i>Tyto novaehollandiae novaehollandiae</i>	Masked owl (SW ssp)				P3	x		x		
<i>Tyto javanica</i>	Eastern barn owl							x		
Halcyonidae										
<i>Dacelo novaeguineae</i>	Laughing kookaburra	*				x		x		
<i>Todiramphus sanctus sanctus</i>	Sacred kingfisher					x		x		x
Meropidae										
<i>Merops ornatus</i>	Rainbow bee-eater			Mi	S3		x	x	x	x
Climacteridae										
<i>Climacteris rufa</i>	Rufous treecreeper					x		x		
Maluridae										
<i>Malurus splendens</i>	Splendid fairy-wren					x		x		x

Scientific Name	Common Name	Introduced	Conservation Codes			A	B	C	D	E
			EPBC Act	WC Act	Parks and Wildlife					
<i>Malurus elegans</i>	Red-winged fairy-wren					x		x		
<i>Stipiturus malachurus westernensis</i>	Southern emu-wren					x		x		
Acanthizidae										
<i>Sericornis frontalis</i>	White-browed scrubwren					x		x		x
<i>Smicronis brevirostris</i>	Weebill					x		x		x
<i>Gerygone fusca</i>	Western gerygone					x		x		x
<i>Acanthiza chrysorrhoa</i>	Yellow-rumped thornbill					x		x		x
<i>Acanthiza inornata</i>	Western thornbill					x		x		
<i>Acanthiza apicalis</i>	Inland thornbill					x		x		
Pardalotidae										
<i>Pardalotus punctatus</i>	Spotted pardalote					x		x		
<i>Pardalotus striatus</i>	Striated pardalote					x		x		
Meliphagidae										
<i>Acanthorhynchus superciliosus</i>	Western spinebill					x		x		
<i>Lichenostomus virescens</i>	Singing honeyeater							x		x
<i>Lichenostomus ornatus</i>	Yellow-plumed honeyeater					x				
<i>Anthochaera lunulata</i>	Western little wattlebird					x		x		
<i>Anthochaera carunculata</i>	Red wattlebird					x		x		
<i>Epthianura albifrons</i>	White-fronted chat					x		x		
<i>Lichmera indistincta</i>	Brown honeyeater					x		x		x
<i>Phylidonyris novaehollandiae</i>	New holland honeyeater					x		x		
<i>Phylidonyris niger</i>	White-cheeked honeyeater							x		
<i>Melithreptus brevirostris</i>	Brown-headed honeyeater							x		
<i>Melithreptus lunatus</i>	White-naped honeyeater							x		
Eupetidae										
<i>Psophodes nigrogularis nigrogularis</i>	Western whipbird (western heath)			EN	S1			x		
Neosittidae										
<i>Daphoenositta chrysoptera</i>	Varied sittella							x		x
Campephagidae										

Scientific Name	Common Name	Introduced	Conservation Codes			A	B	C	D	E
			EPBC Act	WC Act	Parks and Wildlife					
<i>Coracina novaehollandiae</i>	Black-faced cuckoo-shrike					x		x		
Pachycephalidae										
<i>Falcunculus frontatus leucogaster</i>	Crested shrike-tit (south-western ssp)				P4	x		x	x	
<i>Pachycephala pectoralis</i>	Golden whistler					x		x		
<i>Pachycephala rufiventris</i>	Rufous whistler					x		x		
<i>Colluricincla harmonica</i>	Grey shrike-thrush					x		x		
Artamidae										
<i>Artamus cinereus</i>	Black-faced woodswallow					x		x		
<i>Artamus cyanopterus</i>	Dusky woodswallow					x		x		
<i>Cracticus torquatus</i>	Grey butcherbird					x		x		
<i>Cracticus nigrogularis</i>	Pied butcherbird					x		x		
<i>Cracticus tibicen</i>	Australian magpie					x		x		x
<i>Strepera versicolor</i>	Grey currawong					x		x		
Rhipiduridae										
<i>Rhipidura albiscapa</i>	Grey fantail (race <i>keasti</i> )					x		x		x
<i>Rhipidura leucophrys</i>	Willie wagtail					x		x		
Corvidae										
<i>Corvus coronoides perplexus</i>	Australian raven					x		x		x
<i>Corvus splendens</i>	House crow	*				x				
Monarchidae										
<i>Myiagra inquieta</i>	Restless flycatcher					x		x		
<i>Grallina cyanoleuca</i>	Magpie-lark					x		x		
Petroicidae										
<i>Petroica multicolor cambelli</i>	Scarlet robin					x		x		
<i>Petroica goodenovii</i>	Red-capped robin							x		
<i>Melanodryas cucullata</i>	Hooded robin							x		
<i>Eopsaltria australis griseogularis</i>	Western yellow robin					x		x		
<i>Eopsaltria georgiana</i>	White-breasted robin					x		x		
Acrocephalidae										

Scientific Name	Common Name	Introduced	Conservation Codes			A	B	C	D	E
			EPBC Act	WC Act	Parks and Wildlife					
<i>Acrocephalus australis</i>	Australian reed-warbler					x		x		
Megaluridae										
<i>Megalurus gramineus</i>	Little grassbird					x		x		
<i>Cincloramphus mathewsi</i>	Rufous songlark							x		
<i>Cincloramphus cruralis</i>	Brown songlark					x		x		
Timaliidae										
<i>Zosterops lateralis gouldi</i>	Silvereeye					x		x		x
Hirundinidae										
<i>Hirundo neoxena</i>	Welcome swallow					x		x		x
<i>Petrochelidon ariel</i>	Fairy martin							x		
<i>Petrochelidon nigricans</i>	Tree martin							x		
Sturnidae										
<i>Sturnus vulgaris</i>	Common starling	*					x			
Nectariniidae										
<i>Dicaeum hirundinaceum</i>	Mistletoebird					x		x		
Estrildidae										
<i>Stagonopleura oculata</i>	Red-eared firetail					x		x		
Passeridae										
<i>Passer domesticus</i>	House sparrow	*				x	x			
<i>Passer montanus</i>	Eurasian tree sparrow	*				x	x			
Motacillidae										
<i>Anthus novaeseelandiae</i>	Australasian pipit							x		
A - NatureMap; B - Protected Matters Search; C - Birdlife Australia Birdata; D - DPaW Database Search; E - Recorded in Current Fauna Assessment										



Table F.4: Mammal fauna species recorded in the region and during the current survey.

Scientific Name	Common name	Introduced	Conservation Codes			A	B	C	D	E
			EPBC Act	WC Act	Parks and Wildlife					
Tachyglossidae										
<i>Tachyglossus aculeatus</i>	Short-beaked echidna					x				
Dasyuridae										
<i>Antechinus flavipes leucogaster</i>	Yellow-footed antechinus, mardo					x				
<i>Dasyurus geoffroyi</i>	Western quoll, chuditch		VU	S1		x	x		x	
<i>Phascogale tapoatafa tapoatafa</i>	Southern brush-tailed phascogale, wambenger			S1		x			x	
Myrmecobiidae										
<i>Myrmecobius fasciatus</i>	Numbat, walpurti		VU	S1		x				
Peramelidae										
<i>Isoodon obesulus fusciventer</i>	Southern brown bandicoot, quenda				P5	x			x	
Potoroidae										
<i>Bettongia penicillata ogilbyi</i>	Brush-tailed bettong, woylie		EN	S1		x	x			
Macropodidae										
<i>Macropus fuliginosus</i>	Western grey kangaroo					x				x
<i>Macropus irma</i>	Western brush wallaby				P4	x				
<i>Setonix brachyurus</i>	Quokka		VU	S1		x	x			
Phalangeridae										
<i>Trichosurus vulpecula vulpecula</i>	Common brushtail possum					x				
Pseudocheiridae										
<i>Pseudocheirus occidentalis</i>	Western ringtail possum		VU	S1		x	x		x	
Burramyidae										
<i>Cercartetus concinnus</i>	Western pygmy-possum, mundarda					x				
Vespertilionidae										
<i>Chalinolobus morio</i>	Chocolate wattled bat					x				
<i>Falsistrellus mackenziei</i>	Western false pipistrelle				P4	x				
<i>Nyctophilus geoffroyi</i>	Lesser long-eared bat					x				
Muridae										

Scientific Name	Common name	Introduced	Conservation Codes			A	B	C	D	E
			EPBC Act	WC Act	Parks and Wildlife					
<i>Hydromys chrysogaster</i>	Water-rat				P4	x				
<i>Mus musculus</i>	House mouse	*				x	x			
<i>Rattus fuscipes</i>	Western bush rat					x				
<i>Rattus rattus</i>	Black rat	*				x	x			
Leporidae										
<i>Oryctolagus cuniculus</i>	Rabbit	*				x	x			
Canidae										
<i>Canis lupus familiaris</i>	Dog	*					x			
<i>Vulpes vulpes</i>	Red fox	*					x			x
Felidae										
<i>Felis catus</i>	Cat	*				x	x			
Suidae										
<i>Sus scrofa</i>	Pig	*				x	x			
Bovidae										
<i>Bos taurus</i>	European cattle	*				x	x			
A - NatureMap; B - Protected Matters Search; C - Birdlife Australia Birdata; D - DPaW Database Search; E - Recorded in Current Fauna Assessment										

## **Appendix G: Potential Habitat Trees**

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Tree No.	Easting (mE)	Northing (mN)	Tree species	Tree height (m)	No. of hollows visible	Hollow height (m)	Diameter of branch (cm)	Status of branch (living/dead)	Hollow entrance diameter (cm)	Evidence of past or current breeding (Yes/No)
1	388208	6300213	<i>Eucalyptus marginata</i>	20	-	-	-	-	-	No
2	388192	6300268	<i>Eucalyptus marginata</i>	20	-	-	-	-	-	No
3	388229	6300333	<i>Eucalyptus marginata</i>	22	-	-	-	-	-	No
4	388292	6300426	<i>Corymbia calophylla</i>	30	-	-	-	-	-	No
5	388290	6300383	<i>Corymbia calophylla</i>	25	1	15	30	Dead	?	No
6	388286	6300391	<i>Corymbia calophylla</i>	15	-	-	-	-	-	No
7	388251	6300412	<i>Corymbia calophylla</i>	30	-	-	-	-	-	No
8	388209	6300394	<i>Eucalyptus marginata</i>	25	-	-	-	-	-	No
9	388204	6300401	<i>Eucalyptus marginata</i>	25	-	-	-	-	-	No
10	388219	6300394	<i>Eucalyptus marginata</i>	25	-	-	-	-	-	No
11	388206	6300389	<i>Eucalyptus marginata</i>	30	-	-	-	-	-	No
12	388177	6300411	<i>Corymbia calophylla</i>	30	-	-	-	-	-	No
13	388165	6300402	<i>Corymbia calophylla</i>	30	2	15; 30	25; 40	Living	20; ?	No
14	388164	6300415	<i>Corymbia calophylla</i>	20	-	-	-	-	-	No
15	388124	6300411	<i>Eucalyptus marginata</i>	30	-	-	-	-	-	No
16	388160	6300434	<i>Corymbia calophylla</i>	25	-	-	-	-	-	No
17	388191	6300429	<i>Corymbia calophylla</i>	15	-	-	-	-	-	No
18	388214	6300430	<i>Corymbia calophylla</i>	20	1	15	-	Living	35	No
19	388237	6300434	<i>Corymbia calophylla</i>	25	-	-	-	-	-	No
20	388248	6300430	<i>Eucalyptus marginata</i>	25	-	-	-	-	-	No
21	388289	6300422	<i>Corymbia calophylla</i>	27	-	-	-	-	-	No
22	388253	6300431	<i>Eucalyptus marginata</i>	25	-	-	-	-	-	No
23	388347	6300418	<i>Corymbia calophylla</i>	30	-	-	-	-	-	No
24	388326	6300436	<i>Corymbia calophylla</i>	35	3	10; 20; 20	35; 35; 40	Living	20; ?; ?	No
25	388293	6300439	<i>Corymbia calophylla</i>	25	-	-	-	-	-	No
26	388188	6300487	<i>Eucalyptus marginata</i>	18	-	-	-	-	-	No
27	388196	6300491	<i>Eucalyptus marginata</i>	18	-	-	-	-	-	No
28	388347	6300458	<i>Eucalyptus marginata</i>	25	-	-	-	-	-	No

Tree No.	Easting (mE)	Northing (mN)	Tree species	Tree height (m)	No. of hollows visible	Hollow height (m)	Diameter of branch (cm)	Status of branch (living/dead)	Hollow entrance diameter (cm)	Evidence of past or current breeding (Yes/No)
29	388318	6300485	<i>Corymbia calophylla</i>	25	1	25	35	Living	30	Yes; potential
30	388304	6300491	<i>Eucalyptus marginata</i>	20	-	-	-	-	-	No
31	388250	6300534	<i>Corymbia calophylla</i>	25	-	-	-	-	-	No
32	388253	6300532	<i>Eucalyptus marginata</i>	25	-	-	-	-	-	No
33	388301	6300535	<i>Eucalyptus marginata</i>	27	-	-	-	-	-	No
34	388316	6300534	<i>Corymbia calophylla</i>	25	-	-	-	-	-	No
35	388337	6300564	<i>Corymbia calophylla</i>	30	-	-	-	-	-	No
36	388329	6300572	<i>Eucalyptus marginata</i>	20	-	-	-	-	-	No
37	388332	6300577	<i>Eucalyptus marginata</i>	30	1	20	40	Dead	~35?	No
38	388316	6300582	<i>Corymbia calophylla</i>	25	-	-	-	-	-	No
39	388285	6300586	<i>Corymbia calophylla</i>	25	-	-	-	-	-	No
40	388283	6300614	<i>Corymbia calophylla</i>	20	1	10	30	Dead	~30?	No
41	388313	6300612	<i>Eucalyptus marginata</i>	25	1	11	31	Living	~25?	No
42	388308	6300650	<i>Corymbia calophylla</i>	24	1	14	20	Dead	~15?	No
43	388249	6300651	<i>Corymbia calophylla</i>	20	1	18	35	Dead	?	No
44	388257	6300649	<i>Eucalyptus marginata</i>	15	-	-	-	-	-	No
45	388250	6300653	<i>Eucalyptus marginata</i>	20	2	17; 17	~30; 35	Dead	~20??	No
46	388231	6300639	<i>Corymbia calophylla</i>	25	1	19	40	Dead	20	No
47	388197	6300658	<i>Corymbia calophylla</i>	26	1	8	40	Dead	~20??	No
48	388184	6300688	<i>Eucalyptus marginata</i>	30	-	-	-	-	-	No
49	388142	6300652	<i>Corymbia calophylla</i>	30	-	-	-	-	-	No
50	388133	6300673	<i>Corymbia calophylla</i>	28	-	-	-	-	-	No
51	388150	6300701	<i>Corymbia calophylla</i>	28	-	-	-	-	-	No
52	388242	6300690	<i>Corymbia calophylla</i>	20	-	-	-	-	-	No
53	388247	6300694	<i>Corymbia calophylla</i>	20	-	-	-	-	-	No
54	388265	6300708	<i>Corymbia calophylla</i>	25	-	-	-	-	-	No
55	388322	6300735	<i>Eucalyptus marginata</i>	20	-	-	-	-	-	No
56	388304	6300754	<i>Corymbia calophylla</i>	20	-	-	-	-	-	No



Tree No.	Easting (mE)	Northing (mN)	Tree species	Tree height (m)	No. of hollows visible	Hollow height (m)	Diameter of branch (cm)	Status of branch (living/dead)	Hollow entrance diameter (cm)	Evidence of past or current breeding (Yes/No)
57	388294	6300736	<i>Corymbia calophylla</i>	25	-	-	-	-	-	No
58	388252	6300722	<i>Eucalyptus marginata</i>	25	-	-	-	-	-	No
59	388275	6300759	<i>Eucalyptus marginata</i>	20	-	-	-	-	-	No
60	388271	6300767	<i>Corymbia calophylla</i>	25	-	-	-	-	-	No
61	388276	6300767	<i>Corymbia calophylla</i>	25	-	-	-	-	-	No
62	388241	6300783	<i>Eucalyptus marginata</i>	25	1	17	-	Living	~30??	No
63	388232	6300788	<i>Eucalyptus marginata</i>	25	-	-	-	-	-	No
64	388204	6300790	<i>Eucalyptus marginata</i>	18	-	-	-	-	-	No
65	388149	6300760	<i>Eucalyptus marginata</i>	30	-	-	-	-	-	No
66	388169	6300748	<i>Corymbia calophylla</i>	30	-	-	-	-	-	No
67	388169	6300782	<i>Corymbia calophylla</i>	30	-	-	-	-	-	No
68	388194	6300812	<i>Corymbia calophylla</i>	25	-	-	-	-	-	No
69	388288	6300827	<i>Eucalyptus marginata</i>	20	1	18	40	Dead	??	No
70	388312	6300831	<i>Corymbia calophylla</i>	28	-	-	-	-	-	No
71	388305	6300824	<i>Corymbia calophylla</i>	20	-	-	-	-	-	No
72	388317	6300865	<i>Corymbia calophylla</i>	26	-	-	-	-	-	No
73	388245	6300837	<i>Eucalyptus marginata</i>	20	-	-	-	-	-	No
74	388190	6300831	<i>Corymbia calophylla</i>	30	1	20	35	Dead	??	No
75	388198	6300846	<i>Corymbia calophylla</i>	25	-	-	-	-	-	No
76	388198	6300815	<i>Corymbia calophylla</i>	25	-	-	-	-	-	No
77	388187	6300795	<i>Corymbia calophylla</i>	15	-	-	-	-	-	No
78	388171	6300784	<i>Corymbia calophylla</i>	30	1	20	45	Dead	40	Yes; potential
79	388139	6300823	<i>Corymbia calophylla</i>	20	-	-	-	-	-	No
80	388079	6300732	<i>Corymbia calophylla</i>	30	-	-	-	-	-	No

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