Lot 156 Neaves Road Bullsbrook
Biological and Targeted Black Cockatoo Survey
October 2024

Prepared for
Main Roads Western Australia



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Abbreviations

Abbreviation	Definition
Astron	Astron Environmental Services
BAM Act	*Biosecurity and Agriculture Management Act 2007*
BC Act	*Biodiversity Conservation Act 2016*
CR	Critically Endangered
DBCA	Department of Biodiversity, Conservation and Attractions
DBH	Diameter at Breast Height
EN	Endangered
EP Act	*Environment Protection Act 1986*
EPBC Act	*Environment Protection and Biodiversity Conservation Act 1999*
ESA	Environmentally Sensitive Area
GDA	Geocentric Datum of Australia
GPS	Global Positioning System
IBRA	Interim Biogeographic Regionalisation for Australia
Main Roads	Main Roads Western Australia
MGA	Map Grid of Australia
MNES	Matters of National Environmental Significance
NVIS	National Vegetation Information System
PEC	Priority Ecological Community
P	Priority
PMST	Protected Matters Search Tool
SCP	Swan Coastal Plain bioregion
sp.	Species
T	Threatened
TEC	Threatened Ecological Community
VU	Vulnerable
WA Herbarium	Western Australian Herbarium
WoNs	Weeds of National Significance

Executive Summary

Astron Environmental Services was engaged by Main Roads Western Australia to undertake a detailed flora and vegetation survey, and a basic fauna survey and targeted black cockatoo habitat assessment of Lot 156 Neaves Road, Bullsbrook. The survey area is located at the north-eastern corner of the Neaves Road/Tonkin Highway intersection and is 29.3 ha in size. Outcomes of the assessment will be used to support the development of offset strategies under both the *Environment Protection and Biodiversity Conservation Act 1999* and the *Environmental Protection Act 1986*.

Six vegetation types were recorded, comprising 27.9 ha (95.3%) of the survey area. A further 1.4 ha (4.7%) was mapped as Cleared, where no vegetation was present due to tracks and infrastructure. Parkland Cleared was the dominant vegetation type and occurred across 11.2 ha (38.4%) of the survey area. Over a third of the survey area, 11.1 ha (37.9%), was characterised by planted tree and shrub species which although mature, do not represent vegetation that would naturally occur in the area.

Geomorphic Wetland Mapping identified three Conservation management category palusplain wetlands in the survey area, comprising 3.5 ha. A preliminary wetland evaluation of the three wetlands indicated that they should automatically be assigned the Conservation management category as <10% of palusplain wetlands on the Swan Coastal Plain are assigned to Conservation management category. As such, 1.97 ha of vegetation types C1 and C2 that broadly align with the Geomorphic Wetland Mapping are considered to represent Conservation category wetlands, as condition ranged from Good to Very Good and only 3.8% of palusplain wetlands on the Swan Coastal Plain are rated as Conservation management category. The three wetlands also meet two other preliminary evaluation criteria: 'The wetland is spatially dominated by vegetation in a Good or better condition using the vegetation condition scale provided and is identified as significant for its natural values under Bush Forever', and 'Equal to or greater than 90% of the wetland supports vegetation in a Good or better condition using the vegetation condition scale provided', as well as two additional sub-criteria: '≤10% of all wetlands in the same consanguineous suite are assigned Conservation management category (by area)', and '≤ 10% of wetlands of the same type in its consanguineous suite are assigned Conservation management category (by area)'.

No threatened or priority ecological communities were recorded in the survey area. Vegetation condition ranged between Very Good to Completely Degraded, with the majority (11.3 ha, 38.5%) of the vegetation rated as Completely Degraded. Weed infestation and grazing were the primary causes of disturbance.

Eighty-one confirmed vascular flora taxa were recorded within the survey area. One threatened species, *Grevillea curviloba,* was recorded. It is listed as Endangered at the State level under *The Biodiversity Conservation Act 2016* and Critically Endangered at the Commonwealth level under the *Environment Protection and Biodiversity Conservation Act 1999*. Two records, with one individual each were recorded, both occurring within the MPTS vegetation type.

Weed diversity and abundance was high, with 39 introduced species recorded within the survey area. One species, **Rubus laudatus* (blackberry), is listed as a Weed of National Significance and three, **Echium plantagineum* (Patterson's curse), **Rubus laudatus* (blackberry) and **Zantedeschia aethiopica* (arum lily) are listed as declared pests in Western Australia under the *Biosecurity and Agriculture Management Act 2007*.

Five fauna habitat types occur in the survey area in decreasing order of extent; Cleared (CLD), Mixed Planted Trees (MXT), Wetland and Fringing Vegetation (WLD), Shrubland and Open Woodland (SHB) and Eucalypt Forest (EUF). The majority of the survey area has been extensively cleared for agriculture and is classified as either Disturbed or Highly Degraded.

Thirty-six fauna species were recorded during the survey, including one amphibian, one reptile species, 30 bird species and four mammal species (including two introduced species). Of the 27 significant fauna species identified in the desktop assessment, three species were recorded: Carnaby's Cockatoo (*Zanda latirostris*) (Endangered; Endangered), Forest Red-tailed Black Cockatoo (*Calyptorhynchus banksii naso*) (Vulnerable; Vulnerable) and Quenda (*Isoodon fusciventer*) (Priority 4). No species were considered to have a post-survey high likelihood of occurrence, and one species was considered to have a post-survey moderate likelihood of occurrence: Peregrine Falcon (*Falco peregrinus*) (Other Specially Protected Species). Twenty-three significant species were considered to have a low likelihood of occurrence due to a lack of suitable habitats, recent records and the highly degraded condition within and surrounding the survey area.

The black cockatoo habitat assessment considered the foraging, breeding, and roosting values within the survey area. Baudin's Cockatoo (*Zanda baudinii*) (Endangered; Endangered) is considered to have a low post-survey likelihood of occurrence and was omitted from the habitat assessment.

The foraging assessment for both Carnaby's Cockatoo and Forest Red-tailed Black Cockatoo resulted in an average Habitat Quality Score (HQS) of 2 (out of 10) for the survey area. The low value was reflective of the high levels of disturbance throughout the survey area. Assessing habitat types, the HQSs ranged from 0 (Cleared) to 10 (Eucalypt Forest) for both black cockatoo species. Foraging evidence for both Carnaby's Cockatoo and Forest Red-tailed Black Cockatoo and one calling for Forest Red-tailed Black Cockatoo were recorded during the survey.

The survey area included 38 trees that met the minimum diameter at breast height criteria to be classified as potential breeding trees, with a tree density of 1.3 trees per hectare. Thirty-seven trees did not contain hollows (Category 7), and one tree contained a hollow but was considered unsuitable for black cockatoo nesting (Category 6).

The survey area is considered unsuitable for roosting black cockatoos, due to the scarcity of large trees and insufficient foraging resources within and surrounding the survey area. No confirmed black cockatoo roosting sites were identified in the database search within 5 km of the survey area.

Table of Contents

1 Introduction 1
1.1 Project Background 1
1.2 Scope and Objective 1
2 Environmental Context 4
2.1 Physical Environment 4
2.1.1 Climate 4
2.1.2 Geology and Soils 5
2.1.3 Surface Water and Hydrology 5
2.2 Biological Environment 6
2.2.1 Interim Biogeographic Regionalisation of Australia 6
2.2.2 Land Systems 6
2.2.2 Pre-European Vegetation 6
2.2.3 Vegetation Complexes (Heddle) 7
2.2.4 Conservation Reserves 7
2.2.5 Bush Forever 8
2.3 Land Use and Tenure 9
2.4 State and Commonwealth Conservation Categories and Management 9
2.5 Introduced Flora Categories and Management 10
3 Methods 11
3.1 Desktop Assessment 11
3.1.1 Database Searches 11
3.1.2 Literature Review 12
3.1.3 Likelihood of Occurrence Assessment 12
3.1.3.1 Vegetation 12
3.1.3.2 Significant Flora 12
3.1.3.3 Fauna 13
3.2 Field Survey 14
3.2.1 Weather 14
3.2.2 Flora and Vegetation Survey 15
3.2.2.1 Targeted Flora Survey 16

3.2.2.2 Assessment of Significant Ecological Communities 17
3.2.2.3 Wetland Evaluation 17
3.2.3 Fauna Survey 17
3.2.3.1 Basic Fauna Survey 18
3.2.3.2 Targeted Black Cockatoo Habitat Assessment 19
3.2.4 Taxonomy and Nomenclature 22
3.3 Limitations 22
4 Results 26
4.1 Desktop Assessment 26
4.1.1 Significant Flora and Vegetation 26
4.1.2 General Fauna Assemblage 31
4.1.3 Significant Vertebrate Fauna 33
4.1.3.1 Black Cockatoos 33
4.2 Flora and Vegetation Survey 34
4.2.1 Vegetation 34
4.2.1.1 Vegetation Types 34
4.2.1.2 Vegetation Condition 38
4.2.1.3 Significant Vegetation 39
4.2.1.4 Wetland Evaluation 40
4.2.2 Flora 41
4.2.2.1 Significant Flora 42
4.2.2.2 Post-survey Likelihood of Occurrence of Significant Flora 42
4.2.2.3 Introduced Flora 43
4.3 Vertebrate Fauna Survey 43
4.3.1 Fauna Habitats 43
4.3.2 Vertebrate Fauna Species 46
4.3.3 Significant Species Recorded 47
4.3.4 Significant Species Possibly Occurring 48
4.3.4.1 Moderate Likelihood of Occurrence 48
4.3.4.2 Low Likelihood of Occurrence 49
4.3.5 Black Cockatoo Habitat Assessment 49

4.3.5.1 Foraging Habitat 49
4.3.5.2 Breeding Habitat 53
4.3.5.3 Roosting Habitat 53
5 Discussion 54
5.1 Vegetation and Flora 54
5.2 Fauna 55
6 References 58

List of Figures

Figure 1: Survey area location 3
Figure 2: Climate data (1940-2024) for the survey area obtained from the Pearce RAAF station (009053) 4
Figure 3: Pearce RAAF (station 009053) total recorded monthly rainfall (Sep 2023 – Oct 2024) long-term mean monthly rainfall (1937 – 2024), recorded mean monthly maximum temperatures (Sep 2023 – Oct 2024) and long-term mean monthly maximum temperature (1940-2024). 15

List of Plates

Plate 1: Vegetation type C1 (NM06). 35
Plate 2: Vegetation type C2 (NQ01). 35
Plate 3: Vegetation type P1 (NR04). 35
Plate 4: Vegetation type MPT (NR10). 36
Plate 5: Vegetation type MPTS (NR01). 36
Plate 6: Vegetation type PC (NM04). 36
Plate 7: Cleared (no vegetation present). 37
Plate 8: Bitumen track 38
Plate 9: Abandoned infrastructure. 38
Plate 10: Planted trees. 38

Plate 11: Planted trees and shrubs. 38

Plate 12: Artificial drainage in creek. 39

Plate 13: Track over creek. 39

Plate 14: Vegetation with *Eucalyptus gomphocephala* (Tuart). 40

Plate 15: *Eucalyptus gomphocephala* (Tuart). 40

Plate 16: Riparian vegetation mapped as Conservation management category palusplain (UFI 8773). 41

Plate 17: Riparian vegetation mapped as Conservation management category palusplain (UFI 8910). 41

List of Tables

Table 1: Geological units in the survey area 5

Table 2: Geomorphic wetlands of the Swan Coastal Plain within the survey area 5

Table 3: Distribution of land systems within the survey area and Swan Coastal Plain bioregion 6

Table 4: Extent of pre-European vegetation associations in the survey area 7

Table 5: Extents of pre-European vegetation complexes within the survey area 7

Table 6: Department of Biodiversity, Conservation and Attractions legislated lands within 5 km of the survey area 8

Table 7: Bush Forever sites within 5 km of the survey area 8

Table 8: Summary of database searches undertaken. 11

Table 9: Criteria used to assess the likely presence of significant flora in the survey areas. 13

Table 10: Criteria used to define likelihood occurrence of significant fauna species. 14

Table 11: Suitable diameter at breast height (DBH) tree categories for black cockatoos 21

Table 12: Statement of limitations. 23

Table 13: Threatened and priority ecological communities previously recorded within 5 km of the survey area 27

Table 14: Summary of relevant fauna surveys within 10 km of the survey area. 32

Table 15: Vegetation types of the survey area. 35

Table 16: Vegetation condition recorded for the survey areas. 39

Table 17: Taxa most frequently recorded in the survey areas. 42

Table 18: Significant flora recorded in the survey areas. 42

Table 19: Fauna habitats in the survey area. 44

Table 20: Vertebrate fauna species recorded during the field survey. 46

Table 21: Foraging habitat scoring values for Carnaby's Cockatoo. 51

Table 22: Foraging habitat scoring values for Forest Red-tailed Black Cockatoo. 52

Table 23: Tree categories according to the Main Roads Western Australia scoring tool for breeding suitability by tree species for the survey area 53

List of Appendices

Appendix A: Geology and Soils, Physiographic Values, Land Systems, Pre-European and Heddle Vegetation of the Survey Area

Appendix B: Conservation Categories for Flora, Fauna and Ecological Communities, and Categories for Introduced Flora

Appendix C: Vegetation Classification and Condition Scales, and Fauna Habitat Condition Scale

Appendix D: Flora and Fauna Survey Effort; tracklogs and site locations

Appendix E: Known Black Cockatoo Foraging, Roosting and Nesting Plant Species

Appendix F: Previous threatened and priority flora, fauna and ecological community records within the study area

Appendix G: Threatened and Priority Flora and Fauna Likelihood of Occurrence

Appendix H: Vegetation Type Mapping and Vegetation Condition Mapping

Appendix I: Flora Survey Site Data

Appendix J: Wetland Assessment

Appendix K: Flora Species List and Site x Species Matrix

Appendix L: Conservation Significant Flora and Introduced Flora Descriptions and Locations, and Threatened and Priority Flora Report Forms

Appendix M: Fauna Mapping and Fauna Habitat Assessments

Appendix N: Significant Fauna Records and Threatened and Priority Flora Report Forms

Appendix O: Black Cockatoo Foraging Habitat Assessment

Appendix P: Black Cockatoo Breeding Habitat Assessment

1 Introduction

1.1 Project Background

Astron Environmental Services (Astron) was engaged by Main Roads Western Australia (Main Roads) to undertake a biological survey, including a detailed flora and vegetation survey, a basic fauna survey and a targeted black cockatoo habitat assessment of Lot 156 Neaves Road, Bullsbrook (herein referred to as the survey area). The survey area is located at the north-eastern corner of the Neaves Road/Tonkin Highway intersection and is approximately 29.3 ha in size; the location of the survey area is presented in Figure 1. The outcome of the surveys will be used to support the implementation of offset strategies associated with the Great Eastern Highway Bypass Interchange project, under both the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act) and the *Environmental Protection Act 1986* (EP Act).

1.2 Scope and Objective

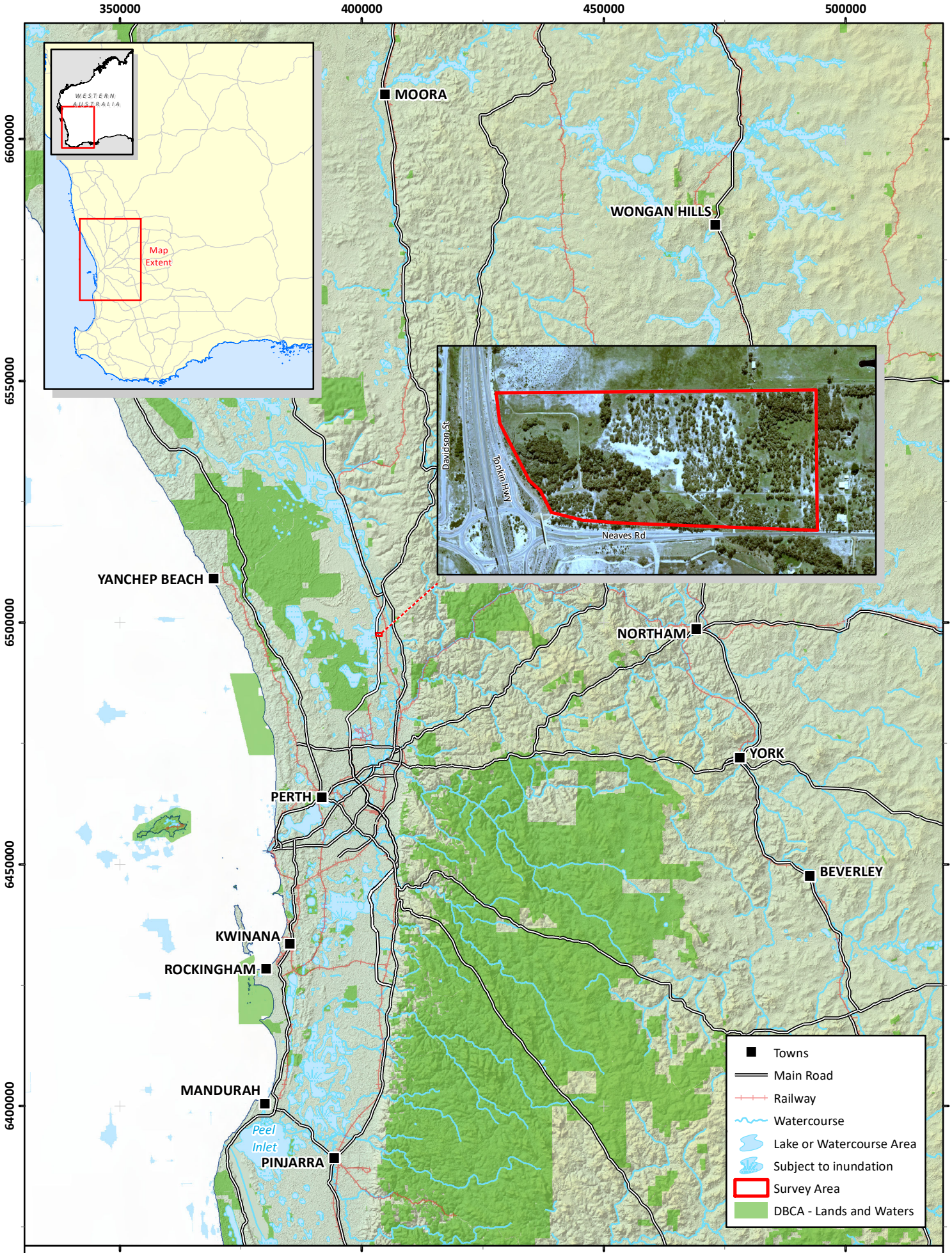
The objective of the biological survey was to conduct ecological baseline surveys for environmental factors, including flora, vegetation, fauna, soils and wetlands.

The scope of works, relating to all components of biological assessment, included the following:

- Complete a desktop assessment of the study area (a 5 km radius around the survey area) prior to the field survey to:
    - Identify all biological features and constraints, which may be in, or nearby, the survey area, including significant flora, vegetation/ecological communities, fauna, soil/land system, surface water values and conservation estate.
    - Review and present data from the Atlas of Living Australia database, Index of Biodiversity Surveys for Assessment database, Department of Climate Change, Energy, the Environment and Water Protected Matters Database, Department of Biodiversity, Conservation and Attractions (DBCA) Dandjoo and FloraBase, and Main Roads supplied database searches from DBCA's Species and Communities Branch (threatened (T) and priority (P) flora, fauna, threatened ecological communities (TECs) and priority ecological communities (PECs)).
    - Identify broad pre-European vegetation type(s) (Beard 1981, Heddle et al. 1980) and conduct an assessment against the statewide vegetation statistics and Southwest vegetation statistics where they occur.
    - Identify the locations of the nearest confirmed and unconfirmed roosting and nesting sites for each of the three threatened black cockatoo species.
    - Calculate the area of threatened fauna habitat available within the survey area.
- Undertake a single season detailed flora and vegetation survey to:
    - Describe and map the vegetation types within the survey area, according to National Vegetation Information (NVIS) Level 5 (association) and using sampling techniques as per Environmental Protection Authority (EPA) guidance (Environmental Protection Authority 2016a).
    - Map the condition of the vegetation within the survey area, using the adaptation of Keighery (1994), as presented in Environmental Protection Authority (2016a).

  - Undertake field assessments and mapping of potential TECs and PECs, as per latest conservation advice and Main Roads fact sheets.
  - Identify locations of Weeds of National Significance (WoNS) or declared pests.
  - Carry out mapping of riparian vegetation, if present.
  - Identify the presence of wetland vegetation and assess these against DBCA mapped wetlands, as provided in the Geomorphic Wetlands of the Swan Coastal Plains dataset (Department of Biodiversity, Conservation and Attractions 2020).

- Undertake a basic fauna survey and targeted black cockatoo habitat survey to:
  - Identify fauna habitats and undertake targeted searches for significant fauna following Environmental Factor Guideline: Terrestrial Fauna (Environmental Protection Authority 2016b) and Environmental Protection Authority's Technical Guidance – Terrestrial Vertebrate Fauna Surveys for Environmental Impact Assessment (Environmental Protection Authority 2020).
  - Identify and map foraging, roosting, and breeding habitat as per the Main Roads Black Cockatoo fact sheet (D19#1011841; Main Roads Western Australia 2023) and the Department of Sustainability, Environment, Water, Population and Communities referral guidelines (Department of Sustainability, Environment, Water, Population and Communities 2012). Astron notes that, as per the Environmental Brief (D24#1048401; Main Roads Western Australia 2024), habitat is not to be assessed using Department of Agriculture, Water and the Environment (2022).



Main Roads Western Australia

Lot 156 Neaves Road Bullsbrook - Biological and Targeted Black Cockatoo Survey, October 2024

Figure 1: Survey area location

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Author: J. Atkinson	Date: 28-04-2025
Drawn: C. Dyde	Figure Ref: 8600-004-24-BIDR-1RevB_250428_Fig01_Locn

Datum: GDA2020 - Projection: MGA Zone 50

0 10 20 30 40 Km

N

2 Environmental Context

2.1 Physical Environment

2.1.1 Climate

The climate of the south-west region of Western Australia is classified as a Mediterranean climate with hot, dry summers and mild, wet winters (Bureau of Meteorology 2024). Long-term (1940-2024) climate data for the survey area was accessed from the nearest Bureau of Meteorology weather station: Pearce RAAF (Station 009053) (approximately 4.7 km from the survey area) (Figure 2). The mean annual rainfall for Pearce RAAF is 651.2 mm (Bureau of Meteorology 2024).

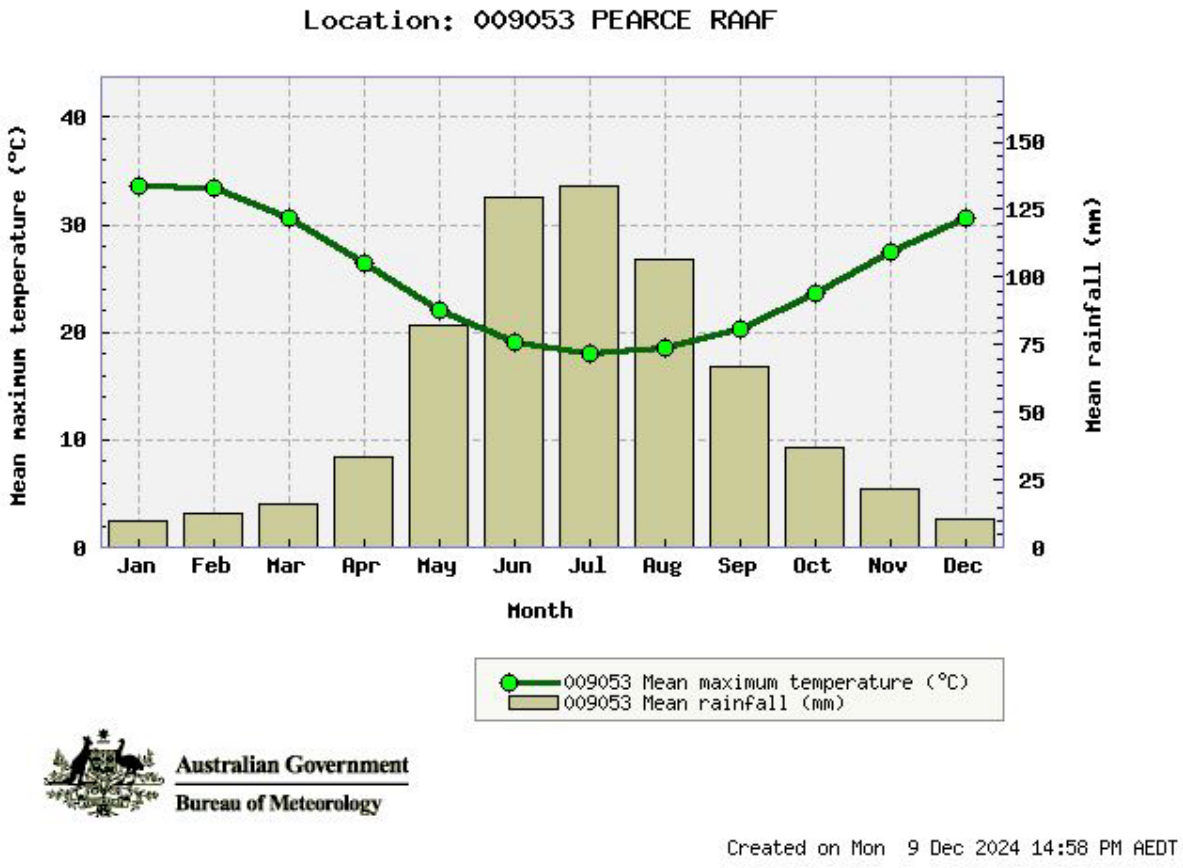


Figure 2: Climate data (1940-2024) for the survey area obtained from the Pearce RAAF station (009053) (Bureau of Meteorology 2024).

2.1.2 Geology and Soils

The surface geology of the survey area is comprised of two units, with Guildford Formation the dominant geological unit across the survey area (Table 1) (Geoscience Australia 2008). Geological mapping of the survey area and surrounds is presented in Figure A.1 (Appendix A).

Table 1: Geological units in the survey area (Geoscience Australia 2008).

Geological unit name	Label	Description	Extent within the survey area (ha)
Guildford Formation	Qag	Alluvial sand and clay with shallow-marine and estuarine lenses and local basal conglomerate	18.3
Bassendean Sand	Qdcb	Basal conglomerate overlain by dune quartz sand with heavy mineral concentrations	11.0

The survey area is mapped as soil landscape zone 213 - Pinjarra Zone, in the Swan province. The Pinjarra Zone soil unit is described as alluvial deposits (early Pleistocene to Recent) between the Bassendean Dunes Zone and the Darling Scarp, and colluvial and shelf deposits adjacent to the Darling Scarp. It is characterised by clayey to sandy alluvial soils with wet areas (Purdie and Schoknecht 2004, Department of Primary Industries and Regional Development 2021).

2.1.3 Surface Water and Hydrology

The survey area occurs in the Swan Coastal basin within the broader Swan Avon Catchment.

No Wetlands of International Importance (i.e. Ramsar wetlands) occur within the survey area. The nearest Ramsar wetlands are Forrestdale and Thomsons Lakes, and Becher Point Wetlands, both occurring more than 55 km to the south. A draft proposed addition to the Ramsar wetlands, Ellen Brook, is located approximately 6.8 km south-east of the survey area (Department of Biodiversity, Conservation and Attractions 2017a). The nearest wetland listed on the Directory of Important Wetlands in Australia (Department of the Environment and Energy 2020) is Ellen Brook Swamps System, located within 7.5 km of the survey area.

Four Geomorphic Wetlands, as listed by DBCA, occur within the survey area, totalling a combined 21.4 ha (Table 2). Three of these are listed as Conservation category wetlands. The portion of Ellen Brook Floodplain within the survey area is categorised as Mixed Use. A further 111 Conservation category geomorphic wetlands (damplands, sumplands, floodplains and palusplains) are located within the desktop study area (5 km radius). All geomorphic wetlands are presented in Figure A.2 (Appendix A) with details of the surrounding (< 5 km) records presented in Table A.1 (Appendix A) (Department of Biodiversity, Conservation and Attractions 2020).

Table 2: Geomorphic wetlands of the Swan Coastal Plain within the survey area (Department of Biodiversity, Conservation and Attractions 2020).

Unique Feature Identifier (UFI)	Wetland name	Landform	Wetland type	Wetland management category	Total area (ha) within the survey area
8773	unknown	Flat	Palusplain	Conservation	2.9
8909	unknown	Flat	Palusplain	Conservation	0.4
8910	unknown	Flat	Palusplain	Conservation	0.2
16066	Ellen Brook Floodplain	Flat	Palusplain	Multiple-use	18.0

2.2 Biological Environment

2.2.1 Interim Biogeographic Regionalisation of Australia

The Interim Biogeographic Regionalisation for Australia (IBRA) version 7, divides the continent into 89 bioregions and 419 subregions (Department of the Environment and Energy 2021). The IBRA regions represent a landscape-based approach to classifying the land surface, including attributes of climate, geomorphology, landform, lithology, and characteristic flora and fauna. The survey area Is located within the Swan Coastal Plain (SCP) bioregion, of which 10.74% is represented in conservation reserves (Mitchell et al. 2002).

The biodiversity of the 53 subregions recognised in Western Australia was documented as part of a national audit to provide priorities for conservation action (Department of Conservation and Land Management 2002). The survey area occurs within the Perth (SWA02) subregion of the SCP bioregion, This subregion is described in the audit as:

- **Perth (SWA02):** The Perth subregion is composed of colluvial and aeolian sands, alluvial river flats, coastal limestone. Heath and/or Tuart woodlands on limestone, Banksia and Jarrah-Banksia woodlands on Quaternary marine dunes of various ages, Marri on colluvial and alluvials. Includes a complex series of seasonal wetlands and also includes Rottnest, Carnac and Garden Islands etc. The subregional area is 1, 333, 901 ha. (Mitchell et al. 2002).

2.2.2 Land Systems

The Western Australia rangelands have been surveyed by the Department of Primary Industries and Regional Development (previously the Department of Agriculture and Food Western Australia) with subsequent reports identifying the condition of soils, landforms, vegetation, habitat and the presence of declared plants and animals. Land systems are classified according to their predominant biophysical features (Department of Primary Industries and Regional Development 2021). The survey area occurs within the Yanga System as part of the Western Region and is described as:

- **Yanga System:** Poorly drained plain with pale sands and deep sandy duplex, wet, semi-wet and saline wet soils. Banksia-pricklybark-marri-swamp sheoak-paperbark woodlands.

The total area of the Yanga land system within the survey area and broader Swan Coastal Plain bioregion is presented in Table 3. The distribution of land systems within and surrounding the survey area is illustrated in Figure A.3 (Appendix A).

Table 3: Distribution of land systems within the survey area and Swan Coastal Plain bioregion (Department of Primary Industries and Regional Development 2021).

Land System	Total area within SCP bioregion (ha)	Total area within the survey area (ha)	Proportion within the survey area (%)
Yanga System	34,941.9	29.3	<0.1

2.2.2 Pre-European Vegetation

The pre-European vegetation mapping of Western Australia maps original natural vegetation presumed to have existed prior to European settlement. It is based predominantly on the published and unpublished mapping of J.S. Beard (1979) and has been characterised to association level.

Two pre-European vegetation units are mapped within the survey area, Bassendean 1018 and Pinjarra 4, with each accounting for approximately half of the survey area.

- **Bassendean 1018**: Woodland, Low woodland or Low Forest; floristic information not available.
- **Pinjarra 4**: Woodland southwest; Jarrah, Marri and Wandoo.

Table 4 summarises the current and pre-European extent of these two vegetation associations in context of the survey area, with associations presented in Figure A.4 (Appendix A).

Table 4: Extent of pre-European vegetation associations in the survey area (Government of Western Australia 2019).

Beard vegetation association	Extent in survey area (ha)	Current extent in bioregion (ha)	Pre-European extent in bioregion (ha)	Proportion of pre-European extent remaining (%)
Bassendean 1018	14.8	1,195.1	8,008.4	14.9
Pinjarra 4	14.5	1,237.8	10,633.9	11.6

2.2.3 Vegetation Complexes (Heddle)

The pre-1750 distribution of vegetation complexes characteristic of various combinations of landforms, soils and rainfall along the SCP (south of Lancelin) has been mapped at a scale of 1:250,000 and compiled into a dataset (Department of Biodiversity, Conservation and Attractions 2018). The majority of the SCP vegetation complexes were described by Heddle et al. (1980) with the far southern section completed by Webb et al. (2016).

The survey area is located within two vegetation complexes (Heddle et al. 1980, Department of Biodiversity, Conservation and Attractions 2018):

- **Bassendean Complex – North:** Vegetation ranges from a low open forest and low open woodland of Banksia species - *Eucalyptus todtiana* (Pricklybark) to low woodland of Melaleuca species and sedgelands which occupy the moister sites.
- **Yanga Complex -** Predominantly a closed scrub of Melaleuca species and low open forest of *Casuarina obesa* (Swamp Sheoak) on the flats subject to inundation. On drier sites the vegetation reflects the adjacent vegetation complexes of Bassendean and Coonambidgee.

Table 5 summarises the most recent and pre-European extents of these vegetation complexes, with complexes presented in Figure A.5 (Appendix A).

Table 5: Extents of pre-European vegetation complexes within the survey area (Department of Biodiversity, Conservation and Attractions 2018).

Vegetation complex	Extent in survey area (ha)	Current extent in bioregion (ha)	Pre-European extent in bioregion (ha)	Proportion of pre-European extent remaining (%)
Bassendean Complex – North:	0.2	53,384	74,147	18.7
Yanga Complex	29.1	4,884	26,177	72.0

2.2.4 Conservation Reserves

The survey area is located in the City of Swan. There are no national parks or regional parks within the desktop study area, the nearest occurrence being Yellagonga Regional Park, 19.8 km south-west of the survey area. Four DBCA legislated lands occur within 5 km of the survey area, these are outlined in Table 6 and presented in Figure A.2, Appendix A (Department of Biodiversity, Conservation and Attractions 2023a).

Table 6: Department of Biodiversity, Conservation and Attractions legislated lands within 5 km of the survey area (Department of Biodiversity, Conservation and Attractions 2023a).

Site name	Site purpose	Distance from survey area (km) and direction
Neaves Road Nature Reserve	Conservation of flora and fauna	2.2 west
Bullsbrook Nature Reserve	Conservation of flora and fauna	3.5 north-east
Gnangara-Moore River State Forest	State forest	3.9 south-west
Unnamed Reserve 31067 (Bush Forever Site 88)	Conservation of flora and fauna	4.8 east

2.2.5 Bush Forever

There are 11 Bush Forever sites within 5 km of the survey area, one of which, Neaves Road Creek, Bullsbrook (Site 100) intersects the survey area (Table 7).

Site 100 is 26.9 ha in area, with 8.18 ha intersecting the south-west portion of the survey area. It consists of vegetated palusplain wetlands and creeks, with 7.2 ha of wetland listed as conservation wetlands. Vegetation and flora present is described as a *Melaleuca rhaphiophylla* low open forest, with scattered *M. preissiana* and *Eucalyptus rudis* over *Baumea preissii* and *Juncus pallidus* sedgelands. Significant mammal species at the site include Quenda (Department of Environmental Protection 2000a, Department of Planning, Lands and Heritage 2019). Bush Forever sites surrounding the survey area are presented in Figure A.2 (Appendix A).

Table 7: Bush Forever sites within 5 km of the survey area (Department of Planning, Lands and Heritage 2019).

Site number	Site name	Distance from survey area (km) and direction
100	Neaves Road Creek, Bullsbrook	0.0 (within survey area)
97	Kirby Road Bushlands, Bullsbrook	1.0 north-west
294	Pearce Aerodrome and Adjacent Bushland	1.9 south-east
462	Department of Defence – Muchea Air Weapons Range Bushland, Pinjar	2.7 north-west
292	Bullsbrook Nature Reserve and Adjacent Bushland	2.9 north-east
2	North East Ellen Brook Bushland, Bullsbrook	3.6 north-east
6	Cooper Road Water Reserve and Adjacent Bushland, Ellenbrook	3.8 south
399	Melaleuca Park and Adjacent Bushland, Bullsbrook/Lexia	3.9 south-west
89	Maroubra Avenue Bushland, Bullsbrook	4.0 south-east
88	Ashton Road Bushland, Bullsbrook	4.4 east
296	Ellen Brook, Upper Swan	4.6 south-east

2.3 Land Use and Tenure

The survey area is located in Bullsbrook, within the City of Swan. Land use mapping indicates that the primary land use category for the survey area is Conservation and Natural Environments (Department of Primary Industries and Regional Development 2018a). The survey area has historically been used for agricultural purposes and, as such, has previously been extensively cleared. Subsequent land use includes State utilities, with bituminised tracks and infrastructure still present.

2.4 State and Commonwealth Conservation Categories and Management

Commonwealth and State regulatory authorities maintain databases of the locations and conservation status of significant flora, fauna and ecological communities in Western Australia. The EPBC Act provides a legal framework to protect and manage Matters of National Environmental Significance (MNES) including listed flora, fauna and ecological communities. These listed flora, fauna and ecological communities are allocated a conservation category, which are outlined in Tables B.1 and B.2 (Appendix B).

An ecological community may be subject to processes that threaten to destroy or significantly modify it across much of its range. These communities are identified as TECs and are listed at both Commonwealth level under the EPBC Act and State level by the Western Australian Minister for Environment (Tables B.2 and B.3; Appendix B). Additionally, DBCA maintains a list of PECs, which may also be under threat and are assigned one of four priority rankings according to the criteria outlined in Table B.4 (Appendix B).

Under Western Australian legislation, all native flora and fauna is protected, and it is an offence to 'take' protected flora or fauna. *The Biodiversity Conservation Act 2016* (BC Act) also provides for native flora and fauna to be to be specially protected when they are considered rare, threatened with extinction, or have a high conservation value. Under the BC Act threatened (T) flora or fauna species may be listed as: critically endangered (CR), endangered (EN) or vulnerable (VU) (Table B.5, Appendix B). Fauna species of special conservation interest, such as migratory species, cetaceans, species subject to international agreement or species otherwise in need of special protection may be listed as: migratory (MI), conservation dependant (CD) or other specially protected (OS) (Table B.5, Appendix B). In addition, due to the diversity of Western Australia's flora and fauna, many species are known from only a few collections or locations but have not been adequately surveyed. Such species may be threatened but cannot be considered for declaration as threatened species until adequate surveys have been undertaken. These species are included on supplementary conservation lists managed by DBCA called the *Priority Flora List* and the *Priority Fauna List*. Priority flora and fauna are categorised according to level of threat and other information and the conservation categories are described in Table B.6 (Appendix B).

Bush Forever is a Western Australian Government whole-of government policy and program which aims to secure long-term protection of biodiversity and associated environmental values by appropriately addressing bushland protection and management issues within broader land use planning and decision making in the Perth Metropolitan Region (Department of Environmental Protection 2000a, 2000b). Bush Forever identified 287 sites, covering all 26 vegetation complexes that occur naturally in the Swan Coastal Plain portion of the Perth Metropolitan Area (Department of Planning, Lands and Heritage 2022). Bush Forever areas that are not protected in the formal reserve system have been given legislative recognition in the EP Act as they are identified as Environmentally Sensitive Areas (ESA), to protect them from clearing under the Clearing Regulation exemptions, without formal approval (Department of Planning, Lands and Heritage 2022).

2.5 Introduced Flora Categories and Management

Significant weed species are identified at both the Commonwealth and State levels. The Australian Weeds Strategy (Australian Weeds Committee 2012) identifies Weeds of National Significance (WoNS) which have the potential to impact primary industry and/or environmental and social values. The management of weeds in Western Australia is primarily regulated through the *Biosecurity and Agriculture Management Act 2007* (BAM Act) with some provision under the BC Act. Species listed under this act are allocated one of three declared pest categories which define the required level of management (Department of Primary Industries and Regional Development 2018b). Declared pest control categories are presented in Table B.7 (Appendix B).

3 Methods

3.1 Desktop Assessment

3.1.1 Database Searches

State and Commonwealth database searches were conducted to identify listed conservation significant flora, fauna and ecological communities within, or in close proximity to, the survey area. Main Roads provided DBCA database search results for threatened and priority flora, threatened and priority fauna and black cockatoo breeding and nesting sites (5 km radius to the survey area) in September 2024. Database search details are summarised in Table 8. Conservation categories for ecological communities, flora and fauna are presented in Appendix B. Introduced flora species were compared to the Department of Primary Industries and Regional Development Western Australian Organism List, to determine if any have been listed as declared pests (Department of Primary Industries and Regional Development 2018b), and the WoNS list (Australian Weeds Committee 2012). Introduced flora categories are presented in Appendix B.

Table 8: Summary of database searches undertaken.

Database	Date search results received	Search focus	Search area
Australian Government Protected Matters Search Tool (Department of Climate Change, Energy, the Environment and Water 2024)	19/09/2024	MNES	5 km buffer around survey area shapefiles
Dandjoo Biodiversity Data Repository (Department of Biodiversity, Conservation and Attractions 2025a)	24/01/2025	Species records	5 km buffer around survey area shapefiles
Atlas of Living Australia (ALA) (Atlas of Living Australia 2024)	19/09/2024	Species records	5 km radius around survey area shapefiles (provided by Main Roads)
Threatened and Priority Ecological Communities Database (Department of Biodiversity, Conservation and Attractions 2024a)	19/09/2024	Threatened and priority ecological communities	5 km radius around survey area shapefiles (provided by Main Roads)
Threatened and Priority Flora and Fauna Databases (Department of Biodiversity, Conservation and Attractions 2024b, 2024c)	19/09/2024	Listed threatened and priority flora	5 km buffer around survey area shapefiles (provided by Main Roads)
Black Cockatoo Breeding and Roosting Sites (Department of Biodiversity, Conservation and Attractions 2024c)	19/09/2024	Spatial data on known breeding trees and roosts used by black cockatoos, particularly Carnaby's Cockatoo (*Zanda latirostris*) (EN; EN).	5 km buffer around survey area shapefiles (provided by Main Roads)

Database	Date search results received	Search focus	Search area
Western Australian Herbarium Database (Department of Biodiversity, Conservation and Attractions 2024d)	19/09/2024	Listed threatened and priority flora	5 km radius around survey area shapefiles (provided by Main Roads)
Environmentally Sensitive Areas (ESAs) (Department of Water and Environmental Regulation 2018)	19/09/2024	ESAs	5 km radius around survey area shapefiles (provided by Main Roads)
Declared Pests (s22) in the WA Organism List (Department of Primary Industries and Regional Development 2018b)	January 2024	Declared Pests as listed under the *Biosecurity and Agriculture Management Act 2007*	No spatial search conducted
National Weeds Lists (Australian Weeds Committee 2012)	January 2024	Weeds of National Significance	No spatial search conducted
Birdata (Birdlife Australia 2024)	3/10/2024	Bird species	5 km buffer around survey area shapefiles

3.1.2 Literature Review

Access to contextual reports were gained through the Index of Biodiversity Surveys for Assessment website within 5 km from the survey areas (Department of Water and Environmental Regulation 2024). Three reports with vertebrate fauna components were reviewed for the survey area, of which, two were targeted black cockatoo surveys.

- Stage 3 Resleepering Project (Muchea) Flora, Vegetation and Fauna Survey, October 2021 (Eco Logical Australia 2021)
- Basic Fauna and Targeted Black Cockatoo Assessment Stock Road Corridor, Bullsbrook, September 2021 (Emerge Associates 2021)
- Black Cockatoo Habitat Assessment Report, Lot 801 Morrissey Road Bullsbrook, January 2015 (Natural Area 2015).

As per the scope of works, a literature review was not conducted for the flora and vegetation aspects of the survey.

3.1.3 Likelihood of Occurrence Assessment

3.1.3.1 Vegetation

Prior to the survey, the 33 PECs listed by DBCA for the Swan region (Department of Biodiversity Conservation and Attractions 2023) and the 20 TECs endorsed by the Western Australian Minister for Environment for the Swan Coastal Plain IBRA region were reviewed to determine if any were characterised by landforms or habitat considered to have potential to occur, based on interpretation of aerial imagery and the results of the desktop assessment.

3.1.3.2 Significant Flora

Prior to conducting the field survey, aerial imagery was interpreted to identify potential vegetation types. Preferred habitat information for each significant flora species returned from the database

searches was compiled using publicly available information from FloraBase (Department of Biodiversity, Conservation and Attractions 2024d) and WA Herbarium voucher information (obtained using Level 5 access of FloraBase). The distance to nearest records was obtained using geographical information system software to calculate distance from the survey area using the location coordinates provided with database search results. The significant flora species returned from database searches were then categorised according to the criteria in Table 9 to determine potential occurrence within the survey area.

Table 9: Criteria used to assess the likely presence of significant flora in the survey areas.

Likelihood of occurrence	Criteria
Recorded	Species previously recorded within the survey area and likely to still occur (records from literature review or recent database records, in areas where no clearing has been undertaken).
Likely	Species previously recorded within the survey area (older records from database searches) or within 2 km of the survey area and suitable habitat appears to be present in the survey area.
Potential	Species previously recorded within 2 km to 5 km of the survey area and/or suitable habitat appears to be present in the survey area.
Unlikely	No suitable habitat appears to be present in the survey area.
Unknown	No information available to assess likelihood.

Following the field survey, the significant flora species identified during the desktop assessment were re-assessed to determine their likelihood of occurrence within the survey area. Post-field survey likelihood was primarily based on validating the presence (through inspection of accessible areas) of suitable habitats within the survey area, combined with life form and flowering information (i.e. visibility) for each flora species (Western Australian Herbarium 2024).

3.1.3.3 Fauna

Prior to the field survey, significant vertebrate fauna species returned from the database searches were categorised for likelihood of occurrence within the survey area according to the criteria listed in Table 10. Invertebrate species were also returned from database searches, however, in accordance with the scope of works, were not included as part of the fauna assessment. Following the field survey, the significant fauna species identified during the desktop assessment were reassessed to determine their likelihood of occurrence within the survey area. Post-field survey likelihood was primarily based on validating the presence (and through inspection) of suitable habitats within the survey area.

Table 10: Criteria used to define likelihood occurrence of significant fauna species.

Likelihood of occurrence	Pre-survey	Post-survey
Recorded	Species has been recorded within the survey area.	Species or evidence of species recorded during survey; OR Species recorded from recent reliable records from within the survey area.
High	Species has been recorded within 5 km of the survey area and preferred habitat appears to be present.	Preferred or suitable habitat is present in the survey area which are abundant and/or in high quality condition and species has been recorded within 5 km of the survey area in the last 20 years; OR Species is known to be cryptic and may not have been detected despite adequate survey effort and suitable habitat present within the survey area.
Moderate	Species has been recorded within the prescribed database search area and suitable habitat appears to be present.	The species has been recorded within 5 km of the survey area in the last 20 years but limited suitable habitat occurs in the survey area or preferred habitats are in poor or highly modified condition; OR Preferred habitat for the species occurs in the survey area but the species has not been recorded within 5 km in the last 20 years; OR The high likelihood of occurrence criteria have not been met; however, the species is known from within 20 km of the survey area and has good dispersal abilities.
Low	Species recorded from within the prescribed database search area but suitable habitat does not appear to be present or survey area is outside the species current known distribution.	Species dependent on specific habitats that do not occur in the survey area or survey area is outside the species known distribution; OR The species is known from the general area but has poor dispersal abilities; OR Non-cryptic species that has not been recorded in the survey area despite adequate survey effort; OR Species considered locally extinct despite previous database records; OR Species recorded within, or in close proximity (<1 km) to the survey area however doubt remains over the taxonomic identification, validity of record.

3.2 Field Survey

3.2.1 Weather

Daily weather observations recorded from Pearce RAAF (station 009053) were used to describe local rainfall and temperature preceding the survey (Figure 3). The annual rainfall recorded preceding the survey was 543.4 mm (18 Oct 2023 to 18 Oct 2024), 117.4 mm below the long-term mean of 660.8 mm (Bureau of Meteorology 2024). In the three months preceding the field survey 241 mm of rain was recorded, 30.8 mm above the long-term mean for the same period, with the majority occurring in August. The mean maximum temperature for the month preceding the survey was 22.5°C, slightly above the long-term average of 20.3°C (Bureau of Meteorology 2024).

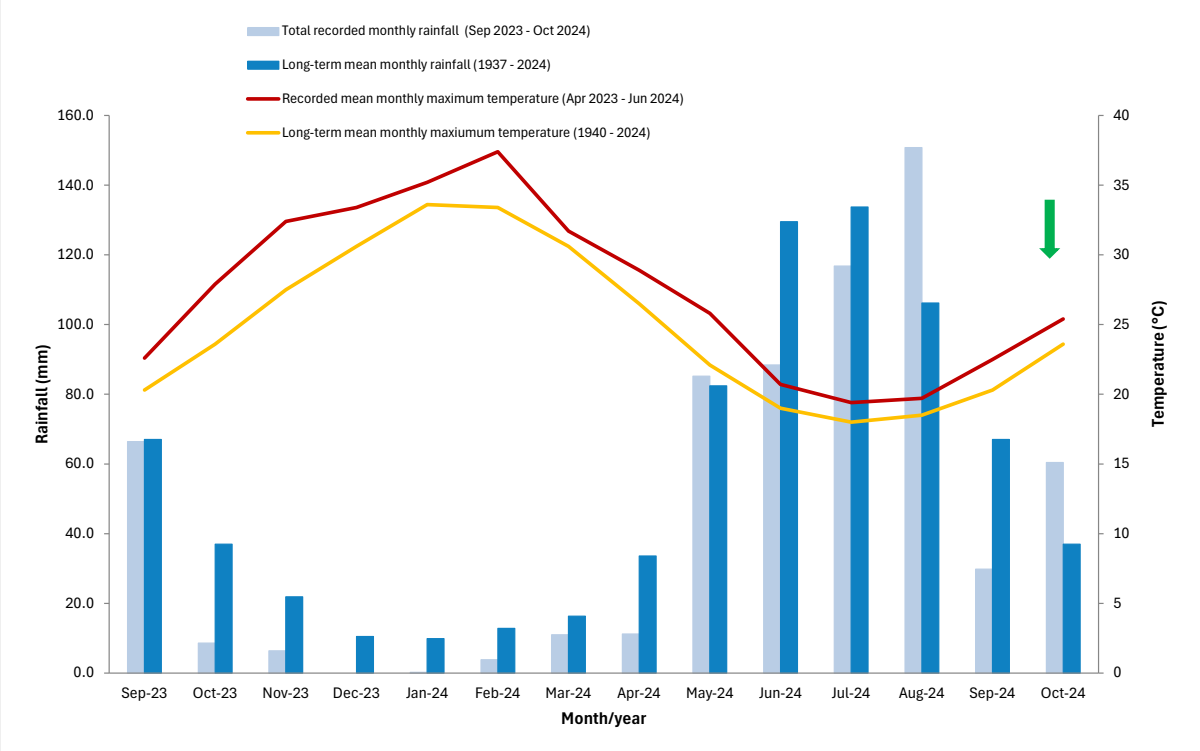


Figure 3: Pearce RAAF (station 009053) total recorded monthly rainfall (Sep 2023 – Oct 2024) long-term mean monthly rainfall (1937 – 2024), recorded mean monthly maximum temperatures (Sep 2023 – Oct 2024) and long-term mean monthly maximum temperature (1940-2024). The green arrow indicates the field survey timing.

3.2.2 Flora and Vegetation Survey

The detailed flora and vegetation survey was conducted by Astron Principal Botanist Janelle Atkinson (Flora Permit FB62000178-4) and Botanist Sarah Hayler (Flora Permit FB62000397-3) between 16 and 18 October 2024. An additional reconnaissance survey was conducted by Janelle Atkinson on 15 December 2024.

The methods adopted for the flora and vegetation survey were formulated in accordance with the following regulatory guidance:

- Technical Guidance - Flora and Vegetation Surveys for Environmental Impact Assessment (Environmental Protection Authority 2016a)
- Environmental Factor Guideline – Flora and Vegetation (Environmental Protection Authority 2016c)
- Environment Protection and Biodiversity Conservation Act 1999 Environmental Offsets Policy (Department of Sustainability Environment Water Population and Communities 2012a).

Information acquired during the desktop assessment assisted in the design of the field survey. Pre-survey planning involved the examination of satellite imagery to identify potentially different landform, habitat and vegetation types.

Sampling was undertaken using a combination of quadrats (of 10 m x 10 m dimension), relevés and mapping notes. The recommended quadrat size for the Swan Coastal Plain bioregion is 10 m by 10 m (Environmental Protection Authority 2016a).

Where vegetation types represented remnant vegetation, a minimum of three quadrats were sampled. In areas of cleared or planted vegetation, relevés were undertaken, however three replicates were not always achieved.

The following was recorded from each quadrat:

- Location – coordinates were measured using a handheld Global Positioning System (GPS) (Map Grid of Australia (MGA)50, Geocentric Data of Australia (GDA)94). The NW corner of each quadrat was recorded.
- Recorder and date – personnel involved in sampling that location and the survey date.
- Species – representative list of vascular plant species present, including weed species. Species that were not confidently identified during the field survey were collected for identification in the Astron office herbarium, or at the Western Australian Herbarium.
- Foliar cover – the estimated percentage cover for each species in each stratum.
- Vegetation description – vegetation units were described according to NVIS level 5 (NVIS Technical Working Group 2017) and classified according to the Aplin (1979) modification of the vegetation classification system of Specht (1970) (Table C.1 Appendix C). At this level, vegetation was described to 'association' where 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 adapted by Keighery (1994) and presented in the EPA Technical Guidance – Flora and Vegetation Surveys for Environmental Impact Assessment (Environmental Protection Authority 2016a) (Table C.2, Appendix C).
- Habitat – a broad description of the surrounding landscape based on landform, topography, and soil.
- Disturbance – records of any obvious disturbances such as fire, tracks, weed infestation, and other evidence that were present.
- Photographs – a photograph was taken of each quadrat and vegetation unit.

Mapping notes taken to support vegetation mapping varied in detail but generally included location coordinates, photographs, dominant species, vegetation description and vegetation condition. Floristic data for vegetation types was complemented by opportunistic records of flora species not otherwise captured in representative quadrats and mapping notes. Locations of all flora sites and survey effort are presented in Figure D.1, Appendix D.

3.2.2.1 Targeted Flora Survey

The likelihood that significant flora species occur within the survey area was determined during the desktop assessment as detailed in Section 3.1.3. Habitat suitability was assessed in the field. Data collected from quadrats in each habitat and opportunistic traversing was used to determine whether there was a likelihood of target species occurring. Although not specifically requested in the scope of work, some targeted survey was undertaken in the remnant and planted vegetation, to search for significant flora species identified in the desktop assessment. Specimens of significant flora species were submitted to the WA Herbarium for formal identification/confirmation. Introduced flora, with a focus on WoNS or declared pests, were opportunistically recorded while traversing the survey area.

3.2.2.2 Assessment of Significant Ecological Communities

The survey team familiarised themselves with local significant ecological communities prior to the field survey and assessed any areas that had key landforms or species, such as *Eucalyptus gomphocephala,* or Banksia tree species.

Vegetation that had potential to align to any EPBC Act TEC, was assessed against the criteria and methods outlined in the relevant Approved Conservation Advice documents and Main Roads Technical Guidance factsheets. Information acquired from quadrats, relevés, and patch assessments was utilised where required. One small population of *E. gomphocephala* (Tuart) was encountered, therefore Department of the Environment and Energy (2019) and Main Roads Western Australia (2020) were consulted to complete the assessment. Vegetation with the potential to align with State-listed TECs or PECs were assessed against listing descriptions or recovery information where possible. Floristic community type analysis was not undertaken to assist in determining the presence of TECs or PECs within the survey area due to the highly disturbed nature of the survey area, planted vegetation, a combination of a lack of similarity in average species richness between the survey sites and reference datasets (Gibson et al. (1994) and Keighery et al. (2012)), the high number of weeds recorded in the survey sites and the predominantly low vegetation condition rating assigned to each survey site.

3.2.2.3 Wetland Evaluation

A summary wetland evaluation was undertaken using the guidance outlined in the Department of Biodiversity, Conservation and Attractions (2017b). Data from two quadrats and four relevés sampled from within the three wetlands mapped in the survey area (Department of Biodiversity, Conservation and Attractions 2020) was used to conduct the assessment following the field survey. Only a preliminary assessment was undertaken; the results of which identified that a secondary assessment was not required.

3.2.3 Fauna Survey

The basic fauna and targeted black cockatoo survey was conducted by Astron Senior Zoologist Andrew McCreery on 16 October 2024. Andrew has over 10 years of experience conducting vertebrate fauna surveys, including 15 targeted black cockatoo surveys throughout the Swan Coastal Plain, Jarrah Forest and Wheatbelt regions. Previous surveys in Lower Chittering and Julimar were in proximity to the Neaves Road survey area.

The methods adopted for the fauna survey were formulated in accordance with the following regulatory guidance:

- Environmental Factor Guideline: Terrestrial Fauna (Environmental Protection Authority 2016b)
- Environmental Protection Authority's Technical Guidance – Terrestrial Vertebrate Fauna Surveys for Environmental Impact Assessment (Environmental Protection Authority 2020)
- EPBC Act Referral Guidelines for Three Threatened Black Cockatoo Species: Carnaby's Cockatoo *Calyptorhynchus latirostris*, Baudin's Cockatoo *Calyptorhynchus baudinii*, Forest red-tailed Black Cockatoo *Calyptorhynchus banksii naso* (Department of Sustainability Environment Water Population and Communities 2012b)
- Environment Protection and Biodiversity Conservation Act 1999 Environmental Offsets Policy (Department of Sustainability Environment Water Population and Communities 2012a).

The assessment of black cockatoo foraging habitat, roosting habitat and breeding habitat was in accordance with the Main Roads Black Cockatoo Impact Assessment Factsheet (D19#1011841) (Main Roads Western Australia 2023).

In the context of a Basic fauna survey, the guidance statement advises field observers to describe the fauna habitats of the survey area, which give a comprehensive list of fauna that can reasonably be expected to occur (Environmental Protection Authority 2020). Therefore, the aim of the fauna component of the survey included descriptions of fauna habitats (with the assistance of vegetation descriptions and mapping) in the survey area and a compilation of fauna species recorded opportunistically as the survey area was traversed.

3.2.3.1 Basic Fauna Survey

Fauna Habitat Assessments

Thirteen fauna habitat assessments were conducted for the survey area which detailed the following:

- Location – coordinates measured using a Garmin GPS (MGA50, GDA94) unit at each site.
- Recorder and date – personnel involved in undertaking the fauna habitat assessment and the survey date.
- Habitat/landform – position in the landscape - major fauna habitat types were described based on the landform and vegetation.
- Vegetation description – a broad description of vegetation type and structure.
- Soils – a brief description of soil type.
- Microhabitat – presence of specific microhabitat features (e.g. leaf litter, logs, burrows, rocky outcrops, rock crevices, hollows, permanent or semi-permanent water).
- Condition – habitat condition was assessed based on the presence of anthropogenic (human-induced) disturbances, and using the condition ratings suggested by Thompson and Thompson (2010) (Table C.3, Appendix C).
- Disturbance – any disturbance such as clearing, fire, weeds, flooding, vehicular, machinery, tracks or grazing.
- Photographs – a representative photograph was taken at each habitat assessment site.

The information derived from the fauna habitat assessments and vegetation descriptions gained from the flora and vegetation survey was used to delineate fauna habitats throughout the survey area. Locations of all fauna sites and survey effort are presented in Figure D.2 (Appendix D).

Targeted Searches for Significant Species

Targeted searches were conducted for significant vertebrate species considered likely to be present. All sightings of species not previously recorded during the survey, significant fauna, introduced fauna, or other fauna of interest were documented. Records include both primary evidence (such as direct species observations) and secondary evidence (e.g., burrows, diggings, and scats). Whenever significant fauna was observed through primary or secondary evidence, the location, description of the observation, habitat type, and a photograph (where possible) was taken.

3.2.3.2 Targeted Black Cockatoo Habitat Assessment

The black cockatoo habitat assessment was the primary focus of the field survey and was undertaken concurrently with the basic fauna survey. The habitat assessment survey was completed in accordance with the requirements outlined in the Main Roads Black Cockatoo Technical Guidelines Fact Sheet (Main Roads Western Australia 2023), and, at the request of Main Roads, the EPBC Act Referral Guidelines (Department of Sustainability Environment Water Population and Communities 2012b), in preference to the more recent guidelines for black cockatoos (Department of Agriculture, Water and the Environment 2022). Three key elements were assessed during the targeted black cockatoo assessment, including the potential of breeding (current and future), foraging and roosting habitat.

Spatial data sourced from the DBCA threatened and priority fauna database was provided by Main Roads, which included black cockatoo known and potential nesting and roosting sites within 5 km of the survey area (Department of Biodiversity Conservation and Attractions 2024).

Foraging Habitat

The Commonwealth Habitat Quality Score (HQS) tool for black cockatoos was used to determine if the survey area provides quality foraging habitat (Main Roads Western Australia 2023; Appendix C). This tool quantifies foraging habitat based on three key elements: site condition, site context and species stocking rate. This report focuses on the site condition and site context aspects of the HQS tool. Although details relevant to the species stocking rate are included, classifications and discussion thereof are not provided.

Foraging values were evaluated for each fauna habitat type, and an average score was allocated to the survey area. The significance and quality of the foraging habitat was based on:

- known usage, e.g. evidence of foraging or observations of foraging
- proximity to roosting or nesting areas
- amount of other foraging habitats within the local region
- numbers of birds known to forage in the area
- vegetation type, assemblage, and condition, especially high priority food species like *Banksia*, *Eucalyptus* (including Marri) and *Hakea* species.

Site condition is considered the key factor in determining the quality of habitat. The values used to determine the site condition score were based on survey data and observations compiled during the fauna survey, along with the flora and vegetation survey data. Vegetation descriptions, fauna habitat assessments, flora identification, projected foliage cover of foraging species, tree deaths and evidence of Dieback were collated to assess overall habitat quality. The habitat and vegetation descriptions were used to quantify the suitability of the vegetation types for foraging, with an emphasis on high priority food species for each black cockatoo species, such as *Banksia*, *Eucalyptus, Corymbia* and *Hakea* species. The identification of foraging plants and their projected foliage cover was sourced from quadrat and relevé data collected during the flora and vegetation survey. The foliage cover from all foraging species was combined to give a total foraging proportional value for each habitat type. A literature review of known foraging species for each black cockatoo species is collated in Table E.1 (Appendix E). Tree death proportions were taken from the black cockatoo breeding tree assessment for all habitat types in the survey area. The tree "status", i.e. whether the tree was dead or alive, was recorded for all trees with a diameter at breast height (DBH) above the required minimum. The cleared areas were devoid of foraging plant species and given a score of zero.

The site context aspect of the scoring tool was obtained through information gathered during the desktop assessment, including nearby breeding and roost sites acquired through the DBCA. Aerial imagery (Google Earth) was utilised to gain an understanding of the likely habitat types within proximity to the survey area.

During the survey, black cockatoo foraging evidence was actively searched for. Common food items, such as chewed Marri fruit were recorded and sightings of black cockatoos actively feeding were recorded.

Breeding Habitat

Breeding habitat is defined as trees species known to support breeding, within the range of the species, which have a suitable nest hollow or are of a suitable DBH (>500 mm for most species, >300 mm for Salmon Gum (*Eucalyptus salmonophloia)* and Wandoo (*Eucalyptus wandoo*)) (Department of Sustainability Environment Water Population and Communities 2012b).

The survey area was searched systematically in 50 m wide transects and all *Eucalyptus* and *Corymbia* trees with the minimum DBH were assessed. The following parameters were recorded for each tree:

- location (UTM) using a Garmin GPS (accuracy error margin approximately 5 m to 10 m)
- tree species
- DBH (taken approximately 1.5 m from the ground)
- estimated height of tree
- status of tree (dead or alive)
- presence of hollows
- stem count (equal to or above the minimum DBH)
- photographs
- suitability for black cockatoos (Table 11): pre-hollow inspection (unconfirmed).

Typically, trees with potentially suitable black cockatoo breeding hollows would be inspected with a pole-mounted camera to gather more information about the internal dimensions and structure of the hollow. However, the initial ground assessment did not identify any trees containing potential black cockatoo breeding hollows. Therefore, the methodology for the pole-mounted camera assessment has not been included.

The breeding tree assessment categorised the suitability of trees for black cockatoo breeding, using the tool outlined in the Main Roads Black Cockatoo Technical Guidelines Fact Sheet (Main Roads Western Australia 2023), and displayed in Table 11.

The surveys were conducted during Carnaby's Cockatoo (*Zanda latirostris*) (listed as Endangered (EN) under both the EPBC Act and BC Act (EN, EN)) breeding season and within their breeding range, thus maximising the detection of breeding records.

Table 11: Suitable diameter at breast height (DBH) tree categories for black cockatoos (Main Roads Western Australia 2023).

Category number	Tree category	Description
1	Suitable DBH Tree with Known Nesting Hollows – hollows where breeding has been recorded or there is evidence of previous use.	**Hollow where breeding has been recorded (i.e. bird/s observed in hollow) or there is evidence of previous use (i.e. hollow contains black cockatoo feathers or eggs).**
2	Suitable DBH Tree with a potentially suitable hollow with signs of use (not confirmed).	**Hollows that appear to have a suitably sized entry and display signs of use; however, internal dimensions have not been assessed.** Although signs of use may be present, the signs, such as chew marks, could be from prospecting black cockatoos or other birds such as galahs, which leave very distinctive marks on hollows and trees (impacted potentially suitably sized hollows should be confirmed by competent observer). Where hollows cannot be avoided, the status of Category 2 hollows must be reassessed during the assessment process to determine whether it is a Category 1, 3, 4, or 6 hollow.
3	Suitable DBH Tree with a suitable hollow with no signs of use (confirmed).	**Hollows that appear to have a suitably sized entry, with internal dimensions assessed.** Category usually based on follow up hollow assessment with pole camera or drone. Although hollow appears to be suitable, there is no evidence of black cockatoo use. Where hollows cannot be avoided, status of Category 3 hollows should be reassessed immediately prior to clearing.
4	Suitable DBH Tree with a marginally unsuitable hollow with no signs of use (confirmed)	**Hollows that are not currently suitable but have the potential to become suitable within five years.** Where hollows cannot be avoided and have not been checked within 5 years, the hollow status must be reassessed to determine whether it has become suitable (Category 3 hollows) or a Known Nesting Hollow (Category 1 hollows).
5	Suitable DBH Tree with a potential suitable hollow with no signs of use (not confirmed).	**Hollows that appear to have a suitably sized entry; however, internal dimensions have not been assessed.** Category usually based on ground observation only. Where hollows cannot be avoided, status of Category 5 hollows must be reassessed during the assessment process to determine whether it is a Category 1, 3, 4, or 6 hollow.
6	Suitable DBH Tree with unsuitable hollows.	**Hollows that have a hollow entry greater than 50 mm that is not suitable due to the size of its entry, internal dimensions, angle and/or height off ground.**
7	Suitable DBH Tree without hollows.	**Trees with a 500 mm DBH (or 300 mm for Wandoo or Salmon Gum) that do not have visible hollows (hollows with an entry opening below 50 mm not considered a hollow).** Note – multiple stemmed trees that branch above DBH may not be suitable.

Roosting Habitat

Based on the referral guidelines, night roosts for black cockatoos typically occur in the tallest trees of an area, and usually close to an important water source and quality foraging habitat (Department of Sustainability Environment Water Population and Communities 2012b). Carnaby's Cockatoos generally roost in or near riparian environments or other permanent water sources.

A roosting assessment was based on nearby roosting records, the quality of roosting habitat and secondary roosting evidence (i.e., droppings, feathers). Dawn or dusk roosting surveys did not occur due to the well-understood roosting records in the local area and the low likelihood of roosting due to the lack of large trees in the survey area.

3.2.4 Taxonomy and Nomenclature

Plant specimens that were not identified in the field were identified and verified at the WA Herbarium by Astron Botanist Kathya Tippur, who has 12 years of plant taxonomy experience in Western Australia. Kathya was supported by Astron Principal Botanists Janelle Atkinson and Natalie Cadd. The assigned nomenclature is consistent with the current listing of scientific names recognised by the WA Herbarium and was used for the species list and associated species information collected. Specialist taxonomists from the WA Herbarium were consulted for any specimens considered difficult to identify or of taxonomic interest. Where specimens had inadequate descriptive material to allow confident identification, they were assigned a 'sp.' (species) epithet, indicating that identification could not be confirmed beyond genus level. Data from each quadrat, relevé and mapping note was entered into a customised database.

Nomenclature for the fauna species listed within this report are as per Western Australian Museum's Checklist of the Vertebrates of Western Australia (Western Australian Museum 2024). Field guides and accepted scientific peer review references were also used for fauna identification.

3.3 Limitations

Following completion of the desktop assessment and field surveys, a review of any limitations that may have affected a complete assessment of the data collected was conducted. The limitations listed in Table 12 are based on those suggested as considerations in Environmental Protection Authority (2016a, 2020)

Table 12: Statement of limitations.

Potential limitation	Limitation (None/minor/ requires consideration)	Statement regarding potential limitations
i) Availability of contextual information at a regional and local scale	None	Broad-scale contextual information was available from (Beard 1990) and IBRA datasets (Department of the Environment and Energy 2021). Localised information specific to the survey area was available in Geomorphic Wetlands mapping and Bush Forever (Department of Environmental Protection 2000a, Department of Biodiversity, Conservation and Attractions 2020, Department of Planning, Lands and Heritage 2022). Database search data provided contextual information on floristic species and vegetation communities of interest in the vicinity of the survey area. The vertebrate fauna in the region is well-understood and previous data is accessible through the database searches and literature review undertaken in this report. The movements and habitat requirements of the black cockatoo species are well-documented, particularly their presence. Therefore, contextual information is not a limiting factor for the flora or fauna surveys.
ii) Competency/ experience of the team carrying out the survey, including experience in the bioregion surveyed	None	Janelle Atkinson has over 18 years of experience and Sarah Hayler has over 2.5 years of experience in undertaking flora and vegetation surveys throughout Western Australia. Both team members are considered experienced and capable in field survey and are trained in plant identification. Janelle has conducted numerous flora and vegetation surveys on the Swan Coastal Plain bioregion. Andrew McCreery has over 10 years of experience in undertaking fauna surveys throughout Western Australia. He has conducted several black cockatoo assessments on the Swan Coastal Plain, Jarrah Forest and Avon Wheatbelt bioregions. Competency and experience were not considered to be a limiting factor for the fauna survey. Competency and experience were not considered to be a limiting factor for the flora or fauna surveys.

Potential limitation	Limitation (None/minor/ requires consideration)	Statement regarding potential limitations
iii) Proportion of flora/fauna recorded and/or collected, any identification issues	None	A total of 81 flora species including weeds were recorded from the survey area, with additional 13 unconfirmed taxa recorded. Five specimens were tentatively identified to species level, six specimens to genus level and two to family level due to a lack of diagnostic material. None of these specimens were considered likely to represent a significant taxon. A high proportion of available taxa were considered to be represented by the survey. The survey was conducted in spring following above average rainfall in the preceding three months. Spring is the optimal time for floristic surveys within the South-West botanical province (Environmental Protection Authority 2016a). The proportion of flora recorded was not considered to be a limiting factor for this survey. The primary focus of the fauna survey was to assess suitable habitat for black cockatoos; as such, only a small proportion of the expected fauna assemblage was recorded. The Basic fauna survey recorded 36 fauna species in the survey area, which is typical for this level of survey. This was not considered a limitation for the fauna survey. The proportion of fauna recorded was not considered to be a limiting factor for this survey.
iv) Was the appropriate area fully surveyed (effort and extent)	None	The survey area was considered adequately surveyed to compile a representative list of flora species (including significant flora species), as well as describe and map vegetation at a level appropriate for management decisions, and search for significant flora species. The survey area was considered adequately surveyed to compile a representative list of fauna species. The black cockatoo foraging habitats assessment was mapped at a level appropriate for management decisions. The black cockatoo breeding habitat survey recorded and assessed all *Eucalyptus/Corymbia* trees with a minimum DBH of >50 cm across the survey area. Therefore, completeness was not considered a limiting factor for the flora or fauna surveys.
v) Access restrictions within the survey area	Minor	Although the entire survey area was accessible, some parts around the creek were inundated and/or covered in dense areas of Typha and could not be traversed at the time of the survey. This was not considered a limiting factor for this survey.

Potential limitation	Limitation (None/minor/ requires consideration)	Statement regarding potential limitations
vi) Survey timing, rainfall, season of survey	None	The flora and vegetation survey was conducted in October 2024; this is within the recommended survey timing for flora and vegetation surveys within the South-West botanical province (Environmental Protection Authority 2016a). Rainfall in the 12 months prior to October surveys was approximately 117.4 mm below the long-term average (Bureau of Meteorology 2023). However, on ground conditions were considered average, with above-mean rainfall recorded in the August preceding the survey. One significant flora species was recorded within the survey area. Of the remaining significant species listed in the database search results, none were considered to be likely or have the potential to occur following the survey. The fauna survey was conducted in October 2024. This is within the recommended survey timing for fauna surveys within the south-west (Environmental Protection Authority 2020). The targeted black cockatoo habitat assessments can be conducted year-round (Department of Agriculture, Water and the Environment 2024). Timing is not considered a limiting factor for the flora or fauna surveys.
vii) Disturbance that may have affected the results of survey such as fire, flood or clearing.	None	There were no disturbances that affected the results of the survey. Disturbance was not considered a limiting factor.

4 Results

4.1 Desktop Assessment

4.1.1 Significant Flora and Vegetation

A review of the DBCA TEC and PEC database and the EPBC Act Protected Matters Search Tool (PMST) identified the presence of 13 listed communities within 5 km of the survey area (Table 13) (Department of Biodiversity, Conservation and Attractions 2024b, Department of Climate Change, Energy, the Environment and Water 2024).

Of those 13 communities, seven represent TECs listed federally under the EPBC Act. The survey area occurs within the buffer of 'Communities of Tumulus Springs (Organic Mound Springs, Swan Coastal Plain)' (Department of Biodiversity, Conservation and Attractions 2024a), listed as Endangered under the EPBC Act and Critically Endangered under the BC Act. Additionally, the 'Banksia Woodlands of the Swan Coastal Plain ecological community' TEC was listed in the PMST as likely to occur within the survey area. All other communities were listed in the PMST as either known, likely, or may occur in the buffer area (Department of Climate Change, Energy, the Environment and Water 2024).

Six TECs listed by the State under the BC Act have been previously recorded within 5 km of the survey area. This includes two DBCA TEC's: 'Herb rich saline shrublands in clay pans (floristic community type 7 as originally described in Gibson et al. 1994)' and 'Herb rich shrublands in clay pans (floristic community type 8 as originally described in Gibson et al. 1994)' which are components of the federally listed 'Claypans of the Swan Coastal Plain' TEC (Department of Biodiversity, Conservation and Attractions 2024a).

Five PECs listed by the State under the BC Act have been previously recorded within 5 km of the survey area. This includes the 'Banksia Woodlands of the Swan Coastal Plain PEC, which is also listed synonymously at the federally level as a TEC incorporating the '*Banksia ilicifolia* woodlands' PEC, 'Swan Coastal Plain *Banksia attenuata – Banksia menziesii* woodlands' PEC and 'Low lying *Banksia attenuata* woodlands or shrublands' PEC as components (Department of Biodiversity, Conservation and Attractions 2024a).

All of the TECs and PECs listed in the database searches for the survey area are listed in Table 13 (Department of Biodiversity, Conservation and Attractions 2024a, Department of Climate Change, Energy, the Environment and Water 2024).

Table 13: Threatened and priority ecological communities previously recorded within 5 km of the survey area (Department of Biodiversity, Conservation and Attractions 2023b).

Ecological community description	State conservation status (BC Act or DBCA listing)	EPBC Act conservation status	Distance from survey area (km)
Assemblages of plants and invertebrate animals of tumulus (organic mound) springs of the Swan Coastal Plain The community occurs in tumulus springs (organic mound springs) on the Swan Coastal Plain. The habitat of the mound springs is characterised by continuous discharge of groundwater in raised areas of peat. The peat and surrounds provide a stable, permanently moist series of microhabitats, with a high level of heterogeneity of invertebrate fauna assemblages between sites. Groups commonly represented include Ostracoda, Nematoda, Cladocera, Copepoda, Oligochaeta, Tardigrada, Turbellaria and Insecta. Typical and common native vascular plant species associated with the tumulus springs are the trees *Banksia littoralis* (swamp banksia), *Melaleuca preissiana* (moonah) and *Eucalyptus rudis* (flooded gum), and the shrubs *Taxandria linearifolia* (swamp peppermint), *Pteridium esculentum* (bracken fern), *Astartea scoparia* (common astartea) and *Cyclosorus interruptus* (swamp shield-fern).	TEC (CR)	TEC (EN)	0 (overlaps survey area)
Banksia Woodlands of the Swan Coastal Plain Canopy is most commonly dominated or co-dominated by *Banksia attenuata* and/or *B. menziesii*. Other *Banksia* species that can dominate in the community are *B. prionotes* or *B. ilicifolia*. It typically occurs on well drained, low nutrient soils on sandplain landforms, particularly deep Bassendean and Spearwood sands and occasionally on Quindalup sands; it is also common on sandy colluvium and aeolian sands of the Ridge Hill Shelf, Whicher Scarp and Dandaragan Plateau and, in other less common scenarios	PEC (P3)	TEC (EN)	0.5
Shrublands and woodlands on Muchea Limestone of the Swan Coastal Plain The community occurs on the heavy soils of the eastern side of the Swan Coastal Plain and has been recorded between Beermullah and Wokalup. Known patches include wetland and well-drained habitats, in a variety of landforms. It is defined on the basis of substrates with a limestone influence. Many of the species are commonly associated with the limestone soils that occur on the coast, and do not generally occur further inland. Typical and common native species in areas of best developed limestone are: the tree *Casuarina obesa* (swamp sheoak); the mallees *Eucalyptus decipiens* (redheart) and *Eucalyptus foecunda* (narrow-leaved red mallee); the shrubs *Melaleuca huegelii* (chenille honey-myrtle), *Alyogyne huegelii* (lilac hibiscus), *Grevillea curviloba* (EN), *Grevillea evanescens* (P1) and *Melaleuca systena* (coastal honeymyrtle); and the herb *Thysanotus arenarius* (sand-dune fringed lily). Where the limestone substrate is less well developed and limestone may occur as nodules or chunks, the flora assemblages can be influenced by other characteristics of the substrate, such as clay content, with the presence of calcicoles such as *Thysanotus arenarius*, *Gahnia trifida* (coast saw-sedge), *Eremophila glabra* (tar bush) and *Melaleuca brevifolia* (mallee honey-myrtle) providing evidence of the limestone influence. *Melaleuca huegelii* shrublands, *Eucalyptus*	TEC (EN)	TEC (EN)	0.5

Ecological community description	State conservation status (BC Act or DBCA listing)	EPBC Act conservation status	Distance from survey area (km)
decipiens mallee, *Casuarina obesa* woodlands and *Melaleuca brevifolia*, *Melaleuca systena* or *Melaleuca viminea* shrublands have been recorded on Muchea Limestone.			
***Banksia ilicifolia* woodlands (floristic community type 22)** (a component of the Endangered Banksia Woodlands of the Swan Coastal Plain EPBC listed TEC) Low lying sites generally consisting of *Banksia ilicifolia – B. attenuata woodlands*, but *Melaleuca preissiana* woodlands and scrubs are also recorded. Occurs on Bassendean and Spearwood systems in the central Swan Coastal Plain north of Rockingham. Typically, has very open understorey, and sites are likely to be seasonally waterlogged.	PEC (P3)	TEC (EN)[1]	1.7
Swan Coastal Plain *Banksia attenuata* – *Banksia menziesii* woodlands (floristic community type 23b) (A component of the Endangered *Banksia* Woodlands of the Swan Coastal Plain EPBC listed TEC) These woodlands occur in the Bassendean system, from Melaleuca Park to Gingin. Occurs in reasonably extensive *Banksia* woodlands north of Perth.	PEC (P3)	TEC (EN)[1]	1.7
Low lying *Banksia attenuata* woodlands or shrublands (floristic community type 21c) (A component of the Endangered *Banksia* Woodlands of the Swan Coastal Plain EPBC listed TEC). This type occurs sporadically between Gingin and Bunbury and is largely restricted to the Bassendean system. The type tends to occupy lower lying wetter sites and is variously dominated by *Melaleuca preissiana*, *Banksia attenuata*, *B. menziesii*, *Regelia ciliata*, *Eucalyptus marginata* or *Corymbia calophylla.* Structurally, this community type may be either a woodland or occasionally shrubland.	PEC (P3)	TEC (EN)[1]	1.7
***Corymbia calophylla* — *Xanthorrhoea preissii* woodlands and shrublands, Swan Coastal Plain (floristic community type 3c as originally described in Gibson et al. 1994)** The community occurs on heavy soils of the eastern side of the southern Swan Coastal Plain, generally between Bullsbrook and Stratham. The community is usually dominated by *Corymbia calophylla* (marri) and *Xanthorrhoea preissii* (balga). It also occasionally includes *Eucalyptus wandoo* (wandoo). The more common shrubs include *Gompholobium marginatum*, *Hypocalymma angustifolium* (white myrtle) and *Banksia dallanneyi* (couch honeypot), with herbs, grasses and sedges including *Burchardia congesta* (milkmaids), *Cyathochaeta avenacea*, *Neurachne alopecuroidea* (foxtail mulga grass), *Caesia micrantha* (pale grass-lily), *Mesomelaena tetragona* (semaphore sedge), *Morelotia octandra*, *Desmocladus flexuosus*, *Opercularia vaginata* (dog weed), *Sowerbaea laxiflora* (purple tassels), *Lepidosperma* spp. and *Drosera menziesii* (pink rainbow) also common.	TEC (EN)	TEC (EN)	2.1
Clay Plains of the Swan Coastal Plain The ecological community generally occurs as a shrubland (less commonly as a low, open woodland) over a ground layer of geophytes, herbs and sedges which are characteristic of the wetter parts of the sites. There are no dominant	Not listed	TEC (CR)	within 5 km

Ecological community description	State conservation status (BC Act or DBCA listing)	EPBC Act conservation status	Distance from survey area (km)
species which characterise the entire ecological community. The ecological community, however, shows similar landform and vegetation structural features across its range. A distinctive feature of these clay pan wetlands is the suite of geophytes and annual flora that germinates, grows and flowers sequentially as these areas dry over summer, producing a floral display for over three months. The clay pans have very high species richness, a number of local endemics and are the most floristically diverse of the Swan Coastal Plain wetlands.			
Herb rich saline shrublands in clay pans (floristic community type 7 as originally described in Gibson et al. 1994) The community is generally dominated by *Melaleuca viminea* (mohan), *Melaleuca osullivanii*, *Melaleuca cuticularis* (saltwater paperbark) or *Casuarina obesa* (swamp sheoak) or a mixture of these species. It has been recorded between Mogumber and Ambergate on heavy clay soils that are generally inundated from winter to mid-summer. The species *Melaleuca cuticularis* and *Casuarina obesa* may indicate some saline influence for at least part of the year. Herbs such as *Brachyscome bellidioides*, *Centrolepis polygyna* (wiry centrolepis), *Pogonolepis stricta* (stiff angianthus) and **Cotula coronopifolia* (waterbuttons; note: listed as alien in Florabase) are typical of this community (Herbarium 2025). In addition, species such as *Angianthus drummondii* (priority 3), *Eryngium pinnatifidum* subsp. Palustre (priority 3) and *Blennospora drummondii* occur in the community at low frequency. A suite of annual flora is seen in the community as the season progresses. In early spring many of the occurrences of the community are covered by free water up to 30cm deep. *Cotula coronopifolia* sometimes forms yellow floating mats in some pools while others may be dominated by *Ornduffia submersa* (priority 4). Aquatic species are common in the community early in the growing season. As the wetland dries a succession of species such as *Centrolepis* spp. and annual *Stylidium* spp. successively germinate, grow and flower, resulting in an extended flowering period of over three months.	TEC (EN)	TEC (CR)	3.2
Herb rich shrublands in clay pans (floristic community type 8 as originally described in Gibson et al. 1994) The community has been recorded between Bullsbrook and Ludlow and occurs in low-lying flats with a clay impeding layer that facilitates seasonal inundation. The vegetation can be dominated by *Viminaria juncea* (swishbush), *Melaleuca viminea* (mohan), *Melaleuca lateritia* (robin redbreast bush) or *Melaleuca osullivanii* (broombush) but also occasionally by *Eucalyptus wandoo* (wandoo). Commonly occurring flora include *Hypocalymma angustifolium* (white myrtle), *Acacia lasiocarpa var. bracteolata* (long peduncle form) and *Verticordia huegelii* (variegated featherflower), and aquatic annuals.	TEC (EN)	TEC (CR)	3.8
Forests and woodlands of deep seasonal wetlands of the Swan Coastal Plain (floristic community type 15 as originally described in Gibson et al. 1994) The community has been recorded from Bambun to Nirimba, on alluvial sediments on sites that are inundated for long periods resulting in more typical aquatic and flora of deeper wetlands. The community is generally dominated by *Melaleuca rhaphiophylla* (swamp paperbark) or *Casuarina obesa* (swamp sheoak). Other species can include	TEC (CR)	Not listed	3.8

Ecological community description	State conservation status (BC Act or DBCA listing)	EPBC Act conservation status	Distance from survey area (km)
Melaleuca teretifolia (banbar), *Atriplex cinerea* (grey saltbush), *Samolus repens* (creeping brookweed), *Salicornia quinqueflora* (beaded samphire) and *Sporobolus virginicus* (marine couch).			
Empodisma peatlands of southwestern Australia The assemblage of plants, animals and other organisms associated with a type of freshwater, peat-based wetland (including within damplands, troughs, paluslopes, palusplains and palusmonts floodplains) that is found in the High Rainfall Province of the south-west of Western Australia. It is typically a sedgeland to shrubland vegetation complex on peaty substrates that almost always includes the perennial grass-like twig rush *Empodisma gracillimum* (tanglefoot). *Empodisma* peatlands provide habitat for a diverse range of hydrophilic species, including threatened, regionally endemic, and relictual flora and fauna species (Department of Climate Change, Energy, the Environment and Water 2023).	Not listed	TEC (EN)	within 5 km
Tuart (*Eucalyptus gomphocephala*) Woodlands and Forests of the Swan Coastal Plain ecological community The ecological community occurs as woodlands or forests or other structural forms where the primary defining feature is the presence of *Eucalyptus gomphocephala* (Tuart) trees in the uppermost canopy layer. The name of this tree species reflects one of its various Noongar names. The ecological community includes the assemblage of plants, animals and other organisms that occur in association with Tuart. The ecological community has a discontinuous distribution in the west of the Swan Coastal Plain, of southwest Western Australia (Department of the Environment and Energy 2019).	PEC (P3)	TEC (CR)	within 5 km

1. A component of the Endangered 'Banksia Woodlands of the Swan Coastal Plain' EPBC listed TEC, not listed independently at the Federal level.

Database search results identified 34 significant flora species within a 5 km radius of the survey area. This included 21 threatened, one P1, one P2, nine P3 and two P4 species. Pre-field assessment of the taxa for likelihood of occurrence, indicated that no significant species had previously been recorded, with nine species considered 'likely' to occur and 25 significant species considered to have the 'potential' to occur within the survey area. The distribution of significant flora species and ecological communities returned from both State and Commonwealth database searches are presented in Figure F.1 (Appendix F). Threatened and priority flora species likelihood of occurrence is presented in Table G.1 (Appendix G)

4.1.2 General Fauna Assemblage

The database searches and previous report records indicate 180 vertebrate fauna occur, or potentially occur within a 5 km radius from the survey area (Table F.1 to F.4, Appendix F), including 11 amphibian species, 34 reptile species, 118 bird species, and 17 mammal species (including six introduced mammal species) (Atlas of Living Australia 2024, Birdlife Australia 2024, Department of Biodiversity, Conservation and Attractions 2024c, 2024e, Department of Climate Change, Energy, the Environment and Water 2024).

Previous surveys in the vicinity of the current survey were all basic fauna and/or targeted black cockatoo that did not collect comprehensive fauna species lists (Table 14).

Table 14: Summary of relevant fauna surveys within 10 km of the survey area.

Author (year) Survey	Survey Area; size (ha)	Survey level	Survey timing	Survey effort	Significant vertebrate fauna recorded
Eco Logical Australia (2021) Stage 3 Resleepering Project (Muchea) Flora, Vegetation and Fauna Survey	3.2 ha, and 18 track survey areas with a length of 27.6 km (Millendon Junction, 23.0 km north-east of Perth CBD to Gingin, 90.0 km north of Perth)	Basic Level Fauna Survey	October 2021	Walking transects, habitat assessments and opportunistic observations for fauna.	<u>Significant fauna</u> Forest Red-tailed Black Cockatoo (*Calyptorhynchus banksii naso*) and Carnaby's Cockatoo (*Zanda latirostris*) feeding evidence. Records of Baudin's Cockatoo (*Zanda baudinii*) and Carnaby's Cockatoo calls near the survey area. No Priority fauna species as listed by DBCA were recorded within the survey area. <u>Black Cockatoo habitat quality</u> A total of 17 flora species recorded that will provide suitable foraging resources for black cockatoo species. Overall condition of the fauna habitats ranged from completely cleared to areas with vegetation in Very Good condition.
Emerge Associates (2021) Basic Fauna and Targeted Black Cockatoo Assessment Stock Road Corridor, Bullsbrook	56.6 ha (31.0 km north-east of Perth CBD)	Basic Level Fauna Survey and Targeted Black Cockatoo Assessment	September 2020	Walking transects, habitat assessments and opportunistic observations for fauna. <u>Black Cockatoo habitat assessment</u> • breeding – recording and assessing trees >50 cm DBH (Wandoo and Salmon Gum >30 cm) • foraging – food plants identified and recorded. Habitat types assessed for foraging quality. • roosting – trees in survey area assessed for the presence of active or historical roosts.	<u>Significant fauna</u> No fauna species of conservation significance were recorded within the site. No records of black cockatoos were made during the field survey. <u>Black Cockatoo habitat quality</u> Moderate foraging habitat for Carnaby's Cockatoo and Forrest Red-tailed Black Cockatoo. A total of 98 black cockatoo habitat trees were recorded, of which none contained suitable hollows for breeding. No black cockatoo roosting observed, suitable native and non-native trees provide potential roosting habitat.
Natural Area (2015) Brajkovich Demolition and Salvage (WA) Pty Ltd Black Cockatoo Habitat Assessment Report, Lot 801 Morrissey Road Bullsbrook	13.5 ha (within Lot 801 Morrissey Road, 39.2 km north-east of Perth CBD)	Targeted Black Cockatoo Assessment	January 2015	<u>Black Cockatoo habitat assessment</u> • breeding – recording and assessing trees >50 cm DBH, presence of existing hollows, size of hollows and signs of hollow use were recorded. • foraging – food plants identified and recorded. Habitat types assessed for foraging quality. • roosting – trees in survey area assessed for signs of roosting.	<u>Significant fauna</u> No records of black cockatoos or signs of feeding/roosting/breeding at time of survey. <u>Black Cockatoo habitat quality</u> Twenty-two trees recorded with a diameter of greater than 50cm for the black cockatoo breeding assessment. No suitable black cockatoo breeding hollows recorded.

4.1.3 Significant Vertebrate Fauna

Results of the database searches list 27 significant vertebrate species as potentially occurring within the survey area, comprising three reptile species, 18 bird species and seven mammal species. Prior to the survey, three species were considered to have a high likelihood of occurrence (Forest Red-tailed Black Cockatoo (*Calyptorhynchus banksii naso*) (VU; VU); Carnaby's Cockatoo (*Zanda latirostris*) (EN; EN); and Quenda (*Isoodon fusciventer*) (P4)), two species were considered to have a moderate likelihood of occurrence (Chuditch (*Dasyurus geoffroii*) (VU; VU); and Peregrine Falcon (*Falco peregrinus*) (OS)), and 22 species were considered to have a low likelihood of occurrence (Table G.2, Appendix G). This is based on their respective ecology, habitats considered likely to be present and any previous records from historic survey and database records. No significant vertebrate fauna species have been recorded within the survey area previously.

State and Commonwealth database results for significant fauna are presented in Figure F.1 (Appendix F), together with additional database results provided in Appendix F.

4.1.3.1 Black Cockatoos

Based upon the current distributions, the Carnaby's Cockatoo is "known" to occur within the vicinity of the survey area, while Forest Red-tailed Black Cockatoo, is "likely" to occur within the vicinity of the survey area (Department of Climate Change, Energy, the Environment and Water 2024). The fauna database search did not return previous records for Baudin's Cockatoo (*Zanda baudinii*) (EN; EN) (Department of Climate Change, Energy, the Environment and Water 2024), and was not included in the black cockatoo habitat assessment (Section 4.3.5).

Foraging Habitat

The DBCA threatened and priority fauna database search returned a total of 28 records for Carnaby's Cockatoo and seven records for Forest Red-tailed Black Cockatoo within 5 km of the survey area (Department of Biodiversity, Conservation and Attractions 2024c) (Appendix F).

Breeding Habitat

The survey area occurs within the known current breeding range for Carnaby's Cockatoo (Glossop et al. 2011, Department of Agriculture, Water and the Environment 2022). The DBCA database search for black cockatoo breeding sites returned no breeding sites for any of the black cockatoo species within 5 km of the survey area (Department of Biodiversity, Conservation and Attractions 2024c). The survey area is within the mapped 12 km buffer of a known breeding site of Carnaby's Cockatoo (Department of Biodiversity, Conservation and Attractions 2025b)

Roosting Habitat

The DBCA database search returned no black cockatoo roost sites within 5 km of the survey area (Department of Biodiversity, Conservation and Attractions 2024c). The nearest black cockatoo roost sites are 6.1 km east and 6.4 km north of the survey area (Department of Biodiversity, Conservation and Attractions 2024f).

4.2 Flora and Vegetation Survey

4.2.1 Vegetation

4.2.1.1 Vegetation Types

Six vegetation types were mapped across 27.9 ha (95.3%) of the survey area. The remaining 1.4 ha (4.7%) of the survey area was Cleared, characterised by infrastructure with no vegetation present. The PC vegetation type was the most widespread, accounting for 11.2 ha (38.4%) of the survey area. Descriptions and representative photographs for vegetation types are presented in Table 15. Vegetation type mapping is provided in Figure H.1 (Appendix H) and flora site data is presented in Appendix I.

Table 15: Vegetation types of the survey area. *denotes weed species.

Vegetation Type	Sites	Condition	Proportion of survey area (ha)	Photographs
C1: *Melaleuca preissiana*, *M. rhaphiophylla* and *Eucalyptus rudis* subsp. *rudis* open to closed forest over *Taxandria linearifolia* and *Astartea* ?*leptophylla* tall open to tall shrubland over *Machaerina preissii*, *Machaerina rubiginosa* and *Typha* ?*domingensis* very open to open sedgeland over *Alternanthera* ?*denticulata*, **Rumex pulcher* and **Rorippa nasturtium-aquaticum* very open to open herbland. Represents vegetation along the creekline and wetland areas (riparian). Also includes some surrounding low-lying areas subject to waterlogging following winter rains, which had much sparser upper vegetation layers but similar floristic composition. **Associated species:** **Centella asiatica*, *Corymbia calophylla*, **Erigeron sumatrensis*, **Holcus lanatus*, *Lepidosperma effusum*, **Solanum nigrum, *Sonchus oleraceus* and **Zantedeschia aethiopica.*	NQ02 NQ04 NQ06 NR02 NR12 NR14 NR16 NM01 NM03 NM06 NM08	Good - Very Good	3.1 (10.6 %)	 **Plate 1: Vegetation type C1 (NM06).**
C2: *Eucalyptus rudis* subsp. *rudis* open forest to closed forest over **Bromus diandrus*, **Ehrharta longiflora* and **Holcus lanata* open tussock to tussock grassland. Represents remnant vegetation on the banks of the creekline (riparian). Very sparse mid and lower strata. **Associated species:** **Briza maxima*, **Chasmanthe floribunda, Corymbia calophylla, Eucalyptus victrix*, *Eucalyptus* ?*patens*, **Hordeum leporinum*, **Lotus subbiflorus, *Sonchus oleraceus* , **Zantedeschia aethiopica*.	NQ01 NQ03 NQ05	Degraded	1.2 (4.0%)	 **Plate 2: Vegetation type C2 (NQ01).**
P1: *Corymbia calophylla* open forest to closed forest over **Ehrharta longiflora*, **Bromus diandrus* open tussock to tussock grassland. Represents remnant stands of marri on the outer banks of the riparian areas and flats. Mid stratum is absent and lower stratum is comprised of weed species. **Associated species:** **Ursinia anthemoides*, **Ornithopus compressus* and **Zantedeschia aethiopica.*	NR04 NR05 NM10	Degraded	1.3 (4.4%)	 **Plate 3: Vegetation type P1 (NR04).**

Vegetation Type	Sites	Condition	Proportion of survey area (ha)	Photographs
MPT: Mixed planted tree species. Mixed species of planted trees, comprising local and non-local species such as *Eucalyptus todtiana*, *E. camaldulensis, Corymbia calophylla, Agonis flexuosa* var. *flexuosa, Acacia saligna, Melaleuca preissiana* open woodland to woodland. Planted trees with sparse mid stratum and sparse yet weedy lower stratum. **Associated species:** **Bromus diandrus, *Ehrharta calycina*, **Ehrharta longiflora, *Hypochaeris glabra, *Pentameris airoides* subsp. *airoides, Regelia ciliata, *Ursinia anthemoides.*	NR06 NR08 NR10	Degraded^	9.0 (30.8%)	 **Plate 4: Vegetation type MPT (NR10).**
MPTS: Mixed planted tree and shrub species. Mixed species of planted trees, comprising local and non-local species such as *Eucalyptus todtiana*, *Corymbia calophylla, E. camaldulensis, Melaleuca preissiana* and *Banksia attenuata* very open woodland to woodland over mixed species of planted shrubs such as *Kunzea glabrescens*, *Acacia saligna, Calothamnus quadrifidus* subsp. *quadrifidus*, *Regelia ciliata*, *Hypocalymma angustifolium* open shrubland to shrubland. Planted trees and shrubs of mid density. **Associated species:** **Briza maxima, *Ehrharta calycina*, *Grevillea curviloba* (T), **Hordeum leporinum, *Hypochaeris glabra*, *Jacksonia ?fasciculata*, *Melaleuca radula*, *Melaleuca hamata*, *Podotheca gnaphalioides*, **Ursinia anthemoides*, **Wahlenbergia capensis* and **Zantedeschia aethiopica.*	NR01 NR03	Good^	2.1 (7.1%)	 **Plate 5: Vegetation type MPTS (NR01).**
PC: Parkland cleared. Area cleared of native vegetation in the past and dominated by a variety of introduced grasses including **Pentameris airoides* subsp. *airoides*, **Bromus diandrus*, **Ehrharta longiflora* and **E. calycina* and regrowth native herb species including *Cartonema philydroides* and *Podotheca gnaphalioides*, to varying densities.	NM02 NM04	Completely Degraded	11.2 (38.4%)	 **Plate 6: Vegetation type PC (NM04).**

Vegetation Type	Sites	Condition	Proportion of survey area (ha)	Photographs
Cleared: No vegetation present. Areas of infrastructure with no vegetation cover present	N/A	N/A (Cleared)	1.4 (4.7%)	 Plate 7: Cleared (no vegetation present).

^ In the absence of a specific vegetation condition scale that addresses areas replanted with native species (that are not necessarily representative of the original vegetation), the condition ratings presented in EPA (2016) have been applied.

4.2.1.2 Vegetation Condition

The survey area was generally a highly disturbed area, having been previously extensively cleared for agriculture and subsequently used for state utilities. Vegetation condition ranged from Very Good to Completely Degraded, with 11.3 ha (38.5%) of the survey area Completely Degraded (Table 16). Large areas had been cleared of vegetation and a number of gravel and bitumen tracks remained, connecting abandoned infrastructure in the survey area. Areas that remained completely cleared accounted for 1.4 ha (4.7%) of the survey area (Plate 8 and Plate 9). No vegetation in the survey area was considered 'regrowth' vegetation. Approximately 11.1 ha (37.9%) of previously cleared land had been planted with local and non-local tree and shrub species; Google Earth historic imagery suggests the first of these areas was planted around 2004 and as such many of the trees are mature, although do not reflect vegetation that would be expected in the area (Plate 10 and Plate 11). The most intact vegetation occurred in the conservation category wetland areas, with large paperbark Melaleuca trees dominating the seasonally inundated creek line. The understorey in the creek area was generally patchy, less diverse than would be expected in better condition vegetation and with a high richness and abundance of weed species in some parts, including the declared pest species **Echium plantagineum* (Patterson's curse), **Rubus laudatus* (blackberry) and **Zantedeschia aethiopica* (arum lily). Artificial drainage at the western side (adjacent to Tonkin Highway) and where tracks intersected the creek had a minor effect on the wetland vegetation in the survey area (Plate 12 and Plate 13). The entire survey area is heavily grazed by kangaroos and weeds are common and abundant throughout. Vegetation condition mapping is presented in Figure H.2 (Appendix H).



Plate 8: Bitumen track



Plate 9: Abandoned infrastructure.



Plate 10: Planted trees.



Plate 11: Planted trees and shrubs.



Plate 12: Artificial drainage in creek.



Plate 13: Track over creek.

Table 16: Vegetation condition recorded for the survey areas.

Vegetation condition	Total mapped areas in each survey area (ha)	Proportion of survey areas (%)
Very Good	0.7	2.5
Good	4	13.7
Degraded	11.9	40.6
Completely Degraded	11.3	38.5
Cleared	1.4	4.7

4.2.1.3 *Significant Vegetation*

No threatened or priority ecological communities listed at the Commonwealth or State level were recorded in the survey area.

The majority of vegetation in the survey area did not reflect pre-European vegetation, or vegetation that would be expected within habitats present, due to extensive historical clearing, and subsequent re-planting of much of the site, often with species not of local provenance and not representative of local pre-European vegetation. As such, there was low likelihood of significant vegetation occurring.

The buffer of the EPBC Act and BC Act listed TEC 'Communities of Tumulus Springs (Organic Mound Springs), Swan Coastal Plain' overlaps the survey area, however no landforms representative of this community were identified during the survey.

One small population of five *Eucalyptus gomphocephala* (Tuart) trees were identified on the south-western boundary of the survey area. Review of historical imagery indicates that the *E. gomphocephala* are likely to have been planted in the survey area. As the area they occupied was less than 0.5 ha they could not be considered part of the nationally protected 'Tuart (*Eucalyptus gomphocephala*) woodlands and forests of the Swan Coastal Plain' TEC and therefore no further patch assessment was required (Department of the Environment and Energy 2019). Vegetation in the survey area with *E. gomphocephala* are shown in Plate 14 and Plate 15.



Plate 14: Vegetation with *Eucalyptus gomphocephala* (Tuart).



Plate 15: *Eucalyptus gomphocephala* (Tuart).

No vegetation in the survey area was dominated by any of the *Banksia* species characteristic of the 'Banksia Woodlands of the Swan Coastal Plain ecological community' TEC (Department of the Environment and Energy 2016). *Banksia attenuata* was recorded from relevé NR01, however, its recorded cover of 3% was much lower than the 62% cover recorded from the upper stratum species at this site (*Eucalyptus todtiana, Corymbia calophylla* and *E. camaldulensis*) and it was therefore not a dominant in this planted community.

4.2.1.4 Wetland Evaluation

The preliminary wetland evaluation indicated that each of the three Conservation management category wetlands mapped in the survey area are correctly assigned the Conservation management category, as they met the criteria of:

- Criteria 2: 'The wetland is spatially dominated by vegetation in a Good or better condition using the vegetation condition scale provided and is identified as significant for its natural values under Bush Forever:
- Criteria 7a: 'The wetland is spatially dominated by vegetation in Good or better condition using the vegetation condition scale provided and ≤ 10% of wetlands of the same type are assigned Conservation management category within the Swan Coastal Plain (by area)'.
- Criteria 7b: ≤ 10% of all wetlands in the same consanguineous suite are assigned Conservation management category (by area).
- Criteria 7c: ≤ 10% of wetlands of the same type in its consanguineous suite are assigned Conservation management category (by area).

If Criteria 7a is met, then a wetland is automatically assigned Conservation management category. Incidentally, site assessment indicated that at least two of the three Conservation management category palusplains mapped in the survey area (UFI 8773 and 8910) may be better classified as 'creeks' due to landform characteristics (Plate 16 and Plate 17). If this were to be the case, they would no longer meet the criteria related to palusplains, (i.e. criteria 7a and 7c) however, given two other criteria are met it would not change the Conservation category allocation. Results of the preliminary wetland assessment are provided in Appendix J.

Vegetation type C1 represents the creek and wetlands observed in the survey area with permanent/ semi-permanent water and vegetation type C2 represents the riparian vegetation on the surrounding banks. Vegetation mapped as C1 and C2 in the survey area only broadly aligns with the wetlands identified in the Geomorphic Wetlands Mapping as Conservation management category (Department of Biodiversity, Conservation and Attractions 2017b). The Geomorphic Wetlands Mapping encompasses some areas not considered to be representative of wetland vegetation (e.g. mapped in the survey area as MPT, P1 and PC). Similarly, two additional areas were mapped as C1 and one additional area was mapped as C2 in areas identified in the Geomorphic Wetlands Mapping as Multiple Use wetlands. Vegetation type C1 was mapped over 3.1 ha (10.6%) of the survey area and vegetation type C2 was mapped over 1.2 ha (4.0%) of the survey area, however only 1.97 ha of these vegetation types occur within areas mapped as Conservation management category geomorphic wetlands in the survey area (Figure J.1, Appendix J).

Aside from the three additional areas mapped as C1 and C2, the parts of the survey area mapped as Multiple Use wetlands (associated with Ellen Brook floodplain) had typically been cleared and either replanted with a mix of tree and shrub species, or left unvegetated, and showed no indication of wetland function.



Plate 16: Riparian vegetation mapped as Conservation management category palusplain (UFI 8773).



Plate 17: Riparian vegetation mapped as Conservation management category palusplain (UFI 8910).

4.2.2 Flora

There were 81 confirmed vascular flora taxa (including introduced taxa), from 29 families and 67 genera recorded in the survey area. An additional five specimens were tentatively identified to species level but could not be confirmed without better material. A further six specimens, representing six genera, could only be identified to genus level. Two specimens across the survey area could only be identified to family level (Cyperaceae sp. and Fabaceae sp.). None of these specimens are suspected to represent significant species or weed species.

The dominant plant families were Myrtaceae and Poaceae (Table 17). *Eucalyptus* and *Melaleuca* were the most frequently recorded genera, with six and four species respectively. A species list for the survey area and a matrix indicating species recorded within each quadrat, relevé and mapping note is presented in Appendix K.

Table 17: Taxa most frequently recorded in the survey areas.

Family	Number of species
Myrtaceae	21
Poaceae	12
Asteraceae	6
Fabaceae	6
Cyperaceae	5
Genus	**Number of species**
Eucalyptus	6
Melaleuca	4
Bromus	2
Genus	**Number of species**
Calothamnus	2
Ehrhartia	2

4.2.2.1 *Significant Flora*

The assessment of significant flora was considered using the EPA Environmental Factor Guideline for Flora and Vegetation (Environmental Protection Authority 2016c). One State and Commonwealth listed threatened flora species was recorded within the survey area during the survey: *Grevillea curviloba* T (EPBC Act Endangered (EN), BC Act Endangered (EN)). Two occurrences of this species were recorded, at site NR03 and one opportunistic observation. Both records occur within vegetation type MPTS, characterised by a variety of native and planted species, making it unclear if these individuals are a result of planting efforts or occur naturally, although review of historical imagery suggests they were planted. As the survey area was not systematically searched, and the specimen identification was confirmed following the survey, there is potential that further *G. curviloba* T occur within vegetation type MPTS.

The locations and representative photos of significant flora recorded within the survey area are presented in Appendix L. A summary of the number of individuals and habitat for each significant flora record is presented in Table 18. Threatened and Priority Report Forms are provided in Appendix L.

The population extent of significant taxa was not mapped or quantified beyond the survey area during the survey.

Table 18: Significant flora recorded in the survey areas.

Species	Abundance within survey area	Habitat	Vegetation type/s
Grevillea curviloba T (EN, CR)	2	Grey sandy loam, planted shrubland.	MPTS

4.2.2.2 *Post-survey Likelihood of Occurrence of Significant Flora*

One of the 34 significant flora taxa returned from the database search results, was recorded during the survey. The remaining 33 significant flora taxa were considered unlikely to occur. Species were assessed as unlikely to occur due to one, or a combination of: a lack of suitable habitat within the survey area, the extent of historical clearing, or the ongoing grazing from native herbivores preventing establishment. In addition, many of the target species would have been easily distinguishable due to

size or flower timing during the survey, or found due to relatively high survey efforts. Although systematic targeted searches were not undertaken, and the survey did not necessarily cover the optimal survey timing for some species (such as *Drakaea elastica* T), it was unlikely that any further significant flora occurred in the survey area, but were not observed. The post-survey likelihood of occurrence ratings and justifications are presented in Table G.1 (Appendix G).

4.2.2.3 Introduced Flora

Thirty-nine weed species were recorded during the survey, representing approximately 48.1% of the total confirmed flora species recorded in the survey area. One species: **Rubus laudatus* (blackberry) is a WoNS (Australian Weeds Committee 2012). Three species: **Echium plantagineum* (Patterson's curse), **R. laudatus* (blackberry) and **Zantedeschia aethiopica* (arum lily) are declared pests in Western Australia under the BAM Act (Department of Agriculture and Food Western Australia 2021). All weed species are denoted in the species list in Table K.1, Appendix K. Locations and descriptions of declared weeds found in the survey area are presented in Table L.3 and Table L.3 (Appendix L).

4.3 Vertebrate Fauna Survey

4.3.1 Fauna Habitats

Five broad fauna habitats are described for the survey based on the fauna habitat assessment sites in Table M.1 (Appendix M). The fauna habitats are presented in Table 19 and mapped in Figure M.1 (Appendix M).

The landform across the survey area was generally flat and low-lying in the landscape. The creek line and other damp land depressions present within the survey area provided seasonal surface water and often dense fringing vegetation. Soils were mostly sandy loam with a higher clay content near wetland areas, typical of the SCP. Most of the survey area has been previously cleared. A proportion of the cleared and partially cleared areas have been planted with mixed tree and shrub species. Other disturbances occur throughout with weeds and rubbish common.

Table 19: Fauna habitats in the survey area.

Habitat code	Habitat type	Extent in survey area (proportion)	Habitat description	Habitat condition	Habitat assessments	Microhabitats and suitability for significant fauna species.	Disturbance	Representative photos
CLD	Cleared	12.6 ha (43.1%)	Area cleared of vegetation and dominated by a variety of weedy tussock grasses. Sandy loam soils. Includes tracks and infrastructure.	Highly Degraded (<0.2)	HA_01, 07	Soft soil (burrows) Not suitable for any significant fauna species.	Weeds, clearing, roads, rubbish	
MXT	Mixed planted trees	9.0 ha (30.8%)	Areas previously cleared followed by planted trees consisting of introduced *Eucalyptus* sp. over very open understory of tussock grasses consisting of weeds with scattered shrubs. Mostly open woodland with few dense thickets. Sandy loam to clay loam substrate.	Disturbed (0.4) to Highly degraded (0.2)	HA_03, 06, 08, 09, 10	Logs, soft soil (burrows), leaf litter Low to moderate suitability for roosting and foraging Carnaby's Cockatoo and Forest Red-tailed Black Cockatoo.	Weeds, clearing	
WLD	Wetland and fringing vegetation	4.3 ha (14.6%)	Ephemeral minor drainage line with emergent sedgeland including *Typha* sp., and dampland areas are in the north-east and southern part of the survey area. Fringing vegetation consists of Flooded Gum *(Eucalyptus rudis)* and *Melaleuca preissiana* and *M. rhaphiophylla* over tall open shrubland. Substate consists of sandy loam clay to heavy clay.	Good (0.6)	HA_04, 05, 12	Logs, crevices, thick undergrowth, soft soil (burrows), semi-permanent water, leaf litter Thick undergrowth suitable for Quenda (*Isoodon fusciventer*) (P4) refuge. Low suitability for roosting and foraging Carnaby's Cockatoo (*Zanda latirostris*) (EN; EN) and Forest Red-tailed Black Cockatoo (*Calyptorhynchus banksii naso*) (VU; VU).	Weeds, clearing	
SHB	Shrubland and open woodland	2.1 ha (7.1%)	Open woodland consisting of native and non-native planted trees, including Pricklybark (*Eucalyptus todtiana*), Marri, River Gum (*E. camaldulensis*), Tuart (*E. gomphocephala*), *Melaleuca preissiana and Banksia attenuata,* over mixed shrubland including *Kunzea, Acacia* and *Calothamnus* species. A ground cover of weedy tussock grasses on sandy loam soils.	Good (0.6)	HA_11, 13	Logs, crevices, thick undergrowth, soft soil (burrows), leaf litter. Moderate suitability for foraging Carnaby's Cockatoo and Forest Red-tailed Black Cockatoo. Thick undergrowth suitable for Quenda refuge.	Weeds, clearing	

Habitat code	Habitat type	Extent in survey area (proportion)	Habitat description	Habitat condition	Habitat assessments	Microhabitats and suitability for significant fauna species.	Disturbance	Representative photos
EUF	Eucalypt Forest	1.3 ha (4.4%)	Small patches of Marri (*Corymbia calophylla*) woodland to closed forest over an understory of tussock grassland consisting of weeds on sandy clay loam soils.	Disturbed (0.4)	HA_02	Hollows, logs, soft soil (burrows), leaf litter Highly suitable for foraging, and moderately suitable for roosting Carnaby's Cockatoo and Forest Red-tailed Black Cockatoo.	Weeds, clearing	

4.3.2 Vertebrate Fauna Species

Thirty-six fauna species were recorded during the survey, including one amphibian, one reptile species, 30 bird species and four mammal species (Table 20). Three significant species were recorded including, Carnaby's Cockatoo, Forest Red-tailed Black Cockatoo and Quenda. Three introduced species were recorded including Red Fox (**Vulpes vulpes*), Rabbit (**Oryctolagus cuniculus*) and Laughing Kookaburra (**Dacelo novaeguineae*). These species were identified either by sight or indirect evidence, such as calls, scats, tracks, diggings or feeding debris.

Table 20: Vertebrate fauna species recorded during the field survey. * denotes introduced species.

Group Common Name	Scientific Name (Conservation Status)
Amphibians	
Clicking Frog	*Crinia glauerti*
Reptiles	
Buchanan's snake-eyed skink	*Cryptoblepharus buchananii*
Birds	
Yellow-billed Spoonbill	*Platalea flavipes*
Australian White Ibis	*Threskiornis moluccus*
White-faced Heron	*Egretta novaehollandiae*
Common Bronzewing	*Phaps chalcoptera*
Laughing Kookaburra	**Dacelo novaeguineae*
Rainbow Bee-eater	*Merops ornatus*
Australian Kestrel (Nankeen Kestrel)	*Falco cenchroides*
Little Corella	*Cacatua sanguinea*
Forest Red-tailed Black Cockatoo	*Calyptorhynchus banksii naso* (VU, VU)
Carnaby's Cockatoo	*Zanda latirostris* (EN, EN)
Australian Ringneck	*Barnardius zonarius*
Splendid Fairy-wren	*Malurus splendens*
Red Wattlebird	*Anthochaera carunculata*
Singing Honeyeater	*Gavicalis virescens*
Brown Honeyeater	*Lichmera indistincta*
Western Gerygone	*Gerygone fusca*
Weebill	*Smicrornis brevirostris*
Black-faced Woodswallow	*Artamus cinereus*
Grey Butcherbird	*Cracticus torquatus*
Australian Magpie	*Gymnorhina tibicen*
Black-faced Cuckoo-shrike	*Coracina novaehollandiae*
Rufous Whistler	*Pachycephala rufiventris*
Grey Fantail	*Rhipidura albiscapa*
Willie Wagtail	*Rhipidura leucophrys*
Magpie-lark	*Grallina cyanoleuca*
Australian Raven	*Corvus coronoides*
Welcome Swallow	*Hirundo neoxena*

Group Common Name	Scientific Name (Conservation Status)
Rufous Songlark	*Cincloramphus mathewsi*
Silvereye	*Zosterops lateralis*
Australian Pipit	*Anthus novaeseelandiae*
Mammals	
Quenda	*Isoodon fusciventer* (P4)
Western Grey Kangaroo	*Macropus fuliginosus melanops*
Rabbit	**Oryctolagus cuniculus*
Red Fox	**Vulpes vulpes*

4.3.3 Significant Species Recorded

Twenty-seven significant vertebrate fauna species were detailed as potentially occurring within the survey area, of which three species were recorded. Significant fauna species recorded during the survey are displayed in Figure N.1 (Appendix N) and fauna report forms are provided in Appendix N.

Carnaby's Cockatoo (*Zanda latirostris*) (EN; EN)

Carnaby's Cockatoo occurs in eucalypt woodlands and forest, and in shrubland or kwongan heathland dominated by *Hakea*, *Banksia* and *Grevillea* species in the south-west of Western Australia (Johnstone and Storr 1998). This species commonly feed on seeds, flowers and nectar of native proteaceous plant species, eucalypts and *Callistemon* species. On the SCP, Carnaby's Cockatoo most important food resource is *Banksia* species (predominantly *B. attenuata, B. menziesii* and *B. sessilis*) (Saunders 1980; Groom et al. 2014). Breeding is becoming more common in the western part of their range due to the extensive clearing in the wheatbelt. Numerous breeding records have been documented in the Jarrah-Marri forests of the Darling Scarp and the Tuart forests of the SCP, including several small resident populations on the northern SCP at Boonanarring, Mooliabeenee and Yanchep National Park. At each of these sites the birds forage in remnant bushland and in adjacent pine plantations (Johnstone and Storr 1998).

Twenty-eight records were detailed on the DBCA Threatened and Priority database search result, most recently in 2018, with the nearest record approximately 1 km from the survey area. No roosting or breeding sites were identified in the database search (Department of Biodiversity, Conservation and Attractions 2024c).

Five records of Carnaby's Cockatoo foraging debris were identified during the survey (Table O.1, Appendix O). These records are expanded upon in the black cockatoo habitat assessment section, 4.3.5.

Forest Red-tailed Black Cockatoo (*Calyptorhynchus banksii naso*) (VU; VU)

The Forest Red-tailed Black Cockatoo is endemic to the south-west of Western Australia. It is most commonly found in the Jarrah-Marri forest of the northern Darling Scarp, and is also locally common throughout the lower south-west (Johnstone and Storr 1998; Garnett et al. 2011). Its primary food source consists of Marri and Jarrah seeds. Other foraging sources include seeds of Blackbutt (*E. patens*), Karri (*E. diversicolor*), Mountain Marri (*C. haematoxylon*) fruits, and Snottygobble (*Persoonia longifolia*) and often *Allocasuarina* cones (Department of Agriculture, Water and the Environment 2022). This species is also now seen feeding in more open agricultural areas and urban areas on the SCP where it is known to breed (Lee et al. 2013; Chapman 2007). The Forest Red-tailed Black Cockatoo typically breed in large Marri trees. Their nests are located in deep hollows at an average height of

14.5 m (Johnstone et al. 2013). Nesting has also been documented in large Jarrah, Blackbutt, Bullich (*Eucalyptus megacarpa*) and Wandoo trees.

Seven records were detailed on the DBCA threatened and priority database search result, most recently in 2018, with the nearest record approximately 3.5 km from the survey area. No roosting or breeding sites were identified in the database search (Department of Biodiversity, Conservation and Attractions 2024c).

During the field survey, one Forest Red-tailed Black Cockatoo was heard calling in the south-west part of the survey area, and 19 foraging records were identified (Table O.1, Appendix O). These records are expanded upon in the black cockatoo habitat assessment section, 4.3.5.

Quenda (*Isoodon fusciventer*) (P4)

Quenda are locally common within a fragmented distribution in south-western Western Australia. They prefer dense, scrubby, often swampy vegetation with cover up to 1 m high, and frequently feed in adjacent forests and woodlands that are regularly burnt. Their presence is easily detected by their distinctive foraging diggings, mainly in the leaf litter and soil, to find insects, fungi, and plant matter. (Department of Environment and Conservation 2012).

Fourteen records were detailed on the DBCA threatened and priority database search result (Department of Biodiversity, Conservation and Attractions 2024c). Records are either from nearby bushland, vegetated creek lines and a few within suburban Bullsbrook in proximity to bushland patches.

Approximately one hundred diggings or foraging holes were located near the south-west corner of the survey area. This is an area with dense shrubby undergrowth and soft soils within a dampland patch within the WLD habitat. The dense undergrowth of the SHD and WLD habitat types provide foraging and shelter resources, and the WLD may provide a medium for dispersal. All other habitats generally have an open understory and are not considered a suitable refuge for this species.

4.3.4 Significant Species Possibly Occurring

Of the remaining 24 significant vertebrate species not recorded in the survey area, no species were considered to have a high likelihood of occurrence, one species was considered to have a moderate likelihood of occurrence, and 23 species were considered to have a low likelihood of occurrence.

4.3.4.1 Moderate Likelihood of Occurrence

Peregrine Falcon (*Falco peregrinus*) (OS)

The Peregrine Falcon occurs throughout Australia and in most habitat types, with the exception of treeless and waterless desert, and dense forests (Birdlife Australia 2012). This species utilises ledges, cliff faces, and large hollows/broken spouts of trees for nesting. It also occasionally uses the abandoned nests of other birds of prey (Johnstone and Storr 1998).

One record from 2004 was detailed in the DBCA threatened and priority search 4 km from the survey area (Department of Biodiversity, Conservation and Attractions 2024c). This species may utilise tall trees in the survey area for hunting. A few large trees occur in the EUF, WLD and MXT habitats. Breeding habitat is limited with the absence of nearby cliffs and rocky ledges. This species is highly mobile and may utilise the survey area for feeding, therefore a moderate likelihood of occurrence is expected.

4.3.4.2 Low Likelihood of Occurrence

Twenty-three species were considered to have a low post-survey likelihood of occurrence due primarily to a lack of suitable habitats and/or recent records (Table G.2, Appendix G). Most of the species with a low likelihood are either locally extinct (e.g. Australian Bittern (*Botaurus poiciloptilus)* (EN, EN), Malleefowl (*Leipoa ocellata)* (VU, VU), Bilby (*Macrotis lagotis*), species that are unlikely to occur due to the extent of disturbance in the local region (e.g. Chuditch (*Dasyurus geoffroii*) (VU, VU), South-western Brush-tailed Phascogale (*Phascogale tapoatafa wambenger*) (BC Act: CD), Western Brush Wallaby (*Notamacropus irma*) (DBCA: P4), Water Rat (*Hydromys chrysogaster*) (DBCA: P4), species limited to certain locations (e.g. Western Swamp Tortoise (*Pseudemydura umbrina*) (CR, CR)), vagrants (e.g. Grey Wagtail (*Motacilla cinerea*) (MI, MI)), or species that require specific habitat that was not present in the survey area (e.g. migratory wading birds, seabirds).

One Baudin's Cockatoo (*Zanda baudinii*) record was identified in the literature review, although the approximate location is unknown (previous report survey area occurs 1 km east to 35 km north), and the database search did not return results for this species. According to the Protected Matters distribution map, the northern edge of the Baudin's Cockatoo distribution occurs approximately 9 km south, near Ellenbrook. Therefore, Baudin's Cockatoo was allocated a low likelihood of occurrence and has been omitted from the black cockatoo habitat assessment below.

4.3.5 Black Cockatoo Habitat Assessment

4.3.5.1 Foraging Habitat

Foraging evidence for Carnaby's Cockatoo and Forest Red-tailed Black Cockatoo were recorded in the survey area. Five foraging records for Carnaby's Cockatoo were documented, with four on chewed Marri (*Corymbia calophylla*) fruit and one on Pricklybark (*Eucalyptus todtiana*) fruit (Table O.1, Appendix O). Carnaby's Cockatoo foraging evidence was recorded in the south-western corner of the survey area where trees were generally larger and denser within the EUF and WLD habitats.

Nineteen foraging records for Forest Red-tailed Black Cockatoo were recorded, with 16 on Marri fruit, and three on Pricklybark. Foraging evidence occurred across most of the survey area apart from the northern and eastern fringes. Most commonly found within EUF, WLD and MXT habitats.

Habitat Quality Score for Black Cockatoos

1. Site Condition

Data from the 13 fauna habitat assessments, along with five quadrats and 10 relevés collected during the fauna, flora and vegetation survey, were used to evaluate the Site Condition scores. Site Condition values across the survey area varied, mostly dependant on the projected foliage cover of relevant foraging plants.

Foraging species proportions or foliage cover for Carnaby's Cockatoo and Forest Red-tailed Black Cockatoo separated by fauna habitat types, ranged from 62.5% (EUF) to 0.0% (CLD). An average foraging species proportion across the survey area resulted with an average of 7.9% for Carnaby's Cockatoo and 4.9% for Forest Red-tailed Black Cockatoo. The projected foliage cover of foraging vegetation across the survey area is calculated based on the area (ha) of each habitat type, rather than assigning an equal value to each habitat type. The tree deaths across the survey area were negligible. Of the 38 trees recorded during the black cockatoo breeding assessment, all were classed as alive. There were a few tree deaths in one small area in the south-east corner (HA_10, Table M.1, Appendix M). However, this is not considered significant when compared to the overall survey area. Dieback (*Phytophthora cinnamomi*) was not observed throughout the site. Site Condition values for each

habitat type is shown in Table 21 for Carnaby's Cockatoo and Table 22 for Forest Red-tailed Black Cockatoo.

2. Site Context

Foraging resources are common in the local region, with large areas of intact, continuous SCP bushland located approximately 1 km west. This bushland extends at least 10 km further west and approximately 40 km north-west. To the east, large remnant patches occur but the landscape is more fragmented, and interspersed with cleared lands for agriculture, lifestyle properties and townships. The nearest large bushland remnant in this direction is approximately 3.5 km. In direct proximity to the survey area, as well as the areas to the north and south, the landscape is predominately cleared for agriculture and infrastructure, with only small bushland remnants remaining.

Four DBCA legislated lands (Table 6) and 11 Bush Forever sites (Table 7) occur within 5 km of the survey area. Water sources are found within the creek line and drainage areas in survey area. Four recognised geomorphic wetlands of the SCP are identified within the survey area (Table 2). Other water sources include dams and stock water troughs in the nearby agricultural areas.

No black cockatoo breeding or roosting sites have been confirmed within 5 km of the survey area. However, Carnaby's Cockatoo and Forest Red-tailed Black Cockatoo are known to frequent the local region with previous records identified in the desktop assessment and several foraging observations recorded during the field survey.

Both black cockatoo species received a Site Context score of zero across the survey area. Although foraging resources are present nearby, the average site condition for both species recorded a value of two. This assessment is based on the guideline that if the site condition score falls between zero and two, a site context score of zero is assigned.

3. Species Stocking Rate

Species stocking rate refers to the usage and/or density of a species at a particular site. This description implies that a site supports a discrete population, which is typically considered unlikely in the case of very mobile species, such as Carnaby's Cockatoo and Forest Red-tailed Black Cockatoo. As EUF site condition scores for both species are moderate-high, coupled with foraging evidence, the stocking rate for this habitat is considered '1'. As the remaining habitat site conditions are considered low, the species stocking rates for both species is considered '0'.

The Carnaby's Cockatoo and Forest Red-tailed Black Cockatoo Habitat Quality Scores (HQSs) are presented in Table 21 and Table 22, and displayed in Figures O.1 and O.2 (Appendix O). Each habitat type is assessed separately, and the survey area is allocated a total HQS based on the average projected foliage cover of relevant foraging plants, tree deaths (Site Condition) and Site Context values.

Table 21: Foraging habitat scoring values for Carnaby's Cockatoo.

Habitat code	Fauna habitat	Survey area cover	Relevant foraging plants	Sites	Projected foliage cover of relevant foraging plants	Tree deaths	Evidence of Dieback	Habitat condition	Site Condition (0 - 7)	Site Context (0 - 3)	Total score
WLD	Wetland and Fringing Vegetation	14.6%	*Corymbia calophylla*	NQ02, NQ04 NQ06, NR02 NR12, NR14 NR16, NQ01 NQ03, NQ05, HA04, HA05, HA12,	6.5%	<5.0%	No	Good (0.6)	2	[1]0	2
EUF	Eucalypt Forest	4.4%	*Corymbia calophylla*	NR04, NR05, HA02	62.5%	<5.0%	No	Disturbed (0.4)	7	3	10
MXT	Mixed Planted Trees	30.8%	*Eucalyptus todtiana, Agonis flexuosa, Corymbia calophylla, Acacia saligna*	NR06, NR08, NR10, HA06, HA08, HA09, HA10	9.5%	<5.0%	No	Disturbed (0.4) to highly degraded (0.2)	2	[1]0	2
SHB	Shrubland and Open Woodland	7.1%	*Eucalyptus todtiana, Corymbia calophylla, Banksia attenuata, Acacia saligna*	NR01, NR03, HA03, HA11, HA13	18.0%	<5.0%	No	Good (0.6)	3	3	6
CLD	Cleared	43.1%	None	HA01, HA07	0%	N/A	No	Highly Degraded (<0.2)	0	[1]0	0
Total (average) Score					7.9%	<5.0%	No	-	2	[1]0	2

[1]Site Condition - offset value is <3, therefore, Site Context has a value of 0.

Table 22: Foraging habitat scoring values for Forest Red-tailed Black Cockatoo.

Fauna habitat code	Fauna habitat/ vegetation type	Survey area cover	Relevant foraging plants	Flora quadrats	Projected foliage cover of relevant foraging plants	Tree deaths	Evidence of Dieback	Habitat condition	Site Condition (0 - 7)	Site Context (0 - 3)	Total score
WLD	Wetland and Fringing Vegetation	14.6%	*Corymbia calophylla*	NQ02, NQ04 NQ06, NR02 NR12, NR14 NR16, NQ01 NQ03, NQ05, HA04, HA05, HA12,	6.5%	<5.0%	No	Good (0.6)	3	3	6
EUF	Eucalypt Forest	4.4%	*Corymbia calophylla*	NR04, NR05, HA02	62.5%	<5.0%	No	Disturbed (0.4)	7	3	10
MXT	Mixed Planted Trees	30.8%	*Corymbia calophylla*	NR06, NR08, NR10, HA06, HA08, HA09, HA10	2.3%	<5.0%	No	Disturbed (0.4) to highly degraded (0.2)	2	[1]0	2
SHB	Shrubland and Open Woodland	7.1%	*Corymbia calophylla*	NR01, NR03, HA03, HA11, HA13	8.0%	<5.0%	No	Good (0.6)	3	3	6
CLD	Cleared	43.1%	None	HA01, HA07	0.0%	N/A	No	Highly Degraded (<0.2)	0	[1]0	0
Total (average) Score					4.9%	<5.0%	No	-	2	[1]0	2

[1]Site Condition - offset value is <3, therefore, Site Context has a value of 0.

4.3.5.2 Breeding Habitat

The survey area contained 38 trees that met the minimum DBH criteria for classification as potential breeding trees, with a density of 1.3 trees per hectare. Using the Main Roads black cockatoo criteria for assessing potential nest hollows (Main Roads Western Australia 2023), the initial ground assessment (or pre-hollow inspection - unconfirmed) identified 37 trees as Category 7 (suitable DBH tree without hollows) and one Category 6 (suitable DBH tree with unsuitable hollows (confirmed) (Table P.1 and Figure P.1, Appendix P) (Table 23). The Category 6 tree (TR_38; Table P.1, Appendix P) was assessed as having a hollow entrance less than 10 cm and therefore unsuitable for nesting black cockatoos.

Three known tree species were recorded: Marri (17 trees), Flooded Gum (*Eucalyptus rudis*) (14 trees) and Tuart (*E. gomphocephala*) (two trees) (Table 23). Five non-native trees that had previously been planted were unable to be identified, consisting of white gum eucalypts. All recorded trees were alive.

Table 23: Tree categories according to the Main Roads Western Australia scoring tool for breeding suitability by tree species for the survey area (Main Roads Western Australia 2023). The numbers of alive and dead trees are not included in the total column.

Tree category	Marri (*Corymbia calophylla*)	Flooded Gum (*Eucalyptus rudis*)	Tuart (*Eucalyptus gomphocephala*)	Introduced *Eucalyptus* sp.	Total	Alive	Dead
6	1	0	0	0	1	1	0
7	16	14	2	5	37	37	0
Total	17	14	2	5	38	38	0

The spatial distribution of trees revealed a higher density through the south-western part of the survey area, predominantly concentrated in the WLD and EUF habitats. The remainder of the survey area featured a scattered spread of recorded trees (Figure P.1, Appendix P). The DBH of trees ranged from 50 cm to 100 cm, with 87% of trees measuring between 50 cm to 60 cm.

4.3.5.3 Roosting Habitat

The survey area contains limited suitable roosting habitats, with the most promising locations found within the EUF and WLD habitats, where trees are generally taller and denser. Despite limited suitable roosting habitat, the seasonal presence of water within the survey area may make the WLD habitat more attractive as a potential roosting habitat. During the breeding tree survey, recorded tree heights ranged from 6 m to 12 m, with an average height of 9.2 m. No evidence of concentrated droppings or feathers was observed during the survey.

5 Discussion

5.1 Vegetation and Flora

The survey area is characterised by clayey to sandy alluvial soils with a combination of remnant riparian areas, cleared areas and abandoned infrastructure.

Six vegetation types were described and mapped. Vegetated areas comprised 27.9 ha (95.6%) of the survey area. Remnant vegetation (vegetation types C1, C2 and P1) was associated with the riparian areas and patches of marri. It comprised 5.6 ha (19%) and varied from Good to Very Good condition. A total of 11.1 ha (37.9%) was planted vegetation (vegetation types MPT and MPTS) comprising shrubs and or trees. Although the planted vegetation was mature it did not reflect the vegetation that would naturally occur in the area. A total of 11.2 ha (38.4%) was open paddock-like vegetation in Completely Degraded condition (vegetation type PC) where native vegetation had been removed. The remaining 1.4 ha (4.7%) area was mapped as Cleared, where no vegetation was present due to tracks, maintained firebreaks and abandoned infrastructure.

None of the vegetation present within the survey area represents a TEC or PEC. The survey area occurs within the buffer for the EPBC Act and BC Act listed TEC 'Communities of Tumulus Springs (Organic Mound Springs, Swan Coastal Plain'. This community is known from four locations to the north and west of the survey area (Department of Conservation and Land Management 2006). It is characterised by the formation of peat mounds around a permanent water source and supports a number of flora species typical of wetlands and riparian zones in the area. Although several of these species occurred in the survey area around the creek, no tumulus peat mounds were observed. Likewise, the 'Banksia Woodlands of the Swan Coastal Plain ecological community' EPBC Act and BC Act TEC was listed in the PMST as likely to occur within the survey area. No remnant diagnostic Banksia species were recorded in the survey area. A small patch of *Eucalyptus gomphocephala* (Tuart) was observed in the south-western corner of the survey area. As they occupied an area of less than 0.5 ha and the vegetation was of Poor condition they could not be considered part of the 'Tuart (*Eucalyptus gomphocephala*) woodlands and forests of the Swan Coastal Plain' EPBC Act and BC Act listed TEC (Department of the Environment and Energy 2019).

Vegetation clearing, weed infestation and grazing were the primary disturbances noted and contributed to the lower condition ratings across the survey area.

The survey area features a creek line that runs through the south-west portion, vegetation in these areas was the most intact within the survey area and was dominated by Melaleuca species with *Eucalyptus rudis* subsp. *rudis*, *E. todtiana* and *Corymbia calophylla* interspersed. Wetland areas were represented by vegetation types C1 and C2, with a combined area of 4.3 ha (14.6%) of the survey area.

Results of the preliminary wetland assessment indicated that the assigned Conservation management category is appropriate for the three wetlands mapped in the survey area, as they meet two of the preliminary evaluation criteria (criteria 2 and 7) (Department of Biodiversity, Conservation and Attractions 2017b). Three sub-criteria are met in criteria 7, including 'the wetland is spatially dominated by vegetation in a good or better condition and ≤ 10% of wetlands of the same type are assigned Conservation management category within the Swan Coastal Plain (by area)' - (there are 3.8% of palusplain wetlands categorised as Conservation category on the Swan Coastal Plain); wetlands are automatically assigned Conservation category when they meet this condition (Department of Biodiversity, Conservation and Attractions 2017b). Given that at least two of the palusplain wetlands in the survey area (UFI 8773 and 8910) had a linear orientation, flowing water in a channel and were part of a broader creek system there is reason to suggest that they may be better described as 'creeks'. According to Department of Biodiversity, Conservation and Attractions (2017b)

a creek is defined as having seasonal inundation and a channel, whereas a palusplain is a flat that experiences seasonal waterlogging. Given the disturbances within and surrounding the survey area, including altered drainage and bisection from tracks and large roads, there is some difficulty in interpreting the natural and current state of the riparian areas, however examination of aerial imagery indicates that the flowline in the survey area is connected to a broader creek system that ultimately connects with the Swan River. Despite the questionable wetland categorisation, all three mapped Conservation management category geomorphic wetlands in the survey area meet other preliminary criteria and would therefore still be considered as Conservation management category.

The Geomorphic Wetland Mapping does not directly align with the landforms and vegetation types observed in the survey area. As such, 3.1 ha of vegetation type C1 and 1.2 ha of vegetation type C2 was mapped in riparian and wetland parts of the survey area, compared to 3.5 ha mapped as Conservation category wetland by Department of Biodiversity, Conservation and Attractions (2017b). However, the total mapped area of C1 also included two riparian or wetland occurrences that were mapped as Multiple Use wetlands in the Geomorphic Wetlands Mapping. Likewise, the total mapped area of vegetation type C2 also included one riparian occurrence that was mapped as a Multiple Use wetland in the Geomorphic Wetlands Mapping. These areas were therefore not included in the evaluation. As such, 1.97 ha of vegetation types C1 and C2 align with the Geomorphic Wetland Mapping and are considered to be Conservation management category wetlands in the survey area. The remaining 1.53 ha mapped as Conservation management category wetlands in the survey area (Department of Biodiversity, Conservation and Attractions 2017b) has been cleared of remnant vegetation and is Degraded or Completely Degraded in condition; as such these areas do not reflect a Conservation category wetland.

Seasonal conditions for the survey area were considered average. One threatened species, *Grevillea curviloba* T (EN, CR), was recorded at two locations in the southern portion of the survey area, with two individuals in total. The survey area does exist within the current distribution range for *G. curviloba* T, however both records occurred within the MPTS vegetation type, characterised by a mix of planted and remnant trees and shrubs. As *G. curviloba* T is cultivated and commercially available it is unclear whether the individuals were planted or naturally occurred within the survey area, however, based on aerial imagery interpretation it is assumed that it was most likely planted. Following the survey, and considering the landforms, vegetation, growth habits of the target species, relatively intense survey effort and multiple disturbances present, no other significant flora species were considered likely to occur in the survey area and were not observed during the survey. The reduction in likelihood of occurrence is related to the high level of clearing and degradation, including weed proliferation and grazing throughout the survey area, which reduced potential habitat and vegetation integrity.

Of the 39 introduced weed species recorded within the survey area , one species; **Rubus laudatus* (Blackberry) is listed as a WoNS and three species, **Echium plantagineum* (Patterson's curse), **R. laudatus* (blackberry) and **Zantedeschia aethiopica* (arum lily) are declared pest species in Western Australia under the BAM Act (Department of Agriculture and Food Western Australia 2007, Australian Weeds Committee 2012). Evidence of **R. laudatus* control was noted throughout its occurrence, with many dead individuals observed. Live **R. laudatus* were recorded at two locations, although it is likely that more may also occur. The number of **Z. aethiopica* recorded is likely to be an underestimate as many juveniles were noted which were difficult to detect in the thicker understorey.

5.2 Fauna

Five fauna habitat types occur in the survey area in decreasing order of extent; Cleared (CLD), Mixed Planted Trees (MXT), Wetland and Fringing Vegetation (WLD), Shrubland and Open Woodland (SHB) and Eucalypt Forest (EUF). These habitats ranged from Good to Highly Degraded condition. The most

naturally retained areas in the survey area, located in the southern section, provide the highest value to fauna species. This is represented by EUF, WLD and SHD fauna habitats, which feature dense undergrowth, large trees and a freshwater source, offering resources for foraging, breeding and refuge to fauna species. The highly degraded areas, predominately in the northern and eastern parts, have undergone extensive clearing for agriculture, and are represented by MXT and CLD habitats. Previous efforts to rehabilitate some of the cleared areas involved planting predominately introduced eucalypts, which have since matured and now define the MXT habitat.

The surrounding areas and the broader local region have undergone extensive habitat clearing, resulting in the fragmentation of bushland across the landscape. The impacts of habitat fragmentation and degradation are evident, as they inhibit fauna movement, reduce available refuges, and lead to a decline in fauna richness. The survey area is expected to exhibit significantly lower fauna richness compared to largely undisturbed bushland areas to the west and north-west. Additionally, the expected occurrence of introduced predators, such as foxes and feral cats, is expected to further reduce the species richness and abundance of native fauna. Significant species, including the Chuditch, South-western Brush-tailed Phascogale and Western Brush Wallaby, are highly susceptible to predation by these invasive species and are therefore unlikely to be present in the survey area.

Primary and/or secondary evidence of significant species; Carnaby's Cockatoo, Forest Red-tailed Black Cockatoo and Quenda were recorded during the survey. Evidence of extensive foraging holes in the dense, damp undergrowth of the WLD habitat confirm the presence of Quenda. Suitable habitat is found in areas with dense undergrowth and in close proximity to it, including WLD, SHB, and EUF habitats. However, due to the limited size of suitable habitats, frequent disturbances, and their isolation from larger bushland areas, the survey area is likely to support only a small population.

The SCP is an important foraging area for Carnaby's Cockatoo, particularly in the non-breeding season when birds migrate from the inland breeding areas toward the coast (Department of Agriculture, Water and the Environment 2022). While the Forest Red-tailed Black Cockatoo is most commonly found in the Jarrah-Marri forest of the northern Darling Scarp, this species is also now seen feeding in more open agricultural areas and urban areas on the SCP where it is known to breed (Lee et al. 2013; Chapman 2007).

The black cockatoo habitat assessment considered the foraging, breeding, and roosting values within the survey area. Baudin's Cockatoo was considered to have a low post-survey likelihood of occurrence; therefore, it was omitted from the assessment.

Evidence of foraging by Carnaby's Cockatoo and Forest Red-tailed Black Cockatoo was most prominent in areas where Marri trees occurred. The dense cover of Marri within the EUF habitat led to it being assigned a maximum HQS of 10 for both black cockatoo species. This habitat type covers only 1.3 ha, representing just 4.4% of the total survey area. The SHB habitat provide a moderate HQS of 6 for Carnaby's Cockatoo, supported by the presence of a variety of species, including favoured *Banksia* sp. The occurrence of Marri within the SHB and WLD habitats resulted in a HQS of six for the Forest Red-tailed Black Cockatoo. In contrast, the WLD (HQS 2), MPT (HQS 2), and CLD (HQS 0) habitats offered minimal foraging value for Carnaby's Cockatoo. For the Forest Red-tailed Black Cockatoo, the MPT (HQS 2) and CLD (HQS 0) habitats were also assessed as providing poor foraging value. Overall, the survey area provides limited foraging habitat, with an average Habitat Quality Score (HQS) of two for both Carnaby's Cockatoo and Forest Red-tailed Black Cockatoo.

Foraging habitat is limited within and in proximity to the survey area due to the predominately cleared lands for agriculture. The nearest expanse of bushland is approximately 1 km to the west, likely providing suitable foraging habitat. Bushland to the east is more fragmented, which appears to consist of a mix of intact bushland, large lifestyle properties, and scattered trees within agricultural areas.

The black cockatoo breeding tree assessment identified 38 trees meeting the minimum DBH criteria, consisting of 37 Category 7 trees and one Category 6 tree. The overall tree density across the survey area is 1.3 trees per hectare. Nineteen trees were recorded as either Marri (17) or Tuart (two). Both tree species are an important nesting resource for black cockatoos, providing breeding hollows for Carnaby's Cockatoo and Forest Red-tailed Black Cockatoo (Johnstone et al. 2013). Marri are predominantly found on the Darling Scarp but also extend to the SCP, whereas Tuart trees solely occur on the SCP. Flooded Gum trees are not considered a primary nesting tree for black cockatoos (Johnstone et al. 2013). Flooded Gum trees within the survey area lacked key characteristics for hollow formation. Similarly, the introduced *Eucalyptus* sp. present lacked the structural attributes necessary to develop suitable black cockatoo hollows. During the field survey, 19 trees were recorded as either Flooded Gum (14) or Introduced *Eucalyptus* sp. (five). Therefore, 50% of the recorded trees are unlikely to form suitable breeding hollows for black cockatoos in the future. The survey area is unlikely to support black cockatoo breeding due to the scarcity of large eucalypt trees and absence of breeding hollows. Additionally, no nearby breeding sites were detailed in the desktop assessment.

No confirmed black cockatoo roosting sites were confirmed in the desktop assessment. Within the survey area, roosting habitat is limited due to the scarcity of large trees and insufficient foraging resources in the immediate vicinity. While the EUF and WLD habitats may offer some roosting opportunities, higher-quality roosting habitat is available outside the survey area.

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Appendix A: Geology and Soils, Physiographic Values, Land Systems and Pre-European and Heddle Vegetation of the Survey Area

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Survey Area

QUATERNARY

Qag
Qdcb
Qim

CENOZOIC

Czl
Czs

CRETACEOUS

Ksco
Ksbu

ARCHEAN

Ag
Ays
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Main Roads Western Australia

Lot 156 Neaves Road Bullsbrook - Biological and Targeted Black Cockatoo Survey, October 2024

Figure A.1: Geology and soils

Scale: 1:50,000 at A3

Coordinate System: GDA2020 MGA Zone 50

0 1 2 3 Kilometres

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Bullsbrook Nature Reserve 292

Cullindene Nature Reserve

Neaves Road Nature Reserve

Gnangara-Moore River State Forest 399

Survey Area

Study Area (5Km Buffer)

Bush Forever Sites

Geomorphic Wetlands - Swan Coastal Plain

Conservation

Multiple Use

Resource Enhancement

Dept of Biodiversity, Conservation and Attractions

Legislated Lands and Waters

Main Roads Western Australia

Lot 156 Neaves Road Bullsbrook - Biological and Targeted Black Cockatoo Survey, October 2024

Figure A.2: Physiographic Values of the Study Area

Scale: 1:40,000 at A3

Coordinate System: GDA2020 MGA Zone 50

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Author: J. Atkinson | Drawn: C. Dyde | Date: 28-04-2025 | Figure Ref: 8600-004-24-BIDR-1RevB_250428_FigA2_Physio

Table A.1 Geomorphic Wetlands within and surrounding (5 km radius) the survey area.

Unique Feature Identifier (UFI)	Wetland name	Landform	Wetland type	Conservation Category	Distance from survey area (m)
8909	unknown	Flat	Palusplain	Conservation	0
8773	unknown	Flat	Palusplain	Conservation	0
8910	unknown	Flat	Palusplain	Conservation	0
8911	unknown	Flat	Palusplain	Conservation	23
8912	unknown	Flat	Palusplain	Conservation	240
8781	unknown	Basin	Sumpland	Conservation	921
8890	unknown	Flat	Palusplain	Conservation	1173
12254	unknown	Flat	Palusplain	Conservation	1494
16065	unknown	Basin	Sumpland	Conservation	1582
8635	unknown	Flat	Palusplain	Conservation	1742
8634	unknown	Flat	Palusplain	Conservation	1803
16062	unknown	Flat	Floodplain	Conservation	1882
8487	unknown	Flat	Palusplain	Conservation	1932
12535	unknown	Flat	Palusplain	Conservation	1951
8490	unknown	Basin	Sumpland	Conservation	2050
15036	unknown	Flat	Floodplain	Conservation	2094
16066	Ellen Brook Floodplain	Flat	Palusplain	Conservation	2131
15035	unknown	Flat	Palusplain	Conservation	2201
8897	unknown	Basin	Dampland	Conservation	2209
12536	unknown	Flat	Palusplain	Conservation	2218
15149	unknown	Flat	Palusplain	Conservation	2241
16059	unknown	Flat	Floodplain	Conservation	2243
8649	unknown	Flat	Floodplain	Conservation	2247
8648	unknown	Flat	Floodplain	Conservation	2265
16064	unknown	Basin	Sumpland	Conservation	2298
8500	unknown	Basin	Dampland	Conservation	2317
16060	unknown	Flat	Floodplain	Conservation	2346
12253	unknown	Flat	Palusplain	Conservation	2378
15037	unknown	Flat	Floodplain	Conservation	2380
12537	unknown	Flat	Palusplain	Conservation	2387
8640	unknown	Flat	Floodplain	Conservation	2399
8922	unknown	Flat	Palusplain	Conservation	2399
8510	unknown	Flat	Floodplain	Conservation	2426
16061	unknown	Flat	Floodplain	Conservation	2427
8786	unknown	Basin	Dampland	Conservation	2457
8904	unknown	Basin	Dampland	Conservation	2487
12538	unknown	Flat	Palusplain	Conservation	2490
15123	unknown	Flat	Palusplain	Conservation	2518
12539	unknown	Flat	Palusplain	Conservation	2556
8903	unknown	Basin	Dampland	Conservation	2616
16058	unknown	Flat	Floodplain	Conservation	2657
12262	unknown	Flat	Palusplain	Conservation	2724
12261	unknown	Flat	Palusplain	Conservation	2764
8599	unknown	Flat	Palusplain	Conservation	2777
8913	unknown	Flat	Palusplain	Conservation	2794
12260	unknown	Flat	Palusplain	Conservation	2807
8914	unknown	Flat	Palusplain	Conservation	2813
15041	unknown	Flat	Floodplain	Conservation	2836
8896	unknown	Basin	Dampland	Conservation	2871
8778	unknown	Basin	Dampland	Conservation	2876
12414	unknown	Flat	Palusplain	Conservation	2912
8499	unknown	Basin	Dampland	Conservation	2996
12413	unknown	Flat	Palusplain	Conservation	3015
8610	unknown	Flat	Palusplain	Conservation	3023
12256	unknown	Flat	Palusplain	Conservation	3065
8516	unknown	Basin	Sumpland	Conservation	3093
9176	unknown	Flat	Palusplain	Conservation	3195
8512	unknown	Basin	Dampland	Conservation	3204
12259	unknown	Flat	Palusplain	Conservation	3215

Unique Feature Identifier (UFI)	Wetland name	Landform	Wetland type	Conservation Category	Distance from survey area (m)
8613	unknown	Flat	Palusplain	Conservation	3275
8895	unknown	Basin	Sumpland	Conservation	3300
15130	unknown	Flat	Palusplain	Conservation	3358
8777	unknown	Basin	Sumpland	Conservation	3365
12255	unknown	Flat	Palusplain	Conservation	3366
8596	unknown	Basin	Sumpland	Conservation	3380
8515	unknown	Basin	Dampland	Conservation	3392
15734	Ellen Brook Floodplain	Flat	Palusplain	Conservation	3456
8894	unknown	Basin	Dampland	Conservation	3500
8609	unknown	Basin	Dampland	Conservation	3604
8893	unknown	Basin	Dampland	Conservation	3616
8611	unknown	Basin	Dampland	Conservation	3675
8774	unknown	Basin	Sumpland	Conservation	3775
8920	unknown	Flat	Palusplain	Conservation	3808
8605	unknown	Basin	Dampland	Conservation	3855
13391	unknown	Basin	Sumpland	Conservation	3870
8891	unknown	Basin	Dampland	Conservation	3895
8770	unknown	Basin	Sumpland	Conservation	3950
8921	unknown	Flat	Palusplain	Conservation	3958
8513	unknown	Basin	Dampland	Conservation	3994
12403	unknown	Flat	Palusplain	Conservation	4029
15141	unknown	Flat	Palusplain	Conservation	4049
8497	unknown	Basin	Dampland	Conservation	4106
15142	unknown	Flat	Palusplain	Conservation	4113
8636	unknown	Basin	Dampland	Conservation	4124
8769	unknown	Basin	Sumpland	Conservation	4126
12945	unknown	Flat	Palusplain	Conservation	4126
8604	unknown	Basin	Dampland	Conservation	4138
8496	unknown	Basin	Dampland	Conservation	4212
15140	unknown	Flat	Palusplain	Conservation	4247
15139	unknown	Flat	Palusplain	Conservation	4260
12534	unknown	Flat	Palusplain	Conservation	4263
8603	unknown	Basin	Dampland	Conservation	4273
15143	unknown	Flat	Palusplain	Conservation	4323
8877	unknown	Basin	Dampland	Conservation	4352
12495	unknown	Flat	Palusplain	Conservation	4352
12415	unknown	Flat	Palusplain	Conservation	4357
12416	unknown	Flat	Palusplain	Conservation	4364
15138	unknown	Flat	Palusplain	Conservation	4440
8618	Melaleuca Park Wetland,WAWRC 1087	Basin	Sumpland	Conservation	4491
8514	unknown	Basin	Dampland	Conservation	4499
8876	unknown	Basin	Dampland	Conservation	4610
8518	Melaleuca Park Wetland,WAWRC 1087	Basin	Sumpland	Conservation	4628
8875	unknown	Basin	Dampland	Conservation	4636
12424	unknown	Flat	Palusplain	Conservation	4660
8602	unknown	Basin	Dampland	Conservation	4695
8874	unknown	Basin	Dampland	Conservation	4727
15027	Melaleuca Park Wetland,WAWRC 1087	Basin	Dampland	Conservation	4752
12681	unknown	Flat	Palusplain	Conservation	4771
8873	unknown	Basin	Dampland	Conservation	4799
8372	unknown	Basin	Dampland	Conservation	4823
8501	Melaleuca Park Wetland,WAWRC 1087	Basin	Dampland	Conservation	4916
8621	Melaleuca Park Wetland,WAWRC 1087	Basin	Dampland	Conservation	4922
8872	unknown	Basin	Dampland	Conservation	4957
8371	unknown	Basin	Dampland	Conservation	4966
8619	Melaleuca Park Wetland,WAWRC 1087	Basin	Dampland	Conservation	4968

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Survey Area

Land System

- Bassendean System
- Bindoon System
- Darling Plateau System
- Forrestfield System
- Gabbla System
- Mogumber System
- Murray Valleys System
- Pinjarra System
- Reagan System
- Yanga System

Main Roads Western Australia

Lot 156 Neaves Road Bullsbrook - Biological and Targeted Black Cockatoo Survey, October 2024

Figure A.3: Land systems

Scale: 1:50,000 at A3

Coordinate System: GDA2020 MGA Zone 50

0 1 2 3 Kilometres

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Survey Area

Pre-European Vegetation

- BASSENDEAN_1018
- BASSENDEAN_949
- EAST DARLING_3
- EAST DARLING_4
- GINGIN_1020
- PINJARRA_1018
- PINJARRA_3
- PINJARRA_4

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Lot 156 Neaves Road Bullsbrook - Biological and Targeted Black Cockatoo Survey, October 2024

Figure A.4: Pre-European vegetation

Scale: 1:50,000 at A3

Coordinate System: GDA2020 MGA Zone 50

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Author: J. Atkinson | Drawn: C. Dyde | Date: 28-04-2025 | Figure Ref: 8600-004-24-BIDR-1RevB_250428_FigA4_PEV

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Survey Area

Vegetation complex (Heddle)

- Bassendean Complex-North
- Bassendean Complex-North-\Transition Vegetation Complex
- Beermullah Complex
- Coolakin Complex In Low Rainfall
- Coonambidgee Complex
- Darling Scarp Complex
- Forrestfield Complex
- Guildford Complex
- Helena Complex In Low To Medium\Rainfall
- Karrakatta Complex-North-\Transition Vegetation Complex
- Mogumber Complex-South
- Pindalup And Yarragil Complex\In Low To Medium Rainfall
- Reagan Complex
- Yalanbee Complex In Low Rainfall
- Yanga Complex

Karrakatta Complex-North-\Transition Vegetation Complex
Bassendean Complex-North-\Transition Vegetation Complex
Coonambidgee Complex
Yalanbee Complex In Low Rainfall
Coolakin Complex In Low Rainfall
Mogumber Complex-South
Reagan Complex
Beermullah Complex
Helena Complex In Low To Medium\Rainfall
Yanga Complex
Yalanbee Complex In Low Rainfall
Forrestfield Complex
Guildford Complex
Darling Scarp Complex
Beermullah Complex
Helena Complex In Low To Medium\Rainfall

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Lot 156 Neaves Road Bullsbrook - Biological and Targeted Black Cockatoo Survey, October 2024

Figure A.5: Vegetation complexes (Heddle)

Scale: 1:50,000 at A3
Coordinate System: GDA2020 MGA Zone 50
0 1 2 3 Kilometres

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Author: J. Atkinson | Drawn: C. Dyde | Date: 24-01-2025 | Figure Ref: 8600-004-24-BIDR-1RevA_250124_FigA5_Heddle

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Appendix B: Conservation Categories for Flora, Fauna and Ecological Communities, and Categories for Introduced Flora

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Table B.1: Categories and definitions for *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act) listed flora and fauna species.

Conservation category	Definition
Extinct	Taxa with no reasonable doubt that the last member of the species has died.
Extinct in the wild	Taxa known to survive only in cultivation, in captivity or as a naturalized population well outside its past range; or it has not been recorded in its known and/or expected habitat, at appropriated seasons, anywhere in its past range, despite exhaustive surveys over a time frame appropriate to its life cycle and form.
Critically endangered (CR)	Taxa facing an extremely high risk of extinction in the wild in the immediate future, as determined in accordance with the prescribed criteria.
Endangered (EN)	Taxa are not critically endangered and are facing a very high risk of extinction in the wild in the near future, as determined in accordance with the prescribed criteria.
Vulnerable (VU)	Taxa are not critically endangered or endangered and are facing a high risk of extinction in the wild in the medium-term future, as determined in accordance with the prescribed criteria.
Conservation dependent (CD)	Taxa are the focus of a specific conservation program the cessation of which would result in the species becoming vulnerable, endangered, or critically endangered, or the following subparagraphs are satisfied: ○ the taxa is a species of fish; ○ the taxa is the focus of a management plan that provides management actions necessary to stop the decline of, and support the recovery of, the taxa so that its chances of long term survival in nature are maximized; ○ the management plan is in force under a law of the Commonwealth or of a State or Territory; ○ cessation of the management plan would adversely affect the conservation status of the taxa. Fish includes all taxa of bony fish, sharks, rays, crustaceans, molluscs, and other marine organisms, but does not include marine mammals/reptiles.
Migratory (Mi)	Taxa are considered migratory species on International Agreements: i) if they are native to Australia and are included in the appendices to the Bonn Convention (Convention on the Conservation of Migratory Species of Wild Animals Appendices I and II); ii) all migratory species included in annexes established under the Japan-Australia Migratory Bird Agreement (JAMBA) and the China-Australia Migratory Bird Agreement (CAMBA); and iii) are native, migratory species identified in a list established under, or an instrument made under, an international agreement approved by the Minister, such as the Republic of Korea-Australia Migratory Bird Agreement (ROKAMBA).

Note: CD and Mi are only related to conservation significant fauna

Three categories exist for listing Threatened Ecological Communities under the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act).

Table B.2: Categories of Federal threatened ecological communities listed under the *Environment Protection and Biodiversity Conservation Act* 1999 (EPBC Act).

Categories of ecological communities	
Critically endangered	If, at that time, it is facing an extremely high risk of extinction in the wild in the immediate future.
Endangered	If, at that time, it is not critically endangered and is facing a very high risk of extinction in the wild in the near future.
Vulnerable	If, at that time, it is not critically endangered or endangered, and is facing a high risk of extinction in the wild in the medium-term future.

Table B.3: Definitions and criteria for State Listed threatened ecological communities (Department of Environment and Conservation 2013).

PD: Presumed Totally Destroyed
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. An ecological community will be listed as presumed totally destroyed if there are no recent records of the community being extant **and either** of the following applies (A or B): A) Records within the last 50 years have not been confirmed despite thorough searches of known or likely habitats **or** B) B) All occurrences recorded within the last 50 years have since been destroyed.
CR : Critically Endangered
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. An ecological community will be listed as **Critically Endangered** 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 **any one or more of** the following criteria (A, B or C): 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% **and either or both** of the following apply (i or ii): 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); 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. 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 immediate future (within approximately 10 years); ii) there are very few occurrences, each of which is small and/or isolated and extremely vulnerable to known threatening processes;

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.

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).

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.

Reference: Department of Environment and Conservation 2013, Definitions, Categories and Criteria for Threatened and Priority Ecological Communities DEC (Parks and Wildlife), <https://www.dpaw.wa.gov.au/images/plants-animals/threatened-species/definitions_categories_and_criteria_for_threatened_and_priority_ecological_communities.pdf.>

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 (Table B.4).

Table B.4: Definitions and criteria for priority ecological communities (Department of Environment and Conservation 2013).

P1: Priority One – Poorly-known ecological communities
Ecological communities that are known from very few occurrences with a very restricted distribution (generally ≤5 occurrences or a total area of ≤ 100 ha). Occurrences are believed to be under threat either due to limited extent, or being on lands under immediate threat (e.g. within agricultural or pastoral lands, urban areas, active mineral leases) or for which current threats exist. May include communities with occurrences on protected lands. 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.
P2: Priority Two – Poorly-known ecological communities
Communities that are known from few occurrences with a restricted distribution (generally ≤10 occurrences or a total area of ≤200 ha). At least some occurrences are not believed to be under immediate 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.
P3: Priority Three – Poorly-known ecological communities
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.
P4: Priority Four
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. i. 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. ii. 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. ii) Ecological communities that have been removed from the list of threatened communities during the past five years.
P5: Priority Five – Conservation dependent ecological communities
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.

Table B.5: Conservation codes for Western Australian flora and fauna under the Western Australian *Biodiversity Conservation Act 2016* (Department of Biodiversity, Conservation and Attractions 2023).

Code	Conservation category	Definition
Threatened species (T)		Listed by order of the Minister as Threatened in the category of critically endangered, endangered or vulnerable under section 19(1), or is a rediscovered species to be regarded as threatened species under section 26(2) of the *Biodiversity Conservation Act 2016* (BC Act).
CR	Critically endangered species	Threatened species considered to be "facing an extremely high risk of extinction in the wild in the immediate future, as determined in accordance with criteria set out in the ministerial guidelines".
EN	Endangered species	Threatened species considered to be "facing a very high risk of extinction in the wild in the near future, as determined in accordance with criteria set out in the ministerial guidelines".
VU	Vulnerable species	Threatened species considered to be "facing a high risk of extinction in the wild in the medium-term future, as determined in accordance with criteria set out in the ministerial guidelines".
Extinct species		Listed by order of the Minister as extinct under section 23(1) of the BC Act as extinct or extinct in the wild.
EX	Extinct species	Species where "there is no reasonable doubt that the last member of the species has died".
EW	Extinct in the wild species	Species that "is known only to survive in cultivation, in captivity or as a naturalised population well outside its past range; and it has not been recorded in its known habitat or expected habitat, at appropriate seasons, anywhere in its past range, despite surveys over a time frame appropriate to its life cycle and form".
Specially protected species (SP)		Listed by order of the Minister as specially protected under section 13(1) of the BC Act. Meeting one or more of the following categories: species of special conservation interest; migratory species; cetaceans; species subject to international agreement; or species otherwise in need of special protection. Species that are listed as threatened species (critically endangered, endangered, or vulnerable) or extinct species under the BC Act cannot also be listed as specially protected species.
MI	Migratory species	Fauna that periodically or occasionally visit Australia or an external Territory or the exclusive economic zone; or the species is subject of an international agreement that relates to the protection of migratory species and that binds the Commonwealth; and listing is otherwise in accordance with the ministerial guidelines (section 15 of the BC Act).
CD	Conservation dependent species	Species of special conservation need that are dependent on ongoing conservation intervention to prevent it becoming eligible for listing as threatened, and listing is otherwise in accordance with the ministerial guidelines (section 14 of the BC Act).
OS	Other specially protected species	Species otherwise in need of special protection to ensure their conservation, and listing is otherwise in accordance with the ministerial guidelines (section 18 of the BC Act).

Reference: Department of Biodiversity, Conservation and Attractions 2023, *Conservation Category Definitions for Western Australian Fauna and Flora.* The Government of Western Australia.

Species that may possibly be threatened species that do not meet the criteria for listing under the BC Act because of insufficient survey or are otherwise data deficient, are added to the Priority Fauna or Priority Flora Lists under Priorities 1, 2 or 3. These three categories are ranked in order of prioritisation for survey and evaluation of conservation status so that consideration can be given to potential listing as threatened. Species that are adequately known, meet criteria for near threatened, or are rare but not threatened, or that have been recently removed from the threatened species list or conservation dependent or other specially protected fauna lists for other than taxonomic reasons, are placed in Priority 4. These species require regular monitoring (Department of Biodiversity, Conservation and Attractions 2023).

Table B.6: Priority species under Western Australian *Biodiversity Conservation Act 2016* (Department of Biodiversity, Conservation and Attractions 2023).

P1: Priority One – Poorly known taxa
Species that are known from one or a few locations (generally five or less) which are potentially at risk. All occurrences are either: very small; or on lands not managed for conservation, for example, agricultural or pastoral lands, urban areas, road and rail reserves, gravel reserves and active mineral leases; or otherwise under threat of habitat destruction or degradation. Species may be included if they are comparatively well known from one or more locations but do not meet adequacy of survey requirements for threatened listing and appear to be under immediate threat from known threatening processes.
P2: Priority Two – Poorly known taxa
Species that are known from one or a few locations (generally five or less), some of which are on lands managed primarily for nature conservation, for example, national parks, conservation parks, nature reserves and other lands with secure tenure being managed for conservation. Species may be included if they are comparatively well known from one or more locations but do not meet adequacy of survey requirements for threatened listing and appear to be under threat from known threatening processes. These species are in urgent need of further survey.
P3: Priority Three – Poorly known taxa
Species that are known from several locations and the species does not appear to be under imminent threat or from few but widespread locations with either large population size or significant remaining areas of apparently suitable habitat, much of it not under imminent threat. Species may be included if they are comparatively well known from several locations but do not meet adequacy of survey requirements and known threatening processes exist that could affect them. These species need further survey.
P4: Priority Four: Rare, near threatened and other taxa in need of monitoring
a. Rare: Species 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 species are usually represented on conservation lands. b. Near Threatened: Species that are considered to have been adequately surveyed and that are close to qualifying for vulnerable but are not listed as a conservation dependent specially protected species. c. Species that have been removed from the list of threatened species or lists of conservation dependent or other specially protected species, during the past five years for reasons other than taxonomy. d. Other species in need of monitoring.

Reference: Department of Biodiversity, Conservation and Attractions 2023, *Conservation Category Definitions for Western Australian Fauna and Flora.* The Government of Western Australia

The management of introduced flora species in Western Australia is now regulated through the *Biosecurity and Agriculture Management Act 2007* (BAM Act). A list of declared pests, including 'pest' plants is provided under the BAM Act, which has been updated to incorporate a number of other Acts that are administered by Department of Agriculture and Food Western Australia (Department of Agriculture and Food Western Australia 2016). Declared pests can fall into two categories: one that relates to the prevention of introducing the species or eradicating it; and the other relates to managing the species and whether it can be kept (i.e. for scientific purposes, education or other purpose).

The threat and risk posed to site-specific biodiversity values, influences to rehabilitation success, primary production, infrastructure assets or human health will differ depending on the unique characteristics of each site and the associated land management practice or operation. Therefore, site or project specific weed assessments and priorities should be reviewed for each project.

As per introduced flora species, the BAM Act seeks to establish a modern biosecurity regulatory scheme to prevent serious animal pests from entering the State and becoming established, and to minimise the spread and impact of any that are already present within the State. Declared animal pests fall into three categories as Gazetted under the *Biosecurity and Agriculture Management Regulations 2013*. These categories are outlined in Table B.7.

Table B.7: Declared pests control categories as gazetted under the *Biosecurity and Agriculture Management Regulations 2013*.

Category	Description
C1 (Exclusion)	Pests will be assigned to this category if they are not established in Western Australia and control measures are to be taken, including border checks, in order to prevent them entering and establishing in the State.
C2 (Eradication)	Pests will be assigned to this category if they are present in Western Australia in low enough numbers or in sufficiently limited areas that their eradication is still a possibility.
C3 (Management)	Pests will be assigned to this category if they are established in Western Australia but it is feasible, or desirable, to manage them in order to limit their damage. Control measures can prevent a C3 pest from increasing in population size or density or moving from an area in which it is established into an area which currently is free of that pest.

References

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Appendix C: Vegetation Classification and Condition Scales, and Fauna Habitat Condition Scale

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Table C.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
Trees > 30 m	Tall closed forest	Tall open forest	Tall woodland	Tall open woodland	Scattered tall trees
Trees 10-30 m	Closed forest	Open forest	Woodland	Open woodland	Scattered trees
Trees < 10 m	Low closed forest	Low open forest	Low woodland	Low open woodland	Scattered low trees
Shrubs > 2 m	Tall closed scrub	Tall open scrub	Tall shrubland	Tall open shrubland	Scattered tall shrubs
Shrubs 1-2 m	Closed heath	Open heath	Shrubland	Open shrubland	Scattered shrubs
Shrubs < 1 m	Low closed heath	Low open heath	Low shrubland	Low open shrubland	Scattered low shrubs
Hummock grasses	Closed hummock grassland	Hummock grassland	Open hummock grassland	Very open hummock grassland	Scattered hummock grasses
Tussock grasses, sedges, rushes, herbs, vines	Closed tussock grassland/ sedgeland/ rushland/herbland/vineland	Tussock grassland/ sedgeland/ rushland/ herbland/ vineland	Open tussock grassland/ sedgeland/ rushland/ herbland/ vineland	Very open tussock grassland/sedgeland/ rushland/herbland/ vineland	Scattered tussock grasses/sedges /rushes/herbs/vines

Table C.2: Vegetation condition scale as adapted from Keighery (1994) (Environmental Protection Authority 2016).

Vegetation condition	Condition description
Pristine	Pristine or nearly so, no obvious signs of disturbance or damage caused by human activities since European settlement.
Excellent	Vegetation structure intact, disturbance affecting individual species and weeds are non-aggressive species. Damage to trees caused by fire, the presence of non-aggressive weeds and occasional vehicle tracks.
Very Good	Vegetation structure altered, obvious signs of disturbance. Disturbance to vegetation structure caused by repeated fires, the presence of some more aggressive weeds, dieback, logging and grazing.
Good	Vegetation structure significantly altered by very obvious signs of multiple disturbances. Retains basic vegetation structure or ability to regenerate it. Disturbance to vegetation structure caused by very frequent fires, the presence of very aggressive weeds, partial clearing, dieback and grazing.
Degraded	Basic vegetation structure severely impacted by disturbance. Scope for regeneration but not to a state approaching good condition without intensive management. Disturbance to vegetation structure caused by very frequent fires, the presence of very aggressive weeds at high density, partial clearing, dieback and grazing.
Completely Degraded	The structure of the vegetation is no longer intact and the area is completely or almost completely without native species. These areas are often described as 'parkland cleared' with the flora comprising weed or crop species with isolated native trees and shrubs.

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

Habitat condition	Condition description
High Quality Fauna Habitat (1.0)	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.
Very Good Fauna Habitat (0.8)	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 affected by disturbance.
Good Fauna Habitat (0.6)	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.
Disturbed Fauna Habitat (0.4)	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.
Highly Degraded Fauna Habitat (<0.2)	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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Keighery, B. 1994. Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc.), Nedlands WA.

Specht, R. L. 1970. Vegetation. Page *in* G. W. Leeper, editor. The Australian Environment. Fourth edition. CSIRO - Melbourne University Press, Melbourne.

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Appendix D: Flora and Fauna Survey Effort: tracklogs and site locations

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403200 403400 403600 403800 404000

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NM03 NM01 NQ01 NQ02 NQ03 NR04 NR06 NR08 NM02 NR10 NR02 NQ05 NQ06 NR01 NR12 NM08 NM06 NM10 NR05 NM04 NR03 NR14 NR16 NQ04

Tonkin Hwy

Neaves Rd

GPS Tracklogs
Survey Area
Sample Site
Quadrat
Releve
Mapping Note

Main Roads Western Australia
Lot 156 Neaves Road Bullsbrook - Biological and Targeted Black Cockatoo Survey, October 2024

Figure D.1: Flora survey effort and site locations

Scale: 1:2,500 at A3
Coordinate System: GDA2020 MGA Zone 50
0 50 100 150 200 Metres

N

astron
an ecocene company

Author: J. Atkinson | Drawn: C. Dyde | Date: 28-04-2025 | Figure Ref: 8600-004-24-BIDR-1RevB_250428_FigD1_FloraEffort

403200 403400 403600 403800 404000

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HA_01 HA_02 HA_03 HA_04 HA_05 HA_06 HA_07 HA_08 HA_09 HA_10 HA_11 HA_12 HA_13

Tonkin HWY

Neaves Rd

Habitat Assessment
GPS Tracklogs
Survey Area

Main Roads Western Australia
Lot 156 Neaves Road Bullsbrook - Biological and Targeted Black Cockatoo Survey, October 2024

Figure D.2: Fauna survey effort and site locations

Scale: 1:2,500 at A3
Coordinate System: GDA2020 MGA Zone 50

0 50 100 150 200 Metres

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an ecocene company

Author: A. McCreery | Drawn: C. Dyde | Date: 28-04-2025 | Figure Ref: 8600-004-24-BIDR-1RevB_250428_FigD2_FaunaEffort

Appendix E: Known Black Cockatoo Foraging, Roosting and Nesting Species

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Table E.1: List of known foraging, nesting and roosting species for black cockatoos.

Data compiled from the literature (Groom 2011; Johnstone and Kirkby 2008; Chapman 2007; Johnstone et al. 2013; Department of Sustainability Environment Water Population and Communities 2012; Valentine and Stock 2008).

Plant Species	Common Name	Carnaby's Cockatoo			Baudin's Cockatoo			Forest Red-tailed Black Cockatoo		
		Feeding	Nesting	Roosting	Feeding	Nesting	Roosting	Feeding	Nesting	Roosting
Acacia baileyana	Cootamundra wattle	X								
Acacia pentadenia	Karri Wattle	X								
Acacia saligna	Orange Wattle	X								
Agonis flexuosa	Peppermint Tree	X								
Allocasuarina fraseriana	Sheoak	X						X		
Anigozanthos sp.	Kangaroo paws				X					
Araucaria heterophylla	Norfolk Island Pine	X								
Banksia ashbyi	Ashby's Banksia	X								
Banksia attenuata	Slender Banksia	X								
Banksia baxteri	Baxter's Banksia	X								
Banksia carlinoides	Pink Dryandra	X								
Banksia coccinea	Scarlet Banksia	X								
Banksia dallanneyi	Couch Honeypot Dryandra	X								
Banksia ericifolia	Heath-leaved Banksia	X								
Banksia fraseri	Dryandra	X								
Banksia gardneri	Prostrate Banksia	X								
Banksia grandis	Bull Banksia	X			X					
Banksia hookeriana	Hooker's Banksia	X								
Banksia ilicifolia	Holly Banksia	X			X					
Banksia kippistiana	Dryandra	X								
Banksia leptophylla		X								

Plant Species	Common Name	Carnaby's Cockatoo			Baudin's Cockatoo			Forest Red-tailed Black Cockatoo		
		Feeding	Nesting	Roosting	Feeding	Nesting	Roosting	Feeding	Nesting	Roosting
Banksia littoralis	Swamp Banksia	X			X					
Banksia menziesii	Firewood or Menzie's Banksia	X								
Banksia mucronulata	Swordfish Dryandra	X								
Banksia nivea	Honeypot Dryandra	X								
Banksia nobilis	Golden Dryandra	X								
Banksia praemorsa	Cut-leaf Banksia	X			X					
Banksia prionotes	Acorn Banksia	X								
Banksia prolata	Tree Banksia	X								
Banksia quercifolia	Oak-leaved Banksia	X			X					
Banksia sessilis	Parrot Bush	X			X					
Banksia speciosa	Showy Banksia	X								
Banksia splendida	Shaggy Dryandra	X								
Banksia squarrosa	Pingle	X			X					
Banksia tricuspis	Lesueur Banskia or Pine Banksia	X								
Banksia undata	Urchin or Cut-leaf Dryandra	X								
Banksia verticillata	Granite Banksia	X								
Brassica campestris	Canola, Rape	X								
Brassica napus	Canola	X								
Callistemon viminalis	Captain Cook Bottlebrush	X			X					
Callitris sp.		X								
Carya illnoinensis	Pecan	X			X					
Casuarina cunninghamiana	River Sheoak	X								
Citrullus lanatus	Pie or Afghan Melon	X								

Plant Species	Common Name	Carnaby's Cockatoo			Baudin's Cockatoo			Forest Red-tailed Black Cockatoo		
		Feeding	Nesting	Roosting	Feeding	Nesting	Roosting	Feeding	Nesting	Roosting
Corymbia calophylla	Marri	X	X	X	X	X	X	X	X	X
Corymbia citriodora	Lemon-scented Gum				X		X	X		
Corymbia ficifolia	Red Flowering Gum	X								
Corymbia haematoxylon	Mountain Marri	X						X		
Corymbia maculata	Spotted Gum			X				X		
Darwinia citriodora	Lemon-scented Darwinia	X			X					
Diospryros sp.	Sweet Persimmon	X			X					
Emex australis	Doublegee	X								
Eremophila glabra	Tarbush	X								
Erodium aureum	Corkscrew Grass or Storksbill	X								
Erodium botrys	Corkscrew Grass or Storksbill	X			X					
Erodium sp.	Wild geranium	X			X					
Eucalyptus accedens	Powderbark		X							
Eucalyptus caesia	Silver Princess	X						X		
Eucalyptus camaldulensis	River Red Gum			X						
Eucalyptus citriodora	Lemon Scented Gum	X		X						
Eucalyptus diversicolor	Karri		X			X		X	X	
Eucalyptus erythrocorys	Illyarrie							X		
Eucalyptus globulus	Tasmaniam Blue Gum			X			X			X
Eucalyptus gomphocephala	Tuart	X	X	X		X	X		X	X
Eucalyptus grandis	Flooded Gum, Rose Gum			X						
Eucalyptus longicornis	Red Morrell		X							
Eucalyptus loxophleba	York Gum	X	X							

Plant Species	Common Name	Carnaby's Cockatoo			Baudin's Cockatoo			Forest Red-tailed Black Cockatoo		
		Feeding	Nesting	Roosting	Feeding	Nesting	Roosting	Feeding	Nesting	Roosting
Eucalyptus marginata	Jarrah	X	X	X	X	X	X	X		X
Eucalyptus megacarp	Bullitch						X	X	X	
Eucalyptus occidentalis	Swamp Yate		X							
Eucalyptus patens	Blackbutt	X		X			X	X		X
Eucalyptus pleurocarpa	Tallerack	X								
Eucalyptus preissiana	Bell-fruited Mallee	X								
Eucalyptus robusta	Swamp Mahogany	X		X						
Eucalyptus rudis	Flooded Gum		X	X			X			
Eucalyptus salmonophloia	Salmon Gum	X	X							
Eucalyptus salubris	Gimlet		X							
Eucalyptus staeri	Albany Blackbutt							X		
Eucalyptus todtiana	Coastal Blackbutt or Prickley Bark	X								
Eucalyptus wandoo	Wandoo	X	X	X		X	X		X	
Ficus sp.	Fig	X								
Grevillea armigera	Prickly Toothbrushes	X								
Grevillea bipinnatifida	Fuschia Grevillea	X								
Grevillea hookeriana	Red Toothbrushes	X								
Grevillea hookeriana subsp. *apiciloba*	Black Toothbrushes	X								
Grevillea paniculata	Kerosene Bush	X								
Grevillea paradoxa	Bottlebrush Grevillea	X								
Grevillea petrophiloides	Pink Poker	X								
Grevillea robusta	Silky Oak	X								
Grevillia wilsonii					X					

Plant Species	Common Name	Carnaby's Cockatoo			Baudin's Cockatoo			Forest Red-tailed Black Cockatoo		
		Feeding	Nesting	Roosting	Feeding	Nesting	Roosting	Feeding	Nesting	Roosting
Hakea auriculata		X								
Hakea candolleana		X								
Hakea circumalata	Coastal Hakea	X								
Hakea commutata		X								
Hakea conchifolia	Shell-leaved Hakea	X								
Hakea costata	Ribbed Hakea	X								
Hakea cristata	Snail Hakea	X			X					
Hakea cucullata	Snail Hakea	X								
Hakea cyclocarpa	Ramshorn	X								
Hakea eneabba		X								
Hakea erinacea	Hedgehog Hakea	X			X					
Hakea falcata	Sickle Hakea	X								
Hakea flabellifolia	Fan-leaved Hakea	X								
Hakea gilbertii		X								
Hakea incrassata	Golfball or Marble Hakea	X								
Hakea lasiantha	Woolly Flowered Hakea	X								
Hakea lasianthoides		X			X					
Hakea laurina	Pin-cushion hakea	X								
Hakea lissocarpha	Honeybush	X			X					
Hakea marginata					X					
Hakea megalosperma	Lesueur Hakea	X								
Hakea multilineata	Grass Leaf Hakea	X								
Hakea obliqua	Needles and Corks	X								
Hakea oleifolia	Dungyn or Olive-leaved Hakea	X								
Hakea pandanicarpa		X								
Hakea pandanicarpa subsp. *crassifolia*	Thick-leaved Hakea	X								

Plant Species	Common Name	Carnaby's Cockatoo			Baudin's Cockatoo			Forest Red-tailed Black Cockatoo		
		Feeding	Nesting	Roosting	Feeding	Nesting	Roosting	Feeding	Nesting	Roosting
Hakea petiolaris	Sea Urchin Hakea	X								
Hakea polyanthema		X								
Hakea preissii	Needle Tree	X								
Hakea prostrata	Harsh Hakea	X			X					
Hakea psilorrhyncha		X								
Hakea ruscifolia	Candle Hakea	X			X					
Hakea scoparia	Kangaroo Bush	X								
Hakea smilacifolia		X								
Hakea spathulata		X								
Hakea stenocarpa	Narrow-fruited Hakea	X			X					
Hakea sulcata	Furrowed Hakea	X								
Hakea trifurcata	Two-leaved Hakea	X			X					
Hakea undulata	Wavy-leaved Hakea	X			X					
Hakea varia	Variable-leaved Hakea	X			X					
Harpephyllum caffrum	Kaffir Plum							X		
Helianthus annuus	Sunflower	X								
Hibiscus spp.	Hibiscus garden variety	X								
Isopogon scabriusculus		X								
Jacaranda mimosifolia	Jacaranda	X			X					
Jacksonia furcellata	Grey Stinkwood	X								
Kingia australis					X					
Lambertia inermis	Chittick	X								
Lambertia multiflora	Many-flowered Honeysuckle	X								
Liquidamber styraciflua	Liquid Amber	X								

Plant Species	Common Name	Carnaby's Cockatoo			Baudin's Cockatoo			Forest Red-tailed Black Cockatoo		
		Feeding	Nesting	Roosting	Feeding	Nesting	Roosting	Feeding	Nesting	Roosting
Lupinus sp.	Lupin	X								
Macadamia integrifolia	Macadamia	X			X					
Malus domestica	Apple	X			X			X		
Melaleuca leuropoma		X								
Melia azedarach	Cape Lilac or White Cedar	X						X		
Mesomeleana sp.		X								
Persoonia longifolia	Snottygobble	X						X		
Pinus canariensis	Canary Island Pine	X								
Pinus caribea	Caribbean Pine	X								
Pinus pinaster	Pinaster or Maritime Pine	X		X						
Pinus radiata	Radiata Pine	X		X	X					
Protea 'Pink Ice'		X								
Protea repens		X								
Prunus amygdalus	Almond Tree	X								
Pyrus sp.	Pear				X			X		
Raphanus raphanistrum	Wild Radish	X								
Reedia spathacea					X					
Romulea rosea	Guilford Grass	X								
Schefflera actinophylla	Umbrella Tree	X								
Tipuana tipu	Tipu or Rosewood Tree	X								
Xanthorrhoea preissii	Grass tree	X			X					

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Appendix F: Previous Threatened and Priority Flora, Fauna and Ecological Community Records Within the Study Area

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396000 399000 402000 405000 408000

6501000

6498000

6495000

Survey Area

Study Area (5Km Buffer)

Priority Flora

- P1
- P2
- P3
- P4
- Threatened

Priority Fauna

- CD
- CR
- EN
- OS
- P3
- P4
- VU

TEC/PEC

- Banksia Woodlands of the Swan Coastal Plain ecological community - Priority 3
- Banksia ilicifolia woodlands - Priority 3
- Communities of Tumulus Springs (Organic Mound Springs, Swan Coastal Plain) - BCA Critically Endangered
- Corymbia calophylla — Xanthorrhoea preissii woodlands and shrublands, Swan Coastal Plain (floristic community type 3c as originally described in Gibson et al. 1994) - BCA Endangered
- Forests and woodlands of deep seasonal wetlands of the Swan Coastal Plain (floristic community type 15 as originally described in Gibson et al. 1994) - BCA Critically Endangered
- Herb rich saline shrublands in clay pans (floristic community type 7 as originally described in Gibson et al. 1994) - BCA Endangered
- Herb rich shrublands in clay pans (floristic community type 8 as originally described in Gibson et al. 1994) - BCA Endangered
- Low lying Banksia attenuata woodlands or shrublands - Priority 3
- Shrublands and woodlands on Muchea Limestone of the Swan Coastal Plain - BCA Endangered
- Swan Coastal Plain Banksia attenuata - Banksia menziesii woodlands - Priority 3

Bullsbrook Nature Reserve

Neaves Road Nature Reserve

Gnangara-Moore River State Forest

Main Roads Western Australia

Lot 156 Neaves Road Bullsbrook - Biological and Targeted Black Cockatoo Survey, October 2024

Figure F.1: Previous threatened and priority flora, fauna and ecological community records within the study area

Scale: 1:42,000 at A3

Coordinate System: GDA2020 MGA Zone 50

0 500 1,000 1,500 2,000 2,500 Metres

N

astron an ecocene company

Author: J. Atkinson | Drawn: C. Dyde | Date: 28-04-2025 | Figure Ref: 8600-004-24-BIDR-1RevB_250428_FigF1_Constr

Table F.1: Amphibian species list – results of database searches, literature reviews and Astron survey results.

Family *Scientific Name*	Common Name	Introduced	Conservation Codes			ALA	Dandjoo	EPBC PMST	DBCA T and P	Previous Surveys	Current Survey
			EPBC Act	BC Act	DBCA Priority Fauna List						
Pelodryadidae											
Litoria adelaidensis	Slender Tree Frog					X	X				
Limnodynastidae											
Heleioporus albopunctatus	Western Spotted Frog					X	X				
Heleioporus barycragus	Hooting Frog					X	X				
Heleioporus eyrei	Moaning Frog					X	X				
Heleioporus inornatus	Whooping Frog					X	X				
Limnodynastes dorsalis	Western Banjo Frog					X	X				
Myobatrachidae											
Crinia georgiana	Quacking Frog					X	X				
Crinia glauerti	Clicking Frog					X	X			X	X
Crinia insignifera	Squelching Froglet					X	X				
Crinia pseudinsignifera	Bleating Froglet					X					
Pseudophryne guentheri	Crawling Toadlet						X				

Table F.2: Reptile species list – results of database searches, literature reviews and Astron survey results.

Family *Scientific Name*	Common Name	Introduced	Conservation Codes			ALA	Dandjoo	EPBC PMST	DBCA T and P	Previous Surveys	Current Survey
			EPBC Act	BC Act	DBCA Priority Fauna List						
Chelidae											
Chelodina oblonga	Oblong Turtle					X	X			X	
Pseudemydura umbrina	Western Swamp Tortoise		CR	CR			X	X	X		
Pygopodidae											
Aprasia repens						X	X				
Delma grayii						X	X				
Lialis burtonis						X	X				
Pletholax gracilis	West Coast Keeled Legless Gecko					X	X				
Pygopus lepidopodus	Common Scaly Foot					X	X				
Agamidae											
Ctenophorus adelaidensis	Western Heath Dragon					X	X				
Scincidae											
Acritoscincus trilineatus						X	X				
Cryptoblepharus buchananii						X	X				X
Ctenotus fallens						X	X				
Ctenotus gemmula					P3 (SCP population)		X				
Egernia napoleonis						X	X				
Hemiergis quadrilineata						X	X				
Lerista elegans						X	X				
Lerista lineopunctulata						X	X				

Family *Scientific Name*	Common Name	Introduced	Conservation Codes			ALA	Dandjoo	EPBC PMST	DBCA T and P	Previous Surveys	Current Survey
			EPBC Act	BC Act	DBCA Priority Fauna List						
Lerista praepedita							X				
Menetia greyii						X	X				
Morethia obscura							X				
Tiliqua occipitalis	Western Bluetongue					X					
Tiliqua rugosa rugosa							X				
Typhlopidae											
Anilios australis						X	X				
Anilios waitii						X	X				
Elapidae											
Brachyurophis fasciolatus fasciatus						X					
Brachyurophis semifasciatus						X	X				
Echiopsis curta	Bardick					X	X				
Narophis bimaculatus	Black-naped Burrowing Snake					X	X				
Neelaps calonotos	Black-striped Burrowing Snake				P3		X		X		
Notechis scutatus	Tiger Snake					X				X	
Pseudechis australis	Mulga Snake					X	X				
Pseudonaja affinis affinis	Dugite						X			X	
Pseudonaja mengdeni	Western Brown Snake					X					
Simoselaps bertholdi	Jan's Banded Snake					X	X				
Suta gouldii							X				

Table F.3: Bird species list – results of database searches, literature reviews and Astron survey results.

Family *Scientific Name*	Common Name	Introduced	Conservation Codes			ALA	Dandjoo	EPBC PMST	DBCA T and P	Birdata	Previous Surveys	Current Survey
			EPBC Act	BC Act	DBCA Priority Fauna List							
Casuariidae												
Dromaius novaehollandiae	Emu					X				X	X	
Anatidae												
Anas gracilis	Grey Teal									X		
Anas superciliosa	Pacific Black Duck					X				X	X	
Chenonetta jubata	Australian Wood Duck					X				X	X	
Cygnus atratus	Black Swan					X				X		
Tadorna tadornoides	Australian Shelduck					X				X	X	
Leipoa ocellata	Malleefowl		VU	VU				X				
Coturnix pectoralis	Stubble Quail					X					X	
Coturnix ypsilophora	Brown Quail					X						
Procellariidae												
Calonectris leucomelas	Streaked Shearwater		MI	MI			X					
Pterodroma macroptera	Great-winged Petrel					X						
Podicipedidae												
Tachybaptus novaehollandiae	Australasian Grebe (Black-throated Grebe)					X						
Threskiornithidae												
Platalea flavipes	Yellow-billed Spoonbill					X				X		X
Threskiornis moluccus	Australian White Ibis					X				X	X	X
Threskiornis spinicollis	Straw-necked Ibis					X				X	X	

Family *Scientific Name*	Common Name	Introduced	Conservation Codes			ALA	Dandjoo	EPBC PMST	DBCA T and P	Birdata	Previous Surveys	Current Survey
			EPBC Act	BC Act	DBCA Priority Fauna List							
Ardeidae												
Ardea pacifica	White-necked Heron					X						
Botaurus poiciloptilus	Australasian Bittern		EN	EN				X				
Egretta novaehollandiae	White-faced Heron					X				X	X	X
Ixobrychus dubius	Australian Little Bittern				P4						X	
Nycticorax caledonicus	Nankeen Night-heron					X					X	
Pelecanidae												
Pelecanus conspicillatus	Australian Pelican					X						
Phalacrocoracidae												
Microcarbo melanoleucos	Little Pied Cormorant					X						
Phalacrocorax carbo	Great Cormorant					X						
Phalacrocorax varius	Pied Cormorant (Australian Pied Cormorant)					X	X					
Accipitridae												
Accipiter fasciatus fasciatus	Brown Goshawk					X				X		
Aquila audax	Wedge-tailed Eagle					X				X		
Elanus axillaris	Australian Black-shouldered Kite					X				X		
Haliastur sphenurus	Whistling Kite					X				X		
Rallidae												
Fulica atra	Eurasian Coot					X						
Charadriidae												

Family *Scientific Name*	Common Name	Introduced	Conservation Codes			ALA	Dandjoo	EPBC PMST	DBCA T and P	Birdata	Previous Surveys	Current Survey
			EPBC Act	BC Act	DBCA Priority Fauna List							
Vanellus tricolor	Banded Lapwing					X				X		
Rostratulidae												
Rostratula australis	Australian Painted Snipe		EN	EN			X	X	X			
Scolopacidae												
Actitis hypoleucos	Common Sandpiper		MI	MI				X				
Calidris acuminata	Sharp-tailed Sandpiper		MI	MI				X				
Calidris ferruginea	Curlew Sandpiper		CR & MI	CR & MI				X				
Calidris melanotos	Pectoral Sandpiper		MI	MI				X				
Numenius madagascariensis	Far Eastern Curlew (Eastern Curlew)		CR & MI	CR & MI				X				
Tringa nebularia	Common Greenshank		MI	MI				X				
Columbidae												
Columba livia	Domestic Pigeon (Rock Dove)	*				X						
Ocyphaps lophotes	Crested Pigeon					X				X	X	
Phaps chalcoptera	Common Bronzewing					X				X		X
Spilopelia senegalensis	Laughing Turtle-dove	*				X				X		
Cuculidae												
Cacomantis flabelliformis	Fan-tailed Cuckoo					X				X		
Chalcites basalis	Horsfield's Bronze-cuckoo					X				X		
Chalcites lucidus	Shining Bronze Cuckoo					X	X			X		
Heteroscenes pallidus	Pallid Cuckoo					X				X		

Family *Scientific Name*	Common Name	Introduced	Conservation Codes			ALA	Dandjoo	EPBC PMST	DBCA T and P	Birdata	Previous Surveys	Current Survey
			EPBC Act	BC Act	DBCA Priority Fauna List							
Strigidae												
Ninox boobook	Southern Boobook					X	X					
Podargidae												
Podargus strigoides	Tawny Frogmouth					X					X	
Apodidae												
Apus pacificus	Fork-tailed Swift (Pacific Swift)		MI	MI				X				
Alcedinidae												
Dacelo novaeguineae	Laughing Kookaburra	*				X				X	X	X
Todiramphus sanctus	Sacred Kingfisher					X				X	X	
Meropidae												
Merops ornatus	Rainbow Bee-eater					X				X	X	X
Falconidae												
Falco berigora	Brown Falcon					X				X		
Falco cenchroides	Australian Kestrel (Nankeen Kestrel)					X				X	X	X
Falco longipennis	Australian Hobby					X				X		
Falco peregrinus	Peregrine Falcon			OS			X		X			
Cacatuidae												
Cacatua galerita	Sulphur-crested Cockatoo					X						
Cacatua pastinator	Western Long-billed Corella					X				X		
Cacatua sanguinea	Little Corella					X				X	X	X

Family *Scientific Name*	Common Name	Introduced	Conservation Codes			ALA	Dandjoo	EPBC PMST	DBCA T and P	Birdata	Previous Surveys	Current Survey
			EPBC Act	BC Act	DBCA Priority Fauna List							
Calyptorhynchus banksii	Red-tailed Black Cockatoo					X	X			X		
Calyptorhynchus banksii naso	Forest Red-tailed Black Cockatoo		VU	VU				X	X		X	X
Eolophus roseicapilla	Galah					X				X	X	
Zanda baudinii	Baudin's Cockatoo		EN	EN							X	
Zanda latirostris	Carnaby's Cockatoo		EN	EN			X	X	X	X	X	X
Psittacidae												
Barnardius zonarius	Australian Ringneck					X	X			X	X	X
Purpureicephalus spurius	Red-capped Parrot					X	X			X	X	
Maluridae												
Malurus assimilis	Purple-backed Fairy-wren					X						
Malurus pulcherrimus	Blue-breasted Fairy-wren					X				X		
Malurus splendens	Splendid Fairy-wren					X	X			X	X	X
Meliphagidae												
Acanthagenys rufogularis	Spiny-cheeked Honeyeater					X				X		
Acanthorhynchus superciliosus	Western Spinebill					X	X			X		
Anthochaera carunculata	Red Wattlebird					X				X	X	X
Anthochaera lunulata	Western Little Wattlebird (Western Wattlebird)					X				X		
Epthianura albifrons	White-fronted Chat					X	X					
Gavicalis virescens	Singing Honeyeater					X	X			X	X	X

Family *Scientific Name*	Common Name	Introduced	Conservation Codes			ALA	Dandjoo	EPBC PMST	DBCA T and P	Birdata	Previous Surveys	Current Survey
			EPBC Act	BC Act	DBCA Priority Fauna List							
Gliciphila melanops	Tawny-crowned Honeyeater					X				X		
Lichmera indistincta	Brown Honeyeater					X	X			X	X	X
Manorina flavigula	Yellow-throated Miner										X	X
Phylidonyris niger	White-cheeked Honeyeater					X	X			X		
Phylidonyris novaehollandiae	New Holland Honeyeater					X				X	X	
Pardalotidae												
Pardalotus striatus	Striated Pardalote					X				X		
Acanthizidae												
Acanthiza apicalis	Broad-tailed Thornbill (Inland Thornbill)						X			X		
Acanthiza chrysorrhoa	Yellow-rumped Thornbill					X				X	X	
Acanthiza inornata	Western Thornbill					X						
Calamanthus campestris	Rufous Fieldwren										X	
Gerygone fusca	Western Gerygone					X	X			X	X	X
Sericornis frontalis	White-browed Scrubwren					X				X		
Smicrornis brevirostris	Weebill					X				X	X	X
Artamidae												
Artamus cinereus	Black-faced Woodswallow					X	X			X	X	X
Artamus cyanopterus	Dusky Woodswallow					X				X		
Cracticus nigrogularis	Pied Butcherbird										X	

Family *Scientific Name*	Common Name	Introduced	Conservation Codes			ALA	Dandjoo	EPBC PMST	DBCA T and P	Birdata	Previous Surveys	Current Survey
			EPBC Act	BC Act	DBCA Priority Fauna List							
Cracticus torquatus	Grey Butcherbird					X				X	X	X
Gymnorhina tibicen	Australian Magpie					X				X	X	X
Strepera versicolor	Grey Currawong					X				X		
Campephagidae												
Coracina novaehollandiae	Black-faced Cuckoo-shrike					X				X	X	X
Lalage tricolor	White-winged Triller					X				X		
Neosittidae												
Daphoenositta chrysoptera	Varied Sittella					X				X		
Pachycephalidae												
Colluricincla harmonica	Grey Shrike-thrush					X				X	X	
Pachycephala pectoralis	Golden Whistler					X	X					
Pachycephala rufiventris	Rufous Whistler					X	X			X	X	X
Rhipiduridae												
Rhipidura albiscapa	Grey Fantail					X	X			X	X	X
Rhipidura leucophrys	Willie Wagtail					X				X	X	X
Monarchidae												
Grallina cyanoleuca	Magpie-lark					X				X	X	X
Myiagra inquieta	Restless Flycatcher					X	X					
Corvidae												
Corvus coronoides	Australian Raven					X				X	X	X
Petroicidae												
Melanodryas cucullata	Hooded Robin					X						

Family *Scientific Name*	Common Name	Introduced	Conservation Codes			ALA	Dandjoo	EPBC PMST	DBCA T and P	Birdata	Previous Surveys	Current Survey
			EPBC Act	BC Act	DBCA Priority Fauna List							
Petroica boodang	Scarlet Robin					X				X		
Petroica goodenovii	Red-Capped Robin					X				X		
Hirundinidae												
Hirundo neoxena	Welcome Swallow					X	X			X	X	X
Petrochelidon nigricans	Tree Martin					X				X	X	
Cincloramphus cruralis	Brown Songlark					X						
Cincloramphus mathewsi	Rufous Songlark					X					X	X
Poodytes gramineus	Little Grassbird										X	
Zosteropidae												
Zosterops lateralis	Silvereye					X				X		X
Zosterops lateralis chloronotus											X	
Dicaeidae												
Dicaeum hirundinaceum	Mistletoebird					X						
Estrildidae												
Stagonopleura oculata	Red-eared Firetail					X	X					
Motacillidae												
Motacilla cinerea	Grey Wagtail		MI	MI				X				
Anthus novaeseelandiae	Australian Pipit						X					X

Table F.4: Mammal species list – results of database searches, literature reviews and Astron survey results.

Family *Scientific Name*	Common Name	Introduced	Conservation Codes			ALA	Dandjoo	EPBC PMST	DBCA T and P	Previous Surveys	Current Survey
			EPBC Act	BC Act	DBCA Priority Fauna List						
Dasyuridae											
Dasyurus geoffroii fortis	Western Quoll, Chuditch		VU	VU			X	X	X		
Phascogale tapoatafa wambenger	Wambenger Brush-tailed Phascogale			CD			X		X		
Peramelidae											
Isoodon fusciventer	Quenda				P4		X		X		X
Thylacomyidae											
Macrotis lagotis	Greater Bilby, Dalgyte		VU	VU			X		X		
Tarsipedidae											
Tarsipes rostratus	Honey Possum, Noolbenger						X				
Macropodidae											
Macropus fuliginosus melanops	Western Grey Kangaroo					X	X			X	X
Notamacropus irma	Western Brush Wallaby				P4		X				
Osphranter robustus erubescens	Euro, Biggada									X	
Petrogale lateralis lateralis	Black-footed Rock-wallaby		EN	EN			X				
Muridae											
Hydromys chrysogaster	Water-rat				P4		X				
Mus musculus	House Mouse	*				X	X				
Rattus rattus	Black Rat	*				X	X			X	
Leporidae											

Family *Scientific Name*	Common Name	Introduced	Conservation Codes			ALA	Dandjoo	EPBC PMST	DBCA T and P	Previous Surveys	Current Survey
			EPBC Act	BC Act	DBCA Priority Fauna List						
Oryctolagus cuniculus	Rabbit	*				X				X	X
Vespertilionidae											
Vespadelus regulus	Southern Forest Bat					X	X				
Canidae											
Canis familiaris familiaris	Dog	*								X	
Vulpes vulpes	Red Fox	*				X				X	X
Felidae											
Felis catus	Cat	*								X	

Appendix G: Threatened and Priority Flora and Fauna Species Likelihood of Occurrence within the Survey Area

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Table G.1: Likelihood of occurrence of significant flora species potentially occurring in the survey area

Species	Habit and flowering information	Life form	Habitat	Distance of nearest record (km)	Source	Likelihood of occurrence	
						Pre-survey	Post-survey
Threatened							
Acacia anomala	Slender, rush-like shrub, 0.2-0.5 m high. Flowers yellow, August to September	Perennial	Lateritic soils. Slopes.	1.3	PMST, WA Herb	Likely	Unlikely – habitat not within survey area, high survey effort
Andersonia gracilis	Slender erect or open straggly shrub, 0.1-0.5 (-1) m high. Flowers white-pink-purple, September to November.	Perennial	White/grey sand, sandy clay, gravelly loam. Winter-wet areas, near swamps.	Within 5 km	PMST	Potential	Unlikely - high survey effort and survey timing aligned with species flowering period
Anigozanthos viridis subsp. *terraspectans*	Rhizomatous, herb, 0.05-0.2 m high. Flowers green/yellow-green, August to September	Perennial	Grey sand, clay loam. Winter-wet depressions.	Within 5 km	PMST	Potential	Unlikely - high survey effort of potential habitat
Banksia mimica	Prostrate, lignotuberous shrub, 0.15-0.4 m high. Flowers yellow-brown, December or January to February.	Perennial	White or grey sand over laterite, sandy loam.	Within 5 km	PMST	Potential	Unlikely - high survey effort

Species	Habit and flowering information	Life form	Habitat	Distance of nearest record (km)	Source	Likelihood of occurrence	
						Pre-survey	Post-survey
Caladenia huegelii	Tuberous, deciduous herb 0.25-0.6 m high. Flowers green, cream and red, September to October	Perennial	Grey or brown sand, clay loam.	Within 5 km	PMST	Potential	Unlikely - high survey effort and survey timing aligned with species flowering period. High degree of clearing and grazing.
Chamelaucium lullfitzii	Erect open branching shrub to ca 1.8 m high. Flowers white, September to December.	Perennial	Slopes. Dry white/grey, yellow-orange/gravelly sand.	Within 5 km	PMST	Potential	Unlikely - high survey effort and survey timing aligned with species flowering period
Conospermum densiflorum subsp. *unicephalatum*	Erect, much branched shrub, 0.3-0.6 m high, inflorescence a spike. Flowers cream-white & blue, September to November	Perennial	Clay soils, low lying areas	Within 5 km	PMST	Potential	Unlikely - high survey effort and survey timing aligned with species flowering period
Darwinia foetida	Erect or spreading shrub, 0.7 m high. Crowded angular leaves to 5 mm long, green. Flowers green, brown, September to February or May	Perennial	Low plain with dry grey sand. Plain. Winter wet depression, grey/brown soil. Seasonally wet area.	0.8	PMST, TPFL, WA Herb	Likely	Unlikely - high survey effort and survey timing aligned with species flowering period

Species	Habit and flowering information	Life form	Habitat	Distance of nearest record (km)	Source	Likelihood of occurrence	
						Pre-survey	Post-survey
Diplolaena andrewsii	Erect shrub, 0.5-1 m high, inner involucral bracts glabrous, leaves broadly cordate. Flowers red, July to October.	Perennial	Loam, clay. Granite outcrops & hillsides.	Within 5 km	PMST	Potential	Unlikely - high survey effort and unsuitable habitat
Diuris micrantha	Tuberous, herb, 0.3-0.6 m high. Flowers yellow and brown, September to October.	Perennial	Brown loamy clay. Winter-wet swamps, in shallow water.	Within 5 km	PMST	Potential	Unlikely - high survey effort and survey timing aligned with species flowering period. High degree of clearing and grazing.
Diuris purdiei	Tuberous perennial herb, 0.15-0.35 m high. Yellow flowers, September to October		Grey-black sand, moist. Winter-wet swamps.	Within 5 km	PMST	Potential	Unlikely - high survey effort and survey timing aligned with species flowering period. High degree of clearing and grazing.

Species	Habit and flowering information	Life form	Habitat	Distance of nearest record (km)	Source	Likelihood of occurrence	
						Pre-survey	Post-survey
Drakaea elastica	Tuberous herb, 0.12-0.3 m high. Flowers red, green and yellow, October to November.	Perennial	White or grey sand. Low-lying situations adjoining winter-wet swamps.	Within 5 km	PMST	Potential	Unlikely - high survey effort and survey timing aligned with species flowering period, however primary survey time of winter was not surveyed. High degree of clearing and grazing.
Eleocharis keigheryi	Rhizomatous, clumped grass-like or herb (sedge), to 0.4 m high. Flowers green, August to November.	Perennial	Clay, sandy loam. Emergent in freshwater: creeks, claypans.	3.3	PMST, TPFL, WA Herb	Potential	Unlikely - high survey effort and survey timing aligned with species flowering period
Eucalyptus leprophloia	Mallee, 2-5 (-8) m high. Flowers cream-white, August to October.	Perennial	White or grey sand over laterite. Valley slopes.	Within 5 km	PMST	Potential	Unlikely - high survey effort and unsuitable habitat
Grevillea althoferorum subsp. *fragilis*	Bluish-green, lignotuberous shrub ca. 0.3 m high. Flowers yellow.	Perennial	Greyish-yellow colluvial sand.	4.6	TPFL, WA Herb	Potential	Unlikely - high survey effort
Grevillea christineae	Erect, wiry shrub, 0.5-0.6 m high. Flowers white-cream, August to September.	Perennial	Clay loam, sandy clay, often moist.	Within 5 km	PMST	Potential	Unlikely - high survey effort and unsuitable habitat

Species	Habit and flowering information	Life form	Habitat	Distance of nearest record (km)	Source	Likelihood of occurrence	
						Pre-survey	Post-survey
Grevillea curviloba	Prostrate to erect shrub, 0.1-2.5 m high. Flowers white-cream, August to October.	Perennial	Grey sand, sandy loam. Winter-wet heath	1.0	TPFL, WA Herb	Likely	Recorded within survey area
Macarthuria keigheryi	Erect or spreading herb or shrub, 0.2-0.4 m high, 0.3-0.6 m wide. Flowers September to December or February to March.	Perennial	White or grey sand.	Within 5 km	PMST	Potential	Unlikely - high survey effort and survey timing aligned with species flowering period
Synaphea sp. Fairbridge Farm (D. Papenfus 696)	Dense, clumped subshrub, 25–65 cm high, 20–80 cm wide. Flowers yellow, September to November	Perennial	Grey, clayey sand with lateritic pebbles in low woodland areas near winter flats	Within 5 km	PMST	Potential	Unlikely - high survey effort and survey timing aligned with species flowering period
Thelymitra dedmaniarum	Tuberous herb to 0.8 m high. Flowers yellow, November to January	Perennial	Granite	Within 5 km	PMST	Potential	Unlikely - high survey effort and unsuitable habitat. High degree of clearing and grazing.

Species	Habit and flowering information	Life form	Habitat	Distance of nearest record (km)	Source	Likelihood of occurrence	
						Pre-survey	Post-survey
Thelymitra stellata	Tuberous herb, 0.15-0.25 m high. Flowers yellow and brown, October to November.	Perennial	Sand, gravel, lateritic loam.	Within 5 km	PMST	Potential	Unlikely - high survey effort and survey timing aligned with species flowering period. High degree of clearing and grazing.
Priority 1							
Hydrocotyle striata	Prostrate herb, 0.06-0.3 m in diameter. Leaves with shallow palmate lobing, glabrous, fleshy.	Annual	Clay. Springs. Winter wet creekline on sandy soil. Light leaf litter on dark brown sandy humic loam	2.3	WA Herb	Potential	Unlikely - high survey effort
Priority 2							
Netrostylis sp. Chandala (G.J. Keighery 17055)	No information available.	No information available.	No information available.	2.4	WA Herb	Potential	Unlikely - high survey effort
Priority 3							
Cyathochaeta teretifolia	Rhizomatous, clumped, robust grass-like or herb (sedge), to 2 m high. Flowers brown.	Perennial	Grey sand, sandy clay. Swamps, creek edges	1.1	TPFL	Likely	Unlikely - high survey effort
Eryngium pinnatifidum subsp. Palustre (G.J. Keighery 13459)	Tuberous herb to 0.4 m high. Flowers blue, November	Short-lived perennial	Alluvial flat, grey sand over clay. Winter wet depressions.	4.0	WA Herb	Potential	Unlikely - high survey effort

Species	Habit and flowering information	Life form	Habitat	Distance of nearest record (km)	Source	Likelihood of occurrence	
						Pre-survey	Post-survey
Guichenotia tuberculata	Erect, open shrub, 0.6-0.9 m high. Flowers purple-pink, August to October.	Perennial	Sand clay over laterite sand	1.3	WA Herb	Likely	Unlikely - high survey effort and survey timing aligned with species flowering period
Persoonia rudis	Erect, often spreading shrub, 0.2-1 m high. Flowers yellow, September to December or January.	Perennial	White, grey or yellow sand, often over laterite.	3.5	TPFL, WA Herb	Potential	Unlikely - high survey effort and survey timing aligned with species flowering period
Platysace ramosissima	Herb, to 0.3 m high. Flowers white/cream, October to November.	Perennial	Sandy soils	3.5	TPFL, WA Herb	Potential	Unlikely - high survey effort and survey timing aligned with species flowering period
Schoenus capillifolius	Semi-aquatic, tufted grass-like or herb (sedge), 0.05 m high. Flowers green, October to November.	Annual	Brown mud. Claypans.	4.3	TPFL, WA Herb	Potential	Unlikely - high survey effort and survey timing aligned with species flowering period
Stylidium aceratum	Fibrous-rooted annual herb to 0.09 m high. Flowers pink/white, October to November.	Annual	Sandy soils. Swamp heathland	3.5	WA Herb	Potential	Unlikely - high survey effort and survey timing aligned with species flowering period

Species	Habit and flowering information	Life form	Habitat	Distance of nearest record (km)	Source	Likelihood of occurrence	
						Pre-survey	Post-survey
Stylidium paludicola	Reed-like herb (sedge), 0.35-1.0 m high. Leaves tufted, linear or subulate or narrowly oblanceolate, 0.5-4 cm long, 0.5-1.5 mm wide, apex acute, margin entire, glabrous. Scape mostly glabrous, inflorescence axis glandular. Inflorescence racemose. Flowers pink, October to December.	Perennial	Peaty sand over clay. Winter wet habitats. Marri and Melaleuca woodland, Melaleuca shrubland.	1.3	WA Herb	Likely	Unlikely - high survey effort and survey timing aligned with species flowering period
Verticordia serrata var. *linearis*	Shrub, to 1 m high, differs from other varieties in the linear acuminate leaves 6-20 mm long; cilia to 1.2 mm long. Flowers yellow, September to October.	Perennial	White sand, gravel. Open woodland	1.3	WA Herb	Likely	Unlikely - high survey effort and survey timing aligned with species flowering period
Priority 4							
Drosera occidentalis	Fibrous-rooted, rosetted herb, to 0.025 m high. Flowers pink/white, October to December or January.	Perennial	Swamps and winter-wet slopes, grey-brown clayey sand.	1.3	WA Herb	Likely	Unlikely - high survey effort and survey timing aligned with species flowering period
Hydrocotyle lemnoides	Aquatic, floating herb. Flowers purple, August to October	Annual	Swamps, seasonal wetlands, brown-grey clay.	1.3	WA Herb	Likely	Unlikely - high survey effort and survey timing aligned with species flowering period

Table G.2: Likelihood of occurrence of significant vertebrate fauna species potentially occurring in the survey area.

Group Common name (scientific name)	Conservation codes			Preferred habitat and previous records	Pre-survey likelihood of occurrence	Post-survey likelihood of occurrence
	EPBC Act	BC Act	DBCA			
Reptiles						
Western Swamp Tortoise *(Pseudemydura umbrina)*	CR	CR		Current distribution is restricted to Ellen Brook Nature Reserve, Twin Swamps Nature Reserve, Mogumber Nature Reserve and Moore River Nature Reserve. Inhabits shallow, ephemeral, winter- and spring-wet swamps on clay or sand over clay soils with nearby suitable aestivation refuges. Two records were detailed in the DBCA Threatened and Priority database search result. The most recent DBCA record (2019) is categorised as "not sure" in terms of reliability. This record was detected at a sewerage pond at the Pearce RAAF base, located approximately 4 km from the survey area. Consequently, this record is unreliable. The only other and closest record is from 1971. The limited nearby records and the disturbed, fragmented wetland habitat within the survey area, make it unlikely to support this species.	Low	Low
Jewelled South-west Ctenotus (Swan Coastal Plain subpop.) (*Ctenotus gemmula*)			P3	Occurs on pale sand plains supporting heaths in association with banksia or mallee woodlands. The northern sub population occurs along the lower west coastal plain from Cataby south to Perth. This population is uncommon despite extensive areas of suitable habitat. This species was detailed on the Dandjoo database result. The fauna habitats within the survey area are unlikely to support this species.	Low	Low
Black-striped Snake (*Neelaps calonotos*)			P3	Favours sandy soils supporting heath and *Banksia* woodland atop soft calcareous sand and, to a lesser extent, coastal heathlands and shrublands. Occurs from Dawesville to Port Denison and is relatively more abundant north of the Swan River. Preference for mature and fire-resistant habitats. Two historical records, the most recent from 1960, were detailed in the DBCA Threatened and Priority search result, approximately 3km from the survey area. The fauna habitats within the survey area are unlikely to support this species.	Low	Low

Group Common name (scientific name)	Conservation codes			Preferred habitat and previous records	Pre-survey likelihood of occurrence	Post-survey likelihood of occurrence
	EPBC Act	BC Act	DBCA			
Birds						
Malleefowl (*Leipoa ocellata*)	VU	VU		Largely confined to arid and semi-arid woodland that is dominated by mallee woodland on sandy soils with less than 430 mm of rainfall annually. No records were detailed on the database search. The PMST states that this species or species habitat 'may' occur within the area. Due to land clearing and the introduction of feral predators, this species has become locally extinct.	Low	Low
Streaked Shearwater (*Calonectris leucomelas*)	MI			Found over both pelagic and inshore waters. This species was detailed on the Dandjoo database result. This is a marine species, and the record is likely to be a vagrant.	Low	Low
Australian Bittern (*Botaurus poiciloptilus*)	EN	EN		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, cane grass or other dense vegetation. The PMST states that this species or species habitat 'may' occur within the area. Due to land clearing and the introduction of feral predators, this species has become locally extinct.	Low	Low
Australian Little Bittern (*Ixobrychus dubius*)			P4	Mostly found in freshwater wetlands, where they inhabit dense emergent vegetation of reeds and sedges, and inundated shrub thickets. One record detailed in the literature review, of an unknown distance from the survey area; the previous survey was a linear survey area, ranging from approximately 1 km east extending 35 km north. The limited nearby records and the disturbed, fragmented wetland habitat within the Survey Area, make it unlikely to support this species.	Low	Low
Australian Painted Snipe (*Rostratula australis*)	EN	EN		Inhabits shallow terrestrial freshwater wetlands, lakes, swamps and claypans. Also found in waterlogged grassland and saltmarsh. Typical sites include areas with emergent tussocks of grass, sedges or samphire; often scattered with clumps of lignum *Muehlenbeckia*, or cane grass or sometimes with tea-tree (*Melaleuca*). One record form 2012 was detailed in the DBCA Threatened and Priority search results, approximately 2.5 km from the survey area. The disturbed and fragmented wetland habitat within the survey area, make it unlikely to support this species.	Low	Low

Group Common name (scientific name)	Conservation codes			Preferred habitat and previous records	Pre-survey likelihood of occurrence	Post-survey likelihood of occurrence
	EPBC Act	BC Act	DBCA			
Common Sandpiper (*Actitis hypoleucos*)	MI	MI		Non-breeding migrant to a wide variety of habitats, such as riverbanks, estuaries, freshwater seeps on coastal shores, tidal creeks, mangrove swamps and saltmarshes. Found in coastal or inland wetlands, both saline or fresh, mainly on muddy edges or rocky shores. No records were detailed in the database search. The PMST states that this species or species habitat 'may' occur within the area. Due to the absence of nearby records, this species is unlikely to utilise habitats within the survey area.	Low	Low
Sharp-tailed Sandpiper (*Calidris acuminata*)	MI	MI		Muddy edges of shallow fresh/brackish wetlands with emergent sedges, saltmarsh, grass and low vegetation. This includes lagoons, swamps, lakes and pools near the coast, and dams, waterholes, soaks, bore drains and bore swamps, saltpans and hypersaline salt lakes inland. No records were detailed in the database search. The PMST states that this species or species habitat 'may' occur within the area. Due to the absence of nearby records, this species is unlikely to utilise habitats within the survey area.	Low	Low
Curlew Sandpiper (*Calidris ferruginea*)	CR & MI	CR & MI		Mainly occur on intertidal mudflats in sheltered coastal areas, such as estuaries, bays, inlets and lagoons, and also around non-tidal swamps, lakes and lagoons near the coast. They are also recorded inland, though less often, including around ephemeral and permanent lakes, dams, waterholes and bore drains, usually with bare edges of mud or sand. No records were detailed in the database search. The PMST states that this species or species habitat 'may' occur within the area. Due to the absence of nearby records and the lack of suitable habitats within the survey area, this species is unlikely to occur.	Low	Low
Pectoral Sandpiper (*Calidris melanotos*)	MI			Mainly found in swamps, lagoons, river pools, irrigation channels and sewerage ponds. Usually found in coastal or near coastal habitat but occasionally found further inland. It prefers wetlands that have open fringing mudflats and low, emergent or fringing vegetation, such as grass or samphire. No records were detailed in the database search. The PMST states that this species or species habitat 'may' occur within the area. Due to the absence of nearby records and the unsuitability of habitats within the survey area, this species is unlikely to occur.	Low	Low

Group Common name (scientific name)	Conservation codes			Preferred habitat and previous records	Pre-survey likelihood of occurrence	Post-survey likelihood of occurrence
	EPBC Act	BC Act	DBCA			
Far Eastern Curlew (*Numenius madagascariensis*)	CR & MI	CR & MI		Found on intertidal mudflats and sandflats, often with beds of seagrass, on sheltered coasts, especially estuaries, mangrove swamps, bays, harbours, lagoons. Rarely seen on near-coastal lakes. No records were detailed in the database search. The PMST states that this species or species habitat 'may' occur within the area. This species primarily inhabits coastal habitats, not found in the survey area.	Low	Low
Common Greenshank (*Tringa nebularia*)	MI	MI		A variety of freshwater, marine and artificial wetlands, including swamps, open muddy or rocky shores of lakes and large rivers, sewage farms, saltworks, muddy coastal flats, mangroves and estuaries. Inhabit permanent and ephemeral terrestrial wetlands, including swamps, lakes, dams, rivers, creeks, billabongs, waterholes and inundated floodplains, claypans and salt flats. No records were detailed in the database search. The PMST states that this species or species habitat 'may' occur within the area. Due to the absence of nearby records, this species is unlikely to utilise habitats within the survey area.	Low	Low
Fork-tailed (Pacific) Swift (*Apus pacificus*)	MI	MI		Summer migrant to Australia and occurs in low to very high airspace, largely independent of terrestrial habitats and landforms. No records were detailed in the database search. The PMST states that this species or species habitat is 'likely' to occur within the area. Vagrant. May occur occasionally but does not rely on terrestrial habitats.	Low	Low
Peregrine Falcon (*Falco peregrinus*)		OS		Cosmopolitan, will hunt in any habitat, soaring at height or from a perch; often near cliffs. Nests on rocky ledges in tall, vertical cliff faces and tall trees associated with drainage lines. One record from 2004 was detailed in the DBCA Threatened and Priority search result approximately 4 km from the survey area. This species may utilise tall trees in the survey area for hunting, but cliffs and rocky ledges are not in the vicinity and breeding habitat is limited.	Moderate	Moderate

Group Common name (scientific name)	Conservation codes			Preferred habitat and previous records	Pre-survey likelihood of occurrence	Post-survey likelihood of occurrence
	EPBC Act	BC Act	DBCA			
Forest Red-tailed Black Cockatoo (*Calyptorhynchus banksia naso*)	VU			Typically inhabits dense Jarrah, Karri and Marri forests of south-western WA. Has been observed in a range of other forest and woodland types, including Blackbutt, Wandoo, Tuart, Albany Blackbutt, Yate and Flooded gum. More recently feeding and breeding in more open agricultural areas and in the Perth metropolitan area. Seven records were detailed on the DBCA Threatened and Priority database search result, most recently in 2018, with the nearest record approximately 3.5km from the survey area. This species was recorded during the field survey.	High	Recorded
Baudin's Cockatoo (*Zanda baudinii*)	EN	EN		Eucalypt forest, where it feeds on mainly marri seeds, flowers, nectar and buds. Also feed on seeds of Eucalyptus, Hakea, Banksia and pine species. One record detailed in the literature review, of an unknown distance from the Survey Area; the previous survey was a linear survey area, ranging from approximately 1 km east extending 35 km north. The survey area is beyond the northern extent of this species known distribution and is unlikely to occur.	Low	Low
Carnaby's Cockatoo (*Zanda latirostris*)	EN	EN		Eucalypt woodland, principally Wandoo or Salmon Gum, and shrubland or Kwongan heath dominated by *Hakea, Dryandra* and *Banksia* species. Forages seasonally in pine plantations in areas that receive high rainfall, e.g. the Swan Coastal Plain and around the Perth metropolitan area. Also forages in forests containing Marri, Jarrah or Karri. Twenty-eight records were detailed on the DBCA Threatened and Priority database search result, most recently in 2018, with the nearest record approximately 1 km from the survey area. This species was recorded during the field survey.	High	Recorded
Grey Wagtail (*Motacilla cinerea*)	MI	MI		Mainly banks and rocks in fast flowing fresh water. Vagrant to Australia. The PMST states that this species or species habitat 'may' occur within the area. Due to the absence of nearby records and the lack of suitable habitats within the survey area, this species is unlikely to occur.	Low	Low

Group Common name (scientific name)	Conservation codes			Preferred habitat and previous records	Pre-survey likelihood of occurrence	Post-survey likelihood of occurrence
	EPBC Act	BC Act	DBCA			
Mammals						
Western Quoll, Chuditch (*Dasyurus geoffroii*)	VU	VU		Wide range of habitats from woodlands, dry sclerophyll forests, riparian vegetation, beaches and deserts. In Western Australia, Wandoo and Salmon Gum woodland, Mallee, Jarrah Forest and mixed Marri/Jarrah Forest. Two records were detailed on the DBCA Threatened and Priority database search result, most recently in 2006, and approximately 1 km from the survey area. Due to the disturbed and fragmented landscape, the lack of suitable habitats within the survey area, and the expected occurrence of feral predators, this species is unlikely to occur.	Moderate	Low
South-western Brush-tailed Phascogale *(Phascogale tapoatafa wambenger)*		CD		Common in dry sclerophyll forests and open woodlands that contain hollow-bearing trees but a sparse ground cover. One record from 1992 was detailed in the DBCA Threatened and Priority search result, approximately 1.3 km from the survey area. Due to the disturbed and fragmented landscape, the lack of suitable habitats within the survey area, and the expected occurrence of feral predators, this species is unlikely to occur.	Low	Low
Quenda (*Isoodon fusciventer*)			P4	Scrubby, often swampy, vegetation with dense cover up to 1 m high. Frequently forages in nearby forests and woodlands that are regularly burned, as well as in pasture and cropping areas situated near dense cover. Fourteen records were detailed on the DBCA Threatened and Priority database search result, most recently in 2020, with the nearest record approximately 1.3 km from the survey area. This species was recorded during the field survey.	High	Recorded
Bilby *(Macrotis lagotis)*	VU	VU		Occupy Mulga woodlands and scrublands, tussock and hummock grasslands on sandplains or along drainage or salt lake systems. They require sandy or loamy soils in which to burrow. One record from 1974 was detailed in the DBCA Threatened and Priority search result approximately 1.5 km from the survey area. Due to land clearing and the introduction of feral predators, this species has become locally extinct.	Low	Low

Group Common name (scientific name)	Conservation codes			Preferred habitat and previous records	Pre-survey likelihood of occurrence	Post-survey likelihood of occurrence
	EPBC Act	BC Act	DBCA			
Western Brush Wallaby (*Notamacropus irma*)			P4	Open forest or woodland, particularly favouring open, seasonally wet flats with low grasses and open scrubby thickets. It is also found in some areas of mallee and heathland. The western brush wallaby is now uncommon throughout its range. This species was detailed on the Dandjoo database search result. Due to the disturbed and fragmented landscape, and the expected occurrence of feral predators, this species is unlikely to occur.	Low	Low
Black-footed Rock-Wallaby *(Petrogale lateralis lateralis*)	EN	EN		Occurs in cliffs, rock-piles, talus or escarpment refuge and other steep substrates with grassland feeding habitat nearby. Also occurs on limestone outcrops, coastal cliffs and granite outcrops. This species was detailed on the Dandjoo database search result. No suitable habitat and due to land clearing and the introduction of feral predators, this species has become locally extinct.	Low	Low
Water Rat *(Hydromys chrysogaster)*			P4	Usually found near permanent bodies of fresh or brackish water along river and lake banks. They require areas with riparian vegetation and solid banks with minimal erosion, and a degree of habitat complexity. They can occupy a wide variety of freshwater habitats, from subalpine streams and other inland waterways to lakes, swamps, and farm dams This species was detailed on the Dandjoo database search result. Due to the disturbed and fragmented landscape, the lack of suitable habitats within the survey area, and the expected occurrence of feral predators, this species is unlikely to occur.	Low	Low

Note: EPBC Act = *Environment Protection and Biodiversity Conservation Act 1999*, BC Act = *Biodiversity and Conservation Act 2016*, DBCA = Department of Biodiversity, Conservation and Attractions, VU = Vulnerable, P = Priority, MI = Migratory, CR = Critically Endangered, OS = Specially Protected, EN = Endangered.

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. Please see the caveat for interpretation of information provided here.

Report created: 19-Sep-2024

Summary
Details
- Matters of NES
- Other Matters Protected by the EPBC Act
- Extra Information

Caveat
Acknowledgements

Summary

Matters of National Environment Significance

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

World Heritage Properties:	None
National Heritage Places:	None
Wetlands of International Importance (Ramsar	None
Great Barrier Reef Marine Park:	None
Commonwealth Marine Area:	None
Listed Threatened Ecological Communities:	7
Listed Threatened Species:	37
Listed Migratory Species:	8

Other Matters Protected by the EPBC Act

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

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

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

Commonwealth Lands:	149
Commonwealth Heritage Places:	None
Listed Marine Species:	12
Whales and Other Cetaceans:	None
Critical Habitats:	None
Commonwealth Reserves Terrestrial:	None
Australian Marine Parks:	None
Habitat Critical to the Survival of Marine Turtles:	None

Extra Information

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

State and Territory Reserves:	3
Regional Forest Agreements:	1
Nationally Important Wetlands:	None
EPBC Act Referrals:	6
Key Ecological Features (Marine):	None
Biologically Important Areas:	None
Bioregional Assessments:	None
Geological and Bioregional Assessments:	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.
Status of Vulnerable, Disallowed and Ineligible are not MNES under the EPBC Act.

Community Name	Threatened Category	Presence Text	Buffer Status
Assemblages of plants and invertebrate animals of tumulus (organic mound) springs of the Swan Coastal Plain	Endangered	Community known to occur within area	In buffer area only
Banksia Woodlands of the Swan Coastal Plain ecological community	Endangered	Community likely to occur within area	In feature area
Clay Pans of the Swan Coastal Plain	Critically Endangered	Community likely to occur within area	In buffer area only
Corymbia calophylla - Xanthorrhoea preissii woodlands and shrublands of the Swan Coastal Plain	Endangered	Community known to occur within area	In buffer area only
Empodisma peatlands of southwestern Australia	Endangered	Community may occur within area	In feature area
Shrublands and Woodlands on Muchea Limestone of the Swan Coastal Plain	Endangered	Community known to occur within area	In buffer area only
Tuart (Eucalyptus gomphocephala) Woodlands and Forests of the Swan Coastal Plain ecological community	Critically Endangered	Community may occur within area	In feature area

Listed Threatened Species [Resource Information]

Status of Conservation Dependent and Extinct are not MNES under the EPBC Act.
Number is the current name ID.

Scientific Name	Threatened Category	Presence Text	Buffer Status
BIRD			
Botaurus poiciloptilus			
Australasian Bittern [1001]	Endangered	Species or species habitat may occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
[Calidris acuminata](#) Sharp-tailed Sandpiper [874]	Vulnerable	Species or species habitat may occur within area	In feature area
[Calidris ferruginea](#) Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area	In feature area
[Calyptorhynchus banksii naso](#) Forest Red-tailed Black-Cockatoo, Karrak [67034]	Vulnerable	Species or species habitat likely to occur within area	In feature area
[Leipoa ocellata](#) Malleefowl [934]	Vulnerable	Species or species habitat likely to occur within area	In feature area
[Numenius madagascariensis](#) Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat may occur within area	In feature area
[Rostratula australis](#) Australian Painted Snipe [77037]	Endangered	Species or species habitat known to occur within area	In feature area
[Tringa nebularia](#) Common Greenshank, Greenshank [832]	Endangered	Species or species habitat likely to occur within area	In buffer area only
[Zanda latirostris listed as Calyptorhynchus latirostris](#) Carnaby's Black Cockatoo, Short-billed Black-cockatoo [87737]	Endangered	Species or species habitat known to occur within area	In feature area
FISH			
[Galaxiella nigrostriata](#) Blackstriped Dwarf Galaxias, Black-stripe Minnow [88677]	Endangered	Species or species habitat known to occur within area	In buffer area only
INSECT			
[Hesperocolletes douglasi](#) Douglas' Broad-headed Bee, Rottnest Bee [66734]	Critically Endangered	Species or species habitat may occur within area	In buffer area only
MAMMAL			
[Dasyurus geoffroii](#) Chuditch, Western Quoll [330]	Vulnerable	Species or species habitat known to occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
OTHER			
Westralunio carteri			
Carter's Freshwater Mussel, Freshwater Mussel [86266]	Vulnerable	Species or species habitat may occur within area	In buffer area only
PLANT			
Acacia anomala			
Grass Wattle, Chittering Grass Wattle [8153]	Vulnerable	Species or species habitat likely to occur within area	In buffer area only
Andersonia gracilis			
Slender Andersonia [14470]	Endangered	Species or species habitat likely to occur within area	In feature area
Anigozanthos viridis subsp. terraspectans			
Dwarf Green Kangaroo Paw [3435]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Banksia mimica			
Summer Honeypot [82765]	Endangered	Species or species habitat may occur within area	In feature area
Caladenia huegelii			
King Spider-orchid, Grand Spider-orchid, Rusty Spider-orchid [7309]	Endangered	Species or species habitat likely to occur within area	In buffer area only
Caleana dixonii listed as Paracaleana dixonii			
Sandplain Duck Orchid [87944]	Endangered	Species or species habitat may occur within area	In buffer area only
Chamelaucium lullfitzii listed as Chamelaucium sp. Gingin (N.G.Marchant 6)			
Gingin Wax [92777]	Endangered (listed as Chamelaucium sp. Gingin	Species or species habitat may occur within area	In buffer area only
Conospermum densiflorum subsp. unicephalatum			
One-headed Smokebush [64871]	Endangered	Species or species habitat may occur within area	In buffer area only
Darwinia foetida			
Muchea Bell [83190]	Critically Endangered	Species or species habitat known to occur within area	In feature area
Diplolaena andrewsii			
[6601]	Endangered	Species or species habitat likely to occur within area	In buffer area only

Scientific Name	Threatened Category	Presence Text	Buffer Status
Diuris micrantha Dwarf Bee-orchid [55082]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Diuris purdiei Purdie's Donkey-orchid [12950]	Endangered	Species or species habitat may occur within area	In feature area
Drakaea elastica Glossy-leafed Hammer Orchid, Glossy-leaved Hammer Orchid, Warty Hammer Orchid [16753]	Endangered	Species or species habitat likely to occur within area	In feature area
Eleocharis keigheryi Keighery's Eleocharis [64893]	Vulnerable	Species or species habitat known to occur within area	In feature area
Eucalyptus leprophloia Scaly Butt Mallee, Scaly-butt Mallee [56712]	Endangered	Species or species habitat may occur within area	In buffer area only
Grevillea althoferorum [64906]	Endangered	Species or species habitat likely to occur within area	In buffer area only
Grevillea christineae Christine's Grevillea [64520]	Endangered	Species or species habitat likely to occur within area	In buffer area only
Grevillea curviloba subsp. curviloba Curved-leaf Grevillea [64908]	Endangered	Species or species habitat known to occur within area	In feature area
Grevillea curviloba subsp. incurva Narrow curved-leaf Grevillea [64909]	Endangered	Species or species habitat likely to occur within area	In feature area
Macarthuria keigheryi Keighery's Macarthuria [64930]	Endangered	Species or species habitat may occur within area	In feature area
Synaphea sp. Fairbridge Farm (D.Papenfus 696) Selena's Synaphea [82881]	Critically Endangered	Species or species habitat likely to occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Thelymitra dedmaniarum Cinnamon Sun Orchid [65105]	Endangered	Species or species habitat may occur within area	In feature area
Thelymitra stellata Star Sun-orchid [7060]	Endangered	Species or species habitat likely to occur within area	In feature area
REPTILE			
Pseudemydura umbrina Western Swamp Tortoise [1760]	Critically Endangered	Species or species habitat may occur within area	In buffer area only

Listed Migratory Species		[Resource Information]	
Scientific Name	Threatened Category	Presence Text	Buffer Status
Migratory Marine Birds			
Apus pacificus Fork-tailed Swift [678]		Species or species habitat likely to occur within area	In feature area
Migratory Terrestrial Species			
Motacilla cinerea Grey Wagtail [642]		Species or species habitat may occur within area	In feature area
Migratory Wetlands Species			
Actitis hypoleucos Common Sandpiper [59309]		Species or species habitat may occur within area	In feature area
Calidris acuminata Sharp-tailed Sandpiper [874]	Vulnerable	Species or species habitat may occur within area	In feature area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area	In feature area
Calidris melanotos Pectoral Sandpiper [858]		Species or species habitat may occur within area	In feature area
Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat may occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Tringa nebularia			
Common Greenshank, Greenshank [832]	Endangered	Species or species habitat likely to occur within area	In buffer area only

Other Matters Protected by the EPBC Act

Commonwealth Lands [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.

Commonwealth Land Name	State	Buffer Status
Defence		
Defence - MUCHEA ARMAMENT RANGE [50090]	WA	In buffer area only
Defence - MUCHEA ARMAMENT RANGE [50075]	WA	In buffer area only
Defence - MUCHEA ARMAMENT RANGE [50070]	WA	In buffer area only
Defence - MUCHEA ARMAMENT RANGE [50074]	WA	In buffer area only
Defence - MUCHEA ARMAMENT RANGE [50073]	WA	In buffer area only
Defence - MUCHEA ARMAMENT RANGE [50085]	WA	In buffer area only
Defence - MUCHEA ARMAMENT RANGE [50087]	WA	In buffer area only
Defence - MUCHEA ARMAMENT RANGE [50089]	WA	In buffer area only
Defence - MUCHEA ARMAMENT RANGE [50088]	WA	In buffer area only
Defence - MUCHEA ARMAMENT RANGE [50056]	WA	In buffer area only
Defence - MUCHEA ARMAMENT RANGE [50066]	WA	In buffer area only
Defence - MUCHEA ARMAMENT RANGE [50069]	WA	In buffer area only
Defence - MUCHEA ARMAMENT RANGE [50067]	WA	In buffer area only
Defence - MUCHEA ARMAMENT RANGE [50093]	WA	In buffer area only
Defence - PEARCE - AP15 WATER TREATMENT PLANT [50245]	WA	In buffer area only
Defence - PEARCE - AP15 WATER TREATMENT PLANT [50246]	WA	In buffer area only
Defence - PEARCE - AP15 WATER TREATMENT PLANT [50247]	WA	In buffer area only

Commonwealth Land Name	State	Buffer Status
Defence - PEARCE - AP17 WATER SUPPLY TANKS [50004]	WA	In buffer area only
Defence - PEARCE - AP19 HF RECEIVER STATION BULLSBROOK [50053]	WA	In buffer area only
Defence - PEARCE - AP19 HF RECEIVER STATION BULLSBROOK [50038]	WA	In buffer area only
Defence - PEARCE - AP19 HF RECEIVER STATION BULLSBROOK [50027]	WA	In buffer area only
Defence - PEARCE - AP19 HF RECEIVER STATION BULLSBROOK [50050]	WA	In buffer area only
Defence - PEARCE - AP19 HF RECEIVER STATION BULLSBROOK [50041]	WA	In buffer area only
Defence - PEARCE - AP19 HF RECEIVER STATION BULLSBROOK [50052]	WA	In feature area
Defence - PEARCE - AP19 HF RECEIVER STATION BULLSBROOK [50039]	WA	In buffer area only
Defence - PEARCE - AP19 HF RECEIVER STATION BULLSBROOK [50025]	WA	In buffer area only
Defence - PEARCE - AP19 HF RECEIVER STATION BULLSBROOK [50024]	WA	In buffer area only
Defence - PEARCE - AP19 HF RECEIVER STATION BULLSBROOK [50051]	WA	In feature area
Defence - PEARCE - AP19 HF RECEIVER STATION BULLSBROOK [50047]	WA	In buffer area only
Defence - PEARCE - AP19 HF RECEIVER STATION BULLSBROOK [50043]	WA	In buffer area only
Defence - PEARCE - AP19 HF RECEIVER STATION BULLSBROOK [50029]	WA	In buffer area only
Defence - PEARCE - AP19 HF RECEIVER STATION BULLSBROOK [50028]	WA	In buffer area only
Defence - PEARCE - AP19 HF RECEIVER STATION BULLSBROOK [50022]	WA	In buffer area only
Defence - PEARCE - AP19 HF RECEIVER STATION BULLSBROOK [50021]	WA	In buffer area only
Defence - PEARCE - AP19 HF RECEIVER STATION BULLSBROOK [50020]	WA	In buffer area only
Defence - PEARCE - AP19 HF RECEIVER STATION BULLSBROOK [50040]	WA	In buffer area only
Defence - PEARCE - AP19 HF RECEIVER STATION BULLSBROOK [50042]	WA	In buffer area only

Commonwealth Land Name	State	Buffer Status
Defence - PEARCE - AP19 HF RECEIVER STATION BULLSBROOK [50023]	WA	In buffer area only
Defence - PEARCE - AP19 HF RECEIVER STATION BULLSBROOK [50054]	WA	In feature area
Defence - PEARCE - AP19 HF RECEIVER STATION BULLSBROOK [50055]	WA	In buffer area only
Defence - PEARCE - AP19 HF RECEIVER STATION BULLSBROOK [50046]	WA	In buffer area only
Defence - PEARCE - AP19 HF RECEIVER STATION BULLSBROOK [50049]	WA	In buffer area only
Defence - PEARCE - AP19 HF RECEIVER STATION BULLSBROOK [50033]	WA	In buffer area only
Defence - PEARCE - AP19 HF RECEIVER STATION BULLSBROOK [50026]	WA	In buffer area only
Defence - PEARCE - AP19 HF RECEIVER STATION BULLSBROOK [50048]	WA	In buffer area only
Defence - PEARCE - AP19 HF RECEIVER STATION BULLSBROOK [50019]	WA	In buffer area only
Defence - PEARCE - AP19 HF RECEIVER STATION BULLSBROOK [50044]	WA	In buffer area only
Defence - PEARCE - AP19 HF RECEIVER STATION BULLSBROOK [50045]	WA	In buffer area only
Defence - PEARCE - AP19 HF RECEIVER STATION BULLSBROOK [50032]	WA	In buffer area only
Defence - PEARCE - AP19 HF RECEIVER STATION BULLSBROOK [50031]	WA	In buffer area only
Defence - PEARCE - AP19 HF RECEIVER STATION BULLSBROOK [50030]	WA	In buffer area only
Defence - PEARCE - AP19 HF RECEIVER STATION BULLSBROOK [50034]	WA	In buffer area only
Defence - PEARCE - AP19 HF RECEIVER STATION BULLSBROOK [50037]	WA	In buffer area only
Defence - PEARCE - AP19 HF RECEIVER STATION BULLSBROOK [50036]	WA	In buffer area only
Defence - PEARCE - AP19 HF RECEIVER STATION BULLSBROOK [50035]	WA	In buffer area only
Defence - PEARCE - AP3 RADAR STATION BULLSBROOK [50194]	WA	In buffer area only
Defence - PEARCE - AP4 AERIAL FARM [50253]	WA	In buffer area only

Commonwealth Land Name	State	Buffer Status
Defence - PEARCE - AP4 AERIAL FARM [50252]	WA	In buffer area only
Defence - PEARCE - AP4 AERIAL FARM [50250]	WA	In buffer area only
Defence - PEARCE - AP4 AERIAL FARM [50251]	WA	In buffer area only
Defence - PEARCE - AP4 AERIAL FARM [50248]	WA	In buffer area only
Defence - PEARCE - AP4 AERIAL FARM [50249]	WA	In buffer area only
Defence - PEARCE - AP5 OPERATIONS SITE [50018]	WA	In buffer area only
Defence - PEARCE - AP6 OBSTRUCTION BEACON NO.3 [50241]	WA	In buffer area only
Defence - PEARCE - AP8 BORE SITES [50005]	WA	In feature area
Defence - PEARCE - RAAF BASE [50010]	WA	In buffer area only
Defence - PEARCE - RAAF BASE [50013]	WA	In buffer area only
Defence - PEARCE - RAAF BASE [50012]	WA	In buffer area only
Defence - PEARCE - RAAF BASE [50016]	WA	In buffer area only
Defence - PEARCE - RAAF BASE [50017]	WA	In buffer area only
Defence - PEARCE - RAAF BASE [50014]	WA	In buffer area only
Defence - PEARCE - RAAF BASE [50015]	WA	In buffer area only
Defence - PEARCE - RAAF BASE [50011]	WA	In buffer area only
Defence - PEARCE - RAAF BASE [50008]	WA	In buffer area only
Defence - PEARCE - RAAF BASE [50009]	WA	In buffer area only
Defence - PEARCE - RAAF BASE [50007]	WA	In buffer area only
Defence - PEARCE - RAAF BASE [50006]	WA	In buffer area only
Defence - VACANT LAND - BULLSBROOK AP102 [50255]	WA	In buffer area only
Unknown		
Commonwealth Land - [50313]	WA	In buffer area only
Commonwealth Land - [50298]	WA	In buffer area only
Commonwealth Land - [50895]	WA	In buffer area only
Commonwealth Land - [50897]	WA	In buffer area only
Commonwealth Land - [50891]	WA	In buffer area only

Commonwealth Land Name	State	Buffer Status
Commonwealth Land - [50898]	WA	In buffer area only
Commonwealth Land - [50893]	WA	In buffer area only
Commonwealth Land - [50890]	WA	In buffer area only
Commonwealth Land - [50899]	WA	In buffer area only
Commonwealth Land - [50892]	WA	In buffer area only
Commonwealth Land - [50299]	WA	In buffer area only
Commonwealth Land - [50912]	WA	In buffer area only
Commonwealth Land - [50911]	WA	In buffer area only
Commonwealth Land - [50910]	WA	In buffer area only
Commonwealth Land - [50913]	WA	In buffer area only
Commonwealth Land - [50286]	WA	In buffer area only
Commonwealth Land - [50285]	WA	In buffer area only
Commonwealth Land - [50287]	WA	In buffer area only
Commonwealth Land - [50909]	WA	In buffer area only
Commonwealth Land - [50284]	WA	In buffer area only
Commonwealth Land - [50908]	WA	In buffer area only
Commonwealth Land - [50295]	WA	In buffer area only
Commonwealth Land - [50294]	WA	In buffer area only
Commonwealth Land - [50297]	WA	In buffer area only
Commonwealth Land - [50296]	WA	In buffer area only
Commonwealth Land - [50290]	WA	In buffer area only
Commonwealth Land - [50291]	WA	In buffer area only
Commonwealth Land - [50292]	WA	In buffer area only
Commonwealth Land - [50293]	WA	In buffer area only
Commonwealth Land - [50282]	WA	In buffer area only
Commonwealth Land - [50277]	WA	In buffer area only
Commonwealth Land - [50281]	WA	In buffer area only

Commonwealth Land Name	State	Buffer Status
Commonwealth Land - [50276]	WA	In buffer area only
Commonwealth Land - [50289]	WA	In buffer area only
Commonwealth Land - [50925]	WA	In buffer area only
Commonwealth Land - [50278]	WA	In buffer area only
Commonwealth Land - [50279]	WA	In buffer area only
Commonwealth Land - [50273]	WA	In buffer area only
Commonwealth Land - [51377]	WA	In buffer area only
Commonwealth Land - [50274]	WA	In buffer area only
Commonwealth Land - [50275]	WA	In buffer area only
Commonwealth Land - [50283]	WA	In buffer area only
Commonwealth Land - [50921]	WA	In buffer area only
Commonwealth Land - [50300]	WA	In buffer area only
Commonwealth Land - [50920]	WA	In buffer area only
Commonwealth Land - [51383]	WA	In buffer area only
Commonwealth Land - [51385]	WA	In buffer area only
Commonwealth Land - [51384]	WA	In buffer area only
Commonwealth Land - [50922]	WA	In buffer area only
Commonwealth Land - [51386]	WA	In buffer area only
Commonwealth Land - [50923]	WA	In buffer area only
Commonwealth Land - [50888]	WA	In buffer area only
Commonwealth Land - [50887]	WA	In buffer area only
Commonwealth Land - [50886]	WA	In buffer area only
Commonwealth Land - [50924]	WA	In buffer area only
Commonwealth Land - [50288]	WA	In buffer area only
Commonwealth Land - [50889]	WA	In buffer area only
Commonwealth Land - [50915]	WA	In buffer area only
Commonwealth Land - [50916]	WA	In buffer area only

Commonwealth Land Name	State	Buffer Status
Commonwealth Land - [50917]	WA	In buffer area only
Commonwealth Land - [50918]	WA	In buffer area only
Commonwealth Land - [50919]	WA	In buffer area only
Commonwealth Land - [50903]	WA	In buffer area only
Commonwealth Land - [50902]	WA	In buffer area only
Commonwealth Land - [50901]	WA	In buffer area only
Commonwealth Land - [50900]	WA	In buffer area only
Commonwealth Land - [50907]	WA	In buffer area only
Commonwealth Land - [50906]	WA	In buffer area only
Commonwealth Land - [50905]	WA	In buffer area only
Commonwealth Land - [50280]	WA	In buffer area only
Commonwealth Land - [50904]	WA	In buffer area only

Listed Marine Species			[Resource Information]
Scientific Name	Threatened Category	Presence Text	Buffer Status
Bird			
Actitis hypoleucos Common Sandpiper [59309]		Species or species habitat may occur within area	In feature area
Apus pacificus Fork-tailed Swift [678]		Species or species habitat likely to occur within area overfly marine area	In feature area
Bubulcus ibis as Ardea ibis Cattle Egret [66521]		Species or species habitat may occur within area overfly marine area	In feature area
Calidris acuminata Sharp-tailed Sandpiper [874]	Vulnerable	Species or species habitat may occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area overfly marine area	In feature area
Calidris melanotos Pectoral Sandpiper [858]		Species or species habitat may occur within area overfly marine area	In feature area
Haliaeetus leucogaster White-bellied Sea-Eagle [943]		Species or species habitat likely to occur within area	In feature area
Merops ornatus Rainbow Bee-eater [670]		Species or species habitat may occur within area overfly marine area	In feature area
Motacilla cinerea Grey Wagtail [642]		Species or species habitat may occur within area overfly marine area	In feature area
Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat may occur within area	In feature area
Rostratula australis as Rostratula benghalensis (sensu lato) Australian Painted Snipe [77037]	Endangered	Species or species habitat known to occur within area overfly marine area	In feature area
Tringa nebularia Common Greenshank, Greenshank [832]	Endangered	Species or species habitat likely to occur within area overfly marine area	In buffer area only

Extra Information

State and Territory Reserves			[Resource Information]
Protected Area Name	Reserve Type	State	Buffer Status
Bullsbrook	Nature Reserve	WA	In buffer area only
Neaves Road	Nature Reserve	WA	In buffer area only
Unnamed WA53453	Nature Reserve	WA	In buffer area only

Regional Forest Agreements [Resource Information]

Note that all areas with completed RFAs have been included. Please see the associated resource information for specific caveats and use limitations associated with RFA boundary information.

RFA Name	State	Buffer Status
South West WA RFA	Western Australia	In buffer area only

EPBC Act Referrals [Resource Information]

Title of referral	Reference	Referral Outcome	Assessment Status	Buffer Status
Controlled action				
Natural Gas Pipeline Expansion	2006/2813	Controlled Action	Post-Approval	In buffer area only
Perth-Darwin National Highway alignment (Swan Valley Section), WA	2013/7042	Controlled Action	Post-Approval	In feature area
Sand quarry development, Lot 2, Bingham Road, Bullsbrook, WA	2017/8104	Controlled Action	Assessment Approach	In buffer area only
Vegetation clearing for future agricultural use, Bullsbrook, WA	2014/7120	Controlled Action	Post-Approval	In buffer area only
Not controlled action				
Eradication of the European House Borer, Perth metropolitan area, WA	2009/5027	Not Controlled Action	Completed	In buffer area only
Improving rabbit biocontrol: releasing another strain of RHDV, sthrn two thirds of Australia	2015/7522	Not Controlled Action	Completed	In feature area

Caveat

1 PURPOSE

This report is designed to assist in identifying the location of matters of national environmental significance (MNES) and other matters protected by the Environment Protection and Biodiversity Conservation Act 1999 (Cth) (EPBC Act) which may be relevant in determining obligations and requirements under the EPBC Act.

The report contains the mapped locations of:

- World and National Heritage properties;
- Wetlands of International and National Importance;
- Commonwealth and State/Territory reserves;
- distribution of listed threatened, migratory and marine species;
- listed threatened ecological communities; and
- other information that may be useful as an indicator of potential habitat value.

2 DISCLAIMER

This report is not intended to be exhaustive and should only be relied upon as a general guide as mapped data is not available for all species or ecological communities listed under the EPBC Act (see below). Persons seeking to use the information contained in this report to inform the referral of a proposed action under the EPBC Act should consider the limitations noted below and whether additional information is required to determine the existence and location of MNES and other protected matters.

Where data are available to inform the mapping of protected species, the presence type (e.g. known, likely or may occur) that can be determined from the data is indicated in general terms. It is the responsibility of any person using or relying on the information in this report to ensure that it is suitable for the circumstances of any proposed use. The Commonwealth cannot accept responsibility for the consequences of any use of the report or any part thereof. To the maximum extent allowed under governing law, the Commonwealth will not be liable for any loss or damage that may be occasioned directly or indirectly through the use of, or reliance

3 DATA SOURCES

Threatened ecological communities

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

Threatened, migratory and marine species

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

Where little information is available for a species or large number of maps are required in a short time-frame, maps are derived either from 0.04 or 0.02 decimal degree cells; by an automated process using polygon capture techniques (static two kilometre grid cells, alpha-hull and convex hull); or captured manually or by using topographic features (national park boundaries, islands, etc.).

In the early stages of the distribution mapping process (1999-early 2000s) distributions were defined by degree blocks, 100K or 250K map sheets to rapidly create distribution maps. More detailed distribution mapping methods are used to update these distributions

4 LIMITATIONS

The following species and ecological communities have not been mapped and do not appear in this report:

- threatened species listed as extinct or considered vagrants;
- some recently listed species and ecological communities;
- some listed migratory and listed marine species, which are not listed as threatened species; and
- migratory species that are very widespread, vagrant, or only occur in Australia in small numbers.

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

- listed migratory and/or listed marine seabirds, which are not listed as threatened, have only been mapped for recorded
- seals which have only been mapped for breeding sites near the Australian continent

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

Refer to the metadata for the feature group (using the Resource Information link) for the currency of the information.

Acknowledgements

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

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

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

Please feel free to provide feedback via the Contact us page.

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AREA REPORT

ATLAS OF LIVING AUSTRALIA
sharing biodiversity knowledge

www.ala.org.au

Area: 90.83 sq km	Species: 1398	Occurrences: 4962
Endemic species: 8	All threatened species: 62	Migratory species: 0
All invasive species: 11	Iconic species: 17	JournalMap Articles: 1
Animals: 604	Plants: 755	Birds: 113

Table of Contents

Buffer_5km.zip 3
National Dynamic Land Cover 4
Global Context Ecoregions 5
Freshwater Ecoregions of the World (FEOW) 6
Occurrences 7
Species 8
Endemic Species 34
All threatened species 35
All invasive species 37
Iconic species 38
Migratory species 39
Lifeform - Algae 40
Lifeform - Amphibians 41
Lifeform - Angiosperms 42
Lifeform - Animals 43
Lifeform - Arthropods 55
Lifeform - Bacteria 64
Lifeform - Birds 65
Lifeform - Bryophytes 68
Lifeform - Chromista 69
Lifeform - Crustaceans 70
Lifeform - Dicots 71
Lifeform - FernsAndAllies 81
Lifeform - Fishes 82
Lifeform - Fungi 83
Lifeform - Gymnosperms 85
Lifeform - Insects 86
Lifeform - Mammals 94
Lifeform - Molluscs 95
Lifeform - Monocots 96
Lifeform - Plants 102
Lifeform - Protozoa 117
Lifeform - Reptiles 118
Expert Distributions 120
Checklist Areas 129
JournalMap Articles 130
Further Links 131
References 132

Buffer_5km.zip

Area: 90.83 sq km

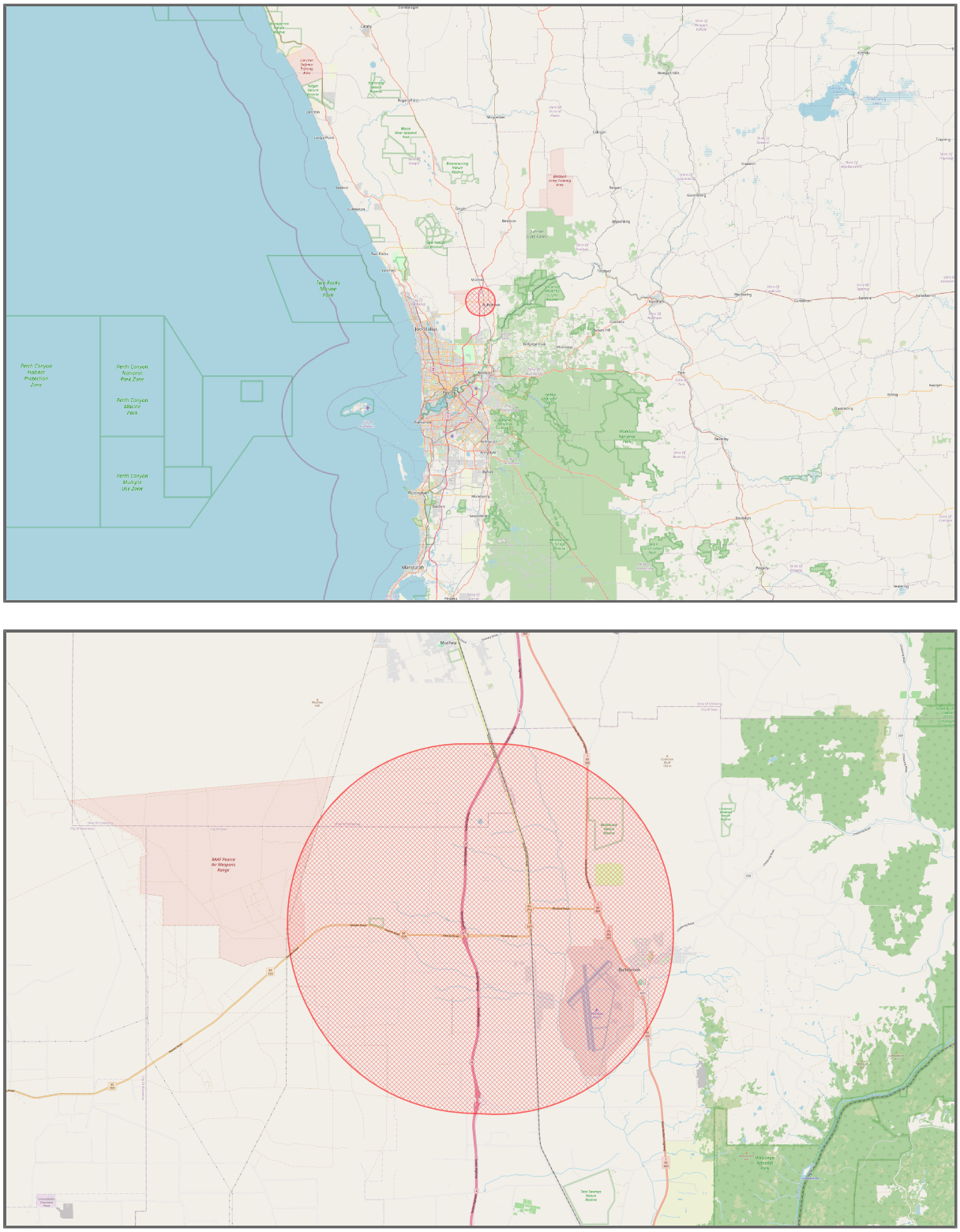


Figure 1 : Map of Buffer_5km.zip

National Dynamic Land Cover

The Dynamic Land Cover Dataset is the first nationally consistent and thematically comprehensive land cover reference for Australia. It provides a base-line for reporting on change and trends in vegetation cover and extent. Information about land cover dynamics is essential to understanding and addressing a range of national challenges such as drought, salinity, water availability and ecosystem health. The data is a synopsis of land cover information for every 250m by 250m area of the country from April 2000 to April 2008. The classification scheme used to describe land cover categories in the Dataset conforms to the 2007 International Standards Organisation (ISO) land cover standard (19144-2). The Dataset shows Australian land covers clustered into 34 ISO classes. These reflect the structural character of vegetation, ranging from cultivated and managed land covers (crops and pastures) to natural land covers such as closed forest and open grasslands. [Ref1]

Australia's Dynamic Land Cover: http://www.ga.gov.au/earth-observation/landcover.html

National Dynamic Land Cover layer: Classification: Vegetation; Type: Contextual (polygonal); Metadata contact organisation: Geoscience Australia (GA). https://spatial.ala.org.au/ws/layers/view/more/dlcmv1

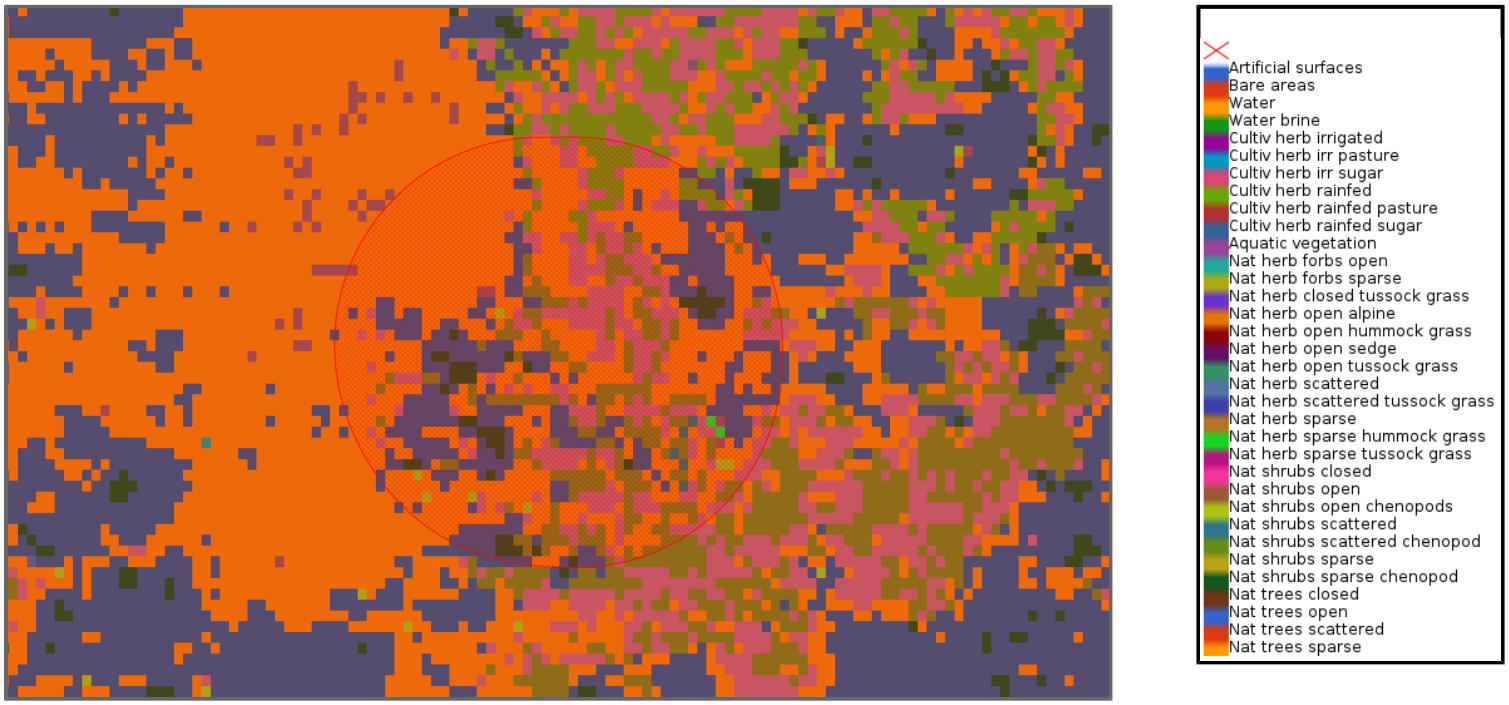


Figure 2 : Map of National Dynamic Land Cover

Table 1: National Dynamic Land Cover

Class/Region	Area (sq km)	% of total area
Primarily Vegetated Cultivated & Managed Lands Herbaceous Graminoids Rainfed	15.59	14.69
Primarily Vegetated Cultivated & Managed Lands Herbaceous Graminoids Rainfed Pasture	16.34	15.40
Primarily Vegetated Natural & Semi-Natural Terrestrial Vegetation Woody Trees Open	20.31	19.14
Primarily Vegetated Natural & Semi-Natural Terrestrial Vegetation Woody Trees Closed	2.67	2.51
Primarily Vegetated Natural & Semi-Natural Terrestrial Vegetation Woody Trees Sparse	49.91	47.04
Primarily Vegetated Natural & Semi-Natural Terrestrial Vegetation Woody Trees Scattered	0.34	0.32
Primarily Vegetated Natural & Semi-Natural Terrestrial Vegetation Herbaceous Graminoids Sparse Hummock Grasses	0.14	0.13
Primarily Vegetated Natural & Semi-Natural Terrestrial Vegetation Woody Shrubs Sparse	0.48	0.45
Primarily Vegetated Natural & Semi-Natural Terrestrial Vegetation Herbaceous Graminoids Open Tussock Grasses	0.34	0.32

Global Context Ecoregions

Terrestrial Ecoregions of the World (TEOW)

Terrestrial Ecoregions of the World (TEOW) is a biogeographic regionalisation of the Earth's terrestrial biodiversity. Our biogeographic units are ecoregions, which are defined as relatively large units of land or water containing a distinct assemblage of natural communities sharing a large majority of species, dynamics, and environmental conditions. There are 867 terrestrial ecoregions, classified into 14 different biomes such as forests, grasslands, or deserts. Ecoregions represent the original distribution of distinct assemblages of species and communities. [Ref2]

TEOW: https://worldwildlife.org/biome-categories/terrestrial-ecoregions

Terrestrial Ecoregional Boundaries layer: Classification: Biodiversity - Region; Type: Contextual (polygonal); Metadata contact organisation: The Nature Conservancy (TNC). https://spatial.ala.org.au/ws/layers/view/more/1053

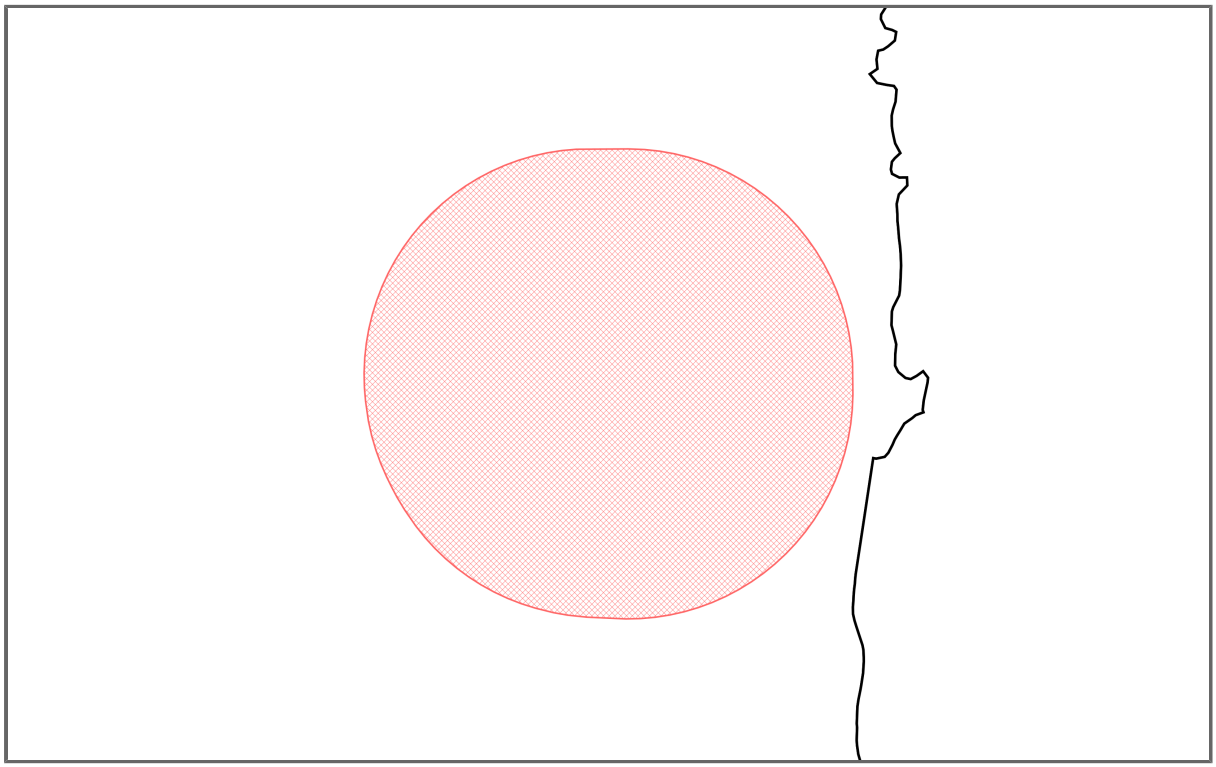


Figure 3 : Map of Global Context Ecoregions

Freshwater Ecoregions of the World (FEOW)

Freshwater Ecoregions of the World (FEOW) is a collaborative project providing the first global biogeographic regionalization of the Earth's freshwater biodiversity, and synthesizing biodiversity and threat data for the resulting ecoregions. We define a freshwater ecoregion as a large area encompassing one or more freshwater systems that contains a distinct assemblage of natural freshwater communities and species. The freshwater species, dynamics, and environmental conditions within a given ecoregion are more similar to each other than to those of surrounding ecoregions and together form a conservation unit. [Ref5]

FEOW: https://worldwildlife.org/biome-categories/freshwater-ecoregions

Freshwater Ecoregions of the World layer: Classification: Biodiversity - Region; Type: Contextual (polygonal); Metadata contact organisation: TNC. https://spatial.ala.org.au/ws/layers/view/more/1052

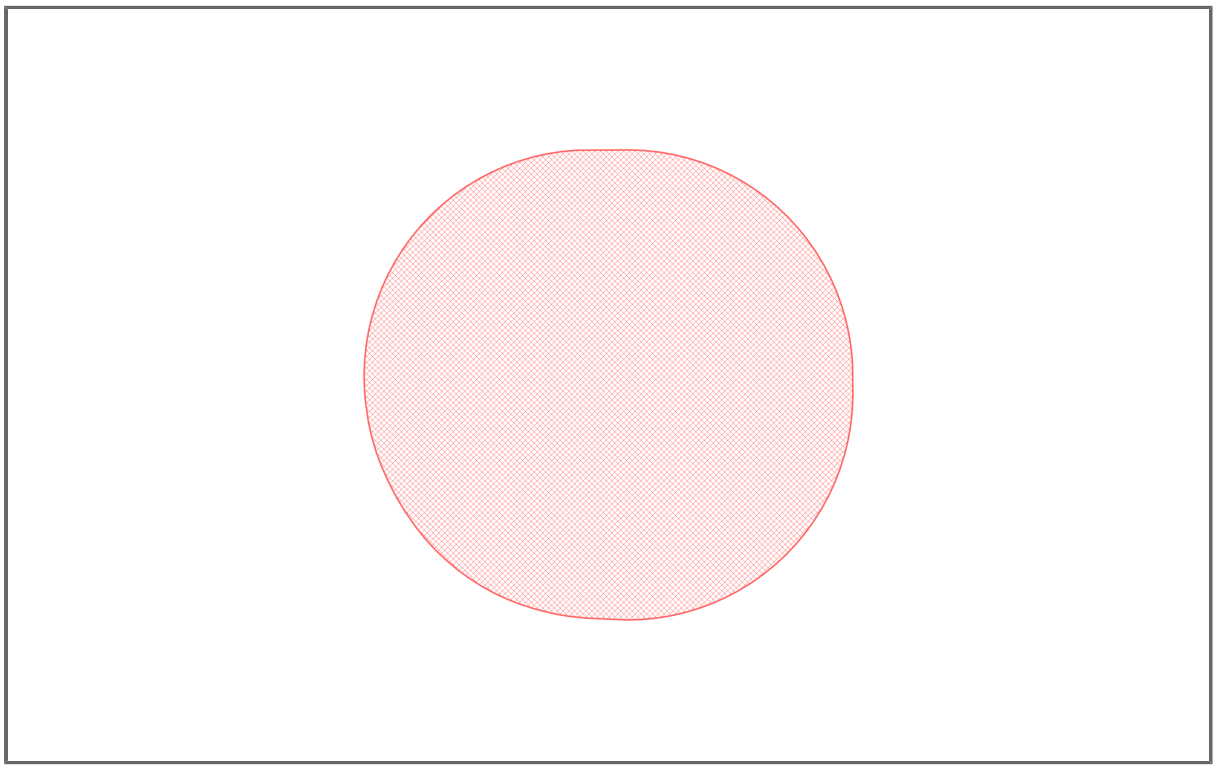


Figure 4 : Map of Freshwater Ecoregions of the World (FEOW)

Occurrences

Occurrences: **4962**

Spatially valid records are considered those that do not have any type of flag questioning their location, for example a terrestrial species being recorded in the ocean. [Ref6]

Number of occurrences (spatially valid only): **4960**

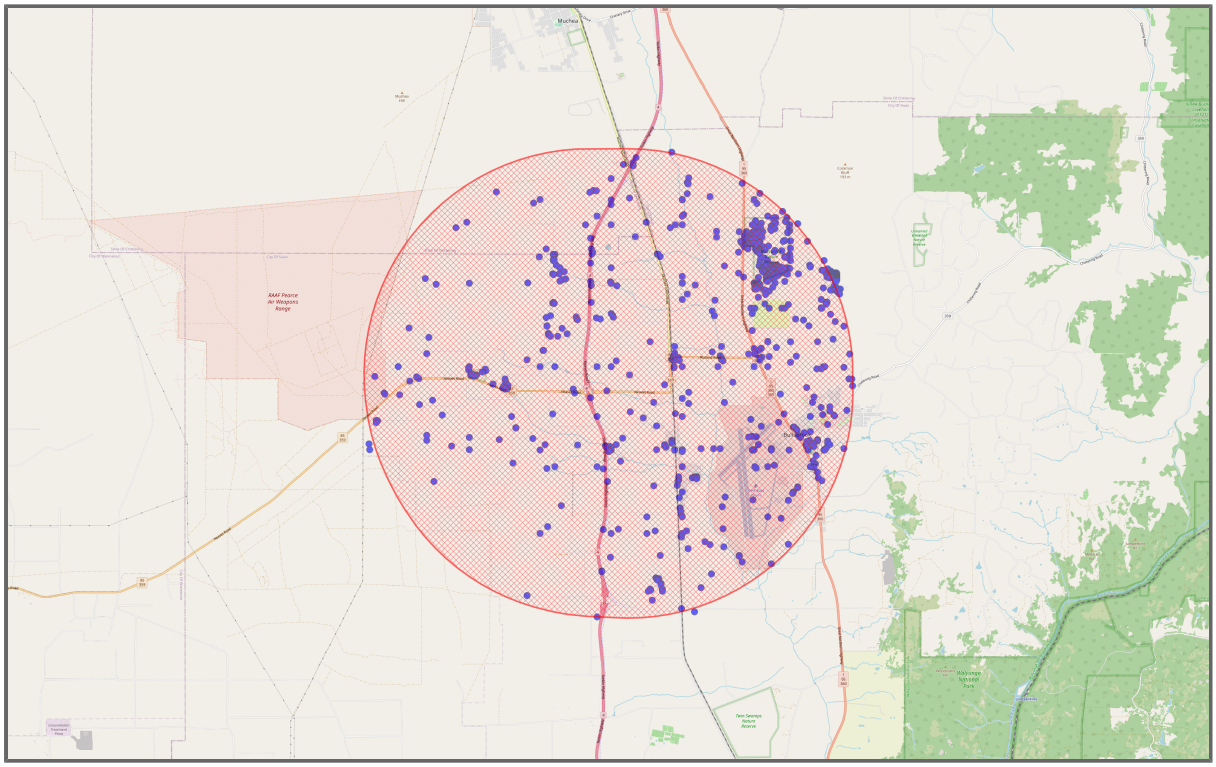


Figure 5 : Map of Occurrences

Species

Species: **1398**

Spatially valid records are considered those that do not have any type of flag questioning their location, for example a terrestrial species being recorded in the ocean. [Ref6]

Number of species (spatially valid only): **1398**

Table 4: Species

Family	*Scientific Name*	Common Name	No. Occurrences
Halictidae	Lipotriches (Austronomia) flavoviridis	Sweat Bee	78
Psittacidae	Barnardius zonarius	Australian Ringneck	51
Colletidae	Leioproctus		46
Corvidae	Corvus coronoides	Australian Raven	41
Halictidae	Lipotriches (Austronomia) australica	Sweat Bee	41
Artamidae	Gymnorhina tibicen	Australian Magpie	37
Halictidae	Lasioglossum (Chilalictus) hemichalceum	Sweat Bee	32
Maluridae	Malurus (Malurus) splendens	Splendid Fairy-wren	32
Meliphagidae	Lichmera (Lichmera) indistincta	Brown Honeyeater	27
Rhipiduridae	Rhipidura (Sauloprocta) leucophrys	Willie Wagtail	27
Cacatuidae	Eolophus roseicapilla	Galah	25
Megachilidae	Megachile (Eutricharaea) macularis	Bee	24
Poaceae	Briza maxima	Large Quaking-grass	23
Halictidae	Lasioglossum (Parasphecodes) hiltacum	Sweat Bee	23
Pachycephalidae	Pachycephala (Alisterornis) rufiventris	Rufous Whistler	23
Rhipiduridae	Rhipidura (Rhipidura) albiscapa	Grey Fantail	23
Asteraceae	Ursinia anthemoides	Ursinia	23
Megachilidae	Megachile (Eutricharaea) obtusa	Bee	22
Meliphagidae	Anthochaera (Anthochaera) carunculata	Red Wattlebird	21
Acanthizidae	Gerygone fusca	Western Gerygone	21
Threskiornithidae	Threskiornis spinicollis	Straw-necked Ibis	21
Droseraceae	Drosera menziesii	Pink Rainbow	20
Megachilidae	Megachile ignita	Bee	20
Cupressaceae	Callitris pyramidalis	Swamp Cypress	19
Restionaceae	Dielsia stenostachya		19
Droseraceae	Drosera erythrorhiza	Red Ink Sundew	19
Rutaceae	Philotheca spicata	Pepper And Salt	19
Asparagaceae	Thysanotus manglesianus	Fringed Lily	19
Monarchidae	Grallina cyanoleuca	Magpie-lark	18
Megachilidae	Megachile (Eutricharaea) chrysopyga	Bee	18
Zosteropidae	Zosterops lateralis	Silvereye	18
Casuariidae	Dromaius novaehollandiae	Emu	17
Asteraceae	Hypochaeris glabra	Smooth Cat's Ear	17
Asparagaceae	Sowerbaea laxiflora	Vanilla Lily	17
Araliaceae	Trachymene pilosa	Dwarf Trachymene	17
Acanthizidae	Acanthiza (Geobasileus) chrysorrhoa	Yellow-rumped Thornbill	16
Restionaceae	Chaetanthus aristatus	Bearded Twinerush	16
Falconidae	Falco (Tinnunculus) cenchroides	Nankeen Kestrel	16
Meliphagidae	Gavicalis virescens	Singing Honeyeater	16
Dilleniaceae	Hibbertia hypericoides	Yellow Buttercups	16
Myrtaceae	Hypocalymma angustifolium	White Myrtle	16
Meliphagidae	Phylidonyris (Meliornis) novaehollandiae	New Holland Honeyeater	16
Xanthorrhoeaceae	Xanthorrhoea preissii	Grasstree	16

Poaceae	Amphipogon turbinatus		15
Argiolestidae	Archiargiolestes pusillus	Little Flatwing	15
Fabaceae	Bossiaea eriocarpa	Common Brown Pea	15
Myobatrachidae	Crinia insignifera	Sign-bearing Froglet	15
Hirundinidae	Petrochelidon (Hylochelidon) nigricans	Tree Martin	15
Stylidiaceae	Stylidium inundatum	Hundreds And Thousands	15
Poaceae	Austrostipa compressa		14
Poaceae	Briza minor	Lesser Quaking-grass	14
Myrtaceae	Calothamnus sanguineus	Silky-leaved Bloodflower	14
Campephagidae	Coracina (Coracina) novaehollandiae	Black-faced Cuckoo-shrike	14
Hirundinidae	Hirundo (Hirundo) neoxena	Welcome Swallow	14
Poaceae	Neurachne alopecuroidea	Fox-tail Mulga-grass	14
Columbidae	Ocyphaps lophotes	Crested Pigeon	14
Petroicidae	Petroica (Petroica) boodang	Scarlet Robin	14
Proteaceae	Petrophile linearis	Pixie Mops	14
Meliphagidae	Phylidonyris (Meliornis) niger	White-cheeked Honeyeater	14
Asteraceae	Pogonolepis stricta		14
Restionaceae	Desmocladus flexuosus		13
Libellulidae	Diplacodes bipunctata	Wandering Percher	13
Asparagaceae	Laxmannia squarrosa	Paper Lily	13
Cyperaceae	Mesomelaena pseudostygia	Semaphore Sedge	13
Pardalotidae	Pardalotus (Pardalotinus) striatus	Striated Pardalote	13
Columbidae	Phaps (Phaps) chalcoptera	Common Bronzewing	13
Asteraceae	Siloxerus humifusus	Procumbent Siloxerus	13
Restionaceae	Hypolaena exsulca		12
Megachilidae	Megachile aurifrons	Bee	12
Myrtaceae	Melaleuca ryeae		12
Psittacidae	Purpureicephalus spurius	Red-capped Parrot	12
Goodeniaceae	Scaevola canescens	Grey Scaevola	12
Stylidiaceae	Stylidium brunonianum	Pink Fountain Triggerplant	12
Fabaceae	Acacia pulchella	Prickly Moses	11
Meliphagidae	Acanthorhynchus superciliosus	Western Spinebill	11
Poaceae	Aira caryophyllea	Silvery Hairgrass	11
Centrolepidaceae	Aphelia cyperoides		11
Asteraceae	Brachyscome iberidifolia	Brachyscome	11
Cicadidae	CICADIDAE		11
Centrolepidaceae	Centrolepis aristata	Pointed Centrolepis	11
Asteraceae	Cotula coronopifolia	Water Buttons	11
Buprestidae	Diphucrania tyrrhena		11
Iridaceae	Gladiolus caryophyllaceus	Wild Gladiolus	11
Proteaceae	Grevillea obtusifolia		11
Proteaceae	Grevillea pilulifera	Woolly-flowered Grevillea	11
Cyperaceae	Isolepis cernua	Nodding Club Rush	11
Cyperaceae	Lepidosperma	Swordsedges	11
Restionaceae	Leptocarpus canus	Hoary Twine-rush	11
Cyperaceae	Mesomelaena tetragona	Semaphore Sedge	11
Iridaceae	Patersonia occidentalis	Long Purple-flag	11
Stylidiaceae	Stylidium dichotomum	Pins And Needles	11
Meliphagidae	Anthochaera (Anellobia) lunulata	Western Wattlebird	10
Proteaceae	Banksia dallanneyi		10
Colchicaceae	Burchardia congesta	Milkmaids	10
Cacatuidae	Cacatua (Licmetis) sanguinea	Little Corella	10
Anatidae	Chenonetta jubata	Australian Wood Duck	10
Ericaceae	Conostephium pendulum	Pearl Flower	10
Goodeniaceae	Dampiera linearis	Wedge-leaved Dampiera	10
Fabaceae	Gompholobium tomentosum	Hairy Yellow Pea	10

Iridaceae	Hesperantha falcata	Hesperantha	10
Colletidae	Hylaeus (Euprosopis) violaceus	Species Of Yellowfaced Bee	10
Buprestidae	Neocuris discoflava		10
Petaluridae	Petalura hesperia	Western Petaltail	10
Poaceae	Rytidosperma occidentale	Western Wallaby Grass	10
Acanthizidae	Smicrornis brevirostris	Weebill	10
Stylidiaceae	Stylidium piliferum	Common Butterfly Triggerplant	10
Stylidiaceae	Stylidium utricularioides	Pink Fan Triggerplant	10
Anatidae	Tadorna (Casarca) tadornoides	Australian Shelduck	10
Casuarinaceae	Allocasuarina humilis	Dwarf Sheoak	9
Apidae	Amegilla (Notomegilla) chlorocyanea	Blue Banded Bee	9
Motacillidae	Anthus (Anthus) novaeseelandiae novaeseelandiae		9
Hemerocallidaceae	Caesia micrantha	Pale Grass Lily	9
Cyperaceae	Caustis dioica		9
Alcedinidae	Dacelo (Dacelo) novaeguineae	Laughing Kookaburra	9
Goodeniaceae	Dampiera coronata	Wedge-leaved Dampiera	9
Fabaceae	Daviesia physodes		9
Droseraceae	Drosera helodes		9
Droseraceae	Drosera minutiflora		9
Ardeidae	Egretta novaehollandiae	White-faced Heron	9
Apiaceae	Eryngium pinnatifidum	Blue Devils	9
Myrtaceae	Eucalyptus todtiana	Blackbutt	9
Fabaceae	Gastrolobium capitatum	Bacon And Eggs	9
Fabaceae	Gompholobium marginatum		9
Lamiaceae	Hemiandra pungens	Snakebush	9
Cyperaceae	Lepidosperma squamatum		9
Stylidiaceae	Levenhookia stipitata	Common Stylewort	9
Buprestidae	Melobasis lathami		9
Poaceae	Polypogon monspeliensis	Annual Beardgrass	9
Stylidiaceae	Stylidium calcaratum	Spurred Trigger-plant	9
Stylidiaceae	Stylidium purpureum	Purple Fountain Triggerplant	9
Cyperaceae	Tetraria octandra		9
Urodacidae	Urodacus		9
Myrtaceae	Verticordia densiflora	Compacted Featherflower	9
Fabaceae	Acacia saligna	Golden Wreath Wattle	8
Restionaceae	Alexgeorgea nitens		8
Haemodoraceae	Anigozanthos humilis subsp. humilis	Catspaw	8
Artamidae	Artamus (Angroyan) cyanopterus	Dusky Woodswallow	8
Gomphidae	Austrogomphus		8
Colchicaceae	Burchardia umbellata	Milkmaids	8
Myrtaceae	Calytrix variabilis		8
Lauraceae	Cassytha racemosa	Dodder Laurel	8
Buprestidae	Castiarina rufipennis		8
Centrolepidaceae	Centrolepis drummondiana	Drummond's Centrolepis	8
Colletidae	Dasyhesma robusta		8
Dasypogonaceae	Dasypogon bromeliifolius	Pineapple Bush	8
Fabaceae	Daviesia triflora		8
Droseraceae	Drosera nitidula	Shining Sundew	8
Goodeniaceae	Goodenia micrantha		8
Corduliidae	Hemicordulia tau	Tau Emerald	8
Dilleniaceae	Hibbertia acerosa	Needle Leaved Guinea Flower	8
Dilleniaceae	Hibbertia huegelii		8
Proteaceae	Isopogon asper		8
Fabaceae	Jacksonia floribunda		8
Halictidae	Lasioglossum		8
Megachilidae	Megachile (Eutricharaea) serricauda	Bee	8

Megachilidae	Megachile		8
Myrtaceae	Melaleuca viminea	Mohan	8
Thymelaeaceae	Pimelea imbricata var. piligera		8
Stylidiaceae	Stylidium repens	Matted Triggerplant	8
Poaceae	Vulpia myuros	Fescue	8
Fabaceae	Acacia willdenowiana	Grass Wattle	7
Acanthizidae	Acanthiza (Geobasileus) inornata	Western Thornbill	7
Apidae	Amegilla		7
Anatidae	Anas (Anas) superciliosa	Pacific Black Duck	7
Apidae	Apis (Apis) mellifera	Honey Bee	7
Proteaceae	Banksia menziesii	Firewood Banksia	7
Proteaceae	Banksia nivea		7
Orchidaceae	Caladenia flava	Cowslip Orchid	7
Myrtaceae	Calytrix angulata	Yellow Starflower	7
Buprestidae	Castiarina flaviceps		7
Buprestidae	Castiarina simulata		7
Haemodoraceae	Conostylis aculeata	Prickly Conostylis	7
Haemodoraceae	Conostylis setigera subsp. setigera	Bristly Cottonhead	7
Droseraceae	Drosera drummondii		7
Haemodoraceae	Haemodorum simplex		7
Asteraceae	Hyalosperma cotula		7
Violaceae	Hybanthus calycinus	Wild Violet	7
Halictidae	Lasioglossum (Chilalictus) ebeneum		7
Cyperaceae	Lepidosperma longitudinale	Pithy Sword-sedge	7
Campanulaceae	Lobelia anceps	Angled Lobelia	7
Anarthriaceae	Lyginia barbata		7
Maluridae	Malurus (Leggeornis) assimilis	Purple-backed Fairy-wren	7
Salticidae	Maratus pavonis	Species Of Peacock Spider	7
Myrtaceae	Melaleuca brevifolia	Short-leaf Honey-myrtle	7
Meropidae	Merops (Merops) ornatus	Rainbow Bee-eater	7
Libellulidae	Orthetrum caledonicum	Blue Skimmer	7
Poaceae	Pentameris pallida	Pussy Tail	7
Proteaceae	Petrophile seminuda		7
Poaceae	Poa drummondiana	Knotted Poa	7
Asteraceae	Podolepis gracilis	Slender Podolepis	7
Phyllanthaceae	Poranthera microphylla	Small Poranthera	7
Goodeniaceae	Scaevola phlebopetala	Velvet Fanflower	7
Asteraceae	Sonchus oleraceus	Common Sow-thistle	7
Stylidiaceae	Stylidium	Trigger-plants	7
Proteaceae	Synaphea spinulosa subsp. spinulosa		7
Threskiornithidae	Threskiornis moluccus	Australian White Ibis	7
Asparagaceae	Thysanotus sparteus	Leafless Fringed Lily	7
Haemodoraceae	Tribonanthes australis	Southern Tiurndin	7
Juncaginaceae	Triglochin muelleri		7
Canidae	Vulpes vulpes	Fox	7
Artamidae	Artamus (Angroyan) cinereus	Black-faced Woodswallow	6
Ericaceae	Astroloma pallidum	Kick Bush	6
Poaceae	Austrostipa semibarbata	Fibrous Spear-grass	6
Myrtaceae	Babingtonia camphorosmae		6
Araneidae	Backobourkia		6
Proteaceae	Banksia ilicifolia	Holly Leaved Banksia	6
Boryaceae	Borya sphaerocephala	Pincushions	6
Colchicaceae	Burchardia multiflora	Lesser Burchardia	6
Myrtaceae	Calytrix flavescens	Summer Starflower	6
Buprestidae	Castiarina placida		6
Locustellidae	Cincloramphus (Cincloramphus) cruralis	Brown Songlark	6

Myrtaceae	Corymbia calophylla	Marri	6
Cyperaceae	Cyathochaeta avenacea		6
Poaceae	Digitaria sanguinalis	Summer Grass	6
Droseraceae	Drosera glanduligera	Scarlet Sundew	6
Droseraceae	Drosera pallida	Pale Rainbow	6
Accipitridae	Elanus axillaris	Black-shouldered Kite	6
Buprestidae	Ethonion		6
Haemodoraceae	Haemodorum discolor	Bloodroot	6
Cuculidae	Heteroscenes pallidus	Pallid Cuckoo	6
Cyperaceae	Isolepis levynsiana	Tiny Flat-sedge	6
Myrtaceae	Kunzea recurva		6
Myrtaceae	Kunzea	Tickbush	6
Halictidae	Lasioglossum (Homalictus)		6
Cyperaceae	Lepidosperma angustatum		6
Scarabaeidae	Liparetrus striatus		6
Asparagaceae	Lomandra hermaphrodita		6
Asparagaceae	Lomandra suaveolens		6
Megachilidae	Megachile speluncarum		6
Myrtaceae	Melaleuca preissiana	Moonah	6
Myrtaceae	Melaleuca seriata		6
Iridaceae	Moraea flaccida	One-leaf Cape Tulip	6
Colletidae	Paracolletes (Paracolletes) crassipes	Plasterer Bee	6
Proteaceae	Petrophile shuttleworthiana		6
Philydraceae	Philydrella pygmaea subsp. pygmaea		6
Orchidaceae	Pterostylis vittata	Banded Greenhood	6
Amaranthaceae	Ptilotus manglesii	Pom Poms	6
Primulaceae	Samolus junceus		6
Goodeniaceae	Scaevola lanceolata	Long-leaved Scaevola	6
Myrtaceae	Scholtzia involucrata	Spiked Scholtzia	6
Stylidiaceae	Stylidium ecorne	Foot Triggerplant	6
Buprestidae	Temognatha rectipennis		6
Apidae	Thyreus waroonensis	Cuckoo Bee	6
Curculionidae	Tranes vigorsii		6
Hemerocallidaceae	Tricoryne elatior	Yellow Rush Lily	6
Juncaginaceae	Triglochin calcitrapa	Spurred Arrowgrass	6
Myrtaceae	Verticordia plumosa var. brachyphylla		6
Apiaceae	Xanthosia huegelii	Hairy Xanthosia	6
Acrididae	ACRIDIDAE		5
Acanthizidae	Acanthiza (Acanthiza) apicalis	Red-rumped Tit	5
Haemodoraceae	Anigozanthos humilis	Common Catspaw	5
Asteraceae	Arctotheca calendula	Cape Weed	5
Libellulidae	Austrothemis nigrescens	Swamp Flat-tail	5
Proteaceae	Banksia attenuata	Coast Banksia	5
Rutaceae	Boronia purdieana subsp. purdieana		5
	COLEOPTERA	Beetles	5
Gentianaceae	Cicendia filiformis	Slender Cicendia	5
Pachycephalidae	Colluricincla (Colluricincla) harmonica	Grey Shrike-thrush	5
Haemodoraceae	Conostylis setigera	Bristly Cottonhead	5
Artamidae	Cracticus torquatus	Grey Butcherbird	5
Myobatrachidae	Crinia glauerti	Glauert's Froglet	5
Orchidaceae	Cyanicula gemmata	Blue China Orchid	5
Myrtaceae	Eucalyptus marginata subsp. thalassica	Blue-leaved Jarrah	5
Fabaceae	Gastrolobium spinosum	Prickly Poison	5
Haloragaceae	Gonocarpus pithyoides		5
Hydrophilidae	HYDROPHILIDAE		5
Proteaceae	Hakea ruscifolia	Candle Hakea	5

Limnodynastidae	Heleioporus barycragus	Hooting Frog	5
Fabaceae	Hovea trisperma	Common Hovea	5
Araliaceae	Hydrocotyle alata		5
Araliaceae	Hydrocotyle callicarpa	Tiny Pennywort	5
Fabaceae	Jacksonia sternbergiana	Stinkwood	5
Juncaceae	Juncus bufonius	Toad Rush	5
Fabaceae	Kennedia prostrata	Scarlet Runner	5
Halictidae	Lasioglossum (Chilalictus) lanarium	Sweat Bee	5
Halictidae	Lasioglossum (Chilalictus) mirandum		5
Goodeniaceae	Lechenaultia biloba	Blue Leschenaultia	5
Mutillidae	MUTILLIDAE		5
Salticidae	Maratus griseus		5
Myrtaceae	Melaleuca viminea subsp. viminea	Weeping Honey-myrtle	5
Argiolestidae	Miniargiolestes minimus	Stream Flatwing	5
Actinopodidae	Missulena granulosa		5
Euphorbiaceae	Monotaxis grandiflora	Diamond Of The Desert	5
Libellulidae	Nannophya dalei	Eastern Pygmyfly	5
Cyclopidae	Paracyclops intermedius		5
Orobanchaceae	Parentucellia latifolia	Red Bartsia	5
Petroicidae	Petroica (Petroica) goodenovii	Red-capped Robin	5
Asteraceae	Podotheca chrysantha	Yellow Podotheca	5
Cyperaceae	Schoenus nanus	Little Bog-rush	5
Cyperaceae	Schoenus rigens		5
Proteaceae	Stirlingia latifolia	Blueboy	5
Stylidiaceae	Stylidium bulbiferum	Circus Triggerplant	5
Hydatellaceae	Trithuria bibracteata		5
Lentibulariaceae	Utricularia tenella	Pink Bladderwort	5
Charadriidae	Vanellus (Lobivanellus) tricolor	Banded Lapwing	5
Proteaceae	Adenanthos obovatus	Basket Flower	4
Buprestidae	Agrilus (Agrilus) hypoleucus		4
Anarthriaceae	Anarthria laevis		4
Haemodoraceae	Anigozanthos viridis	Green Kangaroo Paw	4
Dytiscidae	Antiporus femoralis	Diving Beetle	4
Synthemistidae	Archaeosynthemis occidentalis	Western Brown Tigertail	4
Poaceae	Austrostipa campylachne		4
Buprestidae	BUPRESTIDAE		4
Myrtaceae	Beaufortia elegans	Elegant Beaufortia	4
Orobanchaceae	Bellardia viscosa	Yellow Bartsia	4
Pittosporaceae	Billardiera fraseri	Elegant Pronaya	4
Cyperaceae	Bolboschoenus caldwellii	Salt Club-sedge	4
Asteraceae	Brachyscome bellidioides		4
Elapidae	Brachyurophis semifasciatus	Southern Shovel-nosed Snake	4
Colchicaceae	Burchardia bairdiae		4
Orchidaceae	Caladenia flava subsp. flava	Cowslip Orchid	4
Orchidaceae	Caladenia longicauda	White Spider Orchid	4
Dasypogonaceae	Calectasia narragara	Star Of Bethlehem	4
Cacatuidae	Calyptorhynchus (Calyptorhynchus) banksii	Red-tailed Black Cockatoo	4
Myrtaceae	Calytrix sapphirina		4
Buprestidae	Castiarina nonyma		4
Buprestidae	Castiarina pallidiventris		4
Myrtaceae	Chamelaucium uncinatum	Geraldton Wax	4
Proteaceae	Conospermum stoechadis subsp. stoechadis	Common Smokebush	4
Proteaceae	Conospermum stoechadis	Common Smokebush	4
Myobatrachidae	Crinia pseudinsignifera	Bleating Froglet	4
Cyatheaceae	Cyathea cooperi	Straw Tree-fern	4
	DIPTERA	Flies	4

Fabaceae	Daviesia horrida	Prickly Bitter-pea	4
Fabaceae	Daviesia nudiflora subsp. nudiflora		4
Fabaceae	Daviesia nudiflora		4
Asparagaceae	Dichopogon preissii	Nodding Chocolate Lily	4
Buprestidae	Diphucrania roseocuprea		4
Orchidaceae	Diuris magnifica	Pansy Orchid	4
Elapidae	Echiopsis curta	Bardick	4
Myrtaceae	Eremaea pauciflora		4
Proteaceae	Grevillea bipinnatifida	Fuchsia Grevillea	4
Proteaceae	Grevillea lawrenceana		4
Haemodoraceae	Haemodorum laxum	Bloodroot	4
Proteaceae	Hakea lissocarpha	Honey Bush	4
Limnodynastidae	Heleioporus eyrei	Moaning Frog	4
Dilleniaceae	Hibbertia commutata		4
Dilleniaceae	Hibbertia subvaginata		4
Fabaceae	Hovea trisperma var. grandiflora		4
Fabaceae	Hovea trisperma var. trisperma	Common Hovea	4
Colletidae	Hyleoides zonalis		4
Myrtaceae	Kunzea micrantha		4
Campephagidae	Lalage (Lalage) tricolor	White-winged Triller	4
Asteraceae	Leontodon saxatilis	Lesser Hawkbit	4
Restionaceae	Lepidobolus preissianus		4
Orchidaceae	Leporella fimbriata	Fringed Hare-orchid	4
Scincidae	Lerista elegans	Elegant Slider	4
Pygopodidae	Lialis burtonis	Burton's Snake-lizard	4
Hydrophilidae	Limnoxenus zealandicus	Water Scavenger Beetle	4
Pelodryadidae	Litoria adelaidensis	Slender Tree Frog	4
Asparagaceae	Lomandra caespitosa	Tufted Mat-rush	4
Buthidae	Lychas		4
Cyperaceae	Machaerina juncea	Bare Twig-rush	4
Macropodidae	Macropus fuliginosus	Western Grey Kangaroo	4
Myrtaceae	Melaleuca rhaphiophylla	Swamp Paperbark	4
Myrtaceae	Melaleuca uncinata	Broombush	4
Buprestidae	Melobasis costipennis		4
Phytoseiidae	Neoseiulus		4
Orobanchaceae	Orobanche minor	Lesser Broomrape	4
Iridaceae	Patersonia juncea	Rush Leaved Patersonia	4
Philydraceae	Philydrella pygmaea	Lesser Butterfly Flowers	4
Haemodoraceae	Phlebocarya ciliata		4
Loganiaceae	Phyllangium paradoxum	Wiry Mitrewort	4
Asteraceae	Podotheca angustifolia	Sticky Long-heads	4
Poaceae	Polypogon tenellus		4
Asteraceae	Pterochaeta paniculata		4
Amaranthaceae	Ptilotus declinatus	Curved Mulla-mulla	4
Amaranthaceae	Ptilotus drummondii var. drummondii	Pussytail	4
Asteraceae	Quinetia urvillei	Quinetia	4
Restionaceae	Restionaceae	Rush	4
Chenopodiaceae	Salicornia blackiana	Thick-head Samphire	4
Cyperaceae	Schoenus humilis		4
Cyperaceae	Schoenus plumosus		4
Sphecidae	Sphex modestus		4
Stenotritidae	Stenotritus greavesi		4
Stylidiaceae	Stylidium bindoon	Bindoon Triggerplant	4
Stylidiaceae	Stylidium schoenoides	Cow Kicks	4
Hemerocallidaceae	Stypandra glauca	Nodding Grass-lily	4
Castniidae	Synemon leucospila		4

Tarsipedidae	Tarsipes rostratus	Honey Possum	4
Asparagaceae	Thysanotus arbuscula		4
Asparagaceae	Thysanotus patersonii	Twining Fringe-lily	4
Scincidae	Tiliqua rugosa	Shingle-back	4
Goodeniaceae	Verreauxia reinwardtii	Common Verreauxia	4
Asteraceae	Waitzia suaveolens	Fragrant Waitzia	4
Colchicaceae	Wurmbea dioica subsp. alba		4
	ARANEAE	Spiders	3
Araneidae	ARANEIDAE		3
Asilidae	ASILIDAE	Robber Flies	3
Fabaceae	Acacia applanata	Grass Wattle	3
Fabaceae	Acacia huegelii	Huegel's Wattle	3
Haemodoraceae	Anigozanthos manglesii	Red And Green Kangaroo Paw	3
Haemodoraceae	Anigozanthos viridis subsp. viridis		3
Fabaceae	Aotus gracillima		3
Accipitridae	Aquila (Uroaetus) audax	Wedge-tailed Eagle	3
Synthemistidae	Archaeosynthemis leachii	Twinspot Tigertail	3
Ardeidae	Ardea pacifica	White-necked Heron	3
Myrtaceae	Astartea		3
Ericaceae	Astroloma macrocalyx	Swan Berry	3
Aeshnidae	Austroaeschna anacantha	Western Darner	3
Colchicaceae	Baeometra uniflora	Baeometra	3
Cuculidae	Cacomantis (Vidgenia) flabelliformis	Fan-tailed Cuckoo	3
Portulacaceae	Calandrinia sp. Kenwick (G.J.Keighery 10905)		3
Myrtaceae	Calytrix aurea		3
Myrtaceae	Calytrix leschenaultii	Posy Starflower	3
Myrtaceae	Calytrix strigosa		3
Lauraceae	Cassytha flava	Dodder Laurel	3
Buprestidae	Castiarina aureola		3
Buprestidae	Castiarina mimesis		3
Casuarinaceae	Casuarina obesa	Swamp Sheoak	3
Centrolepidaceae	Centrolepis polygyna	Wiry Centrolepis	3
Asilidae	Cerdistus hudsoni		3
Asparagaceae	Chamaescilla corymbosa var. corymbosa	Blue Stars	3
Asparagaceae	Chamaescilla corymbosa	Blue Stars	3
Parastacidae	Cherax preissii		3
Proteaceae	Conospermum stoechadis subsp. sclerophyllum		3
Ericaceae	Conostephium preissii		3
Haemodoraceae	Conostylis aculeata subsp. aculeata		3
Haemodoraceae	Conostylis aurea		3
Haemodoraceae	Conostylis juncea		3
Asteraceae	Cotula turbinata	Ferny Cotula	3
Crassulaceae	Crassula natans var. minus	Water Crassula	3
Myobatrachidae	Crinia georgiana	Tschudi's Froglet	3
Scincidae	Cryptoblepharus buchananii	Buchanan’s Snake-eyed Skink	3
Neosittidae	Daphoenositta (Neositta) chrysoptera	Varied Sittella	3
Apiaceae	Daucus glochidiatus	Native Carrot	3
Fabaceae	Daviesia angulata		3
Fabaceae	Daviesia preissii		3
Hemerocallidaceae	Dianella revoluta var. divaricata	Broad-leaf Flax-lily	3
Dicaeidae	Dicaeum (Dicaeum) hirundinaceum	Mistletoebird	3
Poaceae	Digitaria ciliaris	Summer Grass	3
Droseraceae	Drosera gigantea	Giant Sundew	3
Droseraceae	Drosera heterophylla	Swamp Rainbow	3
Droseraceae	Drosera macrantha	Bridal Rainbow	3
Myrtaceae	Eucalyptus wandoo subsp. wandoo	Wandoo	3

Fabaceae	Gompholobium knightianum	Knight's Wedge-pea	3
Fabaceae	Gompholobium preissii		3
Haloragaceae	Gonocarpus nodulosus		3
Goodeniaceae	Goodenia pulchella		3
Proteaceae	Grevillea althoferorum		3
Proteaceae	Grevillea bipinnatifida subsp. bipinnatifida		3
Zodariidae	Habronestes		3
Haemodoraceae	Haemodorum spicatum	Bohn	3
Proteaceae	Hakea erinacea	Hedgehog Hakea	3
Proteaceae	Hakea prostrata	Harsh Hakea	3
Limnodynastidae	Heleioporus albopunctatus	Western Spotted Frog	3
Dilleniaceae	Hibbertia aurea		3
Coenagrionidae	Ischnura aurora	Aurora Bluetail	3
Cyperaceae	Isolepis marginata	Little Club-rush	3
Hemerocallidaceae	Johnsonia pubescens subsp. pubescens		3
Juncaceae	Juncus capitatus	Dwarf Rush	3
Juncaceae	Juncus subsecundus	Finger Rush	3
Cyperaceae	Lepidosperma tenue		3
Santalaceae	Leptomeria pauciflora	Sparse-flowered Currant Bush	3
Stylidiaceae	Levenhookia octomaculata	Eight-spotted Stylewort	3
Fabaceae	Lotus angustissimus	Slender Bird's-foot Trefoil	3
Anarthriaceae	Lyginia imberbis		3
Primulaceae	Lysimachia arvensis	Pimpernel	3
Ericaceae	Lysinema ciliatum	Curry Flower	3
Morabidae	MORABIDAE		3
Myrtaceae	Melaleuca trichophylla		3
Buprestidae	Melobasis rubromarginata		3
Hesperiidae	Mesodina cyanophracta	Blue Iris-skipper	3
Tettigoniidae	Metaballus frontalis		3
Vespidae	Metaparagia maculata		3
Asteraceae	Millotia myosotidifolia	Broad-leaf Millotia	3
Asteraceae	Millotia tenuifolia var. tenuifolia	Soft Millotia	3
Asteraceae	Millotia tenuifolia	Soft Millotia	3
Brachodidae	Miscera mesochrysa	Day-flying Moth	3
Iridaceae	Moraea miniata	Two-leaf Cape Tulip	3
Asteraceae	Myriocephalus helichrysoides		3
Elapidae	Neelaps bimaculatus	Black-naped Snake	3
Buprestidae	Neocuris thoracica		3
Phytoseiidae	Neoseiulus cucumeris		3
Araneidae	Nephila		3
Dytiscidae	Onychohydrus		3
Pompilidae	POMPILIDAE		3
Pachycephalidae	Pachycephala (Pachycephala) pectoralis fuliginosa	South Australian Golden Whistler	3
Poaceae	Pentameris airoides	False Hairgrass	3
Proteaceae	Persoonia saccata	Snottygobble	3
Cicadidae	Physeema convergens		3
Gomphaceae	Ramaria		3
Dytiscidae	Rhantus suturalis	Diving Beetle	3
Formicidae	Rhytidoponera		3
Iridaceae	Romulea rosea	Onion Grass	3
Scarabaeidae	SCARABAEIDAE		3
Goodeniaceae	Scaevola glandulifera	Viscid Hand-flower	3
Cyperaceae	Schoenus unispiculatus		3
Cyperaceae	Schoenus		3
Elapidae	Simoselaps bertholdi	Jan's Banded Snake	3
Fabaceae	Sphaerolobium vimineum	Leafless Globe-pea	3

Columbidae	Spilopelia senegalensis	Laughing Turtle-dove	3
Stylidiaceae	Stylidium albolilacinum		3
Stylidiaceae	Stylidium diuroides	Donkey Triggerplant	3
Stylidiaceae	Stylidium tenue subsp. majusculum	Showy Fountain Triggerplant	3
Proteaceae	Synaphea spinulosa		3
Lycosidae	Tasmanicosa leuckartii	Leuckart’s Wolf Spider, Hay Spider	3
Buprestidae	Temognatha		3
Orchidaceae	Thelymitra crinita	Blue Lady Orchid	3
Orchidaceae	Thelymitra vulgaris	Slender Sun Orchid	3
Asparagaceae	Thysanotus triandrus	Three-stamened Fringe Lily	3
Haemodoraceae	Tribonanthes longipetala	Branching Tiurndin	3
Asteraceae	Trichocline spathulata	Native Gerbera	3
Colletidae	Trichocolletes		3
Juncaginaceae	Triglochin mucronata	Prickly Arrowgrass	3
Juncaginaceae	Triglochin	Lilaea	3
Celastraceae	Tripterococcus brunonis	Winged Stackhousia	3
Acaridae	Tyrophagus		3
Lentibulariaceae	Utricularia multifida	Pink Petticoats	3
Myrtaceae	Verticordia densiflora var. densiflora	Compacted Featherflower	3
Myrtaceae	Verticordia nitens	Yellow Morrison	3
Bombyliidae	Villa		3
Poaceae	Vulpia	Fescue	3
Asteraceae	Waitzia suaveolens var. suaveolens		3
Fabaceae	Acacia lasiocarpa var. sedifolia		2
Fabaceae	Acacia lateriticola		2
Fabaceae	Acacia saligna subsp. Wheatbelt (B.R.Maslin 8602)		2
Fabaceae	Acacia sessilis		2
Meliphagidae	Acanthagenys rufogularis	Spiny-cheeked Honeyeater	2
Proteaceae	Adenanthos cygnorum	Boyur	2
Proteaceae	Adenanthos		2
Aeshnidae	Adversaeschna brevistyla	Blue-spotted Hawker	2
	Agaricales		2
Hemerocallidaceae	Agrostocrinum hirsutum	Grass Lily	2
Hemerocallidaceae	Agrostocrinum scabrum subsp. scabrum		2
Bombyliidae	Aleucosia maculosa	Bee Fly	2
Anatidae	Anas gracilis	Grey Teal	2
Ericaceae	Andersonia lehmanniana		2
Asteraceae	Angianthus preissianus	Salt Angianthus	2
Typhlopidae	Anilios australis	Southern Blind Snake	2
Typhlopidae	Anilios waitii	Beaked Blind Snake	2
Colletidae	Anthoglossa nigrocinctus		2
Mantidae	Archimantis		2
Poaceae	Aristida	Wind-grass	2
Hemerocallidaceae	Arnocrinum preissii		2
Myrtaceae	Astartea affinis	West-coast Astartea	2
Myrtaceae	Astartea fascicularis	Recherche Astartea	2
Myrtaceae	Astartea scoparia	Common Astartea	2
Coenagrionidae	Austroagrion cyane	South-western Billabongfly	2
Lestidae	Austrolestes annulosus	Blue Ringtail	2
Poaceae	Austrostipa mollis	Soft Speargrass	2
Poaceae	Avena barbata	Bearded Oats	2
Proteaceae	Banksia armata var. armata		2
Helotiaceae	Banksiamyces		2
Asilidae	Bathypogon		2
Myrtaceae	Beaufortia		2

Bombyliidae	Bombyliini		2
	CHILOPODA	Centipedes	2
Cixiidae	CIXIIDAE	Cixiid Planthoppers	2
Clastopteridae	CLASTOPTERIDAE		2
Cacatuidae	Cacatua (Licmetis) tenuirostris	Long-billed Corella	2
Orchidaceae	Caladenia discoidea	Dancing Spider Orchid	2
Orchidaceae	Caladenia paludosa	Swamp Spider Orchid	2
Portulacaceae	Calandrinia calyptrata	Pink Purslane	2
Myrtaceae	Callistemon phoeniceus	Lesser Bottlebrush	2
Buprestidae	Calotemognatha varicollis		2
Formicidae	Camponotus chalceus		2
Lauraceae	Cassytha glabella	Slender Dodder-laurel	2
Buprestidae	Castiarina aeraticollis		2
Buprestidae	Castiarina aquila		2
Buprestidae	Castiarina crocicolor		2
Buprestidae	Castiarina filiformis		2
Acrididae	Cedarinia		2
Centrolepidaceae	Centrolepidaceae	Rush	2
Centrolepidaceae	Centrolepis inconspicua		2
Centrolepidaceae	Centrolepis mutica		2
Centrolepidaceae	Centrolepis pilosa		2
Cuculidae	Chalcites		2
Asparagaceae	Chamaescilla versicolor		2
Asparagaceae	Chamaexeros macranthera		2
Pittosporaceae	Cheiranthera preissiana		2
Chelidae	Chelodina (Macrochelodina) oblonga	Northern Snake-necked Turtle	2
Parastacidae	Cherax quinquecarinatus	Djilgi	2
Bombyliidae	Choristus		2
Asilidae	Chrysopogon albopunctatus		2
Locustellidae	Cincloramphus (Maclennania) mathewsi	Rufous Songlark	2
Crabronidae	Clitemnestra guttatula		2
Hymenochaetaceae	Coltricia		2
Polygalaceae	Comesperma calymega	Blue-spike Milkwort	2
Proteaceae	Conospermum polycephalum		2
Haemodoraceae	Conostylis caricina		2
Scolopendridae	Cormocephalus		2
Asteraceae	Cotula cotuloides	Smooth Cotula	2
Phasianidae	Coturnix (Coturnix) pectoralis	Stubble Quail	2
Formicidae	Crematogaster		2
Fabaceae	Cristonia biloba		2
Scincidae	Ctenotus fallens	West-coast Laterite Ctenotus	2
Scincidae	Ctenotus		2
Thelypteridaceae	Cyclosorus interruptus	Swamp Shield-fern	2
Juncaginaceae	Cycnogeton lineare		2
Cyperaceae	Cyperus congestus	Dense Flat-sedge	2
Cyperaceae	Cyperus polystachyos	Bunchy Flat-sedge	2
Dytiscidae	DYTISCIDAE		2
Goodeniaceae	Dampiera teres		2
Nymphalidae	Danaus plexippus	Wanderer	2
Colletidae	Dasyhesma scholtziae		2
Vespidae	Delta bicinctum	Wasp	2
Restionaceae	Desmocladus lateriflorus		2
Hemerocallidaceae	Dianella revoluta	Blueberry Lily	2
Diaporthaceae	Diaporthe		2
Pentatomidae	Dictyotus caenosus	Brown Shield Bug	2
Poaceae	Digitaria aequiglumis	Argentinian Crabgrass	2

Scarabaeidae	Diphucephala		2
Buprestidae	Diphucrania stigmata		2
Bombyliidae	Dissodesma primogenitus		2
Droseraceae	Drosera macrantha subsp. macrantha		2
Droseraceae	Drosera magna		2
Droseraceae	Drosera platystigma	Black-eyed Sundew	2
Poaceae	Ehrharta calycina	Perennial Veldt-grass	2
Poaceae	Eleusine indica	Crowsfoot Grass	2
Meliphagidae	Epthianura (Epthianura) albifrons	White-fronted Chat	2
Myrtaceae	Eremaea asterocarpa subsp. asterocarpa		2
Myrtaceae	Eremaea pauciflora var. pauciflora		2
Myrtaceae	Eucalyptus marginata subsp. marginata	Jarrah	2
Myrtaceae	Eucalyptus marginata	Jarrah	2
Myrtaceae	Eucalyptus rudis subsp. rudis	Flooded Gum	2
Falconidae	Falco (Falco) longipennis	Australian Hobby	2
	Fungi		2
Araneidae	Gasteracantha		2
Fabaceae	Gastrolobium linearifolium		2
Asteraceae	Gnephosis drummondii	Slender Golden-tip	2
Acrididae	Goniaea vocans	Slender Gumleaf Grasshopper	2
Goodeniaceae	Goodenia coerulea		2
Proteaceae	Grevillea curviloba subsp. curviloba	Curvedleaf Grevillea	2
Proteaceae	Grevillea curviloba subsp. incurva	Narrow Curvedleaf Grevillea	2
	HYMENOPTERA	Wasps	2
Proteaceae	Hakea incrassata	Marble Hakea	2
Proteaceae	Hakea sulcata	Furrowed Hakea	2
Proteaceae	Hakea varia	Variable-leaved Hakea	2
Fabaceae	Hardenbergia comptoniana	Western Australian Coral-pea	2
Acrididae	Heteropternis obscurella		2
Dennstaedtiaceae	Histiopteris incisa	Oak Fern	2
Histeridae	Hololepta (Hololepta) australica		2
Apiaceae	Homalosciadium homalocarpum		2
Poaceae	Hordeum marinum	Sea Barley-grass	2
Araneidae	Hortophora		2
Araliaceae	Hydrocotyle diantha	Kangaroo Island Pennywort	2
Colletidae	Hylaeus (Euprosopoides) musgravei		2
Colletidae	Hylaeus (Macrohylaeus) alcyoneus	Species Of Yellowfaced Bee	2
Colletidae	Hylaeus (Planihylaeus) quadriceps	Plasterer Bee	2
Colletidae	Hylaeus (Prosopisteron) quadratus	Plasterer Bee	2
Myrtaceae	Hypocalymma robustum	Swan River Myrtle	2
Myrtaceae	Hypocalymma		2
Barychelidae	Idiommata blackwallii		2
Cyperaceae	Isolepis hystrix	Awned Club-rush	2
Cyperaceae	Isolepis oldfieldiana		2
Fabaceae	Isotropis cuneifolia subsp. cuneifolia	Granny Bonnets	2
Fabaceae	Jacksonia furcellata	Grey Stinkwood	2
Juncaceae	Juncus holoschoenus	Joint-leaf Rush	2
Juncaceae	Juncus pallidus	Pale Rush	2
Myrtaceae	Kunzea glabrescens	Spearwood	2
Myrtaceae	Kunzea micrantha subsp. micrantha		2
	LEPIDOPTERA	Butterflies	2
Libellulidae	LIBELLULIDAE	Skimmers	2
Hydnangiaceae	Laccaria		2
Poaceae	Lachnagrostis filiformis	Common Blown-grass	2
Asteraceae	Lagenophora huegelii	Coarse Bottle-daisy	2
Proteaceae	Lambertia multiflora var. darlingensis		2

Dytiscidae	Lancetes lanceolatus	Diving Beetle	2
Halictidae	Lasioglossum (Chilalictus) castor		2
Halictidae	Lasioglossum (Chilalictus)		2
Halictidae	Lasioglossum (Parasphecodes) lichatum		2
Malvaceae	Lasiopetalum glabratum		2
Asparagaceae	Laxmannia ramosa subsp. ramosa	Branching Lily	2
Asparagaceae	Laxmannia sessiliflora subsp. australis		2
Asparagaceae	Laxmannia sessiliflora	Nodding Lily	2
Colletidae	Leioproctus (Exleycolletes) microdontus		2
Myrtaceae	Leptospermum spinescens		2
Myrtaceae	Leptospermum	Tea Tree	2
Ericaceae	Leucopogon conostephioides		2
Ericaceae	Leucopogon propinquus		2
Limnodynastidae	Limnodynastes dorsalis	Western Banjo Frog	2
Halictidae	Lipotriches (Austronomia)		2
Halictidae	Lipotriches		2
Poaceae	Lolium rigidum	Wimmera Ryegrass	2
Asparagaceae	Lomandra micrantha subsp. micrantha	Small-flower Mat-rush	2
Asparagaceae	Lomandra preissii	Preiss' Mat Rush	2
Asparagaceae	Lomandra sericea	Silky Mat Rush	2
Fabaceae	Lotus subbiflorus	Hairy Bird's-foot Trefoil	2
Limeaceae	Macarthuria australis		2
Cyperaceae	Machaerina rubiginosa	Baumea	2
Haemodoraceae	Macropidia fuliginosa	Black Kangaroo Paw	2
Acrididae	Macrotona		2
Maluridae	Malurus		2
Megachilidae	Megachile (Schizomegachile) monstrosa	Bee	2
Megachilidae	Megachile apicata	Bee	2
Megachilidae	Megachile clypeata	Bee	2
Megachilidae	Megachile fultoni		2
Megachilidae	Megachile latericauda		2
Megachilidae	Megachile preissi		2
Megachilidae	Megachile semiluctuosa	Bee	2
Ascalaphidae	Megacmonotus magnus	Owlfly	2
Myrtaceae	Melaleuca bracteosa		2
Poaceae	Microlaena stipoides	Weeping Grass	2
Mydidae	Miltinus cinctus		2
Campanulaceae	Monopsis debilis	Pansy Lobelia	2
	Mycetozoa		2
Myobatrachidae	Myobatrachus gouldii	Turtle Frog	2
Oecophoridae	Myrascia subductella		2
Formicidae	Myrmecia gratiosa		2
Limnodynastidae	Neobatrachus pelobatoides	Humming Frog	2
Lycaenidae	Neolucia agricola	Fringed Heath-blue	2
Characeae	Nitella tasmanica	Green Algae	2
Carabidae	Notiobia (Anisotarsus) dampierii		2
Loranthaceae	Nuytsia floribunda	Western Australian Christmas Tree	2
Scarabaeidae	Onthophagus ferox	Western Dung Beetle	2
Rubiaceae	Opercularia vaginata	Dog Weed	2
Oxyopidae	Oxyopes		2
Pentatomidae	PENTATOMIDAE		2
Pachycephalidae	Pachycephala (Pachycephala) pectoralis	Golden Whistler	2
Formicidae	Papyrius nitidus	Ant	2
Iridaceae	Patersonia occidentalis var. angustifolia		2
Polygonaceae	Persicaria decipiens	Slender Knotweed	2
Hirundinidae	Petrochelidon (Petrochelidon) ariel	Fairy Martin	2

Proteaceae	Petrophile macrostachya		2
Oecophoridae	Philobota		2
Haemodoraceae	Phlebocarya filifolia		2
Phyllanthaceae	Phyllanthus calycinus	Snowdrop Spurge	2
Lamiaceae	Physopsis spicata	Hill River Lambstail	2
Threskiornithidae	Platalea (Platibis) flavipes	Yellow-billed Spoonbill	2
Dytiscidae	Platynectes (Platynectes) aenescens	Diving Beetle	2
Araneidae	Plebs cyphoxis	Orb-weaver Spider	2
Poaceae	Poa homomalla		2
Asteraceae	Podolepis lessonii		2
Asteraceae	Podotheca gnaphalioides	Golden Long-heads	2
Sarcophagidae	Protomiltogramma		2
Gasteruptiidae	Pseudofoenus		2
Myobatrachidae	Pseudophryne guentheri	Gunther's Toadlet	2
Orchidaceae	Pterostylis recurva	Recurved Shell Orchid	2
Fabaceae	Pultenaea ericifolia		2
Iridaceae	Romulea rosea var. australis	Guilford Grass	2
Goodeniaceae	Scaevola repens var. repens		2
Cyperaceae	Schoenus clandestinus		2
Cyperaceae	Schoenus curvifolius		2
Cyperaceae	Schoenus discifer	Tiny Bog-rush	2
Cyperaceae	Schoenus elegans		2
Cyperaceae	Schoenus maschalinus	Leafy Bog-rush	2
Cyperaceae	Schoenus odontocarpus		2
Asteraceae	Senecio multicaulis subsp. multicaulis		2
Crabronidae	Sericophorus relucens	Wasp	2
Miridae	Setocoris droserae		2
Asteraceae	Siloxerus filifolius		2
Caryophyllaceae	Spergularia marina	Salt Sand-spurrey	2
Poaceae	Sporobolus virginicus	Marine Couch	2
Buprestidae	Stigmodera gratiosa		2
Buprestidae	Stigmodera sanguinosa		2
Columbidae	Streptopelia		2
Stylidiaceae	Stylidium despectum	Hundreds And Thousands	2
Stylidiaceae	Stylidium obtusatum	Pinafore Triggerplant	2
Stylidiaceae	Stylidium petiolare	Horn Triggerplant	2
Stylidiaceae	Stylidium scariosum		2
Proteaceae	Synaphea acutiloba	Granite Synaphea	2
Phasianidae	Synoicus ypsilophora	Brown Quail	2
Crabronidae	Tachysphex		2
Lycosidae	Tasmanicosa	Australian Union-jack Wolf Spiders	2
Buprestidae	Temognatha chalcodera		2
Buprestidae	Temognatha reichei		2
Orchidaceae	Thelymitra flexuosa	Twisted Sun-orchid	2
Bombyliidae	Thraxan		2
Myrtaceae	Thryptomene denticulata		2
Asparagaceae	Thysanotus multiflorus	Many-flowered Fringe	2
Alcedinidae	Todiramphus (Todiramphus) sanctus	Sacred Kingfisher	2
Pentatomidae	Trachyops australis	Shield Bug	2
Psittacidae	Trichoglossus		2
Juncaginaceae	Triglochin stowardii		2
Juncaginaceae	Triglochin trichophora	Torpedo Arrowgrass	2
Rhamnaceae	Trymalium angustifolium		2
Lentibulariaceae	Utricularia violacea	Violet Bladderwort	2
Nymphalidae	Vanessa kershawi	Australian Painted Lady	2
Asteraceae	Vellereophyton dealbatum	White Cudweed	2

Myrtaceae	Verticordia acerosa		2
Myrtaceae	Verticordia pennigera	Native Tea	2
Myrtaceae	Verticordia plumosa	Plumed Featherflower	2
Fabaceae	Viminaria juncea	Native Broom	2
Campanulaceae	Wahlenbergia capensis	Cape Bluebell	2
Campanulaceae	Wahlenbergia preissii		2
Xanthorrhoeaceae	Xanthorrhoea drummondii		2
Araceae	Zantedeschia aethiopica	White Arum Lily	2
Tiphiidae	Zaspilothynnus gilesi		2
Tiphiidae	Zaspilothynnus		2
	ANNELIDA	Segmented Worms	1
	ASILOIDEA	Bee Flies	1
	AUCHENORRHYNCHA		1
Fabaceae	Acacia barbinervis subsp. barbinervis		1
Fabaceae	Acacia drewiana		1
Fabaceae	Acacia lasiocalyx	Shaggy Wattle	1
Fabaceae	Acacia longifolia	Sallow Wattle	1
Fabaceae	Acacia pulchella var. pulchella	Prickly Moses	1
Asparagaceae	Acanthocarpus canaliculatus		1
Armadillidae	Acanthodillo		1
Accipitridae	Accipiter (Leucospiza) fasciatus	Brown Goshawk	1
Scincidae	Acritoscincus trilineatus	Western Three-lined Skink	1
Scincidae	Acritoscincus		1
Tenebrionidae	Adelium		1
Proteaceae	Adenanthos drummondii		1
Culicidae	Aedes (Ochlerotatus) hesperonotius		1
Agaricaceae	Agaricaceae		1
	Agaricomycetes		1
Hemerocallidaceae	Agrostocrinum scabrum	Blue Grass Lily	1
Albuginaceae	Albugo candida		1
Albuginaceae	Albugo		1
Pentatomidae	Alcaeus hermannsburgi		1
Casuarinaceae	Allocasuarina microstachya		1
Chydoridae	Alona rigidicaudis	Water Flea	1
Amanitaceae	Amanita		1
Apidae	Amegilla (Zonamegilla)		1
Termitidae	Amitermes obeuntis		1
Termitidae	Amitermes procerus		1
Poaceae	Amphibromus nervosus	Swamp Wallaby Grass	1
Poaceae	Amphipogon laguroides subsp. laguroides		1
Loranthaceae	Amyema linophylla subsp. linophylla		1
Loranthaceae	Amyema miquelii	Box Mistletoe	1
Anamidae	Aname		1
Cerambycidae	Ancita		1
Ericaceae	Andersonia heterophylla		1
Ericaceae	Andersonia lehmanniana subsp. lehmanniana		1
Asteraceae	Angianthus tomentosus	Hairy Cup-flower	1
Haemodoraceae	Anigozanthos bicolor subsp. bicolor		1
Haemodoraceae	Anigozanthos manglesii subsp. quadrans		1
Haemodoraceae	Anigozanthos viridis subsp. Cataby (S.D.Hopper 1786)		1
Elateridae	Anilicus		1
Solanaceae	Anthocercis anisantha subsp. anisantha		1
Fabaceae	Aotus cordifolia		1
Fabaceae	Aotus intermedia		1
Myrtaceae	Apectospermum		1
Apioceridae	Apiocera flabellata		1

Apioceridae	Apiocera pulchra		1
Pygopodidae	Aprasia repens	Sand-plain Worm-lizard	1
Araneidae	Araneus circulissparsus	Orb-weaver Spider	1
Erebidae	Ardices glatignyi		1
Cicadidae	Arenopsaltria fullo	Sandgrinder	1
Theridiidae	Argyrodes antipodianus	Dew Drop Spider	1
Poaceae	Aristida holathera var. holathera	Tall Kerosene Grass	1
Poaceae	Aristida holathera	Erect Kerosene Grass	1
Pentatomidae	Arniscus humeralis		1
Diaspididae	Aspidiotus		1
Asteraceae	Asteraceae	Daisy	1
Buprestidae	Astraeus (Depollus) aberrans		1
Ericaceae	Astroloma glaucescens		1
Ericaceae	Astroloma stomarrhena	Red Swamp Cranberry	1
Chenopodiaceae	Atriplex prostrata	Hastate Orache	1
Araneidae	Austracantha minax	Jewel Spider	1
Boletaceae	Austroboletus lacunosus		1
Tiphiidae	Austromyzinum nubilipennis		1
Synthemistidae	Austrosynthemis cyanitincta	Turquoise Tigertail	1
Poaceae	Avellinia festucoides	Avellinia	1
Blattidae	BLATTIDAE		1
Bombyliidae	BOMBYLIIDAE	Bee Flies	1
Araneidae	Backobourkia heroine		1
Desidae	Badumna insignis	Black House Spider	1
Proteaceae	Banksia armata		1
Proteaceae	Banksia sessilis var. sessilis		1
Proteaceae	Banksia telmatiaea	Swamp Fox Banksia	1
Proteaceae	Banksia	Banksia	1
Pottiaceae	Barbula calycina	Common Beard-moss	1
Cercopidae	Bathyllus albicinctus	Froghopper	1
	Batrachochytrium dendrobatidis	Chytrid Fungus	1
Myrtaceae	Beaufortia macrostemon	Darling Range Beaufortia	1
Crabronidae	Bembicinae		1
Crabronidae	Bembix littoralis	Wasp	1
Crabronidae	Bembix		1
Hydrophilidae	Berosus (Enoplurus) australiae	Water Scavenger Beetle	1
Bolboceratidae	Blackbolbus frontalis		1
Asilidae	Blepharotes		1
Rutaceae	Boronia ovata		1
Fabaceae	Bossiaea		1
Percichthyidae	Bostockia porosa	Nightfish	1
Asteraceae	Brachyscome glandulosa	Sticky Daisy	1
Elapidae	Brachyurophis fasciolatus fasciolatus		1
Poaceae	Bromus diandrus	Great Brome	1
Armadillidae	Buddelundia		1
Chironomidae	CHIRONOMIDAE		1
Chrysididae	CHRYSIDIDAE		1
	CLEROIDEA		1
Coccidae	COCCIDAE		1
Crabronidae	CRABRONIDAE		1
Curculionidae	CURCULIONIDAE		1
Cacatuidae	Cacatua (Cacatua) galerita	Sulphur-crested Cockatoo	1
Cacatuidae	Cacatua (Licmetis) pastinator	Western Corella	1
Cacatuidae	Cacatua		1
Hemerocallidaceae	Caesia		1
Orchidaceae	Caladenia vulgata	Spider Orchid	1

Portulacaceae	Calandrinia granulifera	Pigmy Purslane	1
Portulacaceae	Calandrinia sp. (Milray area)		1
Portulacaceae	Calandrinia	Parakeelya	1
Colletidae	Callohesma		1
Buprestidae	Calotemognatha yarelli elegans		1
Buprestidae	Calotemognatha yarelli yarelli		1
Buprestidae	Calotemognatha yarelli		1
Myrtaceae	Calothamnus phellosus		1
Myrtaceae	Calytrix breviseta		1
Myrtaceae	Calytrix fraseri	Pink Summer Calytrix	1
Myrtaceae	Calytrix	Fringe Myrtle	1
Mantispidae	Campion australasiae		1
Formicidae	Camponotus nigriceps	Black-headed Sugar Ant	1
Formicidae	Camponotus terebrans	Brown Bearded Sugar Ant	1
Leucobryaceae	Campylopus introflexus	Swan-neck Moss	1
Aizoaceae	Carpobrotus edulis	Hottentot Fig	1
Commelinaceae	Cartonema philydroides		1
Lauraceae	Cassytha glabella f. dispar	Slender Dodder-laurel	1
Lauraceae	Cassytha racemosa f. racemosa		1
Buprestidae	Castiarina amabilis		1
Buprestidae	Castiarina anchoralis		1
Buprestidae	Castiarina hostilis		1
Buprestidae	Castiarina parallela		1
Buprestidae	Castiarina subcincta		1
Buprestidae	Castiarina		1
Curculionidae	Catasarcus bilineatus		1
Curculionidae	Catasarcus nephelodes		1
Curculionidae	Catasarcus		1
Gentianaceae	Centaurium erythraea	Common Centaury	1
Gentianaceae	Centaurium tenuiflorum	Branched Centaury	1
Centrolepidaceae	Centrolepis alepyroides		1
Centrolepidaceae	Centrolepis caespitosa		1
Centrolepidaceae	Centrolepis glabra	Smooth Centrolepis	1
Centrolepidaceae	Centrolepis humillima	Dwarf Centrolepis	1
Centrolepidaceae	Centrolepis	Bristlewort	1
Tachinidae	Chaetophthalmus		1
Cuculidae	Chalcites basalis	Horsfield's Bronze-cuckoo	1
Cuculidae	Chalcites lucidus plagosus	Australian Shining Bronze-cuckoo	1
Cuculidae	Chalcites lucidus	Shining Bronze-cuckoo	1
Nemopteridae	Chasmoptera huttii		1
Carabidae	Chlaenius (Pelasmomimus) greyanus		1
Poaceae	Chloris gayana	Rhodes Grass	1
Restionaceae	Chordifex microcodon		1
Restionaceae	Chordifex sinuosus		1
Cyperaceae	Chorizandra enodis	Black Bristle-sedge	1
Chrysididae	Chrysis lincea		1
Chrysididae	Chrysis		1
Asilidae	Chrysopogon		1
Cucurbitaceae	Citrullus lanatus	Camel Melon	1
Clavulinaceae	Clavulina		1
Columbidae	Columba (Columba) livia	Rock Dove	1
Polygalaceae	Comesperma polygaloides	Small Milkwort	1
Polygalaceae	Comesperma virgatum	Milkwort	1
Polygalaceae	Comesperma volubile	Love Creeper	1
Bombyliidae	Comptosia tendens		1
Proteaceae	Conospermum acerosum subsp. acerosum		1

Proteaceae	Conospermum acerosum	Needle-leaved Smokebush	1
Proteaceae	Conospermum huegelii	Slender Smokebush	1
Proteaceae	Conospermum triplinervium	Tree Smokebush	1
Ericaceae	Conostephium minus	Pink-tipped Pearl Flower	1
Ericaceae	Conostephium	Pearl Flowers	1
Haemodoraceae	Conostylis aculeata subsp. bromelioides		1
Haemodoraceae	Conostylis aculeata subsp. cygnorum		1
Haemodoraceae	Conostylis caricina subsp. caricina		1
Haemodoraceae	Conostylis setosa	White Cottonhead	1
Desidae	Corasoides australis	Trampoline Spider	1
Scolopendridae	Cormocephalus turneri		1
Helicidae	Cornu apertus	Green Snail	1
Cortinariaceae	Cortinarius archeri		1
Corvidae	Corvus coronoides perplexus	Western Australian Raven	1
Hemerocallidaceae	Corynotheca micrantha var. elongata		1
Acrididae	Coryphistes ruricola	Bark-mimicking Grasshopper	1
Asteraceae	Cotula australis	Common Cotula	1
Myobatrachidae	Crinia		1
Rhamnaceae	Cryptandra arbutiflora var. arbutiflora		1
Chrysomelidae	Cryptocephalini		1
Lepismatidae	Ctenolepisma		1
Agamidae	Ctenophorus adelaidensis	Western Heath Dragon	1
Culicidae	Culex (Culex) annulirostris	Common Banded Mosquito	1
Convolvulaceae	Cuscuta epithymum	Common Dodder	1
Anatidae	Cygnus atratus	Black Swan	1
Poaceae	Cymbopogon ambiguus	Lemon Grass	1
Cyperaceae	Cyperus tenuiflorus	Scaly Sedge	1
Dryopteridaceae	Cyrtomium falcatum	Holly Fern	1
Diaspididae	DIASPIDIDAE	Diaspidids	1
	DIPLOPODA	Millipedes	1
Nymphalidae	Danaus petilia	Lesser Wanderer	1
Myrtaceae	Darwinia oederoides		1
Myrtaceae	Darwinia pinifolia		1
Erebidae	Dasypodia selenophora	Granny Moth	1
Fabaceae	Daviesia cordata	Bookleaf	1
Fabaceae	Daviesia decurrens subsp. decurrens		1
Fabaceae	Daviesia decurrens	Thorny Bitter-pea	1
Fabaceae	Daviesia divaricata subsp. divaricata		1
Fabaceae	Daviesia divaricata	Marno	1
Fabaceae	Daviesia epiphyllum		1
Fabaceae	Daviesia gracilis		1
Pieridae	Delias aganippe	Red-spotted Jezebel	1
Pygopodidae	Delma grayii	Side-barred Delma	1
Cortinariaceae	Descolea		1
Geometridae	Dichromodes denticulata		1
Pentatomidae	Dictyotus conspicuus	Shield Bug	1
Fabaceae	Dillwynia cinerascens	Grey Parrot-pea	1
Lycosidae	Dingosa serrata	Wolf Spider	1
Dioscoreaceae	Dioscorea hastifolia	Warrine	1
Buprestidae	Diphucrania notulata		1
Buprestidae	Diphucrania viridiceps		1
Buprestidae	Diphucrania viridipurpurea		1
Sapindaceae	Diplopeltis huegelii subsp. lehmannii		1
Bombyliidae	Dissodesma		1
Asteraceae	Dittrichia graveolens	Stinkwort	1
Orchidaceae	Diuris corymbosa	Common Donkey Orchid	1

Orchidaceae	Diuris laxiflora	Bee Orchid	1
Orchidaceae	Diuris longifolia	Common Donkey Orchid	1
Orchidaceae	Diuris	Donkey Orchids	1
Sapindaceae	Dodonaea ericoides		1
Droseraceae	Drosera hyperostigma		1
Droseraceae	Drosera porrecta	Leafy Sundew	1
Droseraceae	Drosera rosulata		1
Droseraceae	Drosera spilos		1
Droseraceae	Drosera stolonifera	Leafy Sundew	1
Blattidae	Drymaplaneta semivitta	Gisborne Cockroach	1
Entocytheridae	ENTOCYTHERIDAE		1
Boraginaceae	Echium plantagineum	Paterson's Curse	1
Scincidae	Egernia napoleonis	South-western Crevice-skink	1
Poaceae	Ehrharta pusilla		1
Cleridae	Eleale aulicodes		1
Cleridae	Eleale		1
Cyperaceae	Eleocharis	Spike-rush	1
Notommatidae	Eosphora najas		1
Geometridae	Epidesmiinae		1
Onagraceae	Epilobium billardiereanum	Variable Willow-herb	1
Poaceae	Eragrostis curvula	African Love-grass	1
Poaceae	Eragrostis elongata	Lovegrass	1
Myrtaceae	Eremaea asterocarpa		1
Myrtaceae	Eremaea purpurea		1
Dytiscidae	Eretes australis	Diving Beetle	1
Ericaceae	Ericaceae	Austral Heaths	1
Geraniaceae	Erodium botrys	Big Herons-bill	1
Apiaceae	Eryngium		1
Buprestidae	Ethonion breve		1
Buprestidae	Ethonion roei		1
Myrtaceae	Eucalyptus rudis	Flooded Gum	1
Myrtaceae	Eucalyptus wandoo	White Gum	1
Vespidae	Eumeninae		1
Syrphidae	Eumerus obliquus		1
Gryllidae	Eurepa marginipennis		1
Mutillidae	Eurymutilla		1
Buprestidae	Euryspilus		1
Falconidae	Falco (Ieracidea) berigora	Brown Falcon	1
Cyperaceae	Ficinia nodosa	Knobby Club-rush	1
Moraceae	Ficus carica	Edible Fig	1
Rallidae	Fulica atra	Eurasian Coot	1
Gasteruptiidae	GASTERUPTIIDAE		1
Gelastocoridae	GELASTOCORIDAE		1
Gnaphosidae	GNAPHOSIDAE		1
Gasteruptiidae	Gasteruption breviscutum		1
Fabaceae	Gastrolobium ebracteolatum		1
Fabaceae	Gastrolobium praemorsum		1
Meliphagidae	Gliciphila melanops	Tawny-crowned Honeyeater	1
Haloragaceae	Glischrocaryon aureum	Yellow Popflower	1
Asteraceae	Gnephosis tenuissima	Dwarf Golden-tip	1
Asteraceae	Gnephosis		1
Acrobolbaceae	Goebelobryum unguiculatum	Mister Whiskers	1
Apocynaceae	Gomphocarpus fruticosus	Narrow-leaved Cotton Bush	1
Fabaceae	Gompholobium	Wedge Peas	1
Campanulaceae	Grammatotheca bergiana		1
Erebidae	Grammodes ocellata	Owlet Moth	1

Proteaceae	Grevillea pinaster		1
Proteaceae	Grevillea quercifolia	Oak-leaf Grevillea	1
Amorphoscelidae	Gyromantis kraussi		1
Hirudinidae	Habeobdella		1
Haemodoraceae	Haemodorum sparsiflorum	Mardja	1
Haemodoraceae	Haemodorum venosum		1
Proteaceae	Hakea cristata		1
Proteaceae	Hakea eneabba		1
Proteaceae	Hakea stenocarpa		1
Accipitridae	Haliastur sphenurus	Whistling Kite	1
Pentatomidae	Halyini		1
Crambidae	Hednota odontoides		1
Crambidae	Hednota recurvellus		1
Tenebrionidae	Helea perforata		1
Limnodynastidae	Heleioporus inornatus	Plains Frog	1
Limnodynastidae	Heleioporus		1
Asteraceae	Helichrysum		1
Muscidae	Helina		1
Poaceae	Hemarthria uncinata var. uncinata	Mat Grass	1
Lamiaceae	Hemiandra linearis	Speckled Snakebush	1
Scincidae	Hemiergis quadrilineata	Two-toed Earless Skink	1
Lamiaceae	Hemigenia barbata		1
Rhinotermitidae	Heterotermes intermedius		1
Dilleniaceae	Hibbertia hypericoides subsp. hypericoides	Yellow Buttercups	1
Dilleniaceae	Hibbertia hypericoides subsp. septentrionalis		1
Dilleniaceae	Hibbertia spicata		1
Dilleniaceae	Hibbertia stellaris	Guinea Flower	1
Coccinellidae	Hippodamia variegata	Spotted Amber Ladybird	1
Lycosidae	Hoggicosa bicolor		1
Sparassidae	Holconia westralia		1
Poaceae	Holcus lanatus	Yorkshire Fog	1
Myrtaceae	Homalocalyx thryptomenoides		1
Fabaceae	Hovea pungens	Devils Pins	1
Hydrophilidae	Hydrophilus (Hydrophilus) albipes	Water Scavenger Beetle	1
Colletidae	Hylaeus (Euprosopoides) ruficeps kalamundae		1
Myrtaceae	Hypocalymma angustifolium subsp. Swan Coastal Plain (G.J.Keighery 16777)		1
Myrtaceae	Hypocalymma angustifolium subsp. angustifolium		1
Restionaceae	Hypolaena		1
	INSECTA	Insects	1
Geometridae	Idaea philocosma	Geometer Moth	1
Barychelidae	Idiommata		1
Idiopidae	Idiosoma jarrah		1
Iridaceae	Iridaceae	Iris	1
Formicidae	Iridomyrmex		1
Cyperaceae	Isolepis cyperoides		1
Cyperaceae	Isolepis		1
Fabaceae	Isotropis cuneifolia	Granny Bonnets	1
Bignoniaceae	Jacaranda mimosifolia	Jacaranda	1
Hemerocallidaceae	Johnsonia pubescens	Pipe Lily	1
Juncaceae	Juncus planifolius	Broad-leaf Rush	1
Kalotermitidae	Kalotermes aemulus		1
Pentatomidae	Kapunda		1
Myrtaceae	Kunzea ericifolia	Spearwood	1
Myrtaceae	Kunzea micrantha subsp. petiolata		1
Lycosidae	LYCOSIDAE	Wolf Spider	1

Lymnaeidae	LYMNAEIDAE		1
Campephagidae	Lalage		1
Proteaceae	Lambertia multiflora var. multiflora		1
Lamponidae	Lampona		1
Asilidae	Laphriinae		1
Halictidae	Lasioglossum (Chilalictus) chapmani	Sweat Bee	1
Halictidae	Lasioglossum (Chilalictus) plebeium		1
Halictidae	Lasioglossum (Chilalictus) vitripenne	Sweat Bee	1
Malvaceae	Lasiopetalum floribundum	Free Flowering Lasiopetalum	1
Malvaceae	Lasiopetalum glutinosum subsp. latifolium		1
Malvaceae	Lawrencia squamata	Thorny Lawrencia	1
Asparagaceae	Laxmannia grandiflora subsp. grandiflora		1
Asparagaceae	Laxmannia ramosa		1
Goodeniaceae	Lechenaultia expansa		1
Goodeniaceae	Lechenaultia floribunda	Free-flowering Leschenaultia	1
Lecideaceae	Lecidea ochroleuca		1
Colletidae	Leioproctus (Leioproctus)		1
Araceae	Lemna disperma	Common Duckweed	1
Triopsidae	Lepidurus apus		1
Restionaceae	Leptocarpus roycei		1
Erebidae	Leptocneria reducta	Moth	1
Santalaceae	Leptomeria empetriformis		1
Myrtaceae	Leptospermopsis erubescens		1
Myrtaceae	Leptospermum nitens		1
Scincidae	Lerista lineopunctulata	Dotted-line Robust Slider	1
Acrobolbaceae	Lethocolea pansa	Common Pouchwort	1
Noctuidae	Leucania diatrecta	Dark-barred Wainscot	1
Ericaceae	Leucopogon glaucifolius		1
Ericaceae	Leucopogon parviflorus	Coast Beard-heath	1
Ericaceae	Leucopogon polymorphus		1
Stylidiaceae	Levenhookia pusilla	Tiny Stylewort	1
Linaceae	Linum trigynum	French Flax	1
Pelodryadidae	Litoria moorei	Western Green And Golden Bell Frog	1
Campanulaceae	Lobelia gibbosa	Tall Lobelia	1
Campanulaceae	Lobelia rhombifolia	Tufted Lobelia	1
Asparagaceae	Lomandra micrantha	Small-flower Mat-rush	1
Asparagaceae	Lomandra	Mat Rushes	1
Calliphoridae	Lucilia sericata	Green Blowfly	1
Agaricaceae	Lycoperdon		1
Lynceidae	Lynceus		1
Lythraceae	Lythrum hyssopifolia	Lesser Loosestrife	1
Miridae	MIRIDAE		1
Cyperaceae	Machaerina arthrophylla	Baumea	1
Macropodidae	Macropus fuliginosus melanops	[black-faced Kangaroo]	1
Zamiaceae	Macrozamia fraseri	Zamia	1
Zamiaceae	Macrozamia riedlei	Zamia Palm	1
Maluridae	Malurus (Leggeornis) pulcherrimus	Blue-breasted Fairy-wren	1
Maluridae	Malurus (Malurus) splendens splendens	Western Splendid Fairy-wren	1
Mantidae	Mantis octospilota	Blackbarred Mantid	1
Salticidae	Maratus mungaich		1
Pittosporaceae	Marianthus coeruleopunctatus		1
Asilidae	Mauropteron pelago	Robber Fly	1
Megachilidae	Megachile (Hackeriapis) tosticauda	Bee	1
Dytiscidae	Megaporus howittii	Diving Beetle	1
Myrtaceae	Melaleuca aspalathoides		1
Myrtaceae	Melaleuca cuticularis	Western Swamp-paperbark	1

Myrtaceae	Melaleuca hnatiukii		1
Myrtaceae	Melaleuca lateritia	Robin Redbreast Bush	1
Myrtaceae	Melaleuca nesophila	Showy Honey Myrtle	1
Myrtaceae	Melaleuca teretifolia	Banbar	1
Myrtaceae	Melaleuca tuberculata var. arenaria		1
Myrtaceae	Melaleuca x arenicola		1
Syrphidae	Melangyna		1
Petroicidae	Melanodryas (Melanodryas) cucullata	Hooded Robin	1
Fabaceae	Melilotus indicus	Sweet Melilot	1
Buprestidae	Melobasis cuprifera		1
Buprestidae	Melobasis gloriosa		1
Buprestidae	Melobasis uniformis		1
Buprestidae	Melobasis vittata		1
Buprestidae	Melobasis		1
Formicidae	Melophorus		1
Scincidae	Menetia greyii	Grey's Menetia	1
Tortricidae	Merophyas divulsana		1
Rhiniidae	Metallea incisuralis	Blow Fly	1
Acrididae	Micreola		1
Phalacrocoracidae	Microcarbo melanoleucos	Little Pied Cormorant	1
Termitidae	Microcerotermes serratus		1
Petroicidae	Microeca (Microeca) fascinans	Jacky Winter	1
Orchidaceae	Microtis atrata	Yellow Onion-orchid	1
Orchidaceae	Microtis brownii	Sweet Mignonette Orchid	1
Orchidaceae	Microtis media subsp. densiflora	Dense Mignonette Orchid	1
Orchidaceae	Microtis media subsp. media	Common Mignonette Orchid	1
Coreidae	Mictis profana	Crusader Bug	1
Asteraceae	Millotia		1
Sarcophagidae	Miltogramma		1
Sarcophagidae	Miltogramminae		1
Brachodidae	Miscera		1
Miturgidae	Mituliodon tarantulinus	Long-legged Sac Spider	1
Campanulaceae	Monopsis debilis var. depressa		1
Morabidae	Morabinae	Matchstick Grasshoppers	1
Bombyliidae	Munjua paralutea		1
Muridae	Mus musculus	House Mouse	1
Mycosphaerellaceae	Mycosphaerella		1
Monarchidae	Myiagra (Seisura) inquieta	Restless Flycatcher	1
Asteraceae	Myriocephalus occidentalis		1
Haloragaceae	Myriophyllum drummondii		1
Haloragaceae	Myriophyllum propinquum	Water Milfoil	1
Haloragaceae	Myriophyllum	Water Milfoil	1
Formicidae	Myrmecia clarki		1
Formicidae	Myrmecia swalei		1
Formicidae	Myrmecia		1
Lycaenidae	Nacaduba biocellata	Two-spotted Line-blue	1
Percichthyidae	Nannoperca vittata	Western Pygmy Perch	1
Dytiscidae	Necterosoma darwini	Diving Beetle	1
Limnodynastidae	Neobatrachus		1
Asilidae	Neoscleropogon		1
Ichneumonidae	Netelia		1
Strigidae	Ninox (Ninox) boobook boobook	South-eastern Boobook	1
Elapidae	Notechis scutatus	Tiger Snake	1
Triaenonychidae	Nunciella		1
Ardeidae	Nycticorax caledonicus	Nankeen Night-heron	1
Oecophoridae	OECOPHORIDAE		1

Termitidae	Occasitermes occasus		1
Stratiomyidae	Odontomyia		1
Lycaenidae	Ogyris amaryllis meridionalis	Satin Azure (inland Subspecies)	1
Asteraceae	Olearia rudis	Azure Daisy-bush	1
Julidae	Ommatoiulus moreleti	Portuguese Millipede	1
Elateridae	Oophorini		1
Salticidae	Opisthoncus		1
Menyanthaceae	Ornduffia albiflora		1
Mantidae	Orthodera ministralis	Green Mantid	1
Curculionidae	Orthorhinus		1
Leporidae	Oryctolagus cuniculus	Rabbit	1
Oscillatoriaceae	Oscillatoria		1
Oxalidaceae	Oxalis pes-caprae	Soursob	1
Oxalidaceae	Oxalis purpurea	One-o'clock	1
Pipunculidae	PIPUNCULIDAE	Big-headed Flies	1
Tettigoniidae	Pachysaga australis		1
Vespidae	Paralastor		1
Limnadiidae	Paralimnadia		1
Poaceae	Parapholis incurva	Curly Ryegrass	1
Iridaceae	Patersonia occidentalis var. occidentalis	Long Purple-flag	1
Acrididae	Peakesia brunnea		1
Anystidae	Pedidromus velox		1
Pelecanidae	Pelecanus conspicillatus	Australian Pelican	1
Poaceae	Pentameris	Pentameris	1
Myrtaceae	Pericalymma crassipes		1
Myrtaceae	Pericalymma ellipticum var. ellipticum		1
Proteaceae	Petrophile biloba	Granite Petrophile	1
Proteaceae	Petrophile squamata		1
Phalacrocoracidae	Phalacrocorax (Phalacrocorax) carbo	Great Cormorant	1
Phalacrocoracidae	Phalacrocorax (Phalacrocorax) varius	Pied Cormorant	1
Phalacrocoracidae	Phalacrocorax		1
Tettigoniidae	Phasmodes ranatriformis		1
Formicidae	Pheidole variabilis	Ant	1
Philotarsidae	Philotarsopsis guttata		1
Cleridae	Phlogistus agraphus		1
Cerambycidae	Phoracantha acanthocera		1
Meliphagidae	Phylidonyris (Meliornis) niger gouldii	Western White-cheeked Honeyeater	1
Peronosporaceae	Phytophthora		1
Thymelaeaceae	Pimelea floribunda		1
Thymelaeaceae	Pimelea imbricata var. major		1
Thymelaeaceae	Pimelea imbricata		1
Thymelaeaceae	Pimelea suaveolens subsp. suaveolens		1
Platanaceae	Platanus		1
Elaeocarpaceae	Platytheca galioides		1
Pygopodidae	Pletholax gracilis	Keeled Legless Lizard	1
Pezizaceae	Plicaria		1
Poaceae	Poa annua	Annual Meadow-grass	1
Poaceae	Poa poiformis	Coast Tussock-grass	1
Podargidae	Podargus strigoides	Tawny Frogmouth	1
Asteraceae	Podolepis aristata subsp. aristata		1
Vespidae	Polistes (Polistella) humilis	Common Paper Wasp	1
Vespidae	Polistes		1
Curculionidae	Polyphrades		1
	Polyporales		1
Lycidae	Porrostoma rhipidium	Long-nosed Lycid Beetle	1
Orchidaceae	Prasophyllum elatum	Tall Leek-orchid	1

Orchidaceae	Prasophyllum fimbria	Fringed Leek Orchid	1
Morabidae	Prorifera spanner		1
Anamidae	Proshermacha		1
Schizasteridae	Protenaster australis		1
Pentatomidae	Pseudapines geminata	Pittosporum Bug	1
Elapidae	Pseudechis australis	Mulga Snake	1
Asteraceae	Pseudognaphalium luteoalbum	Jersey Cudweed	1
Pseudomonadaceae	Pseudomonas 1894		1
Elapidae	Pseudonaja mengdeni	Western Brown Snake	1
Pergidae	Pseudoperga		1
Psychopsidae	Psychopsis mimica		1
Procellariidae	Pterodroma (Pterodroma) macroptera	Great-winged Petrel	1
Pucciniaceae	Puccinia sorghi		1
Pucciniaceae	Puccinia		1
Polyporaceae	Pycnoporus coccineus		1
Polyporaceae	Pycnoporus		1
Pygopodidae	Pygopus lepidopodus	Common Scaly-foot	1
Orchidaceae	Pyrorchis nigricans	Black Fire-orchid	1
Scoliidae	Radumeris tasmaniensis	Parasitoid Wasp	1
Mycosphaerellaceae	Ramularia grevilleana		1
Muridae	Rattus rattus	Black Rat	1
Myrtaceae	Regelia ciliata		1
Tettigoniidae	Requena verticalis		1
Restionaceae	Restio	Mountain Cord Rush	1
Rhipiceridae	Rhipicera		1
Rhipiduridae	Rhipidura (Rhipidura) albiscapa preissi	South-western Grey Fantail	1
Rhizopogonaceae	Rhizopogon luteolus		1
Rhizopogonaceae	Rhizopogon roseolus		1
Formicidae	Rhytidoponera punctata		1
Iridaceae	Romulea	Onion-grass	1
Poaceae	Rytidosperma		1
	SCARABAEOIDEA		1
Scincidae	SCINCIDAE		1
Scoliidae	SCOLIIDAE		1
Sepsidae	SEPSIDAE		1
Sparassidae	SPARASSIDAE	Huntsman Spiders	1
Scincidae	Saproscincus rosei	Rose's Shadeskink	1
Goodeniaceae	Scaevola repens		1
Carabidae	Scaraphites silenus		1
Cyperaceae	Schoenus asperocarpus	Poison Sedge	1
Cyperaceae	Schoenus sculptus	Gimlet Bog-rush	1
Cyperaceae	Schoenus tenellus		1
Sclerodermataceae	Scleroderma cepa		1
Sclerodermataceae	Scleroderma		1
Scoliidae	Scolia		1
Cleridae	Scrobiger splendidus		1
Amphisphaeriaceae	Seimatosporium		1
Selaginellaceae	Selaginella gracillima	Tiny Clubmoss	1
Asteraceae	Senecio multicaulis		1
Crabronidae	Sericophorus viridis	Wasp	1
Acanthizidae	Sericornis (Sericornis) frontalis maculatus	South-western Spotted Scrubwren	1
Acanthizidae	Sericornis (Sericornis) frontalis	White-browed Scrubwren	1
Miridae	Setocoris		1
Caryophyllaceae	Silene gallica var. gallica	French Catchfly	1
Asteraceae	Siloxerus multiflorus	Small Wrinklewort	1
Asteraceae	Siloxerus		1

Elapidae	Simoselaps		1
Syrphidae	Simosyrphus grandicornis	Hoverfly	1
Curculionidae	Siraton roei		1
Caryophyllaceae	Spergularia brevifolia	Salt Sand-spurrey	1
Sphecidae	Sphex caelebs		1
Sphecidae	Sphex fumipennis		1
Sphecidae	Sphex luctuosus	Wasp	1
Noctuidae	Spodoptera		1
Estrildidae	Stagonopleura (Zonaeginthus) oculata	Red-eared Firetail	1
Didymellaceae	Stagonosporopsis cucurbitacearum		1
Proteaceae	Stirlingia abrotanoides		1
Artamidae	Strepera (Neostrepera) versicolor	Grey Currawong	1
Stylidiaceae	Stylidium adpressum	Trigger-on-stilits	1
Stylidiaceae	Stylidium affine	Queen Triggerplant	1
Stylidiaceae	Stylidium androsaceum	Book Triggerplant	1
Stylidiaceae	Stylidium araeophyllum	Stilt Walker	1
Stylidiaceae	Stylidium breviscapum	Boomerang Triggerplant	1
Stylidiaceae	Stylidium diuroides subsp. diuroides		1
Stylidiaceae	Stylidium divaricatum	Daddy-long-legs	1
Stylidiaceae	Stylidium guttatum	Dotted Triggerplant	1
Stylidiaceae	Stylidium neurophyllum	Fan-leaved Triggerplant	1
Stylidiaceae	Stylidium recurvum		1
Stylidiaceae	Stylidium roseoalatum	Pink-winged Triggerplant	1
Stylidiaceae	Stylidium xanthellum	Little Yellow Triggerplant	1
Morabidae	Swanea laticornis		1
Curculionidae	Syarbis posthumeralis		1
Tenebrionidae	TENEBRIONIDAE		1
	TEPHRITOIDEA		1
	TIPULOMORPHA		1
Typhlopidae	TYPHLOPIDAE	North-eastern Blind Snake	1
Podicipedidae	Tachybaptus novaehollandiae	Australasian Grebe	1
Tachyglossidae	Tachyglossus aculeatus acanthion		1
Asteraceae	Taraxacum	Garden Dandelion	1
Myrtaceae	Taxandria linearifolia		1
Buprestidae	Temognatha bruckii		1
Buprestidae	Temognatha flavocincta	Jewel Beetle	1
Buprestidae	Temognatha obscuripennis		1
Elaeocarpaceae	Tetratheca nuda		1
Orchidaceae	Thelymitra pauciflora	Slender Sun Orchid	1
Thripidae	Thrips imaginis	Plague Thrips	1
Asparagaceae	Thysanotus tenellus	Grassy Fringe-lily	1
Asparagaceae	Thysanotus thyrsoideus		1
Scincidae	Tiliqua occipitalis	Western Blue-tongue	1
Tiphiidae	Tmesothynnus zelebori		1
Libellulidae	Tramea stenoloba	Narrow-lobed Glider	1
Hemerocallidaceae	Tricoryne humilis		1
Hemerocallidaceae	Tricoryne tenella	Tufted Yellow Rush-lily	1
Fabaceae	Trifolium campestre var. campestre	Hop Clover	1
Trigonidiidae	Trigonidium		1
Pompilidae	Turneromyia senex	Spider Wasp	1
Pompilidae	Turneromyia		1
Typhaceae	Typha orientalis	Bullrush	1
Pileolariaceae	Uromycladium		1
Asteraceae	Ursinia anthemoides subsp. anthemoides	Ursinia	1
Varanidae	Varanus gouldii	Gould's Goanna	1
Varanidae	Varanus	Mangrove Monitor	1

Goodeniaceae	Velleia trinervis		1
Lycosidae	Venator immansueta	Wolf Spider	1
Myrtaceae	Verticordia huegelii var. huegelii		1
Myrtaceae	Verticordia serrata		1
Vespertilionidae	Vespadelus regulus	Southern Forest Bat	1
Poaceae	Vulpia bromoides	Squirrel-tail Fescue	1
Asteraceae	Waitzia nitida		1
Iridaceae	Watsonia meriana var. meriana	Bulbil Watsonia	1
Bombyliidae	Wurda norrisi	Bee Fly	1
Colchicaceae	Wurmbea		1
Coenagrionidae	Xanthagrion erythroneurum	Red & Blue Damsel	1
Lycaenidae	Zizina otis labradus	Common Grass-blue	1

Endemic Species

Endemic Species: **8**

Spatially valid records are considered those that do not have any type of flag questioning their location, for example a terrestrial species being recorded in the ocean. [Ref6]

Number of endemic species (spatially valid only): **8**

Table 5: Endemic Species

Family	*Scientific Name*	Common Name	No. Occurrences
Apioceridae	Apiocera flabellata		1
Apioceridae	Apiocera pulchra		1
Bombyliidae	Dissodesma		1
Proteaceae	Grevillea lawrenceana		4
Anystidae	Pedidromus velox		1
Sphecidae	Sphex caelebs		1
Curculionidae	Syarbis posthumeralis		1

All threatened species

Number of threatened species: **62**

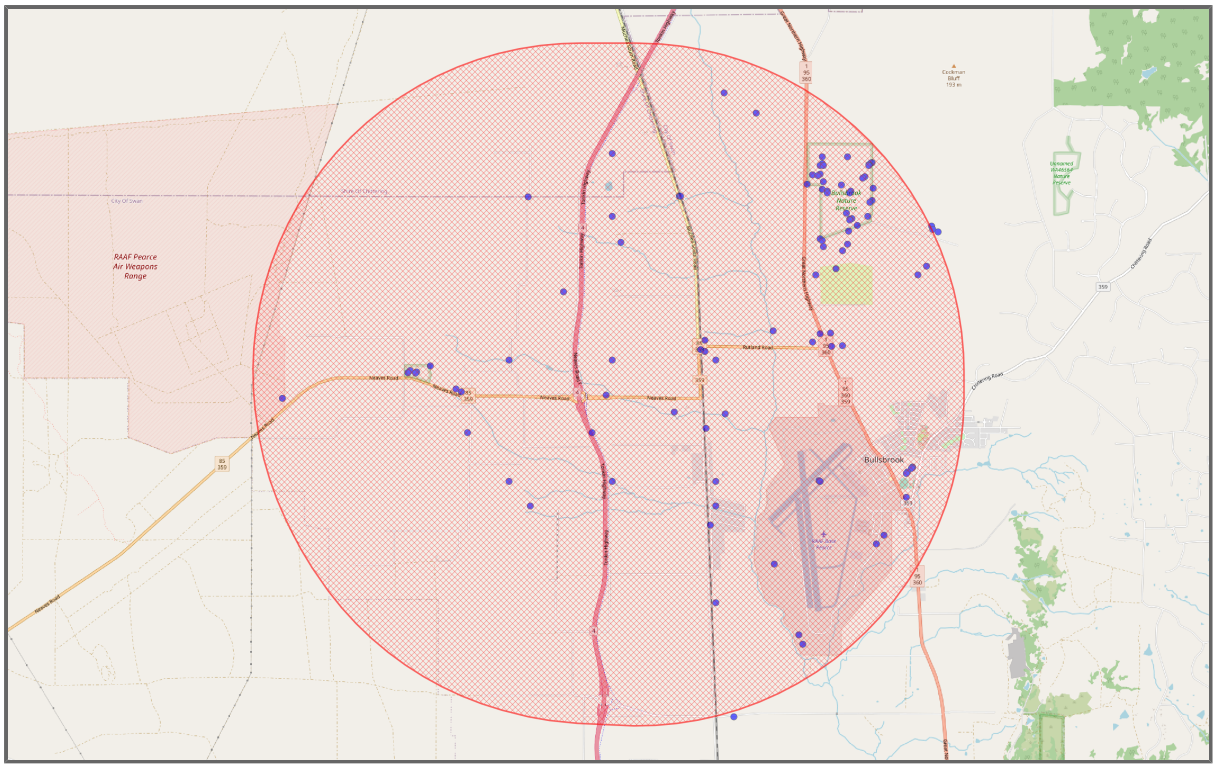


Figure 6 : Map of All threatened species

Table 6: All threatened species (Link to full list)

Family	*Scientific Name*	Common Name	No. Occurrences
Acanthizidae	Gerygone fusca	Western Gerygone	21
Petroicidae	Petroica (Petroica) boodang	Scarlet Robin	14
Stylidiaceae	Levenhookia stipitata	Common Stylewort	9
Poaceae	Poa drummondiana	Knotted Poa	7
Droseraceae	Drosera glanduligera	Scarlet Sundew	6
Stylidiaceae	Stylidium ecorne	Foot Triggerplant	6
Hemerocallidaceae	Tricoryne elatior	Yellow Rush Lily	6
Cyperaceae	Schoenus nanus	Little Bog-rush	5
Lentibulariaceae	Utricularia tenella	Pink Bladderwort	5
Cyperaceae	Bolboschoenus caldwellii	Salt Club-sedge	4
Cacatuidae	Calyptorhynchus (Calyptorhynchus) banksii	Red-tailed Black Cockatoo	4
Elapidae	Echiopsis curta	Bardick	4
Campephagidae	Lalage (Lalage) tricolor	White-winged Triller	4
Asteraceae	Podotheca angustifolia	Sticky Long-heads	4
Poaceae	Polypogon tenellus		4
Asteraceae	Quinetia urvillei	Quinetia	4
Hemerocallidaceae	Stypandra glauca	Nodding Grass-lily	4
Casuarinaceae	Casuarina obesa	Swamp Sheoak	3
Neosittidae	Daphoenositta (Neositta) chrysoptera	Varied Sittella	3
Proteaceae	Grevillea althoferorum		3
Elapidae	Neelaps bimaculatus	Black-naped Snake	3
Juncaginaceae	Triglochin mucronata	Prickly Arrowgrass	3
Thelypteridaceae	Cyclosorus interruptus	Swamp Shield-fern	2
Meliphagidae	Epthianura (Epthianura) albifrons	White-fronted Chat	2
Asteraceae	Gnephosis drummondii	Slender Golden-tip	2

Proteaceae	Grevillea curviloba subsp. curviloba	Curvedleaf Grevillea	2
Proteaceae	Grevillea curviloba subsp. incurva	Narrow Curvedleaf Grevillea	2
Dennstaedtiaceae	Histiopteris incisa	Oak Fern	2
Araliaceae	Hydrocotyle diantha	Kangaroo Island Pennywort	2
Polygonaceae	Persicaria decipiens	Slender Knotweed	2
Phyllanthaceae	Phyllanthus calycinus	Snowdrop Spurge	2
Cyperaceae	Schoenus discifer	Tiny Bog-rush	2
Stylidiaceae	Stylidium despectum	Hundreds And Thousands	2
Orchidaceae	Thelymitra flexuosa	Twisted Sun-orchid	2
Juncaginaceae	Triglochin trichophora	Torpedo Arrowgrass	2
Lentibulariaceae	Utricularia violacea	Violet Bladderwort	2
Fabaceae	Viminaria juncea	Native Broom	2
Scincidae	Acritoscincus trilineatus	Western Three-lined Skink	1
Solanaceae	Anthocercis anisantha subsp. anisantha		1
Poaceae	Aristida holathera var. holathera	Tall Kerosene Grass	1
Portulacaceae	Calandrinia granulifera	Pigmy Purslane	1
Centrolepidaceae	Centrolepis glabra	Smooth Centrolepis	1
Cyperaceae	Chorizandra enodis	Black Bristle-sedge	1
Polygalaceae	Comesperma polygaloides	Small Milkwort	1
Fabaceae	Dillwynia cinerascens	Grey Parrot-pea	1
Orchidaceae	Diuris	Donkey Orchids	1
Asteraceae	Gnephosis tenuissima	Dwarf Golden-tip	1
Stylidiaceae	Levenhookia pusilla	Tiny Stylewort	1
Campanulaceae	Lobelia rhombifolia	Tufted Lobelia	1
Cyperaceae	Machaerina arthrophylla	Baumea	1
Myrtaceae	Melaleuca cuticularis	Western Swamp-paperbark	1
Petroicidae	Melanodryas (Melanodryas) cucullata	Hooded Robin	1
Orchidaceae	Microtis atrata	Yellow Onion-orchid	1
Monarchidae	Myiagra (Seisura) inquieta	Restless Flycatcher	1
Elapidae	Notechis scutatus	Tiger Snake	1
Orchidaceae	Prasophyllum elatum	Tall Leek-orchid	1
Cyperaceae	Schoenus sculptus	Gimlet Bog-rush	1
Asteraceae	Siloxerus multiflorus	Small Wrinklewort	1
Buprestidae	Temognatha flavocincta	Jewel Beetle	1
Orchidaceae	Thelymitra pauciflora	Slender Sun Orchid	1
Asparagaceae	Thysanotus tenellus	Grassy Fringe-lily	1
Scincidae	Tiliqua occipitalis	Western Blue-tongue	1

All invasive species

Number of invasive species: **11**

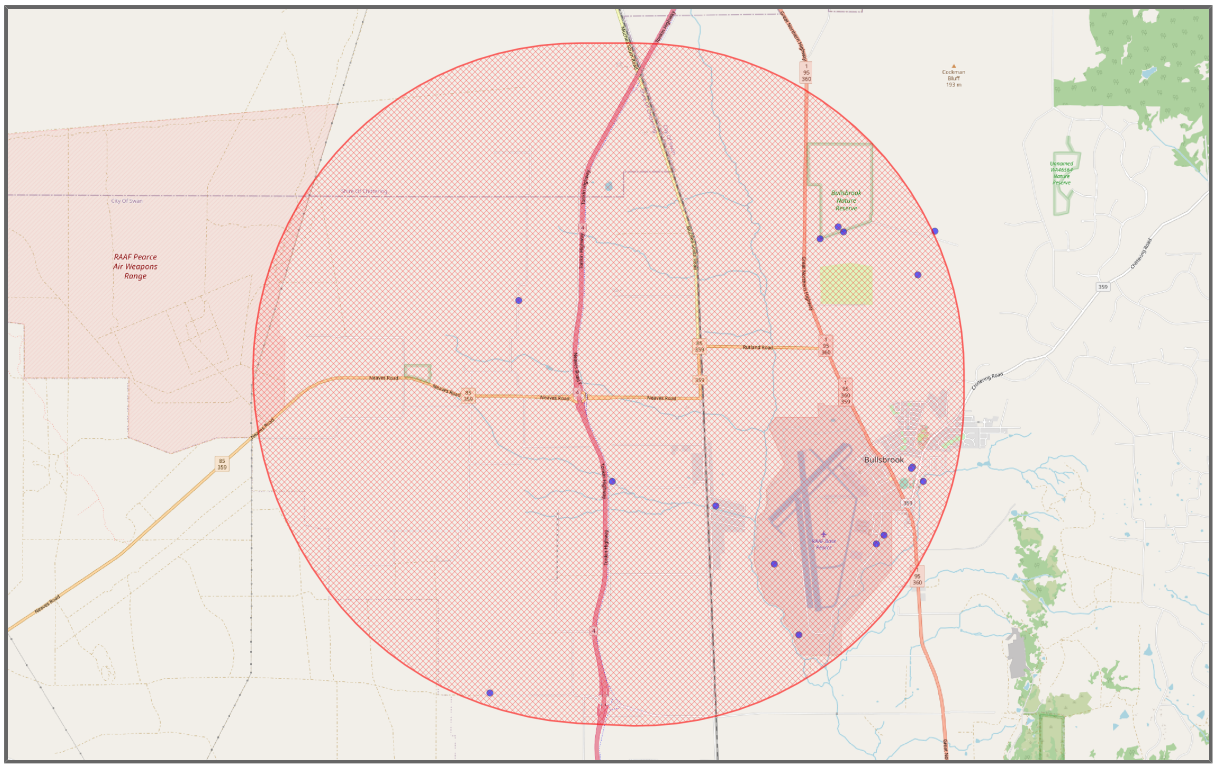


Figure 7 : Map of All invasive species

Table 7: All invasive species (Link to full list)

Family	*Scientific Name*	Common Name	No. Occurrences
Iridaceae	Moraea flaccida	One-leaf Cape Tulip	6
Iridaceae	Moraea miniata	Two-leaf Cape Tulip	3
Araceae	Zantedeschia aethiopica	White Arum Lily	2
Helicidae	Cornu apertus	Green Snail	1
Boraginaceae	Echium plantagineum	Paterson's Curse	1
Apocynaceae	Gomphocarpus fruticosus	Narrow-leaved Cotton Bush	1
Formicidae	Iridomyrmex		1
Leporidae	Oryctolagus cuniculus	Rabbit	1
Peronosporaceae	Phytophthora		1
Pseudomonadaceae	Pseudomonas 1894		1
Pucciniaceae	Puccinia sorghi		1

Iconic species

Number of iconic species: **17**

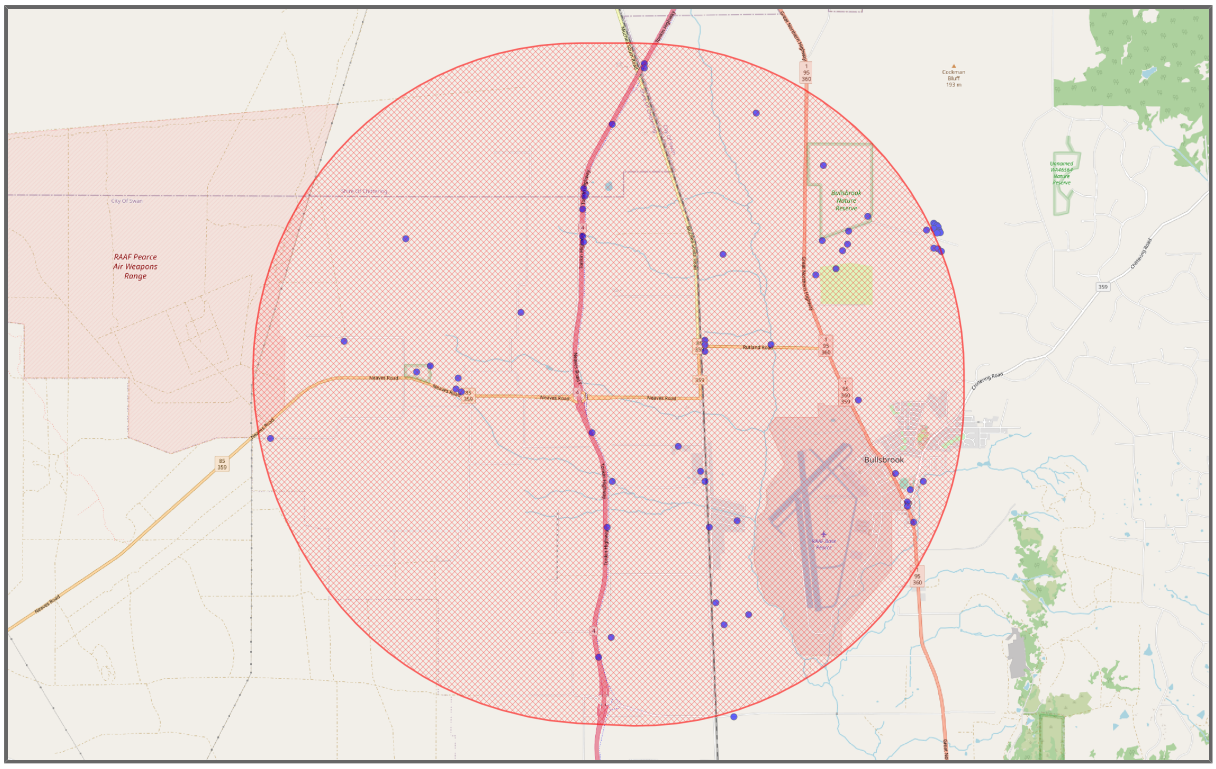


Figure 8 : Map of Iconic species

Table 8: Iconic species (Link to full list)

Family	*Scientific Name*	Common Name	No. Occurrences
Artamidae	Gymnorhina tibicen	Australian Magpie	37
Rhipiduridae	Rhipidura (Sauloprocta) leucophrys	Willie Wagtail	27
Cacatuidae	Eolophus roseicapilla	Galah	25
Meliphagidae	Anthochaera (Anthochaera) carunculata	Red Wattlebird	21
Casuariidae	Dromaius novaehollandiae	Emu	17
Meliphagidae	Phylidonyris (Meliornis) novaehollandiae	New Holland Honeyeater	16
Alcedinidae	Dacelo (Dacelo) novaeguineae	Laughing Kookaburra	9
Myrtaceae	Chamelaucium uncinatum	Geraldton Wax	4
Scincidae	Tiliqua rugosa	Shingle-back	4
Haemodoraceae	Anigozanthos manglesii	Red And Green Kangaroo Paw	3
Accipitridae	Aquila (Uroaetus) audax	Wedge-tailed Eagle	3
Cacatuidae	Cacatua (Cacatua) galerita	Sulphur-crested Cockatoo	1
Elapidae	Notechis scutatus	Tiger Snake	1
Pelecanidae	Pelecanus conspicillatus	Australian Pelican	1
Podargidae	Podargus strigoides	Tawny Frogmouth	1
Vespidae	Polistes (Polistella) humilis	Common Paper Wasp	1
Elapidae	Pseudechis australis	Mulga Snake	1

Migratory species

Number of migratory species: **0**

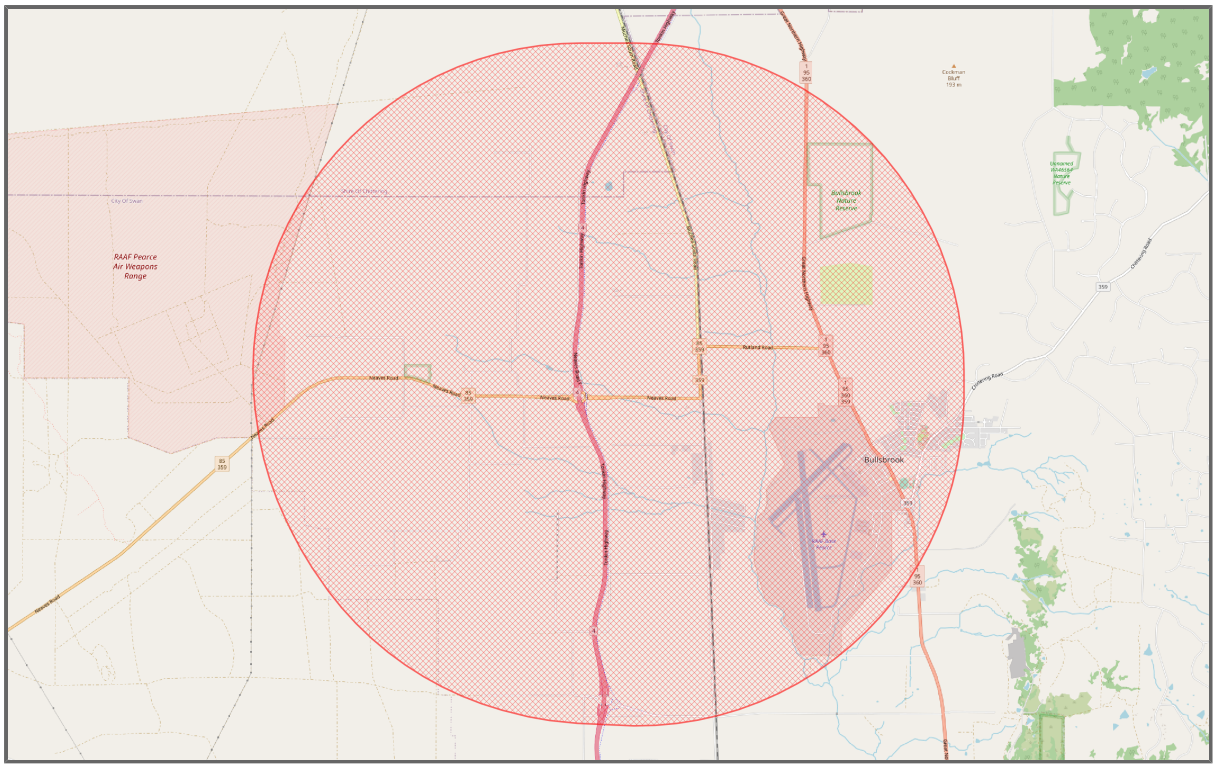


Figure 9 : Map of Migratory species

Table 9: Migratory species (Link to full list)

Family	*Scientific Name*	Common Name	No. Occurrences

Lifeform - Algae

Number of Algae **2**

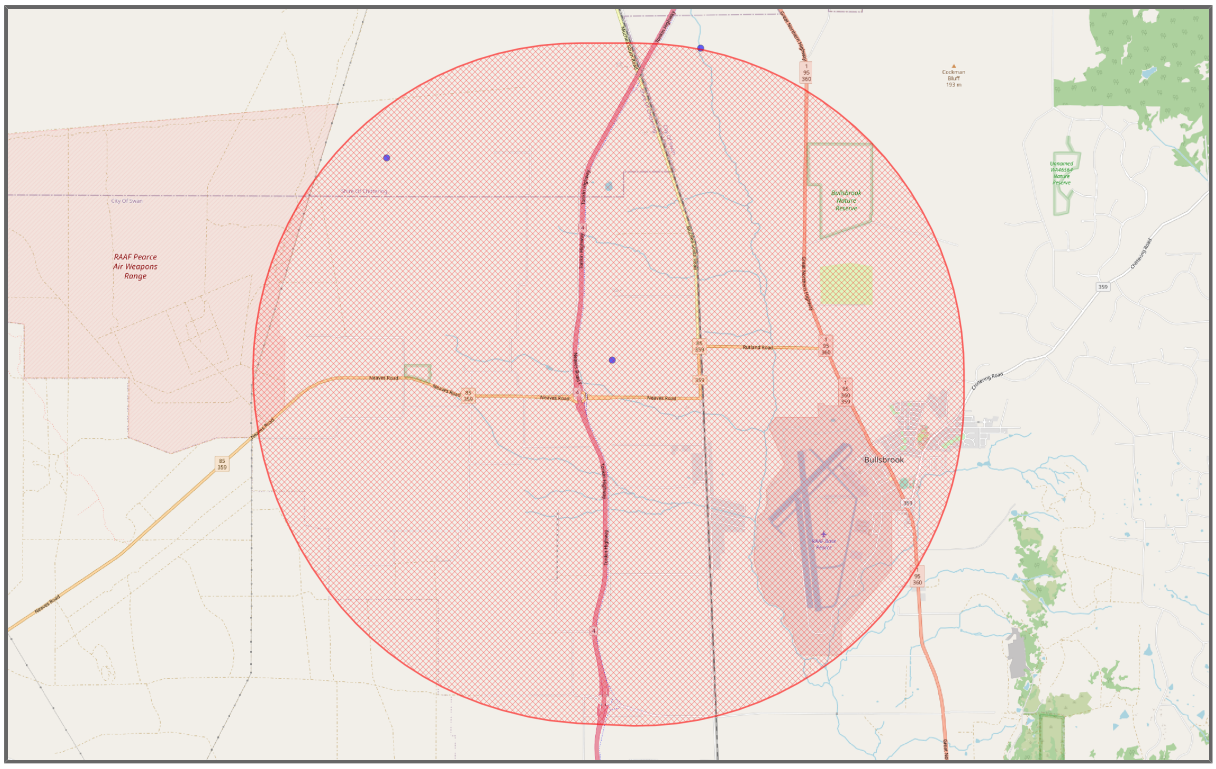


Figure 10 : Map of Lifeform - Algae

Table 10: Lifeform - Algae (Link to full list)

Family	*Scientific Name*	Common Name	No. Occurrences
Characeae	Nitella tasmanica	Green Algae	2
Oscillatoriaceae	Oscillatoria		1

Lifeform - Amphibians

Number of Amphibians **17**

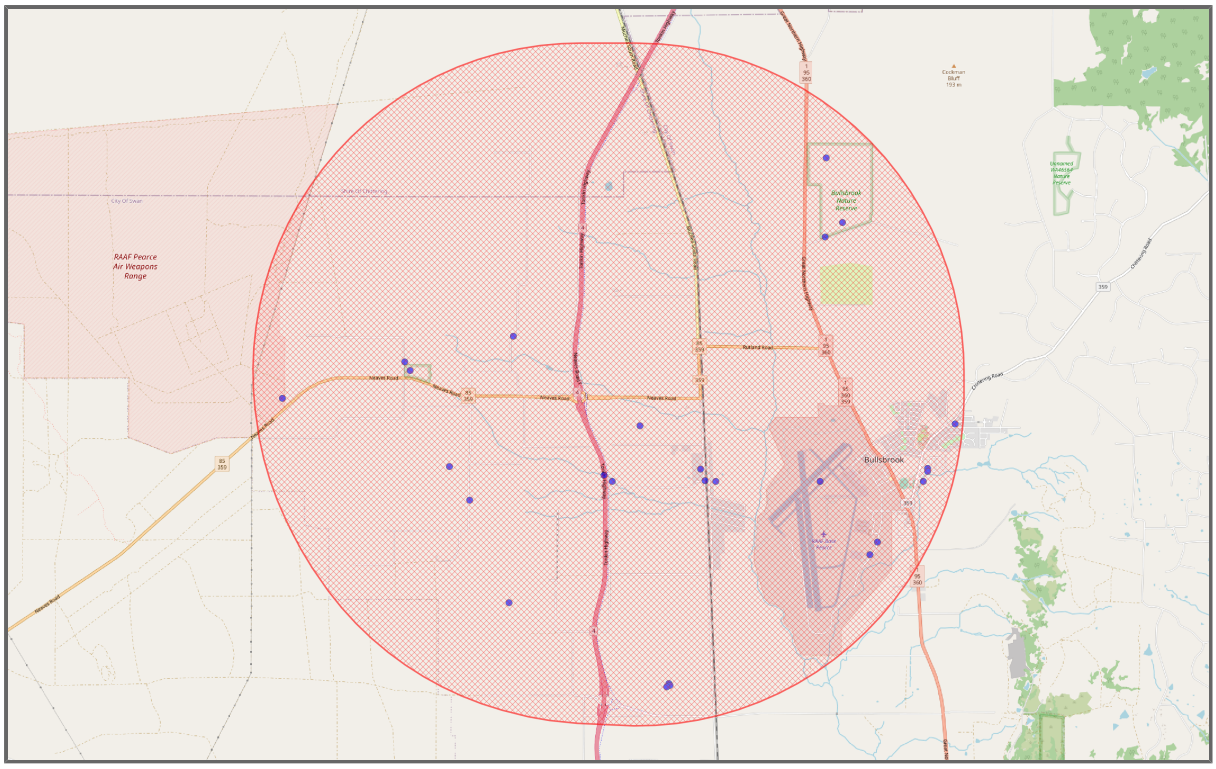


Figure 11 : Map of Lifeform - Amphibians

Table 11: Lifeform - Amphibians (Link to full list)

Family	*Scientific Name*	Common Name	No. Occurrences
Myobatrachidae	Crinia insignifera	Sign-bearing Froglet	15
Myobatrachidae	Crinia glauerti	Glauert's Froglet	5
Limnodynastidae	Heleioporus barycragus	Hooting Frog	5
Myobatrachidae	Crinia pseudinsignifera	Bleating Froglet	4
Limnodynastidae	Heleioporus eyrei	Moaning Frog	4
Pelodryadidae	Litoria adelaidensis	Slender Tree Frog	4
Myobatrachidae	Crinia georgiana	Tschudi's Froglet	3
Limnodynastidae	Heleioporus albopunctatus	Western Spotted Frog	3
Limnodynastidae	Limnodynastes dorsalis	Western Banjo Frog	2
Myobatrachidae	Myobatrachus gouldii	Turtle Frog	2
Limnodynastidae	Neobatrachus pelobatoides	Humming Frog	2
Myobatrachidae	Pseudophryne guentheri	Gunther's Toadlet	2
Myobatrachidae	Crinia		1
Limnodynastidae	Heleioporus inornatus	Plains Frog	1
Limnodynastidae	Heleioporus		1
Pelodryadidae	Litoria moorei	Western Green And Golden Bell Frog	1
Limnodynastidae	Neobatrachus		1

Lifeform - Angiosperms

Number of Angiosperms **0**

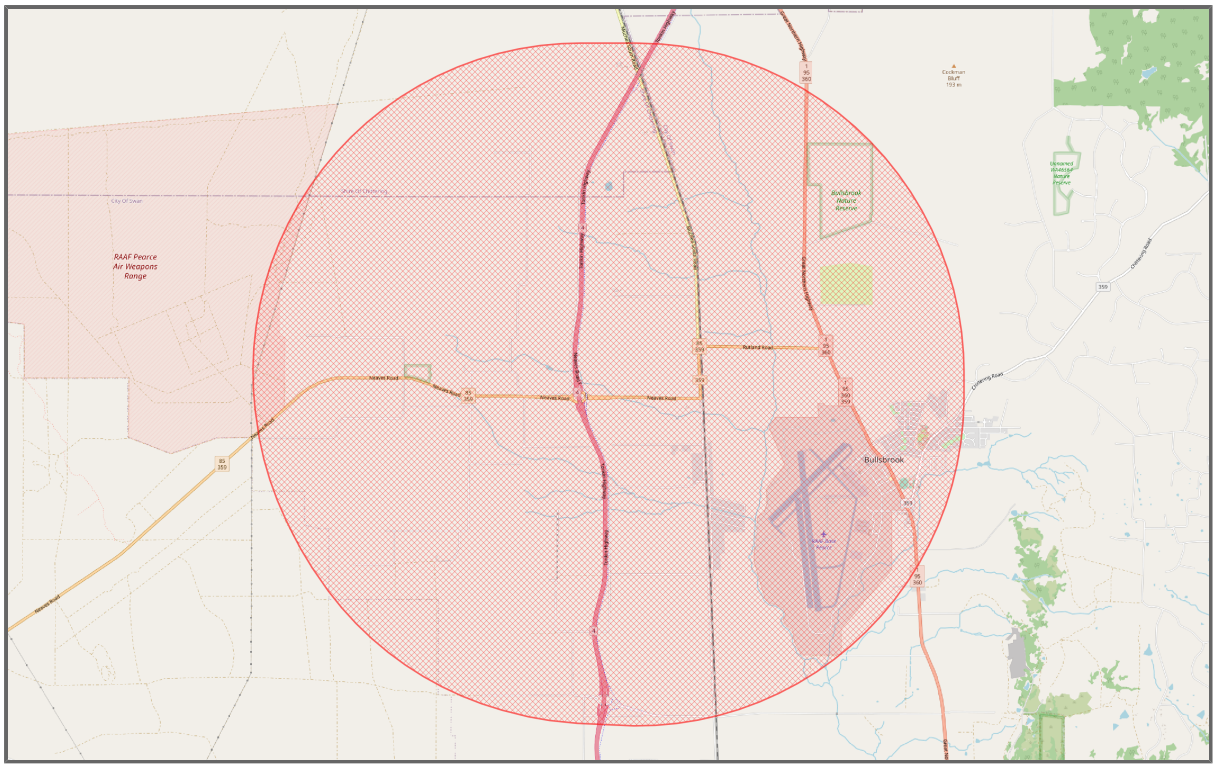


Figure 12 : Map of Lifeform - Angiosperms

Table 12: Lifeform - Angiosperms (Link to full list)

Family	*Scientific Name*	Common Name	No. Occurrences

Lifeform - Animals

Number of Animals **604**

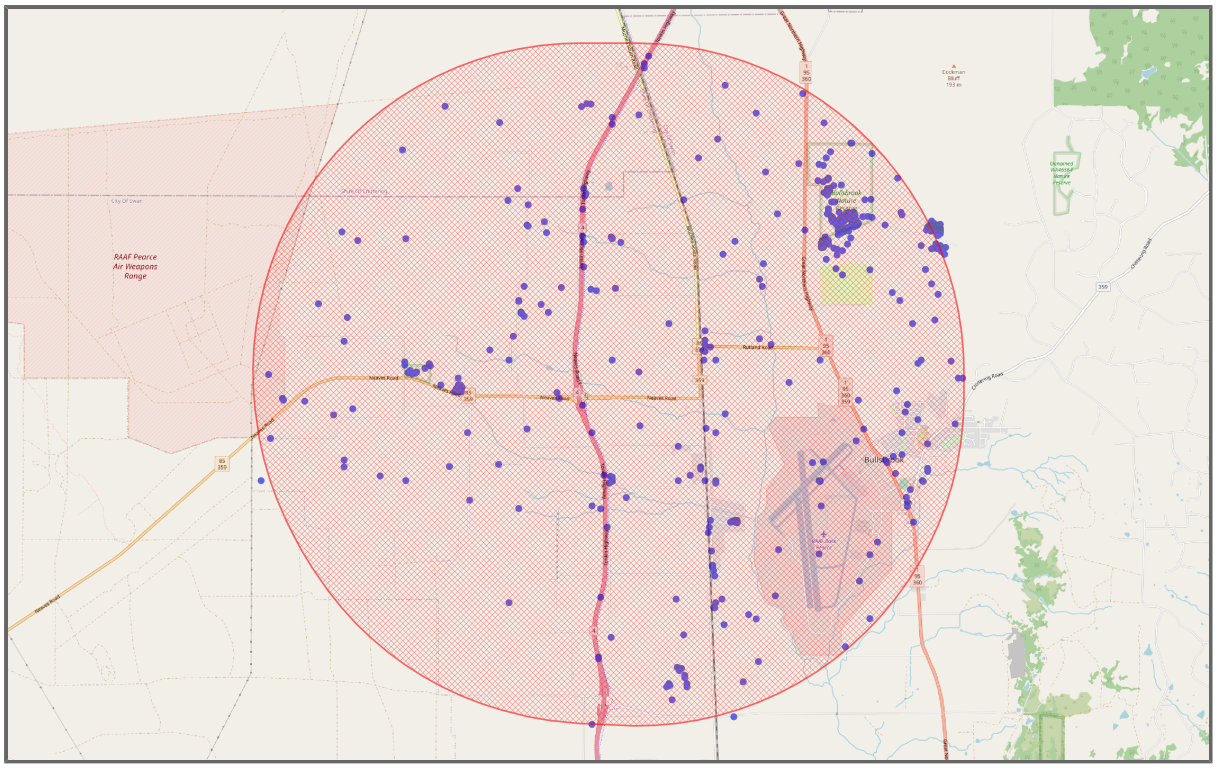


Figure 13 : Map of Lifeform - Animals

Table 13: Lifeform - Animals (Link to full list)

Family	*Scientific Name*	Common Name	No. Occurrences
Halictidae	Lipotriches (Austronomia) flavoviridis	Sweat Bee	78
Psittacidae	Barnardius zonarius	Australian Ringneck	51
Colletidae	Leioproctus		46
Corvidae	Corvus coronoides	Australian Raven	41
Halictidae	Lipotriches (Austronomia) australica	Sweat Bee	41
Artamidae	Gymnorhina tibicen	Australian Magpie	37
Halictidae	Lasioglossum (Chilalictus) hemichalceum	Sweat Bee	32
Maluridae	Malurus (Malurus) splendens	Splendid Fairy-wren	32
Meliphagidae	Lichmera (Lichmera) indistincta	Brown Honeyeater	27
Rhipiduridae	Rhipidura (Sauloprocta) leucophrys	Willie Wagtail	27
Cacatuidae	Eolophus roseicapilla	Galah	25
Megachilidae	Megachile (Eutricharaea) macularis	Bee	24
Halictidae	Lasioglossum (Parasphecodes) hiltacum	Sweat Bee	23
Pachycephalidae	Pachycephala (Alisterornis) rufiventris	Rufous Whistler	23
Rhipiduridae	Rhipidura (Rhipidura) albiscapa	Grey Fantail	23
Megachilidae	Megachile (Eutricharaea) obtusa	Bee	22
Meliphagidae	Anthochaera (Anthochaera) carunculata	Red Wattlebird	21
Acanthizidae	Gerygone fusca	Western Gerygone	21
Threskiornithidae	Threskiornis spinicollis	Straw-necked Ibis	21
Megachilidae	Megachile ignita	Bee	20
Monarchidae	Grallina cyanoleuca	Magpie-lark	18
Megachilidae	Megachile (Eutricharaea) chrysopyga	Bee	18
Zosteropidae	Zosterops lateralis	Silvereye	18
Casuariidae	Dromaius novaehollandiae	Emu	17
Acanthizidae	Acanthiza (Geobasileus) chrysorrhoa	Yellow-rumped Thornbill	16

Falconidae	Falco (Tinnunculus) cenchroides	Nankeen Kestrel	16
Meliphagidae	Gavicalis virescens	Singing Honeyeater	16
Meliphagidae	Phylidonyris (Meliornis) novaehollandiae	New Holland Honeyeater	16
Argiolestidae	Archiargiolestes pusillus	Little Flatwing	15
Myobatrachidae	Crinia insignifera	Sign-bearing Froglet	15
Hirundinidae	Petrochelidon (Hylochelidon) nigricans	Tree Martin	15
Campephagidae	Coracina (Coracina) novaehollandiae	Black-faced Cuckoo-shrike	14
Hirundinidae	Hirundo (Hirundo) neoxena	Welcome Swallow	14
Columbidae	Ocyphaps lophotes	Crested Pigeon	14
Petroicidae	Petroica (Petroica) boodang	Scarlet Robin	14
Meliphagidae	Phylidonyris (Meliornis) niger	White-cheeked Honeyeater	14
Libellulidae	Diplacodes bipunctata	Wandering Percher	13
Pardalotidae	Pardalotus (Pardalotinus) striatus	Striated Pardalote	13
Columbidae	Phaps (Phaps) chalcoptera	Common Bronzewing	13
Megachilidae	Megachile aurifrons	Bee	12
Psittacidae	Purpureicephalus spurius	Red-capped Parrot	12
Meliphagidae	Acanthorhynchus superciliosus	Western Spinebill	11
Cicadidae	CICADIDAE		11
Buprestidae	Diphucrania tyrrhena		11
Meliphagidae	Anthochaera (Anellobia) lunulata	Western Wattlebird	10
Cacatuidae	Cacatua (Licmetis) sanguinea	Little Corella	10
Anatidae	Chenonetta jubata	Australian Wood Duck	10
Colletidae	Hylaeus (Euprosopis) violaceus	Species Of Yellowfaced Bee	10
Buprestidae	Neocuris discoflava		10
Petaluridae	Petalura hesperia	Western Petaltail	10
Acanthizidae	Smicrornis brevirostris	Weebill	10
Anatidae	Tadorna (Casarca) tadornoides	Australian Shelduck	10
Apidae	Amegilla (Notomegilla) chlorocyanea	Blue Banded Bee	9
Motacillidae	Anthus (Anthus) novaeseelandiae novaeseelandiae		9
Alcedinidae	Dacelo (Dacelo) novaeguineae	Laughing Kookaburra	9
Ardeidae	Egretta novaehollandiae	White-faced Heron	9
Buprestidae	Melobasis lathami		9
Urodacidae	Urodacus		9
Artamidae	Artamus (Angroyan) cyanopterus	Dusky Woodswallow	8
Gomphidae	Austrogomphus		8
Buprestidae	Castiarina rufipennis		8
Colletidae	Dasyhesma robusta		8
Corduliidae	Hemicordulia tau	Tau Emerald	8
Halictidae	Lasioglossum		8
Megachilidae	Megachile (Eutricharaea) serricauda	Bee	8
Megachilidae	Megachile		8
Acanthizidae	Acanthiza (Geobasileus) inornata	Western Thornbill	7
Apidae	Amegilla		7
Anatidae	Anas (Anas) superciliosa	Pacific Black Duck	7
Apidae	Apis (Apis) mellifera	Honey Bee	7
Buprestidae	Castiarina flaviceps		7
Buprestidae	Castiarina simulata		7
Halictidae	Lasioglossum (Chilalictus) ebeneum		7
Maluridae	Malurus (Leggeornis) assimilis	Purple-backed Fairy-wren	7
Salticidae	Maratus pavonis	Species Of Peacock Spider	7
Meropidae	Merops (Merops) ornatus	Rainbow Bee-eater	7
Libellulidae	Orthetrum caledonicum	Blue Skimmer	7
Threskiornithidae	Threskiornis moluccus	Australian White Ibis	7
Canidae	Vulpes vulpes	Fox	7
Artamidae	Artamus (Angroyan) cinereus	Black-faced Woodswallow	6
Araneidae	Backobourkia		6

Buprestidae	Castiarina placida		6
Locustellidae	Cincloramphus (Cincloramphus) cruralis	Brown Songlark	6
Accipitridae	Elanus axillaris	Black-shouldered Kite	6
Buprestidae	Ethonion		6
Cuculidae	Heteroscenes pallidus	Pallid Cuckoo	6
Halictidae	Lasioglossum (Homalictus)		6
Scarabaeidae	Liparetrus striatus		6
Megachilidae	Megachile speluncarum		6
Colletidae	Paracolletes (Paracolletes) crassipes	Plasterer Bee	6
Buprestidae	Temognatha rectipennis		6
Apidae	Thyreus waroonensis	Cuckoo Bee	6
Curculionidae	Tranes vigorsii		6
Acrididae	ACRIDIDAE		5
Acanthizidae	Acanthiza (Acanthiza) apicalis	Red-rumped Tit	5
Libellulidae	Austrothemis nigrescens	Swamp Flat-tail	5
	COLEOPTERA	Beetles	5
Pachycephalidae	Colluricincla (Colluricincla) harmonica	Grey Shrike-thrush	5
Artamidae	Cracticus torquatus	Grey Butcherbird	5
Myobatrachidae	Crinia glauerti	Glauert's Froglet	5
Hydrophilidae	HYDROPHILIDAE		5
Limnodynastidae	Heleioporus barycragus	Hooting Frog	5
Halictidae	Lasioglossum (Chilalictus) lanarium	Sweat Bee	5
Halictidae	Lasioglossum (Chilalictus) mirandum		5
Mutillidae	MUTILLIDAE		5
Salticidae	Maratus griseus		5
Argiolestidae	Miniargiolestes minimus	Stream Flatwing	5
Actinopodidae	Missulena granulosa		5
Libellulidae	Nannophya dalei	Eastern Pygmyfly	5
Cyclopidae	Paracyclops intermedius		5
Petroicidae	Petroica (Petroica) goodenovii	Red-capped Robin	5
Charadriidae	Vanellus (Lobivanellus) tricolor	Banded Lapwing	5
Buprestidae	Agrilus (Agrilus) hypoleucus		4
Dytiscidae	Antiporus femoralis	Diving Beetle	4
Synthemistidae	Archaeosynthemis occidentalis	Western Brown Tigertail	4
Buprestidae	BUPRESTIDAE		4
Elapidae	Brachyurophis semifasciatus	Southern Shovel-nosed Snake	4
Cacatuidae	Calyptorhynchus (Calyptorhynchus) banksii	Red-tailed Black Cockatoo	4
Buprestidae	Castiarina nonyma		4
Buprestidae	Castiarina pallidiventris		4
Myobatrachidae	Crinia pseudinsignifera	Bleating Froglet	4
	DIPTERA	Flies	4
Buprestidae	Diphucrania roseocuprea		4
Elapidae	Echiopsis curta	Bardick	4
Limnodynastidae	Heleioporus eyrei	Moaning Frog	4
Colletidae	Hyleoides zonalis		4
Campephagidae	Lalage (Lalage) tricolor	White-winged Triller	4
Scincidae	Lerista elegans	Elegant Slider	4
Pygopodidae	Lialis burtonis	Burton's Snake-lizard	4
Hydrophilidae	Limnoxenus zealandicus	Water Scavenger Beetle	4
Pelodryadidae	Litoria adelaidensis	Slender Tree Frog	4
Buthidae	Lychas		4
Macropodidae	Macropus fuliginosus	Western Grey Kangaroo	4
Buprestidae	Melobasis costipennis		4
Phytoseiidae	Neoseiulus		4
Sphecidae	Sphex modestus		4
Stenotritidae	Stenotritus greavesi		4

Castniidae	Synemon leucospila		4
Tarsipedidae	Tarsipes rostratus	Honey Possum	4
Scincidae	Tiliqua rugosa	Shingle-back	4
	ARANEAE	Spiders	3
Araneidae	ARANEIDAE		3
Asilidae	ASILIDAE	Robber Flies	3
Accipitridae	Aquila (Uroaetus) audax	Wedge-tailed Eagle	3
Synthemistidae	Archaeosynthemis leachii	Twinspot Tigertail	3
Ardeidae	Ardea pacifica	White-necked Heron	3
Aeshnidae	Austroaeschna anacantha	Western Darner	3
Cuculidae	Cacomantis (Vidgenia) flabelliformis	Fan-tailed Cuckoo	3
Buprestidae	Castiarina aureola		3
Buprestidae	Castiarina mimesis		3
Asilidae	Cerdistus hudsoni		3
Parastacidae	Cherax preissii		3
Myobatrachidae	Crinia georgiana	Tschudi's Froglet	3
Scincidae	Cryptoblepharus buchananii	Buchanan’s Snake-eyed Skink	3
Neosittidae	Daphoenositta (Neositta) chrysoptera	Varied Sittella	3
Dicaeidae	Dicaeum (Dicaeum) hirundinaceum	Mistletoebird	3
Zodariidae	Habronestes		3
Limnodynastidae	Heleioporus albopunctatus	Western Spotted Frog	3
Coenagrionidae	Ischnura aurora	Aurora Bluetail	3
Morabidae	MORABIDAE		3
Buprestidae	Melobasis rubromarginata		3
Hesperiidae	Mesodina cyanophracta	Blue Iris-skipper	3
Tettigoniidae	Metaballus frontalis		3
Vespidae	Metaparagia maculata		3
Brachodidae	Miscera mesochrysa	Day-flying Moth	3
Elapidae	Neelaps bimaculatus	Black-naped Snake	3
Buprestidae	Neocuris thoracica		3
Phytoseiidae	Neoseiulus cucumeris		3
Araneidae	Nephila		3
Dytiscidae	Onychohydrus		3
Pompilidae	POMPILIDAE		3
Pachycephalidae	Pachycephala (Pachycephala) pectoralis fuliginosa	South Australian Golden Whistler	3
Cicadidae	Physeema convergens		3
Dytiscidae	Rhantus suturalis	Diving Beetle	3
Formicidae	Rhytidoponera		3
Scarabaeidae	SCARABAEIDAE		3
Elapidae	Simoselaps bertholdi	Jan's Banded Snake	3
Columbidae	Spilopelia senegalensis	Laughing Turtle-dove	3
Lycosidae	Tasmanicosa leuckartii	Leuckart’s Wolf Spider, Hay Spider	3
Buprestidae	Temognatha		3
Colletidae	Trichocolletes		3
Acaridae	Tyrophagus		3
Bombyliidae	Villa		3
Meliphagidae	Acanthagenys rufogularis	Spiny-cheeked Honeyeater	2
Aeshnidae	Adversaeschna brevistyla	Blue-spotted Hawker	2
Bombyliidae	Aleucosia maculosa	Bee Fly	2
Anatidae	Anas gracilis	Grey Teal	2
Typhlopidae	Anilios australis	Southern Blind Snake	2
Typhlopidae	Anilios waitii	Beaked Blind Snake	2
Colletidae	Anthoglossa nigrocinctus		2
Mantidae	Archimantis		2
Coenagrionidae	Austroagrion cyane	South-western Billabongfly	2
Lestidae	Austrolestes annulosus	Blue Ringtail	2

Asilidae	Bathypogon		2
Bombyliidae	Bombyliini		2
	CHILOPODA	Centipedes	2
Cixiidae	CIXIIDAE	Cixiid Planthoppers	2
Clastopteridae	CLASTOPTERIDAE		2
Cacatuidae	Cacatua (Licmetis) tenuirostris	Long-billed Corella	2
Buprestidae	Calotemognatha varicollis		2
Formicidae	Camponotus chalceus		2
Buprestidae	Castiarina aeraticollis		2
Buprestidae	Castiarina aquila		2
Buprestidae	Castiarina crocicolor		2
Buprestidae	Castiarina filiformis		2
Acrididae	Cedarinia		2
Cuculidae	Chalcites		2
Chelidae	Chelodina (Macrochelodina) oblonga	Northern Snake-necked Turtle	2
Parastacidae	Cherax quinquecarinatus	Djilgi	2
Bombyliidae	Choristus		2
Asilidae	Chrysopogon albopunctatus		2
Locustellidae	Cincloramphus (Maclennania) mathewsi	Rufous Songlark	2
Crabronidae	Clitemnestra guttatula		2
Scolopendridae	Cormocephalus		2
Phasianidae	Coturnix (Coturnix) pectoralis	Stubble Quail	2
Formicidae	Crematogaster		2
Scincidae	Ctenotus fallens	West-coast Laterite Ctenotus	2
Scincidae	Ctenotus		2
Dytiscidae	DYTISCIDAE		2
Nymphalidae	Danaus plexippus	Wanderer	2
Colletidae	Dasyhesma scholtziae		2
Vespidae	Delta bicinctum	Wasp	2
Pentatomidae	Dictyotus caenosus	Brown Shield Bug	2
Scarabaeidae	Diphucephala		2
Buprestidae	Diphucrania stigmata		2
Bombyliidae	Dissodesma primogenitus		2
Meliphagidae	Epthianura (Epthianura) albifrons	White-fronted Chat	2
Falconidae	Falco (Falco) longipennis	Australian Hobby	2
Araneidae	Gasteracantha		2
Acrididae	Goniaea vocans	Slender Gumleaf Grasshopper	2
	HYMENOPTERA	Wasps	2
Acrididae	Heteropternis obscurella		2
Histeridae	Hololepta (Hololepta) australica		2
Araneidae	Hortophora		2
Colletidae	Hylaeus (Euprosopoides) musgravei		2
Colletidae	Hylaeus (Macrohylaeus) alcyoneus	Species Of Yellowfaced Bee	2
Colletidae	Hylaeus (Planihylaeus) quadriceps	Plasterer Bee	2
Colletidae	Hylaeus (Prosopisteron) quadratus	Plasterer Bee	2
Barychelidae	Idiommata blackwallii		2
	LEPIDOPTERA	Butterflies	2
Libellulidae	LIBELLULIDAE	Skimmers	2
Dytiscidae	Lancetes lanceolatus	Diving Beetle	2
Halictidae	Lasioglossum (Chilalictus) castor		2
Halictidae	Lasioglossum (Chilalictus)		2
Halictidae	Lasioglossum (Parasphecodes) lichatum		2
Colletidae	Leioproctus (Exleycolletes) microdontus		2
Limnodynastidae	Limnodynastes dorsalis	Western Banjo Frog	2
Halictidae	Lipotriches (Austronomia)		2
Halictidae	Lipotriches		2

Acrididae	Macrotona		2
Maluridae	Malurus		2
Megachilidae	Megachile (Schizomegachile) monstrosa	Bee	2
Megachilidae	Megachile apicata	Bee	2
Megachilidae	Megachile clypeata	Bee	2
Megachilidae	Megachile fultoni		2
Megachilidae	Megachile latericauda		2
Megachilidae	Megachile preissi		2
Megachilidae	Megachile semiluctuosa	Bee	2
Ascalaphidae	Megacmonotus magnus	Owlfly	2
Mydidae	Miltinus cinctus		2
Myobatrachidae	Myobatrachus gouldii	Turtle Frog	2
Oecophoridae	Myrascia subductella		2
Formicidae	Myrmecia gratiosa		2
Limnodynastidae	Neobatrachus pelobatoides	Humming Frog	2
Lycaenidae	Neolucia agricola	Fringed Heath-blue	2
Carabidae	Notiobia (Anisotarsus) dampierii		2
Scarabaeidae	Onthophagus ferox	Western Dung Beetle	2
Oxyopidae	Oxyopes		2
Pentatomidae	PENTATOMIDAE		2
Pachycephalidae	Pachycephala (Pachycephala) pectoralis	Golden Whistler	2
Formicidae	Papyrius nitidus	Ant	2
Hirundinidae	Petrochelidon (Petrochelidon) ariel	Fairy Martin	2
Oecophoridae	Philobota		2
Threskiornithidae	Platalea (Platibis) flavipes	Yellow-billed Spoonbill	2
Dytiscidae	Platynectes (Platynectes) aenescens	Diving Beetle	2
Araneidae	Plebs cyphoxis	Orb-weaver Spider	2
Sarcophagidae	Protomiltogramma		2
Gasteruptiidae	Pseudofoenus		2
Myobatrachidae	Pseudophryne guentheri	Gunther's Toadlet	2
Crabronidae	Sericophorus relucens	Wasp	2
Miridae	Setocoris droserae		2
Buprestidae	Stigmodera gratiosa		2
Buprestidae	Stigmodera sanguinosa		2
Columbidae	Streptopelia		2
Phasianidae	Synoicus ypsilophora	Brown Quail	2
Crabronidae	Tachysphex		2
Lycosidae	Tasmanicosa	Australian Union-jack Wolf Spiders	2
Buprestidae	Temognatha chalcodera		2
Buprestidae	Temognatha reichei		2
Bombyliidae	Thraxan		2
Alcedinidae	Todiramphus (Todiramphus) sanctus	Sacred Kingfisher	2
Pentatomidae	Trachyops australis	Shield Bug	2
Psittacidae	Trichoglossus		2
Nymphalidae	Vanessa kershawi	Australian Painted Lady	2
Tiphiidae	Zaspilothynnus gilesi		2
Tiphiidae	Zaspilothynnus		2
	ANNELIDA	Segmented Worms	1
	ASILOIDEA	Bee Flies	1
	AUCHENORRHYNCHA		1
Armadillidae	Acanthodillo		1
Accipitridae	Accipiter (Leucospiza) fasciatus	Brown Goshawk	1
Scincidae	Acritoscincus trilineatus	Western Three-lined Skink	1
Scincidae	Acritoscincus		1
Tenebrionidae	Adelium		1
Culicidae	Aedes (Ochlerotatus) hesperonotius		1

Pentatomidae	Alcaeus hermannsburgi		1
Chydoridae	Alona rigidicaudis	Water Flea	1
Apidae	Amegilla (Zonamegilla)		1
Termitidae	Amitermes obeuntis		1
Termitidae	Amitermes procerus		1
Anamidae	Aname		1
Cerambycidae	Ancita		1
Elateridae	Anilicus		1
Apioceridae	Apiocera flabellata		1
Apioceridae	Apiocera pulchra		1
Pygopodidae	Aprasia repens	Sand-plain Worm-lizard	1
Araneidae	Araneus circulissparsus	Orb-weaver Spider	1
Erebidae	Ardices glatignyi		1
Cicadidae	Arenopsaltria fullo	Sandgrinder	1
Theridiidae	Argyrodes antipodianus	Dew Drop Spider	1
Pentatomidae	Arniscus humeralis		1
Diaspididae	Aspidiotus		1
Buprestidae	Astraeus (Depollus) aberrans		1
Araneidae	Austracantha minax	Jewel Spider	1
Tiphiidae	Austromyzinum nubilipennis		1
Synthemistidae	Austrosynthemis cyanitincta	Turquoise Tigertail	1
Blattidae	BLATTIDAE		1
Bombyliidae	BOMBYLIIDAE	Bee Flies	1
Araneidae	Backobourkia heroine		1
Desidae	Badumna insignis	Black House Spider	1
Cercopidae	Bathyllus albicinctus	Froghopper	1
Crabronidae	Bembicinae		1
Crabronidae	Bembix littoralis	Wasp	1
Crabronidae	Bembix		1
Hydrophilidae	Berosus (Enoplurus) australiae	Water Scavenger Beetle	1
Bolboceratidae	Blackbolbus frontalis		1
Asilidae	Blepharotes		1
Percichthyidae	Bostockia porosa	Nightfish	1
Elapidae	Brachyurophis fasciolatus fasciolatus		1
Armadillidae	Buddelundia		1
Chironomidae	CHIRONOMIDAE		1
Chrysididae	CHRYSIDIDAE		1
	CLEROIDEA		1
Coccidae	COCCIDAE		1
Crabronidae	CRABRONIDAE		1
Curculionidae	CURCULIONIDAE		1
Cacatuidae	Cacatua (Cacatua) galerita	Sulphur-crested Cockatoo	1
Cacatuidae	Cacatua (Licmetis) pastinator	Western Corella	1
Cacatuidae	Cacatua		1
Colletidae	Callohesma		1
Buprestidae	Calotemognatha yarelli elegans		1
Buprestidae	Calotemognatha yarelli yarelli		1
Buprestidae	Calotemognatha yarelli		1
Mantispidae	Campion australasiae		1
Formicidae	Camponotus nigriceps	Black-headed Sugar Ant	1
Formicidae	Camponotus terebrans	Brown Bearded Sugar Ant	1
Buprestidae	Castiarina amabilis		1
Buprestidae	Castiarina anchoralis		1
Buprestidae	Castiarina hostilis		1
Buprestidae	Castiarina parallela		1
Buprestidae	Castiarina subcincta		1

Buprestidae	Castiarina		1
Curculionidae	Catasarcus bilineatus		1
Curculionidae	Catasarcus nephelodes		1
Curculionidae	Catasarcus		1
Tachinidae	Chaetophthalmus		1
Cuculidae	Chalcites basalis	Horsfield's Bronze-cuckoo	1
Cuculidae	Chalcites lucidus plagosus	Australian Shining Bronze-cuckoo	1
Cuculidae	Chalcites lucidus	Shining Bronze-cuckoo	1
Nemopteridae	Chasmoptera huttii		1
Carabidae	Chlaenius (Pelasmomimus) greyanus		1
Chrysididae	Chrysis lincea		1
Chrysididae	Chrysis		1
Asilidae	Chrysopogon		1
Columbidae	Columba (Columba) livia	Rock Dove	1
Bombyliidae	Comptosia tendens		1
Desidae	Corasoides australis	Trampoline Spider	1
Scolopendridae	Cormocephalus turneri		1
Helicidae	Cornu apertus	Green Snail	1
Corvidae	Corvus coronoides perplexus	Western Australian Raven	1
Acrididae	Coryphistes ruricola	Bark-mimicking Grasshopper	1
Myobatrachidae	Crinia		1
Chrysomelidae	Cryptocephalini		1
Lepismatidae	Ctenolepisma		1
Agamidae	Ctenophorus adelaidensis	Western Heath Dragon	1
Culicidae	Culex (Culex) annulirostris	Common Banded Mosquito	1
Anatidae	Cygnus atratus	Black Swan	1
Diaspididae	DIASPIDIDAE	Diaspidids	1
	DIPLOPODA	Millipedes	1
Nymphalidae	Danaus petilia	Lesser Wanderer	1
Erebidae	Dasypodia selenophora	Granny Moth	1
Pieridae	Delias aganippe	Red-spotted Jezebel	1
Pygopodidae	Delma grayii	Side-barred Delma	1
Geometridae	Dichromodes denticulata		1
Pentatomidae	Dictyotus conspicuus	Shield Bug	1
Lycosidae	Dingosa serrata	Wolf Spider	1
Buprestidae	Diphucrania notulata		1
Buprestidae	Diphucrania viridiceps		1
Buprestidae	Diphucrania viridipurpurea		1
Bombyliidae	Dissodesma		1
Blattidae	Drymaplaneta semivitta	Gisborne Cockroach	1
Entocytheridae	ENTOCYTHERIDAE		1
Scincidae	Egernia napoleonis	South-western Crevice-skink	1
Cleridae	Eleale aulicodes		1
Cleridae	Eleale		1
Notommatidae	Eosphora najas		1
Geometridae	Epidesmiinae		1
Dytiscidae	Eretes australis	Diving Beetle	1
Buprestidae	Ethonion breve		1
Buprestidae	Ethonion roei		1
Vespidae	Eumeninae		1
Syrphidae	Eumerus obliquus		1
Gryllidae	Eurepa marginipennis		1
Mutillidae	Eurymutilla		1
Buprestidae	Euryspilus		1
Falconidae	Falco (Ieracidea) berigora	Brown Falcon	1
Rallidae	Fulica atra	Eurasian Coot	1

Gasteruptiidae	GASTERUPTIIDAE		1
Gelastocoridae	GELASTOCORIDAE		1
Gnaphosidae	GNAPHOSIDAE		1
Gasteruptiidae	Gasteruption breviscutum		1
Meliphagidae	Gliciphila melanops	Tawny-crowned Honeyeater	1
Erebidae	Grammodes ocellata	Owlet Moth	1
Amorphoscelidae	Gyromantis kraussi		1
Hirudinidae	Habeobdella		1
Accipitridae	Haliastur sphenurus	Whistling Kite	1
Pentatomidae	Halyini		1
Crambidae	Hednota odontoides		1
Crambidae	Hednota recurvellus		1
Tenebrionidae	Helea perforata		1
Limnodynastidae	Heleioporus inornatus	Plains Frog	1
Limnodynastidae	Heleioporus		1
Muscidae	Helina		1
Scincidae	Hemiergis quadrilineata	Two-toed Earless Skink	1
Rhinotermitidae	Heterotermes intermedius		1
Coccinellidae	Hippodamia variegata	Spotted Amber Ladybird	1
Lycosidae	Hoggicosa bicolor		1
Sparassidae	Holconia westralia		1
Hydrophilidae	Hydrophilus (Hydrophilus) albipes	Water Scavenger Beetle	1
Colletidae	Hylaeus (Euprosopoides) ruficeps kalamundae		1
	INSECTA	Insects	1
Geometridae	Idaea philocosma	Geometer Moth	1
Barychelidae	Idiommata		1
Idiopidae	Idiosoma jarrah		1
Formicidae	Iridomyrmex		1
Kalotermitidae	Kalotermes aemulus		1
Pentatomidae	Kapunda		1
Lycosidae	LYCOSIDAE	Wolf Spider	1
Lymnaeidae	LYMNAEIDAE		1
Campephagidae	Lalage		1
Lamponidae	Lampona		1
Asilidae	Laphriinae		1
Halictidae	Lasioglossum (Chilalictus) chapmani	Sweat Bee	1
Halictidae	Lasioglossum (Chilalictus) plebeium		1
Halictidae	Lasioglossum (Chilalictus) vitripenne	Sweat Bee	1
Colletidae	Leioproctus (Leioproctus)		1
Triopsidae	Lepidurus apus		1
Erebidae	Leptocneria reducta	Moth	1
Scincidae	Lerista lineopunctulata	Dotted-line Robust Slider	1
Noctuidae	Leucania diatrecta	Dark-barred Wainscot	1
Pelodryadidae	Litoria moorei	Western Green And Golden Bell Frog	1
Calliphoridae	Lucilia sericata	Green Blowfly	1
Lynceidae	Lynceus		1
Miridae	MIRIDAE		1
Macropodidae	Macropus fuliginosus melanops	[black-faced Kangaroo]	1
Maluridae	Malurus (Leggeornis) pulcherrimus	Blue-breasted Fairy-wren	1
Maluridae	Malurus (Malurus) splendens splendens	Western Splendid Fairy-wren	1
Mantidae	Mantis octospilota	Blackbarred Mantid	1
Salticidae	Maratus mungaich		1
Asilidae	Mauropteron pelago	Robber Fly	1
Megachilidae	Megachile (Hackeriapis) tosticauda	Bee	1
Dytiscidae	Megaporus howittii	Diving Beetle	1
Syrphidae	Melangyna		1

Petroicidae	Melanodryas (Melanodryas) cucullata	Hooded Robin	1
Buprestidae	Melobasis cuprifera		1
Buprestidae	Melobasis gloriosa		1
Buprestidae	Melobasis uniformis		1
Buprestidae	Melobasis vittata		1
Buprestidae	Melobasis		1
Formicidae	Melophorus		1
Scincidae	Menetia greyii	Grey's Menetia	1
Tortricidae	Merophyas divulsana		1
Rhiniidae	Metallea incisuralis	Blow Fly	1
Acrididae	Micreola		1
Phalacrocoracidae	Microcarbo melanoleucos	Little Pied Cormorant	1
Termitidae	Microcerotermes serratus		1
Petroicidae	Microeca (Microeca) fascinans	Jacky Winter	1
Coreidae	Mictis profana	Crusader Bug	1
Sarcophagidae	Miltogramma		1
Sarcophagidae	Miltogramminae		1
Brachodidae	Miscera		1
Miturgidae	Mituliodon tarantulinus	Long-legged Sac Spider	1
Morabidae	Morabinae	Matchstick Grasshoppers	1
Bombyliidae	Munjua paralutea		1
Muridae	Mus musculus	House Mouse	1
Monarchidae	Myiagra (Seisura) inquieta	Restless Flycatcher	1
Formicidae	Myrmecia clarki		1
Formicidae	Myrmecia swalei		1
Formicidae	Myrmecia		1
Lycaenidae	Nacaduba biocellata	Two-spotted Line-blue	1
Percichthyidae	Nannoperca vittata	Western Pygmy Perch	1
Dytiscidae	Necterosoma darwini	Diving Beetle	1
Limnodynastidae	Neobatrachus		1
Asilidae	Neoscleropogon		1
Ichneumonidae	Netelia		1
Strigidae	Ninox (Ninox) boobook boobook	South-eastern Boobook	1
Elapidae	Notechis scutatus	Tiger Snake	1
Triaenonychidae	Nunciella		1
Ardeidae	Nycticorax caledonicus	Nankeen Night-heron	1
Oecophoridae	OECOPHORIDAE		1
Termitidae	Occasitermes occasus		1
Stratiomyidae	Odontomyia		1
Lycaenidae	Ogyris amaryllis meridionalis	Satin Azure (inland Subspecies)	1
Julidae	Ommatoiulus moreleti	Portuguese Millipede	1
Elateridae	Oophorini		1
Salticidae	Opisthoncus		1
Mantidae	Orthodera ministralis	Green Mantid	1
Curculionidae	Orthorhinus		1
Leporidae	Oryctolagus cuniculus	Rabbit	1
Pipunculidae	PIPUNCULIDAE	Big-headed Flies	1
Tettigoniidae	Pachysaga australis		1
Vespidae	Paralastor		1
Limnadiidae	Paralimnadia		1
Acrididae	Peakesia brunnea		1
Anystidae	Pedidromus velox		1
Pelecanidae	Pelecanus conspicillatus	Australian Pelican	1
Phalacrocoracidae	Phalacrocorax (Phalacrocorax) carbo	Great Cormorant	1
Phalacrocoracidae	Phalacrocorax (Phalacrocorax) varius	Pied Cormorant	1
Phalacrocoracidae	Phalacrocorax		1

Tettigoniidae	Phasmodes ranatriformis		1
Formicidae	Pheidole variabilis	Ant	1
Philotarsidae	Philotarsopsis guttata		1
Cleridae	Phlogistus agraphus		1
Cerambycidae	Phoracantha acanthocera		1
Meliphagidae	Phylidonyris (Meliornis) niger gouldii	Western White-cheeked Honeyeater	1
Pygopodidae	Pletholax gracilis	Keeled Legless Lizard	1
Podargidae	Podargus strigoides	Tawny Frogmouth	1
Vespidae	Polistes (Polistella) humilis	Common Paper Wasp	1
Vespidae	Polistes		1
Curculionidae	Polyphrades		1
Lycidae	Porrostoma rhipidium	Long-nosed Lycid Beetle	1
Morabidae	Prorifera spanner		1
Anamidae	Proshermacha		1
Schizasteridae	Protenaster australis		1
Pentatomidae	Pseudapines geminata	Pittosporum Bug	1
Elapidae	Pseudechis australis	Mulga Snake	1
Elapidae	Pseudonaja mengdeni	Western Brown Snake	1
Pergidae	Pseudoperga		1
Psychopsidae	Psychopsis mimica		1
Procellariidae	Pterodroma (Pterodroma) macroptera	Great-winged Petrel	1
Pygopodidae	Pygopus lepidopodus	Common Scaly-foot	1
Scoliidae	Radumeris tasmaniensis	Parasitoid Wasp	1
Muridae	Rattus rattus	Black Rat	1
Tettigoniidae	Requena verticalis		1
Rhipiceridae	Rhipicera		1
Rhipiduridae	Rhipidura (Rhipidura) albiscapa preissi	South-western Grey Fantail	1
Formicidae	Rhytidoponera punctata		1
	SCARABAEOIDEA		1
Scincidae	SCINCIDAE		1
Scoliidae	SCOLIIDAE		1
Sepsidae	SEPSIDAE		1
Sparassidae	SPARASSIDAE	Huntsman Spiders	1
Scincidae	Saproscincus rosei	Rose's Shadeskink	1
Carabidae	Scaraphites silenus		1
Scoliidae	Scolia		1
Cleridae	Scrobiger splendidus		1
Crabronidae	Sericophorus viridis	Wasp	1
Acanthizidae	Sericornis (Sericornis) frontalis maculatus	South-western Spotted Scrubwren	1
Acanthizidae	Sericornis (Sericornis) frontalis	White-browed Scrubwren	1
Miridae	Setocoris		1
Elapidae	Simoselaps		1
Syrphidae	Simosyrphus grandicornis	Hoverfly	1
Curculionidae	Siraton roei		1
Sphecidae	Sphex caelebs		1
Sphecidae	Sphex fumipennis		1
Sphecidae	Sphex luctuosus	Wasp	1
Noctuidae	Spodoptera		1
Estrildidae	Stagonopleura (Zonaeginthus) oculata	Red-eared Firetail	1
Artamidae	Strepera (Neostrepera) versicolor	Grey Currawong	1
Morabidae	Swanea laticornis		1
Curculionidae	Syarbis posthumeralis		1
Tenebrionidae	TENEBRIONIDAE		1
	TEPHRITOIDEA		1
	TIPULOMORPHA		1
Typhlopidae	TYPHLOPIDAE	North-eastern Blind Snake	1

Podicipedidae	Tachybaptus novaehollandiae	Australasian Grebe	1
Tachyglossidae	Tachyglossus aculeatus acanthion		1
Buprestidae	Temognatha bruckii		1
Buprestidae	Temognatha flavocincta	Jewel Beetle	1
Buprestidae	Temognatha obscuripennis		1
Thripidae	Thrips imaginis	Plague Thrips	1
Scincidae	Tiliqua occipitalis	Western Blue-tongue	1
Tiphiidae	Tmesothynnus zelebori		1
Libellulidae	Tramea stenoloba	Narrow-lobed Glider	1
Trigonidiidae	Trigonidium		1
Pompilidae	Turneromyia senex	Spider Wasp	1
Pompilidae	Turneromyia		1
Varanidae	Varanus gouldii	Gould's Goanna	1
Varanidae	Varanus	Mangrove Monitor	1
Lycosidae	Venator immansueta	Wolf Spider	1
Vespertilionidae	Vespadelus regulus	Southern Forest Bat	1
Bombyliidae	Wurda norrisi	Bee Fly	1
Coenagrionidae	Xanthagrion erythroneurum	Red & Blue Damsel	1
Lycaenidae	Zizina otis labradus	Common Grass-blue	1

Lifeform - Arthropods

Number of Arthropods **422**

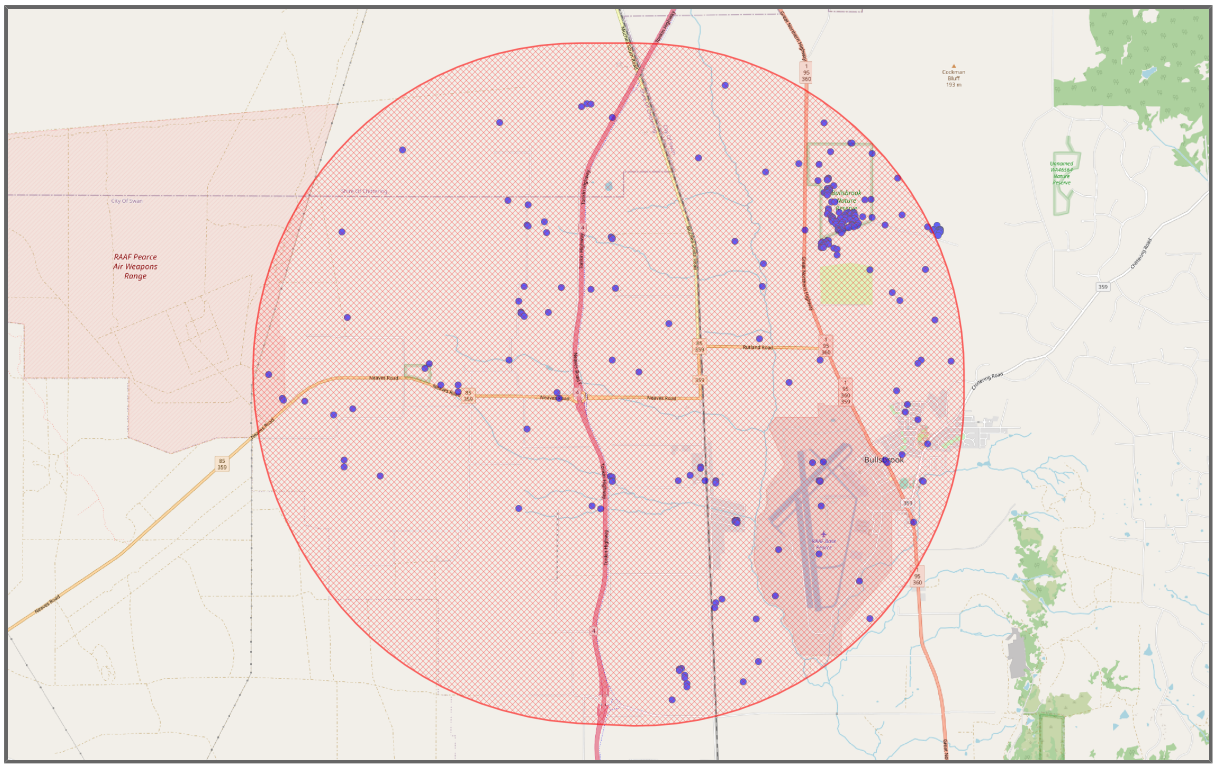


Figure 14 : Map of Lifeform - Arthropods

Table 14: Lifeform - Arthropods (Link to full list)

Family	*Scientific Name*	Common Name	No. Occurrences
Halictidae	Lipotriches (Austronomia) flavoviridis	Sweat Bee	78
Colletidae	Leioproctus		46
Halictidae	Lipotriches (Austronomia) australica	Sweat Bee	41
Halictidae	Lasioglossum (Chilalictus) hemichalceum	Sweat Bee	32
Megachilidae	Megachile (Eutricharaea) macularis	Bee	24
Halictidae	Lasioglossum (Parasphecodes) hiltacum	Sweat Bee	23
Megachilidae	Megachile (Eutricharaea) obtusa	Bee	22
Megachilidae	Megachile ignita	Bee	20
Megachilidae	Megachile (Eutricharaea) chrysopyga	Bee	18
Argiolestidae	Archiargiolestes pusillus	Little Flatwing	15
Libellulidae	Diplacodes bipunctata	Wandering Percher	13
Megachilidae	Megachile aurifrons	Bee	12
Cicadidae	CICADIDAE		11
Buprestidae	Diphucrania tyrrhena		11
Colletidae	Hylaeus (Euprosopis) violaceus	Species Of Yellowfaced Bee	10
Buprestidae	Neocuris discoflava		10
Petaluridae	Petalura hesperia	Western Petaltail	10
Apidae	Amegilla (Notomegilla) chlorocyanea	Blue Banded Bee	9
Buprestidae	Melobasis lathami		9
Urodacidae	Urodacus		9
Gomphidae	Austrogomphus		8
Buprestidae	Castiarina rufipennis		8
Colletidae	Dasyhesma robusta		8
Corduliidae	Hemicordulia tau	Tau Emerald	8
Halictidae	Lasioglossum		8

Megachilidae	Megachile (Eutricharaea) serricauda	Bee	8
Megachilidae	Megachile		8
Apidae	Amegilla		7
Apidae	Apis (Apis) mellifera	Honey Bee	7
Buprestidae	Castiarina flaviceps		7
Buprestidae	Castiarina simulata		7
Halictidae	Lasioglossum (Chilalictus) ebeneum		7
Salticidae	Maratus pavonis	Species Of Peacock Spider	7
Libellulidae	Orthetrum caledonicum	Blue Skimmer	7
Araneidae	Backobourkia		6
Buprestidae	Castiarina placida		6
Buprestidae	Ethonion		6
Halictidae	Lasioglossum (Homalictus)		6
Scarabaeidae	Liparetrus striatus		6
Megachilidae	Megachile speluncarum		6
Colletidae	Paracolletes (Paracolletes) crassipes	Plasterer Bee	6
Buprestidae	Temognatha rectipennis		6
Apidae	Thyreus waroonensis	Cuckoo Bee	6
Curculionidae	Tranes vigorsii		6
Acrididae	ACRIDIDAE		5
Libellulidae	Austrothemis nigrescens	Swamp Flat-tail	5
	COLEOPTERA	Beetles	5
Hydrophilidae	HYDROPHILIDAE		5
Halictidae	Lasioglossum (Chilalictus) lanarium	Sweat Bee	5
Halictidae	Lasioglossum (Chilalictus) mirandum		5
Mutillidae	MUTILLIDAE		5
Salticidae	Maratus griseus		5
Argiolestidae	Miniargiolestes minimus	Stream Flatwing	5
Actinopodidae	Missulena granulosa		5
Libellulidae	Nannophya dalei	Eastern Pygmyfly	5
Cyclopidae	Paracyclops intermedius		5
Buprestidae	Agrilus (Agrilus) hypoleucus		4
Dytiscidae	Antiporus femoralis	Diving Beetle	4
Synthemistidae	Archaeosynthemis occidentalis	Western Brown Tigertail	4
Buprestidae	BUPRESTIDAE		4
Buprestidae	Castiarina nonyma		4
Buprestidae	Castiarina pallidiventris		4
	DIPTERA	Flies	4
Buprestidae	Diphucrania roseocuprea		4
Colletidae	Hyleoides zonalis		4
Hydrophilidae	Limnoxenus zealandicus	Water Scavenger Beetle	4
Buthidae	Lychas		4
Buprestidae	Melobasis costipennis		4
Phytoseiidae	Neoseiulus		4
Sphecidae	Sphex modestus		4
Stenotritidae	Stenotritus greavesi		4
Castniidae	Synemon leucospila		4
	ARANEAE	Spiders	3
Araneidae	ARANEIDAE		3
Asilidae	ASILIDAE	Robber Flies	3
Synthemistidae	Archaeosynthemis leachii	Twinspot Tigertail	3
Aeshnidae	Austroaeschna anacantha	Western Darner	3
Buprestidae	Castiarina aureola		3
Buprestidae	Castiarina mimesis		3
Asilidae	Cerdistus hudsoni		3
Parastacidae	Cherax preissii		3

Zodariidae	Habronestes		3
Coenagrionidae	Ischnura aurora	Aurora Bluetail	3
Morabidae	MORABIDAE		3
Buprestidae	Melobasis rubromarginata		3
Hesperiidae	Mesodina cyanophracta	Blue Iris-skipper	3
Tettigoniidae	Metaballus frontalis		3
Vespidae	Metaparagia maculata		3
Brachodidae	Miscera mesochrysa	Day-flying Moth	3
Buprestidae	Neocuris thoracica		3
Phytoseiidae	Neoseiulus cucumeris		3
Araneidae	Nephila		3
Dytiscidae	Onychohydrus		3
Pompilidae	POMPILIDAE		3
Cicadidae	Physeema convergens		3
Dytiscidae	Rhantus suturalis	Diving Beetle	3
Formicidae	Rhytidoponera		3
Scarabaeidae	SCARABAEIDAE		3
Lycosidae	Tasmanicosa leuckartii	Leuckart’s Wolf Spider, Hay Spider	3
Buprestidae	Temognatha		3
Colletidae	Trichocolletes		3
Acaridae	Tyrophagus		3
Bombyliidae	Villa		3
Aeshnidae	Adversaeschna brevistyla	Blue-spotted Hawker	2
Bombyliidae	Aleucosia maculosa	Bee Fly	2
Colletidae	Anthoglossa nigrocinctus		2
Mantidae	Archimantis		2
Coenagrionidae	Austroagrion cyane	South-western Billabongfly	2
Lestidae	Austrolestes annulosus	Blue Ringtail	2
Asilidae	Bathypogon		2
Bombyliidae	Bombyliini		2
	CHILOPODA	Centipedes	2
Cixiidae	CIXIIDAE	Cixiid Planthoppers	2
Clastopteridae	CLASTOPTERIDAE		2
Buprestidae	Calotemognatha varicollis		2
Formicidae	Camponotus chalceus		2
Buprestidae	Castiarina aeraticollis		2
Buprestidae	Castiarina aquila		2
Buprestidae	Castiarina crocicolor		2
Buprestidae	Castiarina filiformis		2
Acrididae	Cedarinia		2
Parastacidae	Cherax quinquecarinatus	Djilgi	2
Bombyliidae	Choristus		2
Asilidae	Chrysopogon albopunctatus		2
Crabronidae	Clitemnestra guttatula		2
Scolopendridae	Cormocephalus		2
Formicidae	Crematogaster		2
Dytiscidae	DYTISCIDAE		2
Nymphalidae	Danaus plexippus	Wanderer	2
Colletidae	Dasyhesma scholtziae		2
Vespidae	Delta bicinctum	Wasp	2
Pentatomidae	Dictyotus caenosus	Brown Shield Bug	2
Scarabaeidae	Diphucephala		2
Buprestidae	Diphucrania stigmata		2
Bombyliidae	Dissodesma primogenitus		2
Araneidae	Gasteracantha		2
Acrididae	Goniaea vocans	Slender Gumleaf Grasshopper	2

	HYMENOPTERA	Wasps	2
Acrididae	Heteropternis obscurella		2
Histeridae	Hololepta (Hololepta) australica		2
Araneidae	Hortophora		2
Colletidae	Hylaeus (Euprosopoides) musgravei		2
Colletidae	Hylaeus (Macrohylaeus) alcyoneus	Species Of Yellowfaced Bee	2
Colletidae	Hylaeus (Planihylaeus) quadriceps	Plasterer Bee	2
Colletidae	Hylaeus (Prosopisteron) quadratus	Plasterer Bee	2
Barychelidae	Idiommata blackwallii		2
	LEPIDOPTERA	Butterflies	2
Libellulidae	LIBELLULIDAE	Skimmers	2
Dytiscidae	Lancetes lanceolatus	Diving Beetle	2
Halictidae	Lasioglossum (Chilalictus) castor		2
Halictidae	Lasioglossum (Chilalictus)		2
Halictidae	Lasioglossum (Parasphecodes) lichatum		2
Colletidae	Leioproctus (Exleycolletes) microdontus		2
Halictidae	Lipotriches (Austronomia)		2
Halictidae	Lipotriches		2
Acrididae	Macrotona		2
Megachilidae	Megachile (Schizomegachile) monstrosa	Bee	2
Megachilidae	Megachile apicata	Bee	2
Megachilidae	Megachile clypeata	Bee	2
Megachilidae	Megachile fultoni		2
Megachilidae	Megachile latericauda		2
Megachilidae	Megachile preissi		2
Megachilidae	Megachile semiluctuosa	Bee	2
Ascalaphidae	Megacmonotus magnus	Owlfly	2
Mydidae	Miltinus cinctus		2
Oecophoridae	Myrascia subductella		2
Formicidae	Myrmecia gratiosa		2
Lycaenidae	Neolucia agricola	Fringed Heath-blue	2
Carabidae	Notiobia (Anisotarsus) dampierii		2
Scarabaeidae	Onthophagus ferox	Western Dung Beetle	2
Oxyopidae	Oxyopes		2
Pentatomidae	PENTATOMIDAE		2
Formicidae	Papyrius nitidus	Ant	2
Oecophoridae	Philobota		2
Dytiscidae	Platynectes (Platynectes) aenescens	Diving Beetle	2
Araneidae	Plebs cyphoxis	Orb-weaver Spider	2
Sarcophagidae	Protomiltogramma		2
Gasteruptiidae	Pseudofoenus		2
Crabronidae	Sericophorus relucens	Wasp	2
Miridae	Setocoris droserae		2
Buprestidae	Stigmodera gratiosa		2
Buprestidae	Stigmodera sanguinosa		2
Crabronidae	Tachysphex		2
Lycosidae	Tasmanicosa	Australian Union-jack Wolf Spiders	2
Buprestidae	Temognatha chalcodera		2
Buprestidae	Temognatha reichei		2
Bombyliidae	Thraxan		2
Pentatomidae	Trachyops australis	Shield Bug	2
Nymphalidae	Vanessa kershawi	Australian Painted Lady	2
Tiphiidae	Zaspilothynnus gilesi		2
Tiphiidae	Zaspilothynnus		2
	ASILOIDEA	Bee Flies	1
	AUCHENORRHYNCHA		1

Armadillidae	Acanthodillo		1
Tenebrionidae	Adelium		1
Culicidae	Aedes (Ochlerotatus) hesperonotius		1
Pentatomidae	Alcaeus hermannsburgi		1
Chydoridae	Alona rigidicaudis	Water Flea	1
Apidae	Amegilla (Zonamegilla)		1
Termitidae	Amitermes obeuntis		1
Termitidae	Amitermes procerus		1
Anamidae	Aname		1
Cerambycidae	Ancita		1
Elateridae	Anilicus		1
Apioceridae	Apiocera flabellata		1
Apioceridae	Apiocera pulchra		1
Araneidae	Araneus circulissparsus	Orb-weaver Spider	1
Erebidae	Ardices glatignyi		1
Cicadidae	Arenopsaltria fullo	Sandgrinder	1
Theridiidae	Argyrodes antipodianus	Dew Drop Spider	1
Pentatomidae	Arniscus humeralis		1
Diaspididae	Aspidiotus		1
Buprestidae	Astraeus (Depollus) aberrans		1
Araneidae	Austracantha minax	Jewel Spider	1
Tiphiidae	Austromyzinum nubilipennis		1
Synthemistidae	Austrosynthemis cyanitincta	Turquoise Tigertail	1
Blattidae	BLATTIDAE		1
Bombyliidae	BOMBYLIIDAE	Bee Flies	1
Araneidae	Backobourkia heroine		1
Desidae	Badumna insignis	Black House Spider	1
Cercopidae	Bathyllus albicinctus	Froghopper	1
Crabronidae	Bembicinae		1
Crabronidae	Bembix littoralis	Wasp	1
Crabronidae	Bembix		1
Hydrophilidae	Berosus (Enoplurus) australiae	Water Scavenger Beetle	1
Bolboceratidae	Blackbolbus frontalis		1
Asilidae	Blepharotes		1
Armadillidae	Buddelundia		1
Chironomidae	CHIRONOMIDAE		1
Chrysididae	CHRYSIDIDAE		1
	CLEROIDEA		1
Coccidae	COCCIDAE		1
Crabronidae	CRABRONIDAE		1
Curculionidae	CURCULIONIDAE		1
Colletidae	Callohesma		1
Buprestidae	Calotemognatha yarelli elegans		1
Buprestidae	Calotemognatha yarelli yarelli		1
Buprestidae	Calotemognatha yarelli		1
Mantispidae	Campion australasiae		1
Formicidae	Camponotus nigriceps	Black-headed Sugar Ant	1
Formicidae	Camponotus terebrans	Brown Bearded Sugar Ant	1
Buprestidae	Castiarina amabilis		1
Buprestidae	Castiarina anchoralis		1
Buprestidae	Castiarina hostilis		1
Buprestidae	Castiarina parallela		1
Buprestidae	Castiarina subcincta		1
Buprestidae	Castiarina		1
Curculionidae	Catasarcus bilineatus		1
Curculionidae	Catasarcus nephelodes		1

Curculionidae	Catasarcus		1
Tachinidae	Chaetophthalmus		1
Nemopteridae	Chasmoptera huttii		1
Carabidae	Chlaenius (Pelasmomimus) greyanus		1
Chrysididae	Chrysis lincea		1
Chrysididae	Chrysis		1
Asilidae	Chrysopogon		1
Bombyliidae	Comptosia tendens		1
Desidae	Corasoides australis	Trampoline Spider	1
Scolopendridae	Cormocephalus turneri		1
Acrididae	Coryphistes ruricola	Bark-mimicking Grasshopper	1
Chrysomelidae	Cryptocephalini		1
Lepismatidae	Ctenolepisma		1
Culicidae	Culex (Culex) annulirostris	Common Banded Mosquito	1
Diaspididae	DIASPIDIDAE	Diaspidids	1
	DIPLOPODA	Millipedes	1
Nymphalidae	Danaus petilia	Lesser Wanderer	1
Erebidae	Dasypodia selenophora	Granny Moth	1
Pieridae	Delias aganippe	Red-spotted Jezebel	1
Geometridae	Dichromodes denticulata		1
Pentatomidae	Dictyotus conspicuus	Shield Bug	1
Lycosidae	Dingosa serrata	Wolf Spider	1
Buprestidae	Diphucrania notulata		1
Buprestidae	Diphucrania viridiceps		1
Buprestidae	Diphucrania viridipurpurea		1
Bombyliidae	Dissodesma		1
Blattidae	Drymaplaneta semivitta	Gisborne Cockroach	1
Entocytheridae	ENTOCYTHERIDAE		1
Cleridae	Eleale aulicodes		1
Cleridae	Eleale		1
Geometridae	Epidesmiinae		1
Dytiscidae	Eretes australis	Diving Beetle	1
Buprestidae	Ethonion breve		1
Buprestidae	Ethonion roei		1
Vespidae	Eumeninae		1
Syrphidae	Eumerus obliquus		1
Gryllidae	Eurepa marginipennis		1
Mutillidae	Eurymutilla		1
Buprestidae	Euryspilus		1
Gasteruptiidae	GASTERUPTIIDAE		1
Gelastocoridae	GELASTOCORIDAE		1
Gnaphosidae	GNAPHOSIDAE		1
Gasteruptiidae	Gasteruption breviscutum		1
Erebidae	Grammodes ocellata	Owlet Moth	1
Amorphoscelidae	Gyromantis kraussi		1
Pentatomidae	Halyini		1
Crambidae	Hednota odontoides		1
Crambidae	Hednota recurvellus		1
Tenebrionidae	Helea perforata		1
Muscidae	Helina		1
Rhinotermitidae	Heterotermes intermedius		1
Coccinellidae	Hippodamia variegata	Spotted Amber Ladybird	1
Lycosidae	Hoggicosa bicolor		1
Sparassidae	Holconia westralia		1
Hydrophilidae	Hydrophilus (Hydrophilus) albipes	Water Scavenger Beetle	1
Colletidae	Hylaeus (Euprosopoides) ruficeps kalamundae		1

	INSECTA	Insects	1
Geometridae	Idaea philocosma	Geometer Moth	1
Barychelidae	Idiommata		1
Idiopidae	Idiosoma jarrah		1
Formicidae	Iridomyrmex		1
Kalotermitidae	Kalotermes aemulus		1
Pentatomidae	Kapunda		1
Lycosidae	LYCOSIDAE	Wolf Spider	1
Lamponidae	Lampona		1
Asilidae	Laphriinae		1
Halictidae	Lasioglossum (Chilalictus) chapmani	Sweat Bee	1
Halictidae	Lasioglossum (Chilalictus) plebeium		1
Halictidae	Lasioglossum (Chilalictus) vitripenne	Sweat Bee	1
Colletidae	Leioproctus (Leioproctus)		1
Triopsidae	Lepidurus apus		1
Erebidae	Leptocneria reducta	Moth	1
Noctuidae	Leucania diatrecta	Dark-barred Wainscot	1
Calliphoridae	Lucilia sericata	Green Blowfly	1
Lynceidae	Lynceus		1
Miridae	MIRIDAE		1
Mantidae	Mantis octospilota	Blackbarred Mantid	1
Salticidae	Maratus mungaich		1
Asilidae	Mauropteron pelago	Robber Fly	1
Megachilidae	Megachile (Hackeriapis) tosticauda	Bee	1
Dytiscidae	Megaporus howittii	Diving Beetle	1
Syrphidae	Melangyna		1
Buprestidae	Melobasis cuprifera		1
Buprestidae	Melobasis gloriosa		1
Buprestidae	Melobasis uniformis		1
Buprestidae	Melobasis vittata		1
Buprestidae	Melobasis		1
Formicidae	Melophorus		1
Tortricidae	Merophyas divulsana		1
Rhiniidae	Metallea incisuralis	Blow Fly	1
Acrididae	Micreola		1
Termitidae	Microcerotermes serratus		1
Coreidae	Mictis profana	Crusader Bug	1
Sarcophagidae	Miltogramma		1
Sarcophagidae	Miltogramminae		1
Brachodidae	Miscera		1
Miturgidae	Mituliodon tarantulinus	Long-legged Sac Spider	1
Morabidae	Morabinae	Matchstick Grasshoppers	1
Bombyliidae	Munjua paralutea		1
Formicidae	Myrmecia clarki		1
Formicidae	Myrmecia swalei		1
Formicidae	Myrmecia		1
Lycaenidae	Nacaduba biocellata	Two-spotted Line-blue	1
Dytiscidae	Necterosoma darwini	Diving Beetle	1
Asilidae	Neoscleropogon		1
Ichneumonidae	Netelia		1
Triaenonychidae	Nunciella		1
Oecophoridae	OECOPHORIDAE		1
Termitidae	Occasitermes occasus		1
Stratiomyidae	Odontomyia		1
Lycaenidae	Ogyris amaryllis meridionalis	Satin Azure (inland Subspecies)	1
Julidae	Ommatoiulus moreleti	Portuguese Millipede	1

Elateridae	Oophorini		1
Salticidae	Opisthoncus		1
Mantidae	Orthodera ministralis	Green Mantid	1
Curculionidae	Orthorhinus		1
Pipunculidae	PIPUNCULIDAE	Big-headed Flies	1
Tettigoniidae	Pachysaga australis		1
Vespidae	Paralastor		1
Limnadiidae	Paralimnadia		1
Acrididae	Peakesia brunnea		1
Anystidae	Pedidromus velox		1
Tettigoniidae	Phasmodes ranatriformis		1
Formicidae	Pheidole variabilis	Ant	1
Philotarsidae	Philotarsopsis guttata		1
Cleridae	Phlogistus agraphus		1
Cerambycidae	Phoracantha acanthocera		1
Vespidae	Polistes (Polistella) humilis	Common Paper Wasp	1
Vespidae	Polistes		1
Curculionidae	Polyphrades		1
Lycidae	Porrostoma rhipidium	Long-nosed Lycid Beetle	1
Morabidae	Prorifera spanner		1
Anamidae	Proshermacha		1
Pentatomidae	Pseudapines geminata	Pittosporum Bug	1
Pergidae	Pseudoperga		1
Psychopsidae	Psychopsis mimica		1
Scoliidae	Radumeris tasmaniensis	Parasitoid Wasp	1
Tettigoniidae	Requena verticalis		1
Rhipiceridae	Rhipicera		1
Formicidae	Rhytidoponera punctata		1
	SCARABAEOIDEA		1
Scoliidae	SCOLIIDAE		1
Sepsidae	SEPSIDAE		1
Sparassidae	SPARASSIDAE	Huntsman Spiders	1
Carabidae	Scaraphites silenus		1
Scoliidae	Scolia		1
Cleridae	Scrobiger splendidus		1
Crabronidae	Sericophorus viridis	Wasp	1
Miridae	Setocoris		1
Syrphidae	Simosyrphus grandicornis	Hoverfly	1
Curculionidae	Siraton roei		1
Sphecidae	Sphex caelebs		1
Sphecidae	Sphex fumipennis		1
Sphecidae	Sphex luctuosus	Wasp	1
Noctuidae	Spodoptera		1
Morabidae	Swanea laticornis		1
Curculionidae	Syarbis posthumeralis		1
Tenebrionidae	TENEBRIONIDAE		1
	TEPHRITOIDEA		1
	TIPULOMORPHA		1
Buprestidae	Temognatha bruckii		1
Buprestidae	Temognatha flavocincta	Jewel Beetle	1
Buprestidae	Temognatha obscuripennis		1
Thripidae	Thrips imaginis	Plague Thrips	1
Tiphiidae	Tmesothynnus zelebori		1
Libellulidae	Tramea stenoloba	Narrow-lobed Glider	1
Trigonidiidae	Trigonidium		1
Pompilidae	Turneromyia senex	Spider Wasp	1

Pompilidae	Turneromyia		1
Lycosidae	Venator immansueta	Wolf Spider	1
Bombyliidae	Wurda norrisi	Bee Fly	1
Coenagrionidae	Xanthagrion erythroneurum	Red & Blue Damsel	1
Lycaenidae	Zizina otis labradus	Common Grass-blue	1

Lifeform - Bacteria

Number of Bacteria **2**

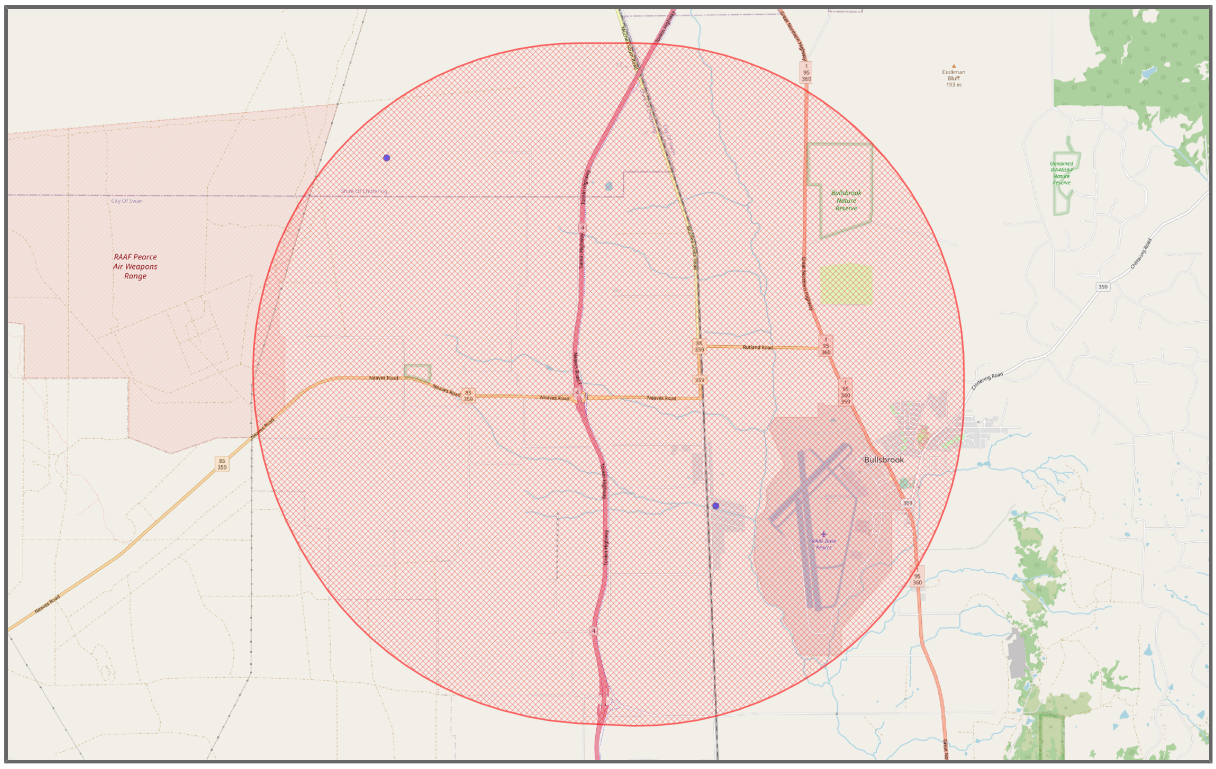


Figure 15 : Map of Lifeform - Bacteria

Table 15: Lifeform - Bacteria (Link to full list)

Family	*Scientific Name*	Common Name	No. Occurrences
Oscillatoriaceae	Oscillatoria		1
Pseudomonadaceae	Pseudomonas 1894		1

Lifeform - Birds

Number of Birds **113**

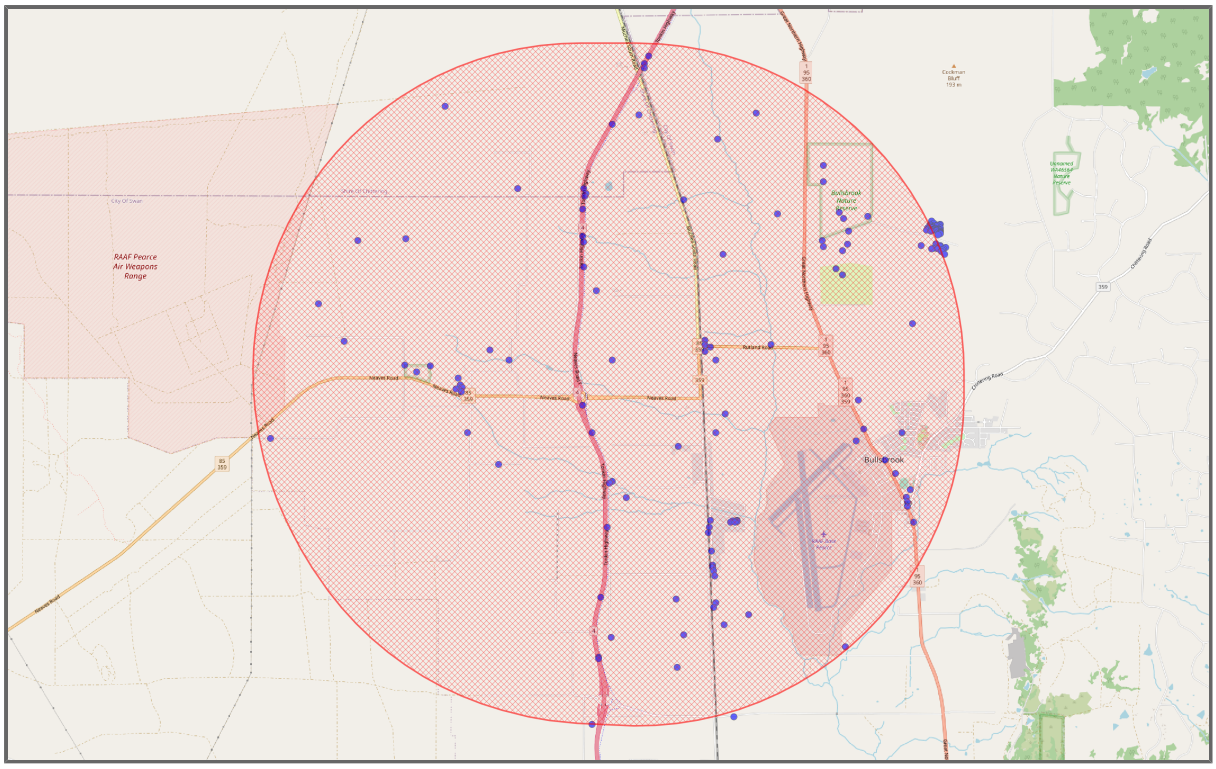


Figure 16 : Map of Lifeform - Birds

Table 16: Lifeform - Birds (Link to full list)

Family	*Scientific Name*	Common Name	No. Occurrences
Psittacidae	Barnardius zonarius	Australian Ringneck	51
Corvidae	Corvus coronoides	Australian Raven	41
Artamidae	Gymnorhina tibicen	Australian Magpie	37
Maluridae	Malurus (Malurus) splendens	Splendid Fairy-wren	32
Meliphagidae	Lichmera (Lichmera) indistincta	Brown Honeyeater	27
Rhipiduridae	Rhipidura (Sauloprocta) leucophrys	Willie Wagtail	27
Cacatuidae	Eolophus roseicapilla	Galah	25
Pachycephalidae	Pachycephala (Alisterornis) rufiventris	Rufous Whistler	23
Rhipiduridae	Rhipidura (Rhipidura) albiscapa	Grey Fantail	23
Meliphagidae	Anthochaera (Anthochaera) carunculata	Red Wattlebird	21
Acanthizidae	Gerygone fusca	Western Gerygone	21
Threskiornithidae	Threskiornis spinicollis	Straw-necked Ibis	21
Monarchidae	Grallina cyanoleuca	Magpie-lark	18
Zosteropidae	Zosterops lateralis	Silvereye	18
Casuariidae	Dromaius novaehollandiae	Emu	17
Acanthizidae	Acanthiza (Geobasileus) chrysorrhoa	Yellow-rumped Thornbill	16
Falconidae	Falco (Tinnunculus) cenchroides	Nankeen Kestrel	16
Meliphagidae	Gavicalis virescens	Singing Honeyeater	16
Meliphagidae	Phylidonyris (Meliornis) novaehollandiae	New Holland Honeyeater	16
Hirundinidae	Petrochelidon (Hylochelidon) nigricans	Tree Martin	15
Campephagidae	Coracina (Coracina) novaehollandiae	Black-faced Cuckoo-shrike	14
Hirundinidae	Hirundo (Hirundo) neoxena	Welcome Swallow	14
Columbidae	Ocyphaps lophotes	Crested Pigeon	14
Petroicidae	Petroica (Petroica) boodang	Scarlet Robin	14
Meliphagidae	Phylidonyris (Meliornis) niger	White-cheeked Honeyeater	14

Pardalotidae	Pardalotus (Pardalotinus) striatus	Striated Pardalote	13
Columbidae	Phaps (Phaps) chalcoptera	Common Bronzewing	13
Psittacidae	Purpureicephalus spurius	Red-capped Parrot	12
Meliphagidae	Acanthorhynchus superciliosus	Western Spinebill	11
Meliphagidae	Anthochaera (Anellobia) lunulata	Western Wattlebird	10
Cacatuidae	Cacatua (Licmetis) sanguinea	Little Corella	10
Anatidae	Chenonetta jubata	Australian Wood Duck	10
Acanthizidae	Smicrornis brevirostris	Weebill	10
Anatidae	Tadorna (Casarca) tadornoides	Australian Shelduck	10
Motacillidae	Anthus (Anthus) novaeseelandiae novaeseelandiae		9
Alcedinidae	Dacelo (Dacelo) novaeguineae	Laughing Kookaburra	9
Ardeidae	Egretta novaehollandiae	White-faced Heron	9
Artamidae	Artamus (Angroyan) cyanopterus	Dusky Woodswallow	8
Acanthizidae	Acanthiza (Geobasileus) inornata	Western Thornbill	7
Anatidae	Anas (Anas) superciliosa	Pacific Black Duck	7
Maluridae	Malurus (Leggeornis) assimilis	Purple-backed Fairy-wren	7
Meropidae	Merops (Merops) ornatus	Rainbow Bee-eater	7
Threskiornithidae	Threskiornis moluccus	Australian White Ibis	7
Artamidae	Artamus (Angroyan) cinereus	Black-faced Woodswallow	6
Locustellidae	Cincloramphus (Cincloramphus) cruralis	Brown Songlark	6
Accipitridae	Elanus axillaris	Black-shouldered Kite	6
Cuculidae	Heteroscenes pallidus	Pallid Cuckoo	6
Acanthizidae	Acanthiza (Acanthiza) apicalis	Red-rumped Tit	5
Pachycephalidae	Colluricincla (Colluricincla) harmonica	Grey Shrike-thrush	5
Artamidae	Cracticus torquatus	Grey Butcherbird	5
Petroicidae	Petroica (Petroica) goodenovii	Red-capped Robin	5
Charadriidae	Vanellus (Lobivanellus) tricolor	Banded Lapwing	5
Cacatuidae	Calyptorhynchus (Calyptorhynchus) banksii	Red-tailed Black Cockatoo	4
Campephagidae	Lalage (Lalage) tricolor	White-winged Triller	4
Accipitridae	Aquila (Uroaetus) audax	Wedge-tailed Eagle	3
Ardeidae	Ardea pacifica	White-necked Heron	3
Cuculidae	Cacomantis (Vidgenia) flabelliformis	Fan-tailed Cuckoo	3
Neosittidae	Daphoenositta (Neositta) chrysoptera	Varied Sittella	3
Dicaeidae	Dicaeum (Dicaeum) hirundinaceum	Mistletoebird	3
Pachycephalidae	Pachycephala (Pachycephala) pectoralis fuliginosa	South Australian Golden Whistler	3
Columbidae	Spilopelia senegalensis	Laughing Turtle-dove	3
Meliphagidae	Acanthagenys rufogularis	Spiny-cheeked Honeyeater	2
Anatidae	Anas gracilis	Grey Teal	2
Cacatuidae	Cacatua (Licmetis) tenuirostris	Long-billed Corella	2
Cuculidae	Chalcites		2
Locustellidae	Cincloramphus (Maclennania) mathewsi	Rufous Songlark	2
Phasianidae	Coturnix (Coturnix) pectoralis	Stubble Quail	2
Meliphagidae	Epthianura (Epthianura) albifrons	White-fronted Chat	2
Falconidae	Falco (Falco) longipennis	Australian Hobby	2
Maluridae	Malurus		2
Pachycephalidae	Pachycephala (Pachycephala) pectoralis	Golden Whistler	2
Hirundinidae	Petrochelidon (Petrochelidon) ariel	Fairy Martin	2
Threskiornithidae	Platalea (Platibis) flavipes	Yellow-billed Spoonbill	2
Columbidae	Streptopelia		2
Phasianidae	Synoicus ypsilophora	Brown Quail	2
Alcedinidae	Todiramphus (Todiramphus) sanctus	Sacred Kingfisher	2
Psittacidae	Trichoglossus		2
Accipitridae	Accipiter (Leucospiza) fasciatus	Brown Goshawk	1
Cacatuidae	Cacatua (Cacatua) galerita	Sulphur-crested Cockatoo	1
Cacatuidae	Cacatua (Licmetis) pastinator	Western Corella	1
Cacatuidae	Cacatua		1

Cuculidae	Chalcites basalis	Horsfield's Bronze-cuckoo	1
Cuculidae	Chalcites lucidus plagosus	Australian Shining Bronze-cuckoo	1
Cuculidae	Chalcites lucidus	Shining Bronze-cuckoo	1
Columbidae	Columba (Columba) livia	Rock Dove	1
Corvidae	Corvus coronoides perplexus	Western Australian Raven	1
Anatidae	Cygnus atratus	Black Swan	1
Falconidae	Falco (Ieracidea) berigora	Brown Falcon	1
Rallidae	Fulica atra	Eurasian Coot	1
Meliphagidae	Gliciphila melanops	Tawny-crowned Honeyeater	1
Accipitridae	Haliastur sphenurus	Whistling Kite	1
Campephagidae	Lalage		1
Maluridae	Malurus (Leggeornis) pulcherrimus	Blue-breasted Fairy-wren	1
Maluridae	Malurus (Malurus) splendens splendens	Western Splendid Fairy-wren	1
Petroicidae	Melanodryas (Melanodryas) cucullata	Hooded Robin	1
Phalacrocoracidae	Microcarbo melanoleucos	Little Pied Cormorant	1
Petroicidae	Microeca (Microeca) fascinans	Jacky Winter	1
Monarchidae	Myiagra (Seisura) inquieta	Restless Flycatcher	1
Strigidae	Ninox (Ninox) boobook boobook	South-eastern Boobook	1
Ardeidae	Nycticorax caledonicus	Nankeen Night-heron	1
Pelecanidae	Pelecanus conspicillatus	Australian Pelican	1
Phalacrocoracidae	Phalacrocorax (Phalacrocorax) carbo	Great Cormorant	1
Phalacrocoracidae	Phalacrocorax (Phalacrocorax) varius	Pied Cormorant	1
Phalacrocoracidae	Phalacrocorax		1
Meliphagidae	Phylidonyris (Meliornis) niger gouldii	Western White-cheeked Honeyeater	1
Podargidae	Podargus strigoides	Tawny Frogmouth	1
Procellariidae	Pterodroma (Pterodroma) macroptera	Great-winged Petrel	1
Rhipiduridae	Rhipidura (Rhipidura) albiscapa preissi	South-western Grey Fantail	1
Acanthizidae	Sericornis (Sericornis) frontalis maculatus	South-western Spotted Scrubwren	1
Acanthizidae	Sericornis (Sericornis) frontalis	White-browed Scrubwren	1
Estrildidae	Stagonopleura (Zonaeginthus) oculata	Red-eared Firetail	1
Artamidae	Strepera (Neostrepera) versicolor	Grey Currawong	1
Podicipedidae	Tachybaptus novaehollandiae	Australasian Grebe	1

Lifeform - Bryophytes

Number of Bryophytes **4**

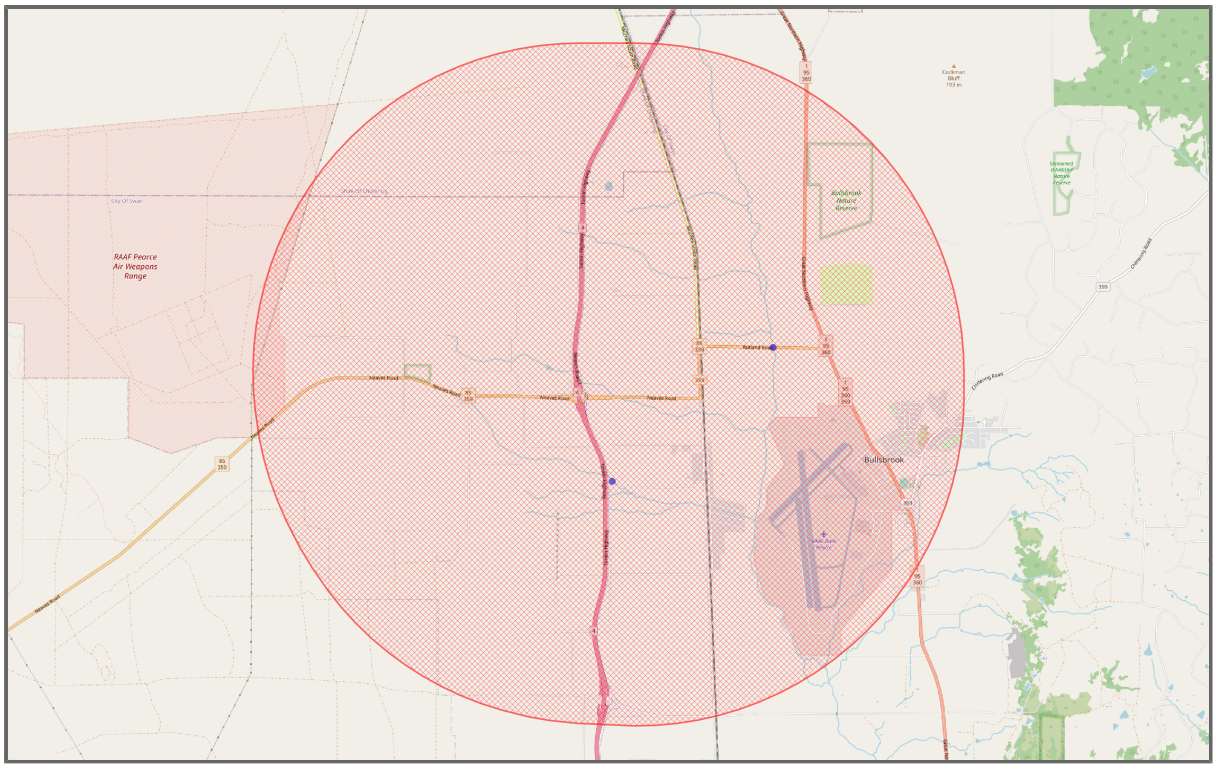


Figure 17 : Map of Lifeform - Bryophytes

Table 17: Lifeform - Bryophytes (Link to full list)

Family	*Scientific Name*	Common Name	No. Occurrences
Pottiaceae	Barbula calycina	Common Beard-moss	1
Leucobryaceae	Campylopus introflexus	Swan-neck Moss	1
Acrobolbaceae	Goebelobryum unguiculatum	Mister Whiskers	1
Acrobolbaceae	Lethocolea pansa	Common Pouchwort	1

Lifeform - Chromista

Number of Chromista **3**

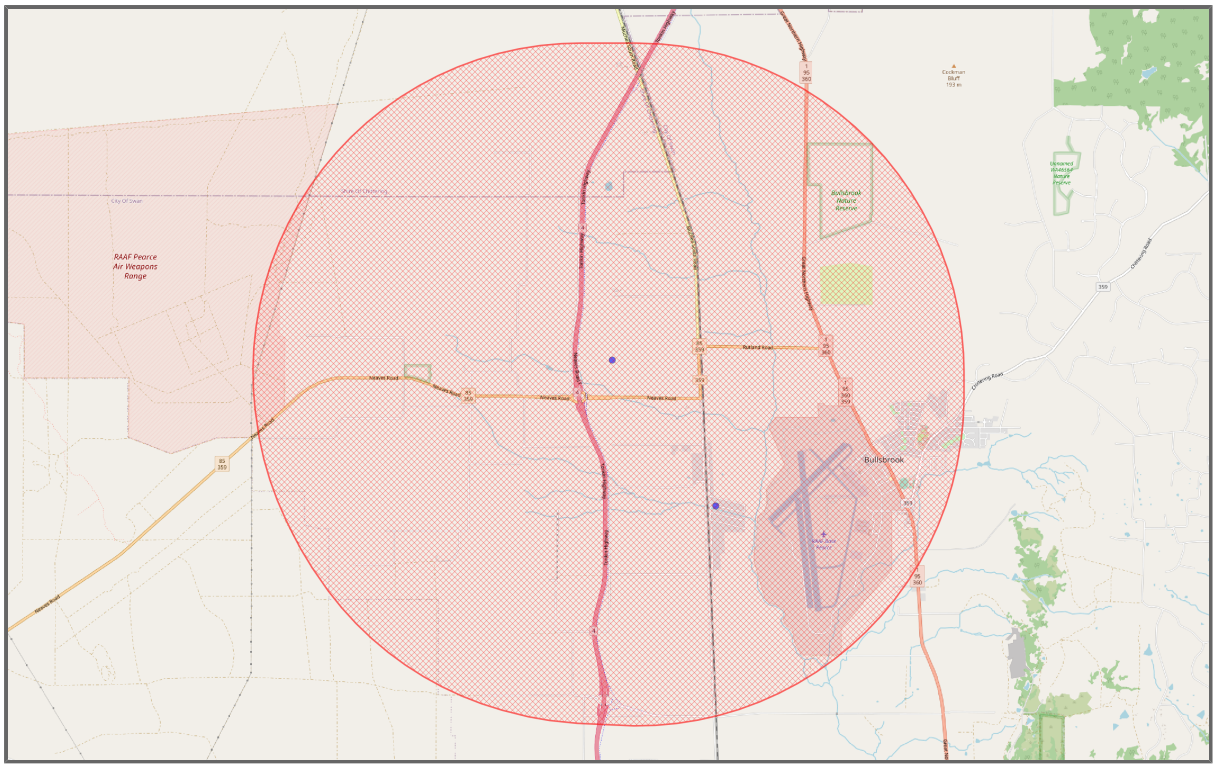


Figure 18 : Map of Lifeform - Chromista

Table 18: Lifeform - Chromista (Link to full list)

Family	*Scientific Name*	Common Name	No. Occurrences
Albuginaceae	Albugo candida		1
Albuginaceae	Albugo		1
Peronosporaceae	Phytophthora		1

Lifeform - Crustaceans

Number of Crustaceans **10**

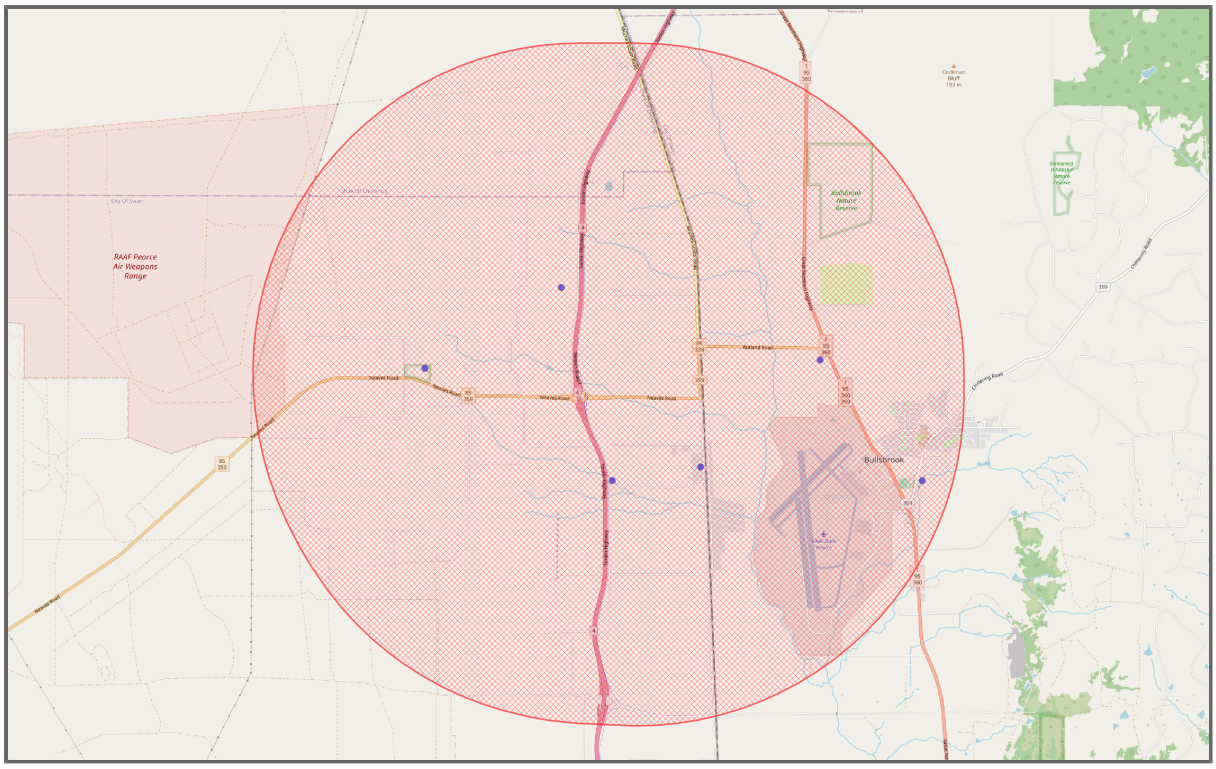


Figure 19 : Map of Lifeform - Crustaceans

Table 19: Lifeform - Crustaceans (Link to full list)

Family	*Scientific Name*	Common Name	No. Occurrences
Cyclopidae	Paracyclops intermedius		5
Parastacidae	Cherax preissii		3
Parastacidae	Cherax quinquecarinatus	Djilgi	2
Armadillidae	Acanthodillo		1
Chydoridae	Alona rigidicaudis	Water Flea	1
Armadillidae	Buddelundia		1
Entocytheridae	ENTOCYTHERIDAE		1
Triopsidae	Lepidurus apus		1
Lynceidae	Lynceus		1
Limnadiidae	Paralimnadia		1

Lifeform - Dicots

Number of Dicots **476**

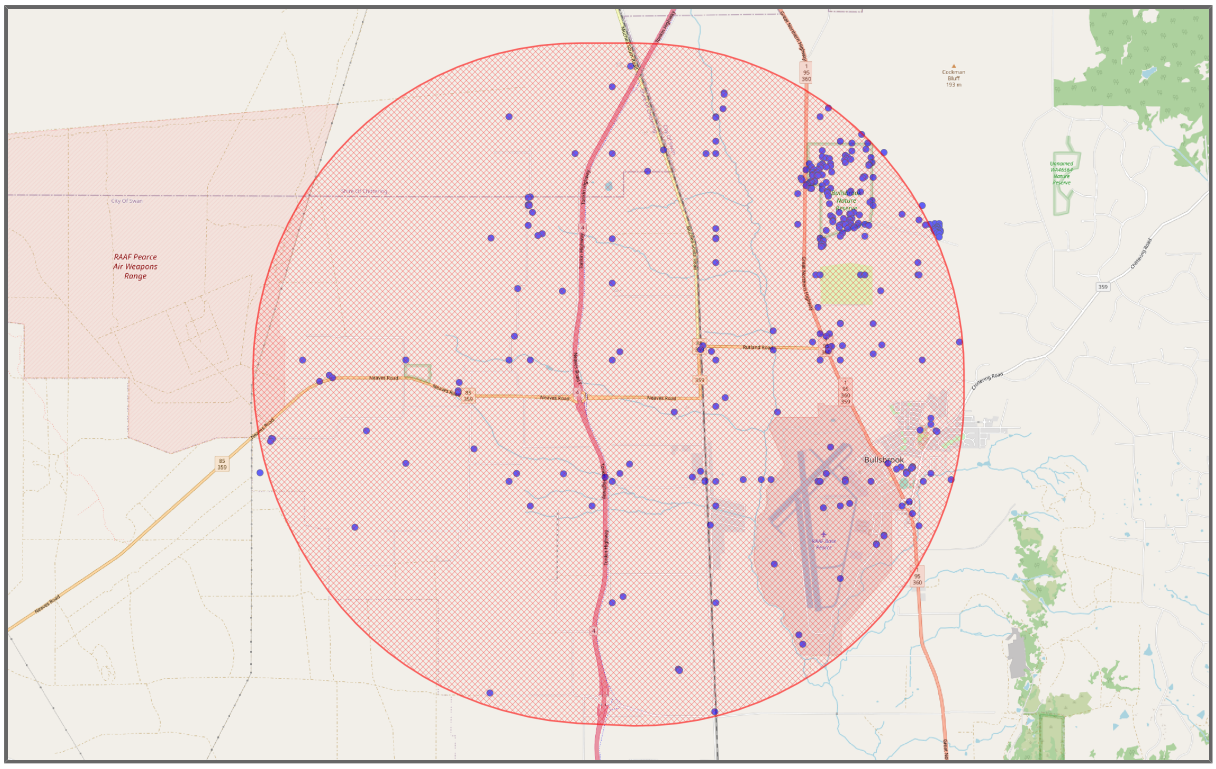


Figure 20 : Map of Lifeform - Dicots

Table 20: Lifeform - Dicots (Link to full list)

Family	*Scientific Name*	Common Name	No. Occurrences
Asteraceae	Ursinia anthemoides	Ursinia	23
Droseraceae	Drosera menziesii	Pink Rainbow	20
Droseraceae	Drosera erythrorhiza	Red Ink Sundew	19
Rutaceae	Philotheca spicata	Pepper And Salt	19
Asteraceae	Hypochaeris glabra	Smooth Cat's Ear	17
Araliaceae	Trachymene pilosa	Dwarf Trachymene	17
Dilleniaceae	Hibbertia hypericoides	Yellow Buttercups	16
Myrtaceae	Hypocalymma angustifolium	White Myrtle	16
Fabaceae	Bossiaea eriocarpa	Common Brown Pea	15
Stylidiaceae	Stylidium inundatum	Hundreds And Thousands	15
Myrtaceae	Calothamnus sanguineus	Silky-leaved Bloodflower	14
Proteaceae	Petrophile linearis	Pixie Mops	14
Asteraceae	Pogonolepis stricta		14
Asteraceae	Siloxerus humifusus	Procumbent Siloxerus	13
Myrtaceae	Melaleuca ryeae		12
Goodeniaceae	Scaevola canescens	Grey Scaevola	12
Stylidiaceae	Stylidium brunonianum	Pink Fountain Triggerplant	12
Fabaceae	Acacia pulchella	Prickly Moses	11
Asteraceae	Brachyscome iberidifolia	Brachyscome	11
Asteraceae	Cotula coronopifolia	Water Buttons	11
Proteaceae	Grevillea obtusifolia		11
Proteaceae	Grevillea pilulifera	Woolly-flowered Grevillea	11
Stylidiaceae	Stylidium dichotomum	Pins And Needles	11
Proteaceae	Banksia dallanneyi		10
Ericaceae	Conostephium pendulum	Pearl Flower	10

Goodeniaceae	Dampiera linearis	Wedge-leaved Dampiera	10
Fabaceae	Gompholobium tomentosum	Hairy Yellow Pea	10
Stylidiaceae	Stylidium piliferum	Common Butterfly Triggerplant	10
Stylidiaceae	Stylidium utricularioides	Pink Fan Triggerplant	10
Casuarinaceae	Allocasuarina humilis	Dwarf Sheoak	9
Goodeniaceae	Dampiera coronata	Wedge-leaved Dampiera	9
Fabaceae	Daviesia physodes		9
Droseraceae	Drosera helodes		9
Droseraceae	Drosera minutiflora		9
Apiaceae	Eryngium pinnatifidum	Blue Devils	9
Myrtaceae	Eucalyptus todtiana	Blackbutt	9
Fabaceae	Gastrolobium capitatum	Bacon And Eggs	9
Fabaceae	Gompholobium marginatum		9
Lamiaceae	Hemiandra pungens	Snakebush	9
Stylidiaceae	Levenhookia stipitata	Common Stylewort	9
Stylidiaceae	Stylidium calcaratum	Spurred Trigger-plant	9
Stylidiaceae	Stylidium purpureum	Purple Fountain Triggerplant	9
Myrtaceae	Verticordia densiflora	Compacted Featherflower	9
Fabaceae	Acacia saligna	Golden Wreath Wattle	8
Myrtaceae	Calytrix variabilis		8
Lauraceae	Cassytha racemosa	Dodder Laurel	8
Fabaceae	Daviesia triflora		8
Droseraceae	Drosera nitidula	Shining Sundew	8
Goodeniaceae	Goodenia micrantha		8
Dilleniaceae	Hibbertia acerosa	Needle Leaved Guinea Flower	8
Dilleniaceae	Hibbertia huegelii		8
Proteaceae	Isopogon asper		8
Fabaceae	Jacksonia floribunda		8
Myrtaceae	Melaleuca viminea	Mohan	8
Thymelaeaceae	Pimelea imbricata var. piligera		8
Stylidiaceae	Stylidium repens	Matted Triggerplant	8
Fabaceae	Acacia willdenowiana	Grass Wattle	7
Proteaceae	Banksia menziesii	Firewood Banksia	7
Proteaceae	Banksia nivea		7
Myrtaceae	Calytrix angulata	Yellow Starflower	7
Droseraceae	Drosera drummondii		7
Asteraceae	Hyalosperma cotula		7
Violaceae	Hybanthus calycinus	Wild Violet	7
Campanulaceae	Lobelia anceps	Angled Lobelia	7
Myrtaceae	Melaleuca brevifolia	Short-leaf Honey-myrtle	7
Proteaceae	Petrophile seminuda		7
Asteraceae	Podolepis gracilis	Slender Podolepis	7
Phyllanthaceae	Poranthera microphylla	Small Poranthera	7
Goodeniaceae	Scaevola phlebopetala	Velvet Fanflower	7
Asteraceae	Sonchus oleraceus	Common Sow-thistle	7
Stylidiaceae	Stylidium	Trigger-plants	7
Proteaceae	Synaphea spinulosa subsp. spinulosa		7
Ericaceae	Astroloma pallidum	Kick Bush	6
Myrtaceae	Babingtonia camphorosmae		6
Proteaceae	Banksia ilicifolia	Holly Leaved Banksia	6
Myrtaceae	Calytrix flavescens	Summer Starflower	6
Myrtaceae	Corymbia calophylla	Marri	6
Droseraceae	Drosera glanduligera	Scarlet Sundew	6
Droseraceae	Drosera pallida	Pale Rainbow	6
Myrtaceae	Kunzea recurva		6
Myrtaceae	Kunzea	Tickbush	6

Myrtaceae	Melaleuca preissiana	Moonah	6
Myrtaceae	Melaleuca seriata		6
Proteaceae	Petrophile shuttleworthiana		6
Amaranthaceae	Ptilotus manglesii	Pom Poms	6
Primulaceae	Samolus junceus		6
Goodeniaceae	Scaevola lanceolata	Long-leaved Scaevola	6
Myrtaceae	Scholtzia involucrata	Spiked Scholtzia	6
Stylidiaceae	Stylidium ecorne	Foot Triggerplant	6
Myrtaceae	Verticordia plumosa var. brachyphylla		6
Apiaceae	Xanthosia huegelii	Hairy Xanthosia	6
Asteraceae	Arctotheca calendula	Cape Weed	5
Proteaceae	Banksia attenuata	Coast Banksia	5
Rutaceae	Boronia purdieana subsp. purdieana		5
Gentianaceae	Cicendia filiformis	Slender Cicendia	5
Myrtaceae	Eucalyptus marginata subsp. thalassica	Blue-leaved Jarrah	5
Fabaceae	Gastrolobium spinosum	Prickly Poison	5
Haloragaceae	Gonocarpus pithyoides		5
Proteaceae	Hakea ruscifolia	Candle Hakea	5
Fabaceae	Hovea trisperma	Common Hovea	5
Araliaceae	Hydrocotyle alata		5
Araliaceae	Hydrocotyle callicarpa	Tiny Pennywort	5
Fabaceae	Jacksonia sternbergiana	Stinkwood	5
Fabaceae	Kennedia prostrata	Scarlet Runner	5
Goodeniaceae	Lechenaultia biloba	Blue Leschenaultia	5
Myrtaceae	Melaleuca viminea subsp. viminea	Weeping Honey-myrtle	5
Euphorbiaceae	Monotaxis grandiflora	Diamond Of The Desert	5
Orobanchaceae	Parentucellia latifolia	Red Bartsia	5
Asteraceae	Podotheca chrysantha	Yellow Podotheca	5
Proteaceae	Stirlingia latifolia	Blueboy	5
Stylidiaceae	Stylidium bulbiferum	Circus Triggerplant	5
Hydatellaceae	Trithuria bibracteata		5
Lentibulariaceae	Utricularia tenella	Pink Bladderwort	5
Proteaceae	Adenanthos obovatus	Basket Flower	4
Myrtaceae	Beaufortia elegans	Elegant Beaufortia	4
Orobanchaceae	Bellardia viscosa	Yellow Bartsia	4
Pittosporaceae	Billardiera fraseri	Elegant Pronaya	4
Asteraceae	Brachyscome bellidioides		4
Myrtaceae	Calytrix sapphirina		4
Myrtaceae	Chamelaucium uncinatum	Geraldton Wax	4
Proteaceae	Conospermum stoechadis subsp. stoechadis	Common Smokebush	4
Proteaceae	Conospermum stoechadis	Common Smokebush	4
Fabaceae	Daviesia horrida	Prickly Bitter-pea	4
Fabaceae	Daviesia nudiflora subsp. nudiflora		4
Fabaceae	Daviesia nudiflora		4
Myrtaceae	Eremaea pauciflora		4
Proteaceae	Grevillea bipinnatifida	Fuchsia Grevillea	4
Proteaceae	Grevillea lawrenceana		4
Proteaceae	Hakea lissocarpha	Honey Bush	4
Dilleniaceae	Hibbertia commutata		4
Dilleniaceae	Hibbertia subvaginata		4
Fabaceae	Hovea trisperma var. grandiflora		4
Fabaceae	Hovea trisperma var. trisperma	Common Hovea	4
Myrtaceae	Kunzea micrantha		4
Asteraceae	Leontodon saxatilis	Lesser Hawkbit	4
Myrtaceae	Melaleuca rhaphiophylla	Swamp Paperbark	4
Myrtaceae	Melaleuca uncinata	Broombush	4

Orobanchaceae	Orobanche minor	Lesser Broomrape	4
Loganiaceae	Phyllangium paradoxum	Wiry Mitrewort	4
Asteraceae	Podotheca angustifolia	Sticky Long-heads	4
Asteraceae	Pterochaeta paniculata		4
Amaranthaceae	Ptilotus declinatus	Curved Mulla-mulla	4
Amaranthaceae	Ptilotus drummondii var. drummondii	Pussytail	4
Asteraceae	Quinetia urvillei	Quinetia	4
Chenopodiaceae	Salicornia blackiana	Thick-head Samphire	4
Stylidiaceae	Stylidium bindoon	Bindoon Triggerplant	4
Stylidiaceae	Stylidium schoenoides	Cow Kicks	4
Goodeniaceae	Verreauxia reinwardtii	Common Verreauxia	4
Asteraceae	Waitzia suaveolens	Fragrant Waitzia	4
Fabaceae	Acacia applanata	Grass Wattle	3
Fabaceae	Acacia huegelii	Huegel's Wattle	3
Fabaceae	Aotus gracillima		3
Myrtaceae	Astartea		3
Ericaceae	Astroloma macrocalyx	Swan Berry	3
Portulacaceae	Calandrinia sp. Kenwick (G.J.Keighery 10905)		3
Myrtaceae	Calytrix aurea		3
Myrtaceae	Calytrix leschenaultii	Posy Starflower	3
Myrtaceae	Calytrix strigosa		3
Lauraceae	Cassytha flava	Dodder Laurel	3
Casuarinaceae	Casuarina obesa	Swamp Sheoak	3
Proteaceae	Conospermum stoechadis subsp. sclerophyllum		3
Ericaceae	Conostephium preissii		3
Asteraceae	Cotula turbinata	Ferny Cotula	3
Crassulaceae	Crassula natans var. minus	Water Crassula	3
Apiaceae	Daucus glochidiatus	Native Carrot	3
Fabaceae	Daviesia angulata		3
Fabaceae	Daviesia preissii		3
Droseraceae	Drosera gigantea	Giant Sundew	3
Droseraceae	Drosera heterophylla	Swamp Rainbow	3
Droseraceae	Drosera macrantha	Bridal Rainbow	3
Myrtaceae	Eucalyptus wandoo subsp. wandoo	Wandoo	3
Fabaceae	Gompholobium knightianum	Knight's Wedge-pea	3
Fabaceae	Gompholobium preissii		3
Haloragaceae	Gonocarpus nodulosus		3
Goodeniaceae	Goodenia pulchella		3
Proteaceae	Grevillea althoferorum		3
Proteaceae	Grevillea bipinnatifida subsp. bipinnatifida		3
Proteaceae	Hakea erinacea	Hedgehog Hakea	3
Proteaceae	Hakea prostrata	Harsh Hakea	3
Dilleniaceae	Hibbertia aurea		3
Santalaceae	Leptomeria pauciflora	Sparse-flowered Currant Bush	3
Stylidiaceae	Levenhookia octomaculata	Eight-spotted Stylewort	3
Fabaceae	Lotus angustissimus	Slender Bird's-foot Trefoil	3
Primulaceae	Lysimachia arvensis	Pimpernel	3
Ericaceae	Lysinema ciliatum	Curry Flower	3
Myrtaceae	Melaleuca trichophylla		3
Asteraceae	Millotia myosotidifolia	Broad-leaf Millotia	3
Asteraceae	Millotia tenuifolia var. tenuifolia	Soft Millotia	3
Asteraceae	Millotia tenuifolia	Soft Millotia	3
Asteraceae	Myriocephalus helichrysoides		3
Proteaceae	Persoonia saccata	Snottygobble	3
Goodeniaceae	Scaevola glandulifera	Viscid Hand-flower	3
Fabaceae	Sphaerolobium vimineum	Leafless Globe-pea	3

Stylidiaceae	Stylidium albolilacinum		3
Stylidiaceae	Stylidium diuroides	Donkey Triggerplant	3
Stylidiaceae	Stylidium tenue subsp. majusculum	Showy Fountain Triggerplant	3
Proteaceae	Synaphea spinulosa		3
Asteraceae	Trichocline spathulata	Native Gerbera	3
Celastraceae	Tripterococcus brunonis	Winged Stackhousia	3
Lentibulariaceae	Utricularia multifida	Pink Petticoats	3
Myrtaceae	Verticordia densiflora var. densiflora	Compacted Featherflower	3
Myrtaceae	Verticordia nitens	Yellow Morrison	3
Asteraceae	Waitzia suaveolens var. suaveolens		3
Fabaceae	Acacia lasiocarpa var. sedifolia		2
Fabaceae	Acacia lateriticola		2
Fabaceae	Acacia saligna subsp. Wheatbelt (B.R.Maslin 8602)		2
Fabaceae	Acacia sessilis		2
Proteaceae	Adenanthos cygnorum	Boyur	2
Proteaceae	Adenanthos		2
Ericaceae	Andersonia lehmanniana		2
Asteraceae	Angianthus preissianus	Salt Angianthus	2
Myrtaceae	Astartea affinis	West-coast Astartea	2
Myrtaceae	Astartea fascicularis	Recherche Astartea	2
Myrtaceae	Astartea scoparia	Common Astartea	2
Proteaceae	Banksia armata var. armata		2
Myrtaceae	Beaufortia		2
Portulacaceae	Calandrinia calyptrata	Pink Purslane	2
Myrtaceae	Callistemon phoeniceus	Lesser Bottlebrush	2
Lauraceae	Cassytha glabella	Slender Dodder-laurel	2
Pittosporaceae	Cheiranthera preissiana		2
Polygalaceae	Comesperma calymega	Blue-spike Milkwort	2
Proteaceae	Conospermum polycephalum		2
Asteraceae	Cotula cotuloides	Smooth Cotula	2
Fabaceae	Cristonia biloba		2
Goodeniaceae	Dampiera teres		2
Droseraceae	Drosera macrantha subsp. macrantha		2
Droseraceae	Drosera magna		2
Droseraceae	Drosera platystigma	Black-eyed Sundew	2
Myrtaceae	Eremaea asterocarpa subsp. asterocarpa		2
Myrtaceae	Eremaea pauciflora var. pauciflora		2
Myrtaceae	Eucalyptus marginata subsp. marginata	Jarrah	2
Myrtaceae	Eucalyptus marginata	Jarrah	2
Myrtaceae	Eucalyptus rudis subsp. rudis	Flooded Gum	2
Fabaceae	Gastrolobium linearifolium		2
Asteraceae	Gnephosis drummondii	Slender Golden-tip	2
Goodeniaceae	Goodenia coerulea		2
Proteaceae	Grevillea curviloba subsp. curviloba	Curvedleaf Grevillea	2
Proteaceae	Grevillea curviloba subsp. incurva	Narrow Curvedleaf Grevillea	2
Proteaceae	Hakea incrassata	Marble Hakea	2
Proteaceae	Hakea sulcata	Furrowed Hakea	2
Proteaceae	Hakea varia	Variable-leaved Hakea	2
Fabaceae	Hardenbergia comptoniana	Western Australian Coral-pea	2
Apiaceae	Homalosciadium homalocarpum		2
Araliaceae	Hydrocotyle diantha	Kangaroo Island Pennywort	2
Myrtaceae	Hypocalymma robustum	Swan River Myrtle	2
Myrtaceae	Hypocalymma		2
Fabaceae	Isotropis cuneifolia subsp. cuneifolia	Granny Bonnets	2
Fabaceae	Jacksonia furcellata	Grey Stinkwood	2
Myrtaceae	Kunzea glabrescens	Spearwood	2

Myrtaceae	Kunzea micrantha subsp. micrantha		2
Asteraceae	Lagenophora huegelii	Coarse Bottle-daisy	2
Proteaceae	Lambertia multiflora var. darlingensis		2
Malvaceae	Lasiopetalum glabratum		2
Myrtaceae	Leptospermum spinescens		2
Myrtaceae	Leptospermum	Tea Tree	2
Ericaceae	Leucopogon conostephioides		2
Ericaceae	Leucopogon propinquus		2
Fabaceae	Lotus subbiflorus	Hairy Bird's-foot Trefoil	2
Limeaceae	Macarthuria australis		2
Myrtaceae	Melaleuca bracteosa		2
Campanulaceae	Monopsis debilis	Pansy Lobelia	2
Loranthaceae	Nuytsia floribunda	Western Australian Christmas Tree	2
Rubiaceae	Opercularia vaginata	Dog Weed	2
Polygonaceae	Persicaria decipiens	Slender Knotweed	2
Proteaceae	Petrophile macrostachya		2
Phyllanthaceae	Phyllanthus calycinus	Snowdrop Spurge	2
Lamiaceae	Physopsis spicata	Hill River Lambstail	2
Asteraceae	Podolepis lessonii		2
Asteraceae	Podotheca gnaphalioides	Golden Long-heads	2
Fabaceae	Pultenaea ericifolia		2
Goodeniaceae	Scaevola repens var. repens		2
Asteraceae	Senecio multicaulis subsp. multicaulis		2
Asteraceae	Siloxerus filifolius		2
Caryophyllaceae	Spergularia marina	Salt Sand-spurrey	2
Stylidiaceae	Stylidium despectum	Hundreds And Thousands	2
Stylidiaceae	Stylidium obtusatum	Pinafore Triggerplant	2
Stylidiaceae	Stylidium petiolare	Horn Triggerplant	2
Stylidiaceae	Stylidium scariosum		2
Proteaceae	Synaphea acutiloba	Granite Synaphea	2
Myrtaceae	Thryptomene denticulata		2
Rhamnaceae	Trymalium angustifolium		2
Lentibulariaceae	Utricularia violacea	Violet Bladderwort	2
Asteraceae	Vellereophyton dealbatum	White Cudweed	2
Myrtaceae	Verticordia acerosa		2
Myrtaceae	Verticordia pennigera	Native Tea	2
Myrtaceae	Verticordia plumosa	Plumed Featherflower	2
Fabaceae	Viminaria juncea	Native Broom	2
Campanulaceae	Wahlenbergia capensis	Cape Bluebell	2
Campanulaceae	Wahlenbergia preissii		2
Fabaceae	Acacia barbinervis subsp. barbinervis		1
Fabaceae	Acacia drewiana		1
Fabaceae	Acacia lasiocalyx	Shaggy Wattle	1
Fabaceae	Acacia longifolia	Sallow Wattle	1
Fabaceae	Acacia pulchella var. pulchella	Prickly Moses	1
Proteaceae	Adenanthos drummondii		1
Casuarinaceae	Allocasuarina microstachya		1
Loranthaceae	Amyema linophylla subsp. linophylla		1
Loranthaceae	Amyema miquelii	Box Mistletoe	1
Ericaceae	Andersonia heterophylla		1
Ericaceae	Andersonia lehmanniana subsp. lehmanniana		1
Asteraceae	Angianthus tomentosus	Hairy Cup-flower	1
Solanaceae	Anthocercis anisantha subsp. anisantha		1
Fabaceae	Aotus cordifolia		1
Fabaceae	Aotus intermedia		1
Myrtaceae	Apectospermum		1

Asteraceae	Asteraceae	Daisy	1
Ericaceae	Astroloma glaucescens		1
Ericaceae	Astroloma stomarrhena	Red Swamp Cranberry	1
Chenopodiaceae	Atriplex prostrata	Hastate Orache	1
Proteaceae	Banksia armata		1
Proteaceae	Banksia sessilis var. sessilis		1
Proteaceae	Banksia telmatiaea	Swamp Fox Banksia	1
Proteaceae	Banksia	Banksia	1
Myrtaceae	Beaufortia macrostemon	Darling Range Beaufortia	1
Rutaceae	Boronia ovata		1
Fabaceae	Bossiaea		1
Asteraceae	Brachyscome glandulosa	Sticky Daisy	1
Portulacaceae	Calandrinia granulifera	Pigmy Purslane	1
Portulacaceae	Calandrinia sp. (Milray area)		1
Portulacaceae	Calandrinia	Parakeelya	1
Myrtaceae	Calothamnus phellosus		1
Myrtaceae	Calytrix breviseta		1
Myrtaceae	Calytrix fraseri	Pink Summer Calytrix	1
Myrtaceae	Calytrix	Fringe Myrtle	1
Aizoaceae	Carpobrotus edulis	Hottentot Fig	1
Lauraceae	Cassytha glabella f. dispar	Slender Dodder-laurel	1
Lauraceae	Cassytha racemosa f. racemosa		1
Gentianaceae	Centaurium erythraea	Common Centaury	1
Gentianaceae	Centaurium tenuiflorum	Branched Centaury	1
Cucurbitaceae	Citrullus lanatus	Camel Melon	1
Polygalaceae	Comesperma polygaloides	Small Milkwort	1
Polygalaceae	Comesperma virgatum	Milkwort	1
Polygalaceae	Comesperma volubile	Love Creeper	1
Proteaceae	Conospermum acerosum subsp. acerosum		1
Proteaceae	Conospermum acerosum	Needle-leaved Smokebush	1
Proteaceae	Conospermum huegelii	Slender Smokebush	1
Proteaceae	Conospermum triplinervium	Tree Smokebush	1
Ericaceae	Conostephium minus	Pink-tipped Pearl Flower	1
Ericaceae	Conostephium	Pearl Flowers	1
Asteraceae	Cotula australis	Common Cotula	1
Rhamnaceae	Cryptandra arbutiflora var. arbutiflora		1
Convolvulaceae	Cuscuta epithymum	Common Dodder	1
Myrtaceae	Darwinia oederoides		1
Myrtaceae	Darwinia pinifolia		1
Fabaceae	Daviesia cordata	Bookleaf	1
Fabaceae	Daviesia decurrens subsp. decurrens		1
Fabaceae	Daviesia decurrens	Thorny Bitter-pea	1
Fabaceae	Daviesia divaricata subsp. divaricata		1
Fabaceae	Daviesia divaricata	Marno	1
Fabaceae	Daviesia epiphyllum		1
Fabaceae	Daviesia gracilis		1
Fabaceae	Dillwynia cinerascens	Grey Parrot-pea	1
Sapindaceae	Diplopeltis huegelii subsp. lehmannii		1
Asteraceae	Dittrichia graveolens	Stinkwort	1
Sapindaceae	Dodonaea ericoides		1
Droseraceae	Drosera hyperostigma		1
Droseraceae	Drosera porrecta	Leafy Sundew	1
Droseraceae	Drosera rosulata		1
Droseraceae	Drosera spilos		1
Droseraceae	Drosera stolonifera	Leafy Sundew	1
Boraginaceae	Echium plantagineum	Paterson's Curse	1

Onagraceae	Epilobium billardiereanum	Variable Willow-herb	1
Myrtaceae	Eremaea asterocarpa		1
Myrtaceae	Eremaea purpurea		1
Ericaceae	Ericaceae	Austral Heaths	1
Geraniaceae	Erodium botrys	Big Herons-bill	1
Apiaceae	Eryngium		1
Myrtaceae	Eucalyptus rudis	Flooded Gum	1
Myrtaceae	Eucalyptus wandoo	White Gum	1
Moraceae	Ficus carica	Edible Fig	1
Fabaceae	Gastrolobium ebracteolatum		1
Fabaceae	Gastrolobium praemorsum		1
Haloragaceae	Glischrocaryon aureum	Yellow Popflower	1
Asteraceae	Gnephosis tenuissima	Dwarf Golden-tip	1
Asteraceae	Gnephosis		1
Apocynaceae	Gomphocarpus fruticosus	Narrow-leaved Cotton Bush	1
Fabaceae	Gompholobium	Wedge Peas	1
Campanulaceae	Grammatotheca bergiana		1
Proteaceae	Grevillea pinaster		1
Proteaceae	Grevillea quercifolia	Oak-leaf Grevillea	1
Proteaceae	Hakea cristata		1
Proteaceae	Hakea eneabba		1
Proteaceae	Hakea stenocarpa		1
Asteraceae	Helichrysum		1
Lamiaceae	Hemiandra linearis	Speckled Snakebush	1
Lamiaceae	Hemigenia barbata		1
Dilleniaceae	Hibbertia hypericoides subsp. hypericoides	Yellow Buttercups	1
Dilleniaceae	Hibbertia hypericoides subsp. septentrionalis		1
Dilleniaceae	Hibbertia spicata		1
Dilleniaceae	Hibbertia stellaris	Guinea Flower	1
Myrtaceae	Homalocalyx thryptomenoides		1
Fabaceae	Hovea pungens	Devils Pins	1
Myrtaceae	Hypocalymma angustifolium subsp. Swan Coastal Plain (G.J.Keighery 16777)		1
Myrtaceae	Hypocalymma angustifolium subsp. angustifolium		1
Fabaceae	Isotropis cuneifolia	Granny Bonnets	1
Bignoniaceae	Jacaranda mimosifolia	Jacaranda	1
Myrtaceae	Kunzea ericifolia	Spearwood	1
Myrtaceae	Kunzea micrantha subsp. petiolata		1
Proteaceae	Lambertia multiflora var. multiflora		1
Malvaceae	Lasiopetalum floribundum	Free Flowering Lasiopetalum	1
Malvaceae	Lasiopetalum glutinosum subsp. latifolium		1
Malvaceae	Lawrencia squamata	Thorny Lawrencia	1
Goodeniaceae	Lechenaultia expansa		1
Goodeniaceae	Lechenaultia floribunda	Free-flowering Leschenaultia	1
Santalaceae	Leptomeria empetriformis		1
Myrtaceae	Leptospermopsis erubescens		1
Myrtaceae	Leptospermum nitens		1
Ericaceae	Leucopogon glaucifolius		1
Ericaceae	Leucopogon parviflorus	Coast Beard-heath	1
Ericaceae	Leucopogon polymorphus		1
Stylidiaceae	Levenhookia pusilla	Tiny Stylewort	1
Linaceae	Linum trigynum	French Flax	1
Campanulaceae	Lobelia gibbosa	Tall Lobelia	1
Campanulaceae	Lobelia rhombifolia	Tufted Lobelia	1
Lythraceae	Lythrum hyssopifolia	Lesser Loosestrife	1
Pittosporaceae	Marianthus coeruleopunctatus		1
Myrtaceae	Melaleuca aspalathoides		1

Myrtaceae	Melaleuca cuticularis	Western Swamp-paperbark	1
Myrtaceae	Melaleuca hnatiukii		1
Myrtaceae	Melaleuca lateritia	Robin Redbreast Bush	1
Myrtaceae	Melaleuca nesophila	Showy Honey Myrtle	1
Myrtaceae	Melaleuca teretifolia	Banbar	1
Myrtaceae	Melaleuca tuberculata var. arenaria		1
Myrtaceae	Melaleuca x arenicola		1
Fabaceae	Melilotus indicus	Sweet Melilot	1
Asteraceae	Millotia		1
Campanulaceae	Monopsis debilis var. depressa		1
Asteraceae	Myriocephalus occidentalis		1
Haloragaceae	Myriophyllum drummondii		1
Haloragaceae	Myriophyllum propinquum	Water Milfoil	1
Haloragaceae	Myriophyllum	Water Milfoil	1
Asteraceae	Olearia rudis	Azure Daisy-bush	1
Menyanthaceae	Ornduffia albiflora		1
Oxalidaceae	Oxalis pes-caprae	Soursob	1
Oxalidaceae	Oxalis purpurea	One-o'clock	1
Myrtaceae	Pericalymma crassipes		1
Myrtaceae	Pericalymma ellipticum var. ellipticum		1
Proteaceae	Petrophile biloba	Granite Petrophile	1
Proteaceae	Petrophile squamata		1
Thymelaeaceae	Pimelea floribunda		1
Thymelaeaceae	Pimelea imbricata var. major		1
Thymelaeaceae	Pimelea imbricata		1
Thymelaeaceae	Pimelea suaveolens subsp. suaveolens		1
Platanaceae	Platanus		1
Elaeocarpaceae	Platytheca galioides		1
Asteraceae	Podolepis aristata subsp. aristata		1
Asteraceae	Pseudognaphalium luteoalbum	Jersey Cudweed	1
Myrtaceae	Regelia ciliata		1
Goodeniaceae	Scaevola repens		1
Asteraceae	Senecio multicaulis		1
Caryophyllaceae	Silene gallica var. gallica	French Catchfly	1
Asteraceae	Siloxerus multiflorus	Small Wrinklewort	1
Asteraceae	Siloxerus		1
Caryophyllaceae	Spergularia brevifolia	Salt Sand-spurrey	1
Proteaceae	Stirlingia abrotanoides		1
Stylidiaceae	Stylidium adpressum	Trigger-on-stilits	1
Stylidiaceae	Stylidium affine	Queen Triggerplant	1
Stylidiaceae	Stylidium androsaceum	Book Triggerplant	1
Stylidiaceae	Stylidium araeophyllum	Stilt Walker	1
Stylidiaceae	Stylidium breviscapum	Boomerang Triggerplant	1
Stylidiaceae	Stylidium diuroides subsp. diuroides		1
Stylidiaceae	Stylidium divaricatum	Daddy-long-legs	1
Stylidiaceae	Stylidium guttatum	Dotted Triggerplant	1
Stylidiaceae	Stylidium neurophyllum	Fan-leaved Triggerplant	1
Stylidiaceae	Stylidium recurvum		1
Stylidiaceae	Stylidium roseoalatum	Pink-winged Triggerplant	1
Stylidiaceae	Stylidium xanthellum	Little Yellow Triggerplant	1
Asteraceae	Taraxacum	Garden Dandelion	1
Myrtaceae	Taxandria linearifolia		1
Elaeocarpaceae	Tetratheca nuda		1
Fabaceae	Trifolium campestre var. campestre	Hop Clover	1
Asteraceae	Ursinia anthemoides subsp. anthemoides	Ursinia	1
Goodeniaceae	Velleia trinervis		1

Myrtaceae	Verticordia huegelii var. huegelii	1
Myrtaceae	Verticordia serrata	1
Asteraceae	Waitzia nitida	1

Lifeform - FernsAndAllies

Number of FernsAndAllies **0**

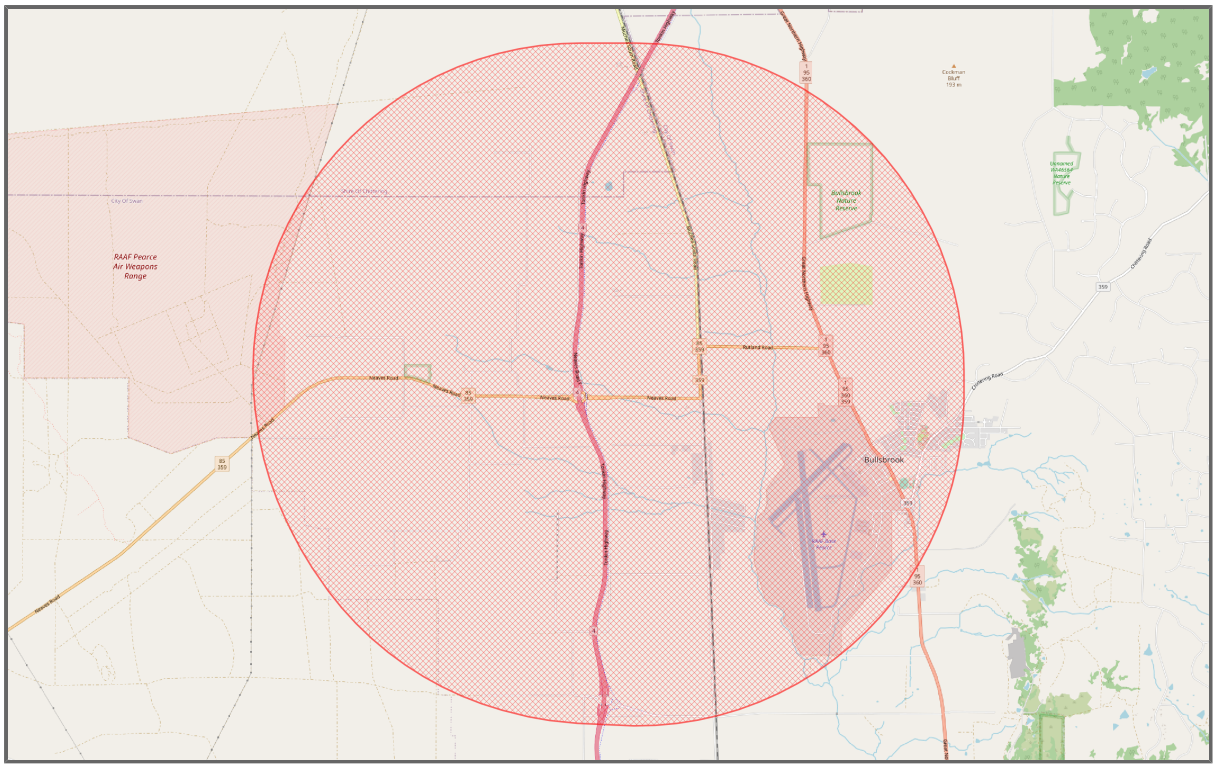


Figure 21 : Map of Lifeform - FernsAndAllies

Table 21: Lifeform - FernsAndAllies (Link to full list)

Family	*Scientific Name*	Common Name	No. Occurrences

Lifeform - Fishes

Number of Fishes **2**

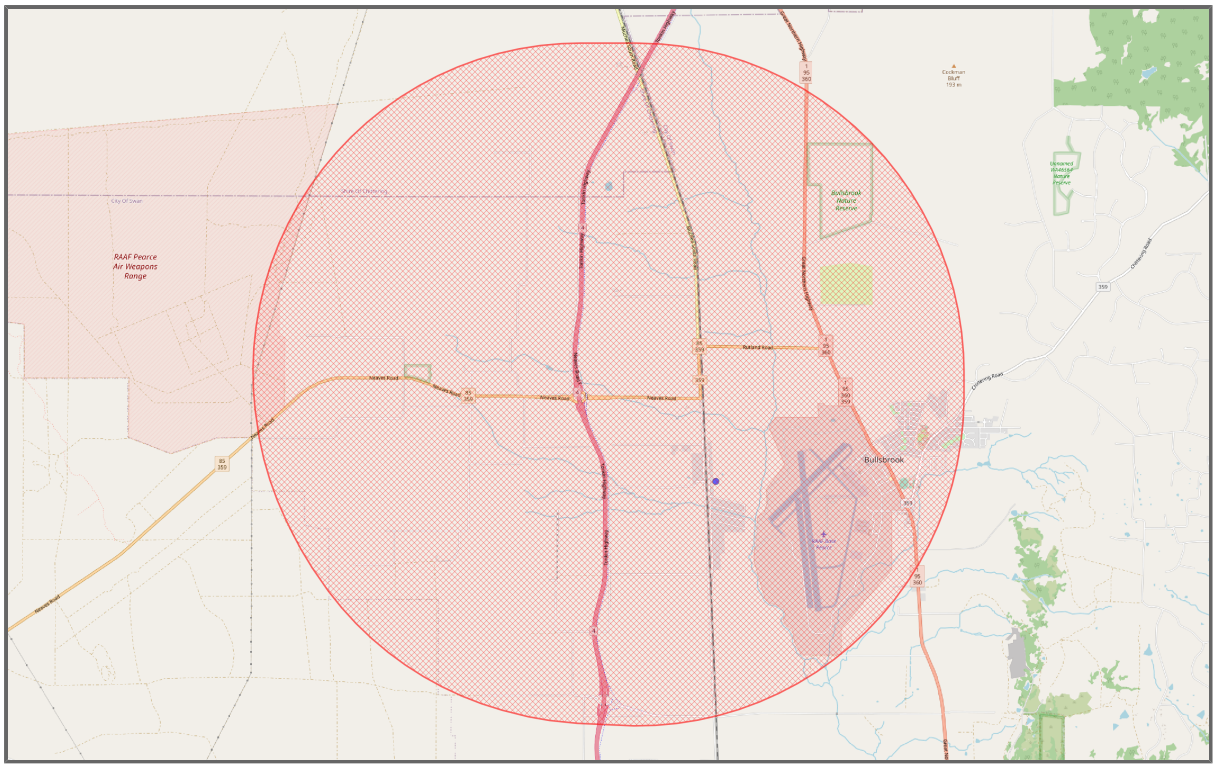


Figure 22 : Map of Lifeform - Fishes

Table 22: Lifeform - Fishes (Link to full list)

Family	*Scientific Name*	Common Name	No. Occurrences
Percichthyidae	Bostockia porosa	Nightfish	1
Percichthyidae	Nannoperca vittata	Western Pygmy Perch	1

Lifeform - Fungi

Number of Fungi **32**

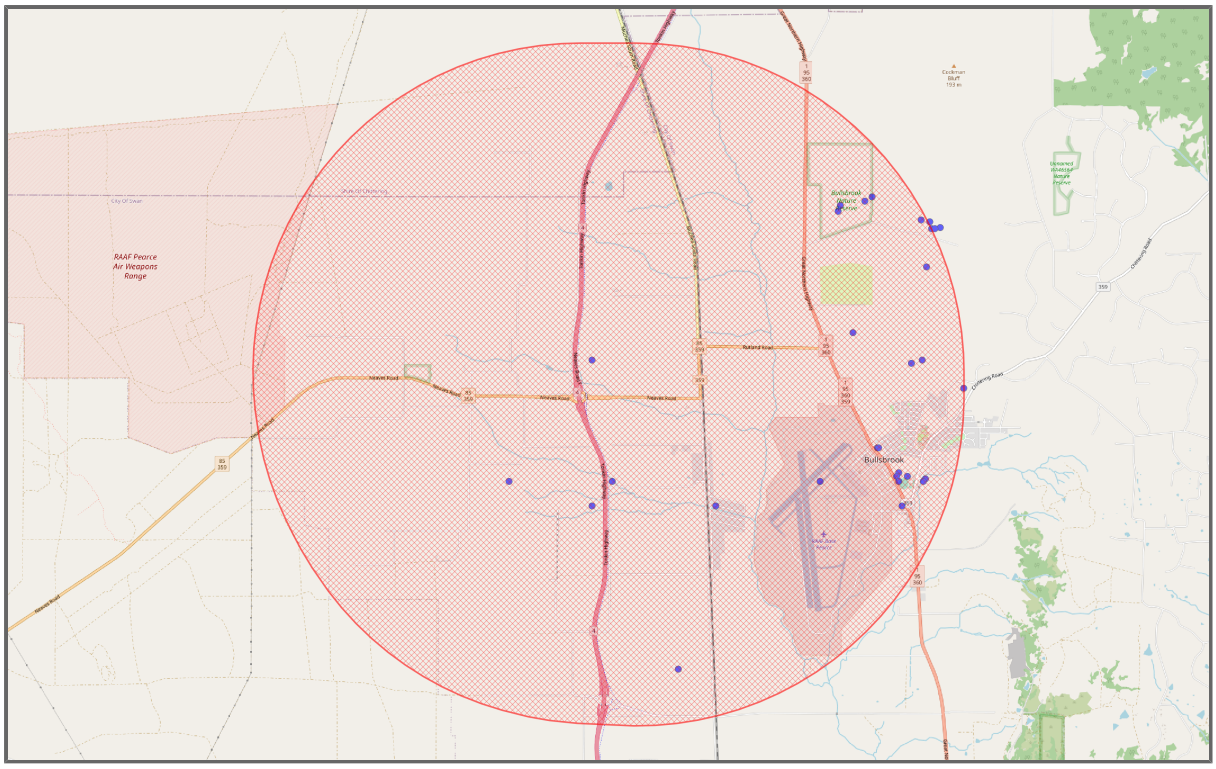


Figure 23 : Map of Lifeform - Fungi

Table 23: Lifeform - Fungi (Link to full list)

Family	*Scientific Name*	Common Name	No. Occurrences
Gomphaceae	Ramaria		3
	Agaricales		2
Helotiaceae	Banksiamyces		2
Hymenochaetaceae	Coltricia		2
Diaporthaceae	Diaporthe		2
	Fungi		2
Hydnangiaceae	Laccaria		2
Agaricaceae	Agaricaceae		1
	Agaricomycetes		1
Amanitaceae	Amanita		1
Boletaceae	Austroboletus lacunosus		1
	Batrachochytrium dendrobatidis	Chytrid Fungus	1
Clavulinaceae	Clavulina		1
Cortinariaceae	Cortinarius archeri		1
Cortinariaceae	Descolea		1
Lecideaceae	Lecidea ochroleuca		1
Agaricaceae	Lycoperdon		1
Mycosphaerellaceae	Mycosphaerella		1
Pezizaceae	Plicaria		1
	Polyporales		1
Pucciniaceae	Puccinia sorghi		1
Pucciniaceae	Puccinia		1
Polyporaceae	Pycnoporus coccineus		1
Polyporaceae	Pycnoporus		1
Mycosphaerellaceae	Ramularia grevilleana		1

Rhizopogonaceae	Rhizopogon luteolus	1
Rhizopogonaceae	Rhizopogon roseolus	1
Sclerodermataceae	Scleroderma cepa	1
Sclerodermataceae	Scleroderma	1
Amphisphaeriaceae	Seimatosporium	1
Didymellaceae	Stagonosporopsis cucurbitacearum	1
Pileolariaceae	Uromycladium	1

Lifeform - Gymnosperms

Number of Gymnosperms **0**

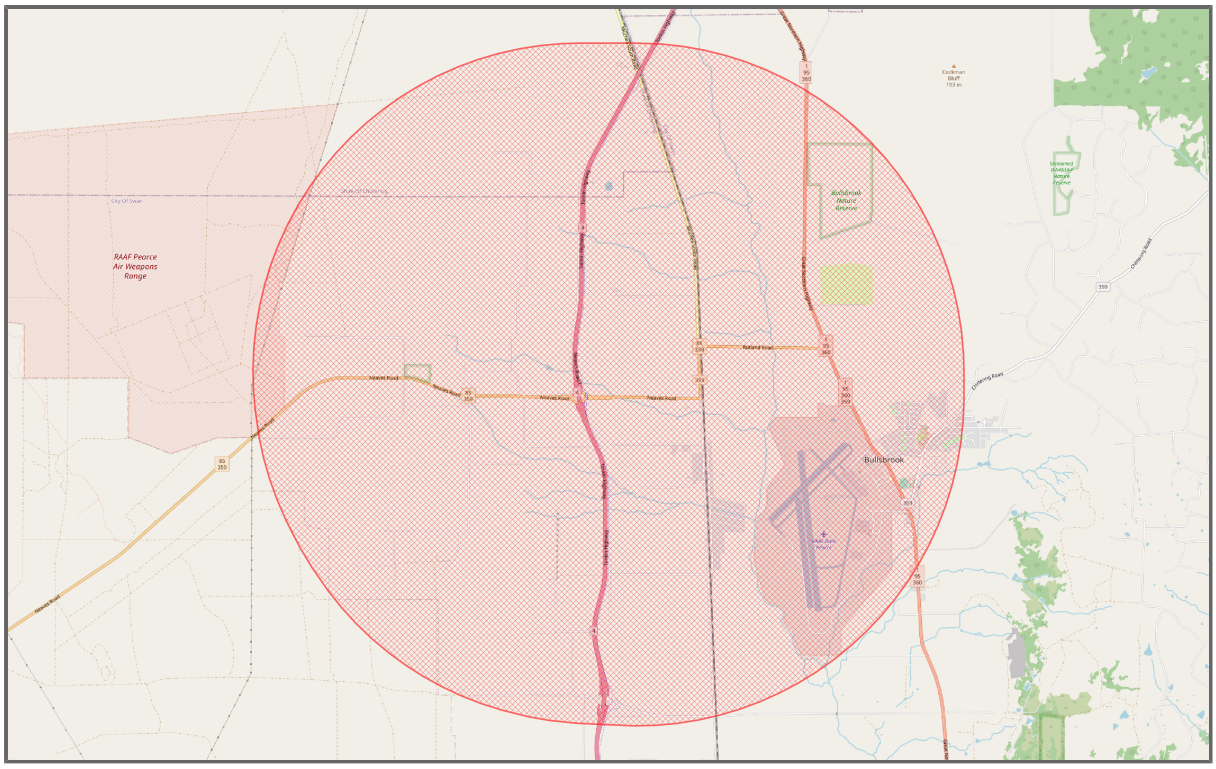


Figure 24 : Map of Lifeform - Gymnosperms

Table 24: Lifeform - Gymnosperms (Link to full list)

Family	*Scientific Name*	Common Name	No. Occurrences

Lifeform - Insects

Number of Insects **364**

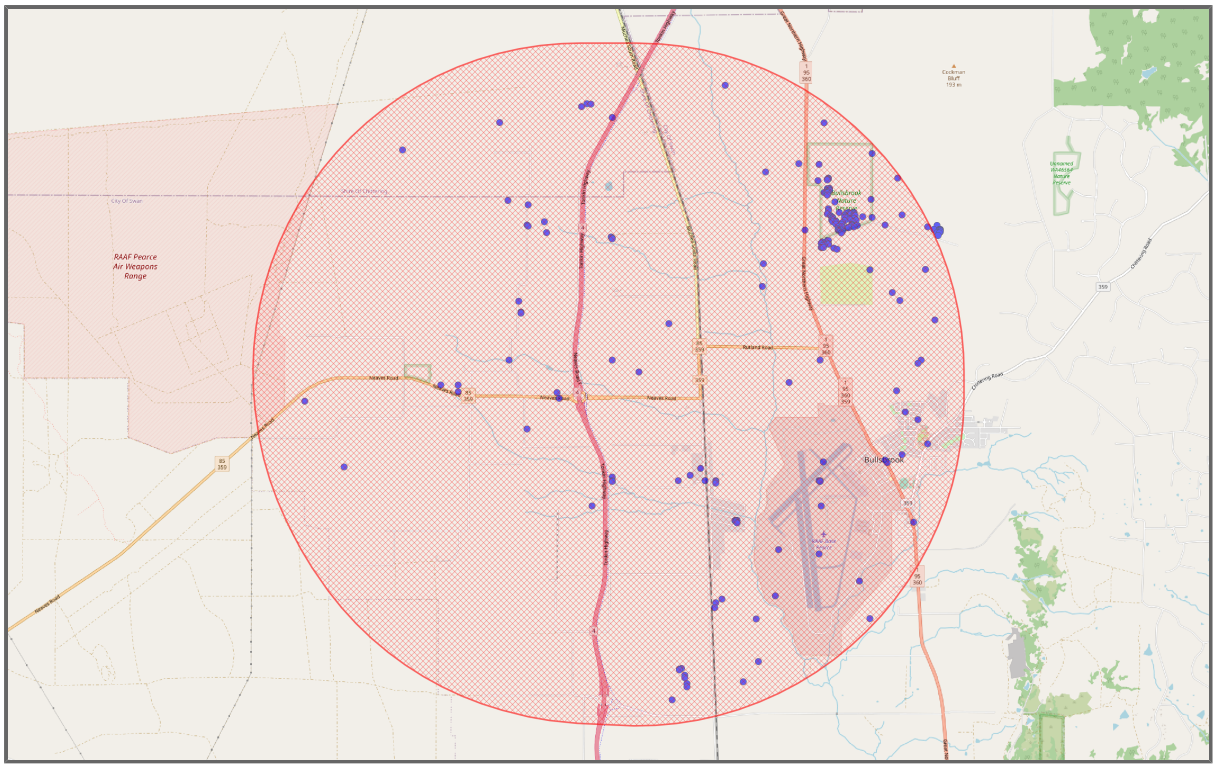


Figure 25 : Map of Lifeform - Insects

Table 25: Lifeform - Insects (Link to full list)

Family	*Scientific Name*	Common Name	No. Occurrences
Halictidae	Lipotriches (Austronomia) flavoviridis	Sweat Bee	78
Colletidae	Leioproctus		46
Halictidae	Lipotriches (Austronomia) australica	Sweat Bee	41
Halictidae	Lasioglossum (Chilalictus) hemichalceum	Sweat Bee	32
Megachilidae	Megachile (Eutricharaea) macularis	Bee	24
Halictidae	Lasioglossum (Parasphecodes) hiltacum	Sweat Bee	23
Megachilidae	Megachile (Eutricharaea) obtusa	Bee	22
Megachilidae	Megachile ignita	Bee	20
Megachilidae	Megachile (Eutricharaea) chrysopyga	Bee	18
Argiolestidae	Archiargiolestes pusillus	Little Flatwing	15
Libellulidae	Diplacodes bipunctata	Wandering Percher	13
Megachilidae	Megachile aurifrons	Bee	12
Cicadidae	CICADIDAE		11
Buprestidae	Diphucrania tyrrhena		11
Colletidae	Hylaeus (Euprosopis) violaceus	Species Of Yellowfaced Bee	10
Buprestidae	Neocuris discoflava		10
Petaluridae	Petalura hesperia	Western Petaltail	10
Apidae	Amegilla (Notomegilla) chlorocyanea	Blue Banded Bee	9
Buprestidae	Melobasis lathami		9
Gomphidae	Austrogomphus		8
Buprestidae	Castiarina rufipennis		8
Colletidae	Dasyhesma robusta		8
Corduliidae	Hemicordulia tau	Tau Emerald	8
Halictidae	Lasioglossum		8
Megachilidae	Megachile (Eutricharaea) serricauda	Bee	8

Megachilidae	Megachile		8
Apidae	Amegilla		7
Apidae	Apis (Apis) mellifera	Honey Bee	7
Buprestidae	Castiarina flaviceps		7
Buprestidae	Castiarina simulata		7
Halictidae	Lasioglossum (Chilalictus) ebeneum		7
Libellulidae	Orthetrum caledonicum	Blue Skimmer	7
Buprestidae	Castiarina placida		6
Buprestidae	Ethonion		6
Halictidae	Lasioglossum (Homalictus)		6
Scarabaeidae	Liparetrus striatus		6
Megachilidae	Megachile speluncarum		6
Colletidae	Paracolletes (Paracolletes) crassipes	Plasterer Bee	6
Buprestidae	Temognatha rectipennis		6
Apidae	Thyreus waroonensis	Cuckoo Bee	6
Curculionidae	Tranes vigorsii		6
Acrididae	ACRIDIDAE		5
Libellulidae	Austrothemis nigrescens	Swamp Flat-tail	5
	COLEOPTERA	Beetles	5
Hydrophilidae	HYDROPHILIDAE		5
Halictidae	Lasioglossum (Chilalictus) lanarium	Sweat Bee	5
Halictidae	Lasioglossum (Chilalictus) mirandum		5
Mutillidae	MUTILLIDAE		5
Argiolestidae	Miniargiolestes minimus	Stream Flatwing	5
Libellulidae	Nannophya dalei	Eastern Pygmyfly	5
Buprestidae	Agrilus (Agrilus) hypoleucus		4
Dytiscidae	Antiporus femoralis	Diving Beetle	4
Synthemistidae	Archaeosynthemis occidentalis	Western Brown Tigertail	4
Buprestidae	BUPRESTIDAE		4
Buprestidae	Castiarina nonyma		4
Buprestidae	Castiarina pallidiventris		4
	DIPTERA	Flies	4
Buprestidae	Diphucrania roseocuprea		4
Colletidae	Hyleoides zonalis		4
Hydrophilidae	Limnoxenus zealandicus	Water Scavenger Beetle	4
Buprestidae	Melobasis costipennis		4
Sphecidae	Sphex modestus		4
Stenotritidae	Stenotritus greavesi		4
Castniidae	Synemon leucospila		4
Asilidae	ASILIDAE	Robber Flies	3
Synthemistidae	Archaeosynthemis leachii	Twinspot Tigertail	3
Aeshnidae	Austroaeschna anacantha	Western Darner	3
Buprestidae	Castiarina aureola		3
Buprestidae	Castiarina mimesis		3
Asilidae	Cerdistus hudsoni		3
Coenagrionidae	Ischnura aurora	Aurora Bluetail	3
Morabidae	MORABIDAE		3
Buprestidae	Melobasis rubromarginata		3
Hesperiidae	Mesodina cyanophracta	Blue Iris-skipper	3
Tettigoniidae	Metaballus frontalis		3
Vespidae	Metaparagia maculata		3
Brachodidae	Miscera mesochrysa	Day-flying Moth	3
Buprestidae	Neocuris thoracica		3
Dytiscidae	Onychohydrus		3
Pompilidae	POMPILIDAE		3
Cicadidae	Physeema convergens		3

Dytiscidae	Rhantus suturalis	Diving Beetle	3
Formicidae	Rhytidoponera		3
Scarabaeidae	SCARABAEIDAE		3
Buprestidae	Temognatha		3
Colletidae	Trichocolletes		3
Bombyliidae	Villa		3
Aeshnidae	Adversaeschna brevistyla	Blue-spotted Hawker	2
Bombyliidae	Aleucosia maculosa	Bee Fly	2
Colletidae	Anthoglossa nigrocinctus		2
Mantidae	Archimantis		2
Coenagrionidae	Austroagrion cyane	South-western Billabongfly	2
Lestidae	Austrolestes annulosus	Blue Ringtail	2
Asilidae	Bathypogon		2
Bombyliidae	Bombyliini		2
Cixiidae	CIXIIDAE	Cixiid Planthoppers	2
Clastopteridae	CLASTOPTERIDAE		2
Buprestidae	Calotemognatha varicollis		2
Formicidae	Camponotus chalceus		2
Buprestidae	Castiarina aeraticollis		2
Buprestidae	Castiarina aquila		2
Buprestidae	Castiarina crocicolor		2
Buprestidae	Castiarina filiformis		2
Acrididae	Cedarinia		2
Bombyliidae	Choristus		2
Asilidae	Chrysopogon albopunctatus		2
Crabronidae	Clitemnestra guttatula		2
Formicidae	Crematogaster		2
Dytiscidae	DYTISCIDAE		2
Nymphalidae	Danaus plexippus	Wanderer	2
Colletidae	Dasyhesma scholtziae		2
Vespidae	Delta bicinctum	Wasp	2
Pentatomidae	Dictyotus caenosus	Brown Shield Bug	2
Scarabaeidae	Diphucephala		2
Buprestidae	Diphucrania stigmata		2
Bombyliidae	Dissodesma primogenitus		2
Acrididae	Goniaea vocans	Slender Gumleaf Grasshopper	2
	HYMENOPTERA	Wasps	2
Acrididae	Heteropternis obscurella		2
Histeridae	Hololepta (Hololepta) australica		2
Colletidae	Hylaeus (Euprosopoides) musgravei		2
Colletidae	Hylaeus (Macrohylaeus) alcyoneus	Species Of Yellowfaced Bee	2
Colletidae	Hylaeus (Planihylaeus) quadriceps	Plasterer Bee	2
Colletidae	Hylaeus (Prosopisteron) quadratus	Plasterer Bee	2
	LEPIDOPTERA	Butterflies	2
Libellulidae	LIBELLULIDAE	Skimmers	2
Dytiscidae	Lancetes lanceolatus	Diving Beetle	2
Halictidae	Lasioglossum (Chilalictus) castor		2
Halictidae	Lasioglossum (Chilalictus)		2
Halictidae	Lasioglossum (Parasphecodes) lichatum		2
Colletidae	Leioproctus (Exleycolletes) microdontus		2
Halictidae	Lipotriches (Austronomia)		2
Halictidae	Lipotriches		2
Acrididae	Macrotona		2
Megachilidae	Megachile (Schizomegachile) monstrosa	Bee	2
Megachilidae	Megachile apicata	Bee	2
Megachilidae	Megachile clypeata	Bee	2

Megachilidae	Megachile fultoni		2
Megachilidae	Megachile latericauda		2
Megachilidae	Megachile preissi		2
Megachilidae	Megachile semiluctuosa	Bee	2
Ascalaphidae	Megacmonotus magnus	Owlfly	2
Mydidae	Miltinus cinctus		2
Oecophoridae	Myrascia subductella		2
Formicidae	Myrmecia gratiosa		2
Lycaenidae	Neolucia agricola	Fringed Heath-blue	2
Carabidae	Notiobia (Anisotarsus) dampierii		2
Scarabaeidae	Onthophagus ferox	Western Dung Beetle	2
Pentatomidae	PENTATOMIDAE		2
Formicidae	Papyrius nitidus	Ant	2
Oecophoridae	Philobota		2
Dytiscidae	Platynectes (Platynectes) aenescens	Diving Beetle	2
Sarcophagidae	Protomiltogramma		2
Gasteruptiidae	Pseudofoenus		2
Crabronidae	Sericophorus relucens	Wasp	2
Miridae	Setocoris droserae		2
Buprestidae	Stigmodera gratiosa		2
Buprestidae	Stigmodera sanguinosa		2
Crabronidae	Tachysphex		2
Buprestidae	Temognatha chalcodera		2
Buprestidae	Temognatha reichei		2
Bombyliidae	Thraxan		2
Pentatomidae	Trachyops australis	Shield Bug	2
Nymphalidae	Vanessa kershawi	Australian Painted Lady	2
Tiphiidae	Zaspilothynnus gilesi		2
Tiphiidae	Zaspilothynnus		2
	ASILOIDEA	Bee Flies	1
	AUCHENORRHYNCHA		1
Tenebrionidae	Adelium		1
Culicidae	Aedes (Ochlerotatus) hesperonotius		1
Pentatomidae	Alcaeus hermannsburgi		1
Apidae	Amegilla (Zonamegilla)		1
Termitidae	Amitermes obeuntis		1
Termitidae	Amitermes procerus		1
Cerambycidae	Ancita		1
Elateridae	Anilicus		1
Apioceridae	Apiocera flabellata		1
Apioceridae	Apiocera pulchra		1
Erebidae	Ardices glatignyi		1
Cicadidae	Arenopsaltria fullo	Sandgrinder	1
Pentatomidae	Arniscus humeralis		1
Diaspididae	Aspidiotus		1
Buprestidae	Astraeus (Depollus) aberrans		1
Tiphiidae	Austromyzinum nubilipennis		1
Synthemistidae	Austrosynthemis cyanitincta	Turquoise Tigertail	1
Blattidae	BLATTIDAE		1
Bombyliidae	BOMBYLIIDAE	Bee Flies	1
Cercopidae	Bathyllus albicinctus	Froghopper	1
Crabronidae	Bembicinae		1
Crabronidae	Bembix littoralis	Wasp	1
Crabronidae	Bembix		1
Hydrophilidae	Berosus (Enoplurus) australiae	Water Scavenger Beetle	1
Bolboceratidae	Blackbolbus frontalis		1

Asilidae	Blepharotes		1
Chironomidae	CHIRONOMIDAE		1
Chrysididae	CHRYSIDIDAE		1
	CLEROIDEA		1
Coccidae	COCCIDAE		1
Crabronidae	CRABRONIDAE		1
Curculionidae	CURCULIONIDAE		1
Colletidae	Callohesma		1
Buprestidae	Calotemognatha yarelli elegans		1
Buprestidae	Calotemognatha yarelli yarelli		1
Buprestidae	Calotemognatha yarelli		1
Mantispidae	Campion australasiae		1
Formicidae	Camponotus nigriceps	Black-headed Sugar Ant	1
Formicidae	Camponotus terebrans	Brown Bearded Sugar Ant	1
Buprestidae	Castiarina amabilis		1
Buprestidae	Castiarina anchoralis		1
Buprestidae	Castiarina hostilis		1
Buprestidae	Castiarina parallela		1
Buprestidae	Castiarina subcincta		1
Buprestidae	Castiarina		1
Curculionidae	Catasarcus bilineatus		1
Curculionidae	Catasarcus nephelodes		1
Curculionidae	Catasarcus		1
Tachinidae	Chaetophthalmus		1
Nemopteridae	Chasmoptera huttii		1
Carabidae	Chlaenius (Pelasmomimus) greyanus		1
Chrysididae	Chrysis lincea		1
Chrysididae	Chrysis		1
Asilidae	Chrysopogon		1
Bombyliidae	Comptosia tendens		1
Acrididae	Coryphistes ruricola	Bark-mimicking Grasshopper	1
Chrysomelidae	Cryptocephalini		1
Lepismatidae	Ctenolepisma		1
Culicidae	Culex (Culex) annulirostris	Common Banded Mosquito	1
Diaspididae	DIASPIDIDAE	Diaspidids	1
Nymphalidae	Danaus petilia	Lesser Wanderer	1
Erebidae	Dasypodia selenophora	Granny Moth	1
Pieridae	Delias aganippe	Red-spotted Jezebel	1
Geometridae	Dichromodes denticulata		1
Pentatomidae	Dictyotus conspicuus	Shield Bug	1
Buprestidae	Diphucrania notulata		1
Buprestidae	Diphucrania viridiceps		1
Buprestidae	Diphucrania viridipurpurea		1
Bombyliidae	Dissodesma		1
Blattidae	Drymaplaneta semivitta	Gisborne Cockroach	1
Cleridae	Eleale aulicodes		1
Cleridae	Eleale		1
Geometridae	Epidesmiinae		1
Dytiscidae	Eretes australis	Diving Beetle	1
Buprestidae	Ethonion breve		1
Buprestidae	Ethonion roei		1
Vespidae	Eumeninae		1
Syrphidae	Eumerus obliquus		1
Gryllidae	Eurepa marginipennis		1
Mutillidae	Eurymutilla		1
Buprestidae	Euryspilus		1

Gasteruptiidae	GASTERUPTIIDAE		1
Gelastocoridae	GELASTOCORIDAE		1
Gasteruptiidae	Gasteruption breviscutum		1
Erebidae	Grammodes ocellata	Owlet Moth	1
Amorphoscelidae	Gyromantis kraussi		1
Pentatomidae	Halyini		1
Crambidae	Hednota odontoides		1
Crambidae	Hednota recurvellus		1
Tenebrionidae	Helea perforata		1
Muscidae	Helina		1
Rhinotermitidae	Heterotermes intermedius		1
Coccinellidae	Hippodamia variegata	Spotted Amber Ladybird	1
Hydrophilidae	Hydrophilus (Hydrophilus) albipes	Water Scavenger Beetle	1
Colletidae	Hylaeus (Euprosopoides) ruficeps kalamundae		1
	INSECTA	Insects	1
Geometridae	Idaea philocosma	Geometer Moth	1
Formicidae	Iridomyrmex		1
Kalotermitidae	Kalotermes aemulus		1
Pentatomidae	Kapunda		1
Asilidae	Laphriinae		1
Halictidae	Lasioglossum (Chilalictus) chapmani	Sweat Bee	1
Halictidae	Lasioglossum (Chilalictus) plebeium		1
Halictidae	Lasioglossum (Chilalictus) vitripenne	Sweat Bee	1
Colletidae	Leioproctus (Leioproctus)		1
Erebidae	Leptocneria reducta	Moth	1
Noctuidae	Leucania diatrecta	Dark-barred Wainscot	1
Calliphoridae	Lucilia sericata	Green Blowfly	1
Miridae	MIRIDAE		1
Mantidae	Mantis octospilota	Blackbarred Mantid	1
Asilidae	Mauropteron pelago	Robber Fly	1
Megachilidae	Megachile (Hackeriapis) tosticauda	Bee	1
Dytiscidae	Megaporus howittii	Diving Beetle	1
Syrphidae	Melangyna		1
Buprestidae	Melobasis cuprifera		1
Buprestidae	Melobasis gloriosa		1
Buprestidae	Melobasis uniformis		1
Buprestidae	Melobasis vittata		1
Buprestidae	Melobasis		1
Formicidae	Melophorus		1
Tortricidae	Merophyas divulsana		1
Rhiniidae	Metallea incisuralis	Blow Fly	1
Acrididae	Micreola		1
Termitidae	Microcerotermes serratus		1
Coreidae	Mictis profana	Crusader Bug	1
Sarcophagidae	Miltogramma		1
Sarcophagidae	Miltogramminae		1
Brachodidae	Miscera		1
Morabidae	Morabinae	Matchstick Grasshoppers	1
Bombyliidae	Munjua paralutea		1
Formicidae	Myrmecia clarki		1
Formicidae	Myrmecia swalei		1
Formicidae	Myrmecia		1
Lycaenidae	Nacaduba biocellata	Two-spotted Line-blue	1
Dytiscidae	Necterosoma darwini	Diving Beetle	1
Asilidae	Neoscleropogon		1
Ichneumonidae	Netelia		1

Oecophoridae	OECOPHORIDAE		1
Termitidae	Occasitermes occasus		1
Stratiomyidae	Odontomyia		1
Lycaenidae	Ogyris amaryllis meridionalis	Satin Azure (inland Subspecies)	1
Elateridae	Oophorini		1
Mantidae	Orthodera ministralis	Green Mantid	1
Curculionidae	Orthorhinus		1
Pipunculidae	PIPUNCULIDAE	Big-headed Flies	1
Tettigoniidae	Pachysaga australis		1
Vespidae	Paralastor		1
Acrididae	Peakesia brunnea		1
Tettigoniidae	Phasmodes ranatriformis		1
Formicidae	Pheidole variabilis	Ant	1
Philotarsidae	Philotarsopsis guttata		1
Cleridae	Phlogistus agraphus		1
Cerambycidae	Phoracantha acanthocera		1
Vespidae	Polistes (Polistella) humilis	Common Paper Wasp	1
Vespidae	Polistes		1
Curculionidae	Polyphrades		1
Lycidae	Porrostoma rhipidium	Long-nosed Lycid Beetle	1
Morabidae	Prorifera spanner		1
Pentatomidae	Pseudapines geminata	Pittosporum Bug	1
Pergidae	Pseudoperga		1
Psychopsidae	Psychopsis mimica		1
Scoliidae	Radumeris tasmaniensis	Parasitoid Wasp	1
Tettigoniidae	Requena verticalis		1
Rhipiceridae	Rhipicera		1
Formicidae	Rhytidoponera punctata		1
	SCARABAEOIDEA		1
Scoliidae	SCOLIIDAE		1
Sepsidae	SEPSIDAE		1
Carabidae	Scaraphites silenus		1
Scoliidae	Scolia		1
Cleridae	Scrobiger splendidus		1
Crabronidae	Sericophorus viridis	Wasp	1
Miridae	Setocoris		1
Syrphidae	Simosyrphus grandicornis	Hoverfly	1
Curculionidae	Siraton roei		1
Sphecidae	Sphex caelebs		1
Sphecidae	Sphex fumipennis		1
Sphecidae	Sphex luctuosus	Wasp	1
Noctuidae	Spodoptera		1
Morabidae	Swanea laticornis		1
Curculionidae	Syarbis posthumeralis		1
Tenebrionidae	TENEBRIONIDAE		1
	TEPHRITOIDEA		1
	TIPULOMORPHA		1
Buprestidae	Temognatha bruckii		1
Buprestidae	Temognatha flavocincta	Jewel Beetle	1
Buprestidae	Temognatha obscuripennis		1
Thripidae	Thrips imaginis	Plague Thrips	1
Tiphiidae	Tmesothynnus zelebori		1
Libellulidae	Tramea stenoloba	Narrow-lobed Glider	1
Trigonidiidae	Trigonidium		1
Pompilidae	Turneromyia senex	Spider Wasp	1
Pompilidae	Turneromyia		1

Bombyliidae	Wurda norrisi	Bee Fly	1
Coenagrionidae	Xanthagrion erythroneurum	Red & Blue Damsel	1
Lycaenidae	Zizina otis labradus	Common Grass-blue	1

Lifeform - Mammals

Number of Mammals **9**

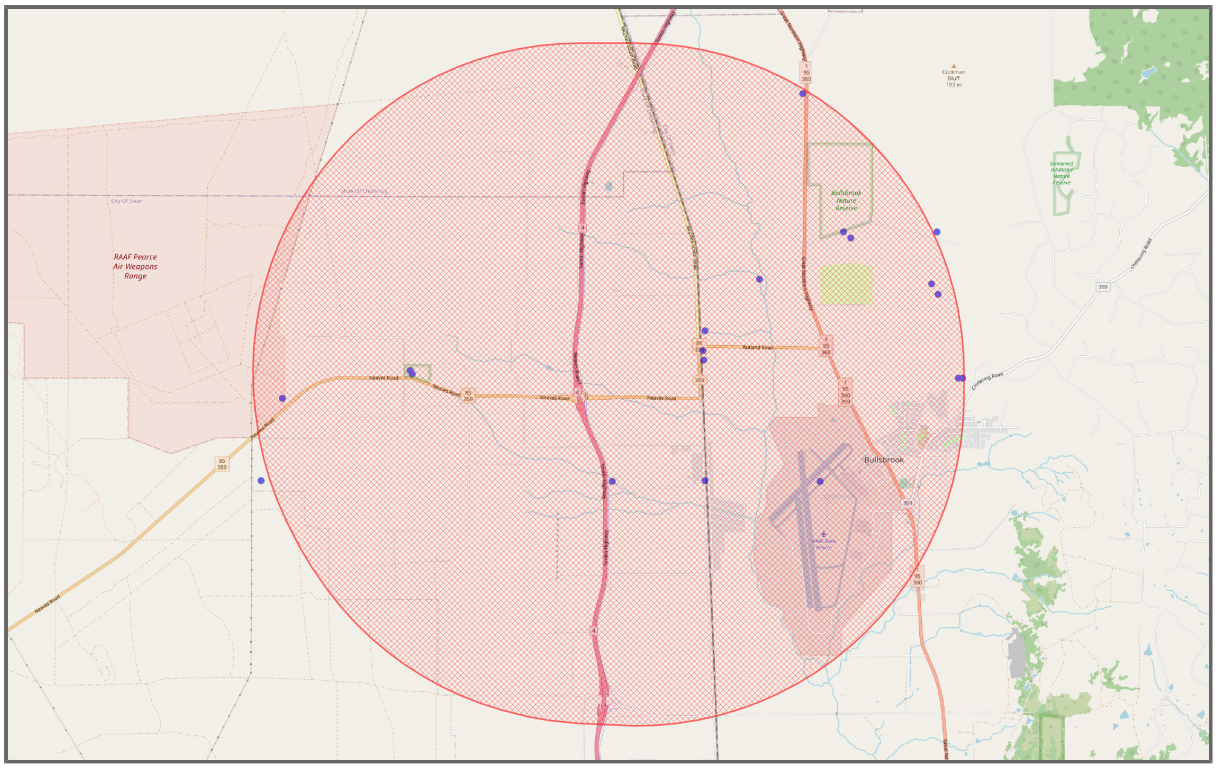


Figure 26 : Map of Lifeform - Mammals

Table 26: Lifeform - Mammals (Link to full list)

Family	*Scientific Name*	Common Name	No. Occurrences
Canidae	Vulpes vulpes	Fox	7
Macropodidae	Macropus fuliginosus	Western Grey Kangaroo	4
Tarsipedidae	Tarsipes rostratus	Honey Possum	4
Macropodidae	Macropus fuliginosus melanops	[black-faced Kangaroo]	1
Muridae	Mus musculus	House Mouse	1
Leporidae	Oryctolagus cuniculus	Rabbit	1
Muridae	Rattus rattus	Black Rat	1
Tachyglossidae	Tachyglossus aculeatus acanthion		1
Vespertilionidae	Vespadelus regulus	Southern Forest Bat	1

Lifeform - Molluscs

Number of Molluscs **2**

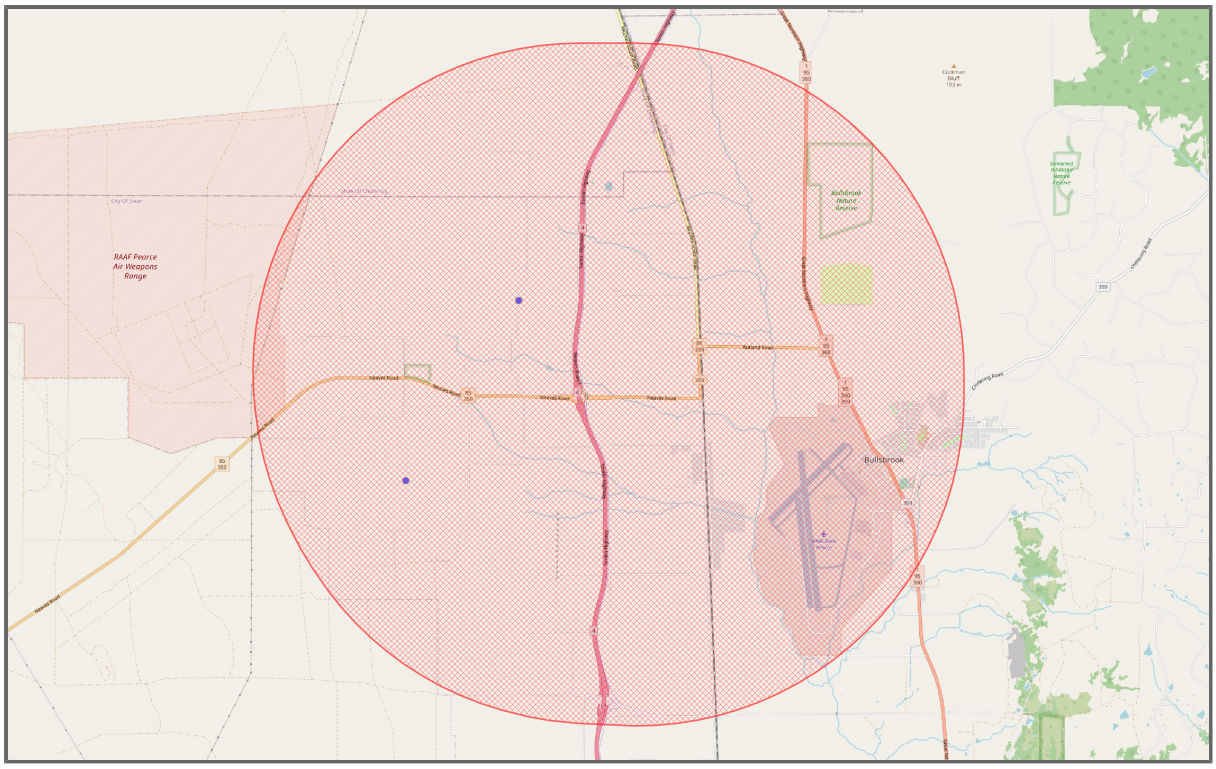


Figure 27 : Map of Lifeform - Molluscs

Table 27: Lifeform - Molluscs (Link to full list)

Family	*Scientific Name*	Common Name	No. Occurrences
Helicidae	Cornu apertus	Green Snail	1
Lymnaeidae	LYMNAEIDAE		1

Lifeform - Monocots

Number of Monocots **266**

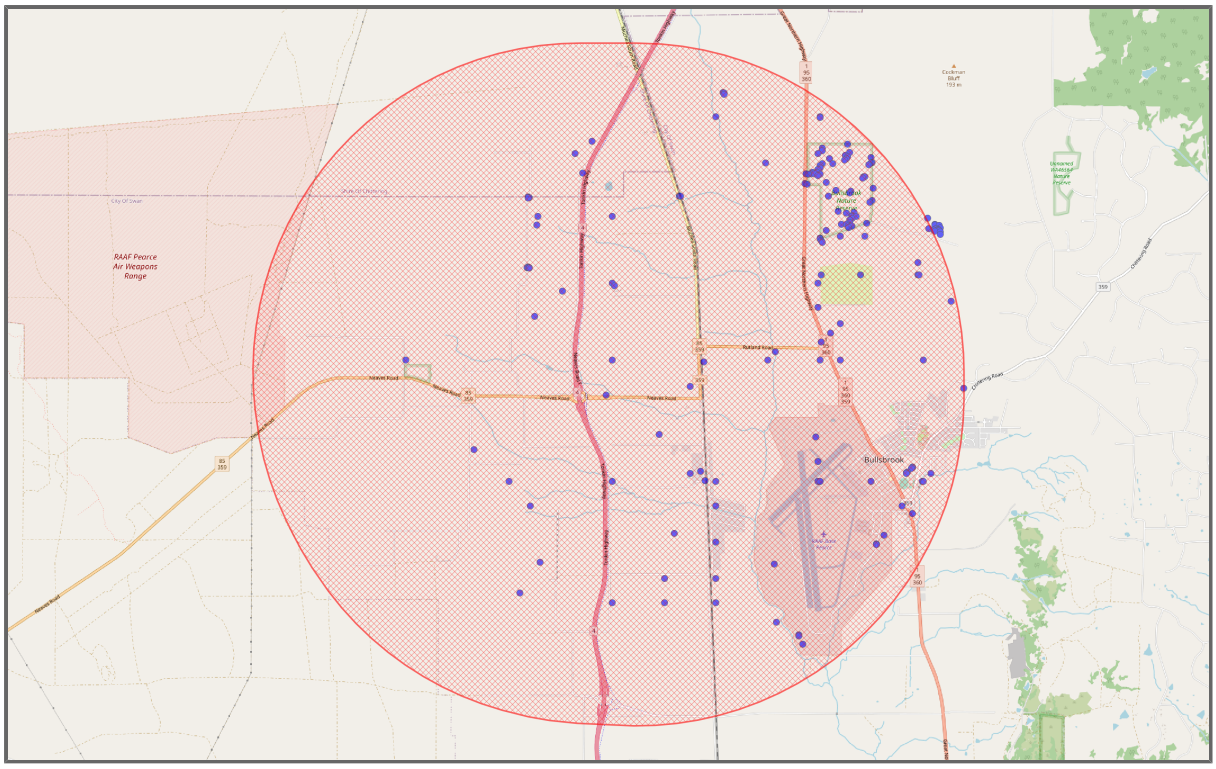


Figure 28 : Map of Lifeform - Monocots

Table 28: Lifeform - Monocots (Link to full list)

Family	*Scientific Name*	Common Name	No. Occurrences
Poaceae	Briza maxima	Large Quaking-grass	23
Restionaceae	Dielsia stenostachya		19
Asparagaceae	Thysanotus manglesianus	Fringed Lily	19
Asparagaceae	Sowerbaea laxiflora	Vanilla Lily	17
Restionaceae	Chaetanthus aristatus	Bearded Twinerush	16
Xanthorrhoeaceae	Xanthorrhoea preissii	Grasstree	16
Poaceae	Amphipogon turbinatus		15
Poaceae	Austrostipa compressa		14
Poaceae	Briza minor	Lesser Quaking-grass	14
Poaceae	Neurachne alopecuroidea	Fox-tail Mulga-grass	14
Restionaceae	Desmocladus flexuosus		13
Asparagaceae	Laxmannia squarrosa	Paper Lily	13
Cyperaceae	Mesomelaena pseudostygia	Semaphore Sedge	13
Restionaceae	Hypolaena exsulca		12
Poaceae	Aira caryophyllea	Silvery Hairgrass	11
Centrolepidaceae	Aphelia cyperoides		11
Centrolepidaceae	Centrolepis aristata	Pointed Centrolepis	11
Iridaceae	Gladiolus caryophyllaceus	Wild Gladiolus	11
Cyperaceae	Isolepis cernua	Nodding Club Rush	11
Cyperaceae	Lepidosperma	Swordsedges	11
Restionaceae	Leptocarpus canus	Hoary Twine-rush	11
Cyperaceae	Mesomelaena tetragona	Semaphore Sedge	11
Iridaceae	Patersonia occidentalis	Long Purple-flag	11
Colchicaceae	Burchardia congesta	Milkmaids	10
Iridaceae	Hesperantha falcata	Hesperantha	10

Poaceae	Rytidosperma occidentale	Western Wallaby Grass	10
Hemerocallidaceae	Caesia micrantha	Pale Grass Lily	9
Cyperaceae	Caustis dioica		9
Cyperaceae	Lepidosperma squamatum		9
Poaceae	Polypogon monspeliensis	Annual Beardgrass	9
Cyperaceae	Tetraria octandra		9
Restionaceae	Alexgeorgea nitens		8
Haemodoraceae	Anigozanthos humilis subsp. humilis	Catspaw	8
Colchicaceae	Burchardia umbellata	Milkmaids	8
Centrolepidaceae	Centrolepis drummondiana	Drummond's Centrolepis	8
Dasypogonaceae	Dasypogon bromeliifolius	Pineapple Bush	8
Poaceae	Vulpia myuros	Fescue	8
Orchidaceae	Caladenia flava	Cowslip Orchid	7
Haemodoraceae	Conostylis aculeata	Prickly Conostylis	7
Haemodoraceae	Conostylis setigera subsp. setigera	Bristly Cottonhead	7
Haemodoraceae	Haemodorum simplex		7
Cyperaceae	Lepidosperma longitudinale	Pithy Sword-sedge	7
Anarthriaceae	Lyginia barbata		7
Poaceae	Pentameris pallida	Pussy Tail	7
Poaceae	Poa drummondiana	Knotted Poa	7
Asparagaceae	Thysanotus sparteus	Leafless Fringed Lily	7
Haemodoraceae	Tribonanthes australis	Southern Tiurndin	7
Juncaginaceae	Triglochin muelleri		7
Poaceae	Austrostipa semibarbata	Fibrous Spear-grass	6
Boryaceae	Borya sphaerocephala	Pincushions	6
Colchicaceae	Burchardia multiflora	Lesser Burchardia	6
Cyperaceae	Cyathochaeta avenacea		6
Poaceae	Digitaria sanguinalis	Summer Grass	6
Haemodoraceae	Haemodorum discolor	Bloodroot	6
Cyperaceae	Isolepis levynsiana	Tiny Flat-sedge	6
Cyperaceae	Lepidosperma angustatum		6
Asparagaceae	Lomandra hermaphrodita		6
Asparagaceae	Lomandra suaveolens		6
Iridaceae	Moraea flaccida	One-leaf Cape Tulip	6
Philydraceae	Philydrella pygmaea subsp. pygmaea		6
Orchidaceae	Pterostylis vittata	Banded Greenhood	6
Hemerocallidaceae	Tricoryne elatior	Yellow Rush Lily	6
Juncaginaceae	Triglochin calcitrapa	Spurred Arrowgrass	6
Haemodoraceae	Anigozanthos humilis	Common Catspaw	5
Haemodoraceae	Conostylis setigera	Bristly Cottonhead	5
Orchidaceae	Cyanicula gemmata	Blue China Orchid	5
Juncaceae	Juncus bufonius	Toad Rush	5
Cyperaceae	Schoenus nanus	Little Bog-rush	5
Cyperaceae	Schoenus rigens		5
Anarthriaceae	Anarthria laevis		4
Haemodoraceae	Anigozanthos viridis	Green Kangaroo Paw	4
Poaceae	Austrostipa campylachne		4
Cyperaceae	Bolboschoenus caldwellii	Salt Club-sedge	4
Colchicaceae	Burchardia bairdiae		4
Orchidaceae	Caladenia flava subsp. flava	Cowslip Orchid	4
Orchidaceae	Caladenia longicauda	White Spider Orchid	4
Dasypogonaceae	Calectasia narragara	Star Of Bethlehem	4
Asparagaceae	Dichopogon preissii	Nodding Chocolate Lily	4
Orchidaceae	Diuris magnifica	Pansy Orchid	4
Haemodoraceae	Haemodorum laxum	Bloodroot	4
Restionaceae	Lepidobolus preissianus		4

Orchidaceae	Leporella fimbriata	Fringed Hare-orchid	4
Asparagaceae	Lomandra caespitosa	Tufted Mat-rush	4
Cyperaceae	Machaerina juncea	Bare Twig-rush	4
Iridaceae	Patersonia juncea	Rush Leaved Patersonia	4
Philydraceae	Philydrella pygmaea	Lesser Butterfly Flowers	4
Haemodoraceae	Phlebocarya ciliata		4
Poaceae	Polypogon tenellus		4
Restionaceae	Restionaceae	Rush	4
Cyperaceae	Schoenus humilis		4
Cyperaceae	Schoenus plumosus		4
Hemerocallidaceae	Stypandra glauca	Nodding Grass-lily	4
Asparagaceae	Thysanotus arbuscula		4
Asparagaceae	Thysanotus patersonii	Twining Fringe-lily	4
Colchicaceae	Wurmbea dioica subsp. alba		4
Haemodoraceae	Anigozanthos manglesii	Red And Green Kangaroo Paw	3
Haemodoraceae	Anigozanthos viridis subsp. viridis		3
Colchicaceae	Baeometra uniflora	Baeometra	3
Centrolepidaceae	Centrolepis polygyna	Wiry Centrolepis	3
Asparagaceae	Chamaescilla corymbosa var. corymbosa	Blue Stars	3
Asparagaceae	Chamaescilla corymbosa	Blue Stars	3
Haemodoraceae	Conostylis aculeata subsp. aculeata		3
Haemodoraceae	Conostylis aurea		3
Haemodoraceae	Conostylis juncea		3
Hemerocallidaceae	Dianella revoluta var. divaricata	Broad-leaf Flax-lily	3
Poaceae	Digitaria ciliaris	Summer Grass	3
Haemodoraceae	Haemodorum spicatum	Bohn	3
Cyperaceae	Isolepis marginata	Little Club-rush	3
Hemerocallidaceae	Johnsonia pubescens subsp. pubescens		3
Juncaceae	Juncus capitatus	Dwarf Rush	3
Juncaceae	Juncus subsecundus	Finger Rush	3
Cyperaceae	Lepidosperma tenue		3
Anarthriaceae	Lyginia imberbis		3
Iridaceae	Moraea miniata	Two-leaf Cape Tulip	3
Poaceae	Pentameris airoides	False Hairgrass	3
Iridaceae	Romulea rosea	Onion Grass	3
Cyperaceae	Schoenus unispiculatus		3
Cyperaceae	Schoenus		3
Orchidaceae	Thelymitra crinita	Blue Lady Orchid	3
Orchidaceae	Thelymitra vulgaris	Slender Sun Orchid	3
Asparagaceae	Thysanotus triandrus	Three-stamened Fringe Lily	3
Haemodoraceae	Tribonanthes longipetala	Branching Tiurndin	3
Juncaginaceae	Triglochin mucronata	Prickly Arrowgrass	3
Juncaginaceae	Triglochin	Lilaea	3
Poaceae	Vulpia	Fescue	3
Hemerocallidaceae	Agrostocrinum hirsutum	Grass Lily	2
Hemerocallidaceae	Agrostocrinum scabrum subsp. scabrum		2
Poaceae	Aristida	Wind-grass	2
Hemerocallidaceae	Arnocrinum preissii		2
Poaceae	Austrostipa mollis	Soft Speargrass	2
Poaceae	Avena barbata	Bearded Oats	2
Orchidaceae	Caladenia discoidea	Dancing Spider Orchid	2
Orchidaceae	Caladenia paludosa	Swamp Spider Orchid	2
Centrolepidaceae	Centrolepidaceae	Rush	2
Centrolepidaceae	Centrolepis inconspicua		2
Centrolepidaceae	Centrolepis mutica		2
Centrolepidaceae	Centrolepis pilosa		2

Asparagaceae	Chamaescilla versicolor		2
Asparagaceae	Chamaexeros macranthera		2
Haemodoraceae	Conostylis caricina		2
Juncaginaceae	Cycnogeton lineare		2
Cyperaceae	Cyperus congestus	Dense Flat-sedge	2
Cyperaceae	Cyperus polystachyos	Bunchy Flat-sedge	2
Restionaceae	Desmocladus lateriflorus		2
Hemerocallidaceae	Dianella revoluta	Blueberry Lily	2
Poaceae	Digitaria aequiglumis	Argentinian Crabgrass	2
Poaceae	Ehrharta calycina	Perennial Veldt-grass	2
Poaceae	Eleusine indica	Crowsfoot Grass	2
Poaceae	Hordeum marinum	Sea Barley-grass	2
Cyperaceae	Isolepis hystrix	Awned Club-rush	2
Cyperaceae	Isolepis oldfieldiana		2
Juncaceae	Juncus holoschoenus	Joint-leaf Rush	2
Juncaceae	Juncus pallidus	Pale Rush	2
Poaceae	Lachnagrostis filiformis	Common Blown-grass	2
Asparagaceae	Laxmannia ramosa subsp. ramosa	Branching Lily	2
Asparagaceae	Laxmannia sessiliflora subsp. australis		2
Asparagaceae	Laxmannia sessiliflora	Nodding Lily	2
Poaceae	Lolium rigidum	Wimmera Ryegrass	2
Asparagaceae	Lomandra micrantha subsp. micrantha	Small-flower Mat-rush	2
Asparagaceae	Lomandra preissii	Preiss' Mat Rush	2
Asparagaceae	Lomandra sericea	Silky Mat Rush	2
Cyperaceae	Machaerina rubiginosa	Baumea	2
Haemodoraceae	Macropidia fuliginosa	Black Kangaroo Paw	2
Poaceae	Microlaena stipoides	Weeping Grass	2
Iridaceae	Patersonia occidentalis var. angustifolia		2
Haemodoraceae	Phlebocarya filifolia		2
Poaceae	Poa homomalla		2
Orchidaceae	Pterostylis recurva	Recurved Shell Orchid	2
Iridaceae	Romulea rosea var. australis	Guilford Grass	2
Cyperaceae	Schoenus clandestinus		2
Cyperaceae	Schoenus curvifolius		2
Cyperaceae	Schoenus discifer	Tiny Bog-rush	2
Cyperaceae	Schoenus elegans		2
Cyperaceae	Schoenus maschalinus	Leafy Bog-rush	2
Cyperaceae	Schoenus odontocarpus		2
Poaceae	Sporobolus virginicus	Marine Couch	2
Orchidaceae	Thelymitra flexuosa	Twisted Sun-orchid	2
Asparagaceae	Thysanotus multiflorus	Many-flowered Fringe	2
Juncaginaceae	Triglochin stowardii		2
Juncaginaceae	Triglochin trichophora	Torpedo Arrowgrass	2
Xanthorrhoeaceae	Xanthorrhoea drummondii		2
Araceae	Zantedeschia aethiopica	White Arum Lily	2
Asparagaceae	Acanthocarpus canaliculatus		1
Hemerocallidaceae	Agrostocrinum scabrum	Blue Grass Lily	1
Poaceae	Amphibromus nervosus	Swamp Wallaby Grass	1
Poaceae	Amphipogon laguroides subsp. laguroides		1
Haemodoraceae	Anigozanthos bicolor subsp. bicolor		1
Haemodoraceae	Anigozanthos manglesii subsp. quadrans		1
Haemodoraceae	Anigozanthos viridis subsp. Cataby (S.D.Hopper 1786)		1
Poaceae	Aristida holathera var. holathera	Tall Kerosene Grass	1
Poaceae	Aristida holathera	Erect Kerosene Grass	1
Poaceae	Avellinia festucoides	Avellinia	1
Poaceae	Bromus diandrus	Great Brome	1

Hemerocallidaceae	Caesia		1
Orchidaceae	Caladenia vulgata	Spider Orchid	1
Commelinaceae	Cartonema philydroides		1
Centrolepidaceae	Centrolepis alepyroides		1
Centrolepidaceae	Centrolepis caespitosa		1
Centrolepidaceae	Centrolepis glabra	Smooth Centrolepis	1
Centrolepidaceae	Centrolepis humillima	Dwarf Centrolepis	1
Centrolepidaceae	Centrolepis	Bristlewort	1
Poaceae	Chloris gayana	Rhodes Grass	1
Restionaceae	Chordifex microcodon		1
Restionaceae	Chordifex sinuosus		1
Cyperaceae	Chorizandra enodis	Black Bristle-sedge	1
Haemodoraceae	Conostylis aculeata subsp. bromelioides		1
Haemodoraceae	Conostylis aculeata subsp. cygnorum		1
Haemodoraceae	Conostylis caricina subsp. caricina		1
Haemodoraceae	Conostylis setosa	White Cottonhead	1
Hemerocallidaceae	Corynotheca micrantha var. elongata		1
Poaceae	Cymbopogon ambiguus	Lemon Grass	1
Cyperaceae	Cyperus tenuiflorus	Scaly Sedge	1
Dioscoreaceae	Dioscorea hastifolia	Warrine	1
Orchidaceae	Diuris corymbosa	Common Donkey Orchid	1
Orchidaceae	Diuris laxiflora	Bee Orchid	1
Orchidaceae	Diuris longifolia	Common Donkey Orchid	1
Orchidaceae	Diuris	Donkey Orchids	1
Poaceae	Ehrharta pusilla		1
Cyperaceae	Eleocharis	Spike-rush	1
Poaceae	Eragrostis curvula	African Love-grass	1
Poaceae	Eragrostis elongata	Lovegrass	1
Cyperaceae	Ficinia nodosa	Knobby Club-rush	1
Haemodoraceae	Haemodorum sparsiflorum	Mardja	1
Haemodoraceae	Haemodorum venosum		1
Poaceae	Hemarthria uncinata var. uncinata	Mat Grass	1
Poaceae	Holcus lanatus	Yorkshire Fog	1
Restionaceae	Hypolaena		1
Iridaceae	Iridaceae	Iris	1
Cyperaceae	Isolepis cyperoides		1
Cyperaceae	Isolepis		1
Hemerocallidaceae	Johnsonia pubescens	Pipe Lily	1
Juncaceae	Juncus planifolius	Broad-leaf Rush	1
Asparagaceae	Laxmannia grandiflora subsp. grandiflora		1
Asparagaceae	Laxmannia ramosa		1
Araceae	Lemna disperma	Common Duckweed	1
Restionaceae	Leptocarpus roycei		1
Asparagaceae	Lomandra micrantha	Small-flower Mat-rush	1
Asparagaceae	Lomandra	Mat Rushes	1
Cyperaceae	Machaerina arthrophylla	Baumea	1
Orchidaceae	Microtis atrata	Yellow Onion-orchid	1
Orchidaceae	Microtis brownii	Sweet Mignonette Orchid	1
Orchidaceae	Microtis media subsp. densiflora	Dense Mignonette Orchid	1
Orchidaceae	Microtis media subsp. media	Common Mignonette Orchid	1
Poaceae	Parapholis incurva	Curly Ryegrass	1
Iridaceae	Patersonia occidentalis var. occidentalis	Long Purple-flag	1
Poaceae	Pentameris	Pentameris	1
Poaceae	Poa annua	Annual Meadow-grass	1
Poaceae	Poa poiformis	Coast Tussock-grass	1
Orchidaceae	Prasophyllum elatum	Tall Leek-orchid	1

Orchidaceae	Prasophyllum fimbria	Fringed Leek Orchid	1
Orchidaceae	Pyrorchis nigricans	Black Fire-orchid	1
Restionaceae	Restio	Mountain Cord Rush	1
Iridaceae	Romulea	Onion-grass	1
Poaceae	Rytidosperma		1
Cyperaceae	Schoenus asperocarpus	Poison Sedge	1
Cyperaceae	Schoenus sculptus	Gimlet Bog-rush	1
Cyperaceae	Schoenus tenellus		1
Orchidaceae	Thelymitra pauciflora	Slender Sun Orchid	1
Asparagaceae	Thysanotus tenellus	Grassy Fringe-lily	1
Asparagaceae	Thysanotus thyrsoideus		1
Hemerocallidaceae	Tricoryne humilis		1
Hemerocallidaceae	Tricoryne tenella	Tufted Yellow Rush-lily	1
Typhaceae	Typha orientalis	Bullrush	1
Poaceae	Vulpia bromoides	Squirrel-tail Fescue	1
Iridaceae	Watsonia meriana var. meriana	Bulbil Watsonia	1
Colchicaceae	Wurmbea		1

Lifeform - Plants

Number of Plants **755**

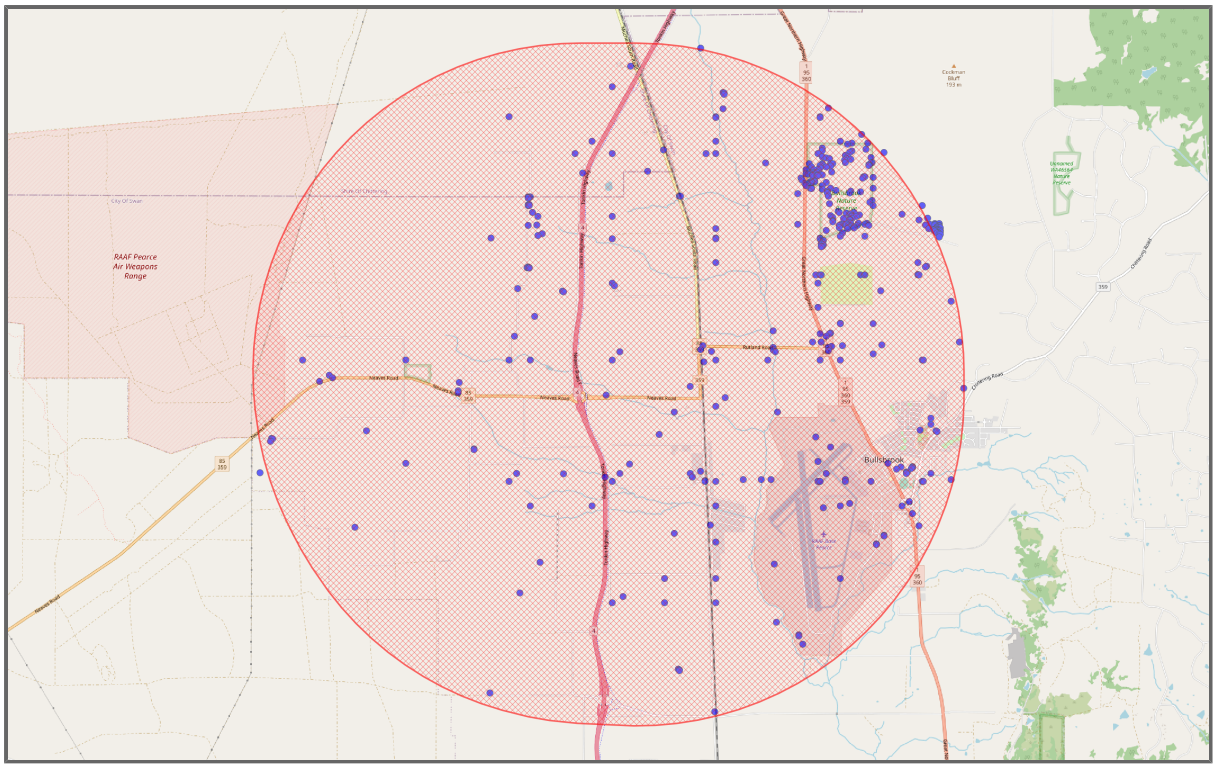


Figure 29 : Map of Lifeform - Plants

Table 29: Lifeform - Plants (Link to full list)

Family	*Scientific Name*	Common Name	No. Occurrences
Poaceae	Briza maxima	Large Quaking-grass	23
Asteraceae	Ursinia anthemoides	Ursinia	23
Droseraceae	Drosera menziesii	Pink Rainbow	20
Cupressaceae	Callitris pyramidalis	Swamp Cypress	19
Restionaceae	Dielsia stenostachya		19
Droseraceae	Drosera erythrorhiza	Red Ink Sundew	19
Rutaceae	Philotheca spicata	Pepper And Salt	19
Asparagaceae	Thysanotus manglesianus	Fringed Lily	19
Asteraceae	Hypochaeris glabra	Smooth Cat's Ear	17
Asparagaceae	Sowerbaea laxiflora	Vanilla Lily	17
Araliaceae	Trachymene pilosa	Dwarf Trachymene	17
Restionaceae	Chaetanthus aristatus	Bearded Twinerush	16
Dilleniaceae	Hibbertia hypericoides	Yellow Buttercups	16
Myrtaceae	Hypocalymma angustifolium	White Myrtle	16
Xanthorrhoeaceae	Xanthorrhoea preissii	Grasstree	16
Poaceae	Amphipogon turbinatus		15
Fabaceae	Bossiaea eriocarpa	Common Brown Pea	15
Stylidiaceae	Stylidium inundatum	Hundreds And Thousands	15
Poaceae	Austrostipa compressa		14
Poaceae	Briza minor	Lesser Quaking-grass	14
Myrtaceae	Calothamnus sanguineus	Silky-leaved Bloodflower	14
Poaceae	Neurachne alopecuroidea	Fox-tail Mulga-grass	14
Proteaceae	Petrophile linearis	Pixie Mops	14
Asteraceae	Pogonolepis stricta		14
Restionaceae	Desmocladus flexuosus		13

Asparagaceae	Laxmannia squarrosa	Paper Lily	13
Cyperaceae	Mesomelaena pseudostygia	Semaphore Sedge	13
Asteraceae	Siloxerus humifusus	Procumbent Siloxerus	13
Restionaceae	Hypolaena exsulca		12
Myrtaceae	Melaleuca ryeae		12
Goodeniaceae	Scaevola canescens	Grey Scaevola	12
Stylidiaceae	Stylidium brunonianum	Pink Fountain Triggerplant	12
Fabaceae	Acacia pulchella	Prickly Moses	11
Poaceae	Aira caryophyllea	Silvery Hairgrass	11
Centrolepidaceae	Aphelia cyperoides		11
Asteraceae	Brachyscome iberidifolia	Brachyscome	11
Centrolepidaceae	Centrolepis aristata	Pointed Centrolepis	11
Asteraceae	Cotula coronopifolia	Water Buttons	11
Iridaceae	Gladiolus caryophyllaceus	Wild Gladiolus	11
Proteaceae	Grevillea obtusifolia		11
Proteaceae	Grevillea pilulifera	Woolly-flowered Grevillea	11
Cyperaceae	Isolepis cernua	Nodding Club Rush	11
Cyperaceae	Lepidosperma	Swordsedges	11
Restionaceae	Leptocarpus canus	Hoary Twine-rush	11
Cyperaceae	Mesomelaena tetragona	Semaphore Sedge	11
Iridaceae	Patersonia occidentalis	Long Purple-flag	11
Stylidiaceae	Stylidium dichotomum	Pins And Needles	11
Proteaceae	Banksia dallanneyi		10
Colchicaceae	Burchardia congesta	Milkmaids	10
Ericaceae	Conostephium pendulum	Pearl Flower	10
Goodeniaceae	Dampiera linearis	Wedge-leaved Dampiera	10
Fabaceae	Gompholobium tomentosum	Hairy Yellow Pea	10
Iridaceae	Hesperantha falcata	Hesperantha	10
Poaceae	Rytidosperma occidentale	Western Wallaby Grass	10
Stylidiaceae	Stylidium piliferum	Common Butterfly Triggerplant	10
Stylidiaceae	Stylidium utricularioides	Pink Fan Triggerplant	10
Casuarinaceae	Allocasuarina humilis	Dwarf Sheoak	9
Hemerocallidaceae	Caesia micrantha	Pale Grass Lily	9
Cyperaceae	Caustis dioica		9
Goodeniaceae	Dampiera coronata	Wedge-leaved Dampiera	9
Fabaceae	Daviesia physodes		9
Droseraceae	Drosera helodes		9
Droseraceae	Drosera minutiflora		9
Apiaceae	Eryngium pinnatifidum	Blue Devils	9
Myrtaceae	Eucalyptus todtiana	Blackbutt	9
Fabaceae	Gastrolobium capitatum	Bacon And Eggs	9
Fabaceae	Gompholobium marginatum		9
Lamiaceae	Hemiandra pungens	Snakebush	9
Cyperaceae	Lepidosperma squamatum		9
Stylidiaceae	Levenhookia stipitata	Common Stylewort	9
Poaceae	Polypogon monspeliensis	Annual Beardgrass	9
Stylidiaceae	Stylidium calcaratum	Spurred Trigger-plant	9
Stylidiaceae	Stylidium purpureum	Purple Fountain Triggerplant	9
Cyperaceae	Tetraria octandra		9
Myrtaceae	Verticordia densiflora	Compacted Featherflower	9
Fabaceae	Acacia saligna	Golden Wreath Wattle	8
Restionaceae	Alexgeorgea nitens		8
Haemodoraceae	Anigozanthos humilis subsp. humilis	Catspaw	8
Colchicaceae	Burchardia umbellata	Milkmaids	8
Myrtaceae	Calytrix variabilis		8
Lauraceae	Cassytha racemosa	Dodder Laurel	8

Centrolepidaceae	Centrolepis drummondiana	Drummond's Centrolepis	8
Dasypogonaceae	Dasypogon bromeliifolius	Pineapple Bush	8
Fabaceae	Daviesia triflora		8
Droseraceae	Drosera nitidula	Shining Sundew	8
Goodeniaceae	Goodenia micrantha		8
Dilleniaceae	Hibbertia acerosa	Needle Leaved Guinea Flower	8
Dilleniaceae	Hibbertia huegelii		8
Proteaceae	Isopogon asper		8
Fabaceae	Jacksonia floribunda		8
Myrtaceae	Melaleuca viminea	Mohan	8
Thymelaeaceae	Pimelea imbricata var. piligera		8
Stylidiaceae	Stylidium repens	Matted Triggerplant	8
Poaceae	Vulpia myuros	Fescue	8
Fabaceae	Acacia willdenowiana	Grass Wattle	7
Proteaceae	Banksia menziesii	Firewood Banksia	7
Proteaceae	Banksia nivea		7
Orchidaceae	Caladenia flava	Cowslip Orchid	7
Myrtaceae	Calytrix angulata	Yellow Starflower	7
Haemodoraceae	Conostylis aculeata	Prickly Conostylis	7
Haemodoraceae	Conostylis setigera subsp. setigera	Bristly Cottonhead	7
Droseraceae	Drosera drummondii		7
Haemodoraceae	Haemodorum simplex		7
Asteraceae	Hyalosperma cotula		7
Violaceae	Hybanthus calycinus	Wild Violet	7
Cyperaceae	Lepidosperma longitudinale	Pithy Sword-sedge	7
Campanulaceae	Lobelia anceps	Angled Lobelia	7
Anarthriaceae	Lyginia barbata		7
Myrtaceae	Melaleuca brevifolia	Short-leaf Honey-myrtle	7
Poaceae	Pentameris pallida	Pussy Tail	7
Proteaceae	Petrophile seminuda		7
Poaceae	Poa drummondiana	Knotted Poa	7
Asteraceae	Podolepis gracilis	Slender Podolepis	7
Phyllanthaceae	Poranthera microphylla	Small Poranthera	7
Goodeniaceae	Scaevola phlebopetala	Velvet Fanflower	7
Asteraceae	Sonchus oleraceus	Common Sow-thistle	7
Stylidiaceae	Stylidium	Trigger-plants	7
Proteaceae	Synaphea spinulosa subsp. spinulosa		7
Asparagaceae	Thysanotus sparteus	Leafless Fringed Lily	7
Haemodoraceae	Tribonanthes australis	Southern Tiurndin	7
Juncaginaceae	Triglochin muelleri		7
Ericaceae	Astroloma pallidum	Kick Bush	6
Poaceae	Austrostipa semibarbata	Fibrous Spear-grass	6
Myrtaceae	Babingtonia camphorosmae		6
Proteaceae	Banksia ilicifolia	Holly Leaved Banksia	6
Boryaceae	Borya sphaerocephala	Pincushions	6
Colchicaceae	Burchardia multiflora	Lesser Burchardia	6
Myrtaceae	Calytrix flavescens	Summer Starflower	6
Myrtaceae	Corymbia calophylla	Marri	6
Cyperaceae	Cyathochaeta avenacea		6
Poaceae	Digitaria sanguinalis	Summer Grass	6
Droseraceae	Drosera glanduligera	Scarlet Sundew	6
Droseraceae	Drosera pallida	Pale Rainbow	6
Haemodoraceae	Haemodorum discolor	Bloodroot	6
Cyperaceae	Isolepis levynsiana	Tiny Flat-sedge	6
Myrtaceae	Kunzea recurva		6
Myrtaceae	Kunzea	Tickbush	6

Cyperaceae	Lepidosperma angustatum		6
Asparagaceae	Lomandra hermaphrodita		6
Asparagaceae	Lomandra suaveolens		6
Myrtaceae	Melaleuca preissiana	Moonah	6
Myrtaceae	Melaleuca seriata		6
Iridaceae	Moraea flaccida	One-leaf Cape Tulip	6
Proteaceae	Petrophile shuttleworthiana		6
Philydraceae	Philydrella pygmaea subsp. pygmaea		6
Orchidaceae	Pterostylis vittata	Banded Greenhood	6
Amaranthaceae	Ptilotus manglesii	Pom Poms	6
Primulaceae	Samolus junceus		6
Goodeniaceae	Scaevola lanceolata	Long-leaved Scaevola	6
Myrtaceae	Scholtzia involucrata	Spiked Scholtzia	6
Stylidiaceae	Stylidium ecorne	Foot Triggerplant	6
Hemerocallidaceae	Tricoryne elatior	Yellow Rush Lily	6
Juncaginaceae	Triglochin calcitrapa	Spurred Arrowgrass	6
Myrtaceae	Verticordia plumosa var. brachyphylla		6
Apiaceae	Xanthosia huegelii	Hairy Xanthosia	6
Haemodoraceae	Anigozanthos humilis	Common Catspaw	5
Asteraceae	Arctotheca calendula	Cape Weed	5
Proteaceae	Banksia attenuata	Coast Banksia	5
Rutaceae	Boronia purdieana subsp. purdieana		5
Gentianaceae	Cicendia filiformis	Slender Cicendia	5
Haemodoraceae	Conostylis setigera	Bristly Cottonhead	5
Orchidaceae	Cyanicula gemmata	Blue China Orchid	5
Myrtaceae	Eucalyptus marginata subsp. thalassica	Blue-leaved Jarrah	5
Fabaceae	Gastrolobium spinosum	Prickly Poison	5
Haloragaceae	Gonocarpus pithyoides		5
Proteaceae	Hakea ruscifolia	Candle Hakea	5
Fabaceae	Hovea trisperma	Common Hovea	5
Araliaceae	Hydrocotyle alata		5
Araliaceae	Hydrocotyle callicarpa	Tiny Pennywort	5
Fabaceae	Jacksonia sternbergiana	Stinkwood	5
Juncaceae	Juncus bufonius	Toad Rush	5
Fabaceae	Kennedia prostrata	Scarlet Runner	5
Goodeniaceae	Lechenaultia biloba	Blue Leschenaultia	5
Myrtaceae	Melaleuca viminea subsp. viminea	Weeping Honey-myrtle	5
Euphorbiaceae	Monotaxis grandiflora	Diamond Of The Desert	5
Orobanchaceae	Parentucellia latifolia	Red Bartsia	5
Asteraceae	Podotheca chrysantha	Yellow Podotheca	5
Cyperaceae	Schoenus nanus	Little Bog-rush	5
Cyperaceae	Schoenus rigens		5
Proteaceae	Stirlingia latifolia	Blueboy	5
Stylidiaceae	Stylidium bulbiferum	Circus Triggerplant	5
Hydatellaceae	Trithuria bibracteata		5
Lentibulariaceae	Utricularia tenella	Pink Bladderwort	5
Proteaceae	Adenanthos obovatus	Basket Flower	4
Anarthriaceae	Anarthria laevis		4
Haemodoraceae	Anigozanthos viridis	Green Kangaroo Paw	4
Poaceae	Austrostipa campylachne		4
Myrtaceae	Beaufortia elegans	Elegant Beaufortia	4
Orobanchaceae	Bellardia viscosa	Yellow Bartsia	4
Pittosporaceae	Billardiera fraseri	Elegant Pronaya	4
Cyperaceae	Bolboschoenus caldwellii	Salt Club-sedge	4
Asteraceae	Brachyscome bellidioides		4
Colchicaceae	Burchardia bairdiae		4

Orchidaceae	Caladenia flava subsp. flava	Cowslip Orchid	4
Orchidaceae	Caladenia longicauda	White Spider Orchid	4
Dasypogonaceae	Calectasia narragara	Star Of Bethlehem	4
Myrtaceae	Calytrix sapphirina		4
Myrtaceae	Chamelaucium uncinatum	Geraldton Wax	4
Proteaceae	Conospermum stoechadis subsp. stoechadis	Common Smokebush	4
Proteaceae	Conospermum stoechadis	Common Smokebush	4
Cyatheaceae	Cyathea cooperi	Straw Tree-fern	4
Fabaceae	Daviesia horrida	Prickly Bitter-pea	4
Fabaceae	Daviesia nudiflora subsp. nudiflora		4
Fabaceae	Daviesia nudiflora		4
Asparagaceae	Dichopogon preissii	Nodding Chocolate Lily	4
Orchidaceae	Diuris magnifica	Pansy Orchid	4
Myrtaceae	Eremaea pauciflora		4
Proteaceae	Grevillea bipinnatifida	Fuchsia Grevillea	4
Proteaceae	Grevillea lawrenceana		4
Haemodoraceae	Haemodorum laxum	Bloodroot	4
Proteaceae	Hakea lissocarpha	Honey Bush	4
Dilleniaceae	Hibbertia commutata		4
Dilleniaceae	Hibbertia subvaginata		4
Fabaceae	Hovea trisperma var. grandiflora		4
Fabaceae	Hovea trisperma var. trisperma	Common Hovea	4
Myrtaceae	Kunzea micrantha		4
Asteraceae	Leontodon saxatilis	Lesser Hawkbit	4
Restionaceae	Lepidobolus preissianus		4
Orchidaceae	Leporella fimbriata	Fringed Hare-orchid	4
Asparagaceae	Lomandra caespitosa	Tufted Mat-rush	4
Cyperaceae	Machaerina juncea	Bare Twig-rush	4
Myrtaceae	Melaleuca rhaphiophylla	Swamp Paperbark	4
Myrtaceae	Melaleuca uncinata	Broombush	4
Orobanchaceae	Orobanche minor	Lesser Broomrape	4
Iridaceae	Patersonia juncea	Rush Leaved Patersonia	4
Philydraceae	Philydrella pygmaea	Lesser Butterfly Flowers	4
Haemodoraceae	Phlebocarya ciliata		4
Loganiaceae	Phyllangium paradoxum	Wiry Mitrewort	4
Asteraceae	Podotheca angustifolia	Sticky Long-heads	4
Poaceae	Polypogon tenellus		4
Asteraceae	Pterochaeta paniculata		4
Amaranthaceae	Ptilotus declinatus	Curved Mulla-mulla	4
Amaranthaceae	Ptilotus drummondii var. drummondii	Pussytail	4
Asteraceae	Quinetia urvillei	Quinetia	4
Restionaceae	Restionaceae	Rush	4
Chenopodiaceae	Salicornia blackiana	Thick-head Samphire	4
Cyperaceae	Schoenus humilis		4
Cyperaceae	Schoenus plumosus		4
Stylidiaceae	Stylidium bindoon	Bindoon Triggerplant	4
Stylidiaceae	Stylidium schoenoides	Cow Kicks	4
Hemerocallidaceae	Stypandra glauca	Nodding Grass-lily	4
Asparagaceae	Thysanotus arbuscula		4
Asparagaceae	Thysanotus patersonii	Twining Fringe-lily	4
Goodeniaceae	Verreauxia reinwardtii	Common Verreauxia	4
Asteraceae	Waitzia suaveolens	Fragrant Waitzia	4
Colchicaceae	Wurmbea dioica subsp. alba		4
Fabaceae	Acacia applanata	Grass Wattle	3
Fabaceae	Acacia huegelii	Huegel's Wattle	3
Haemodoraceae	Anigozanthos manglesii	Red And Green Kangaroo Paw	3

Haemodoraceae	Anigozanthos viridis subsp. viridis		3
Fabaceae	Aotus gracillima		3
Myrtaceae	Astartea		3
Ericaceae	Astroloma macrocalyx	Swan Berry	3
Colchicaceae	Baeometra uniflora	Baeometra	3
Portulacaceae	Calandrinia sp. Kenwick (G.J.Keighery 10905)		3
Myrtaceae	Calytrix aurea		3
Myrtaceae	Calytrix leschenaultii	Posy Starflower	3
Myrtaceae	Calytrix strigosa		3
Lauraceae	Cassytha flava	Dodder Laurel	3
Casuarinaceae	Casuarina obesa	Swamp Sheoak	3
Centrolepidaceae	Centrolepis polygyna	Wiry Centrolepis	3
Asparagaceae	Chamaescilla corymbosa var. corymbosa	Blue Stars	3
Asparagaceae	Chamaescilla corymbosa	Blue Stars	3
Proteaceae	Conospermum stoechadis subsp. sclerophyllum		3
Ericaceae	Conostephium preissii		3
Haemodoraceae	Conostylis aculeata subsp. aculeata		3
Haemodoraceae	Conostylis aurea		3
Haemodoraceae	Conostylis juncea		3
Asteraceae	Cotula turbinata	Ferny Cotula	3
Crassulaceae	Crassula natans var. minus	Water Crassula	3
Apiaceae	Daucus glochidiatus	Native Carrot	3
Fabaceae	Daviesia angulata		3
Fabaceae	Daviesia preissii		3
Hemerocallidaceae	Dianella revoluta var. divaricata	Broad-leaf Flax-lily	3
Poaceae	Digitaria ciliaris	Summer Grass	3
Droseraceae	Drosera gigantea	Giant Sundew	3
Droseraceae	Drosera heterophylla	Swamp Rainbow	3
Droseraceae	Drosera macrantha	Bridal Rainbow	3
Myrtaceae	Eucalyptus wandoo subsp. wandoo	Wandoo	3
Fabaceae	Gompholobium knightianum	Knight's Wedge-pea	3
Fabaceae	Gompholobium preissii		3
Haloragaceae	Gonocarpus nodulosus		3
Goodeniaceae	Goodenia pulchella		3
Proteaceae	Grevillea althoferorum		3
Proteaceae	Grevillea bipinnatifida subsp. bipinnatifida		3
Haemodoraceae	Haemodorum spicatum	Bohn	3
Proteaceae	Hakea erinacea	Hedgehog Hakea	3
Proteaceae	Hakea prostrata	Harsh Hakea	3
Dilleniaceae	Hibbertia aurea		3
Cyperaceae	Isolepis marginata	Little Club-rush	3
Hemerocallidaceae	Johnsonia pubescens subsp. pubescens		3
Juncaceae	Juncus capitatus	Dwarf Rush	3
Juncaceae	Juncus subsecundus	Finger Rush	3
Cyperaceae	Lepidosperma tenue		3
Santalaceae	Leptomeria pauciflora	Sparse-flowered Currant Bush	3
Stylidiaceae	Levenhookia octomaculata	Eight-spotted Stylewort	3
Fabaceae	Lotus angustissimus	Slender Bird's-foot Trefoil	3
Anarthriaceae	Lyginia imberbis		3
Primulaceae	Lysimachia arvensis	Pimpernel	3
Ericaceae	Lysinema ciliatum	Curry Flower	3
Myrtaceae	Melaleuca trichophylla		3
Asteraceae	Millotia myosotidifolia	Broad-leaf Millotia	3
Asteraceae	Millotia tenuifolia var. tenuifolia	Soft Millotia	3
Asteraceae	Millotia tenuifolia	Soft Millotia	3
Iridaceae	Moraea miniata	Two-leaf Cape Tulip	3

Asteraceae	Myriocephalus helichrysoides		3
Poaceae	Pentameris airoides	False Hairgrass	3
Proteaceae	Persoonia saccata	Snottygobble	3
Iridaceae	Romulea rosea	Onion Grass	3
Goodeniaceae	Scaevola glandulifera	Viscid Hand-flower	3
Cyperaceae	Schoenus unispiculatus		3
Cyperaceae	Schoenus		3
Fabaceae	Sphaerolobium vimineum	Leafless Globe-pea	3
Stylidiaceae	Stylidium albolilacinum		3
Stylidiaceae	Stylidium diuroides	Donkey Triggerplant	3
Stylidiaceae	Stylidium tenue subsp. majusculum	Showy Fountain Triggerplant	3
Proteaceae	Synaphea spinulosa		3
Orchidaceae	Thelymitra crinita	Blue Lady Orchid	3
Orchidaceae	Thelymitra vulgaris	Slender Sun Orchid	3
Asparagaceae	Thysanotus triandrus	Three-stamened Fringe Lily	3
Haemodoraceae	Tribonanthes longipetala	Branching Tiurndin	3
Asteraceae	Trichocline spathulata	Native Gerbera	3
Juncaginaceae	Triglochin mucronata	Prickly Arrowgrass	3
Juncaginaceae	Triglochin	Lilaea	3
Celastraceae	Tripterococcus brunonis	Winged Stackhousia	3
Lentibulariaceae	Utricularia multifida	Pink Petticoats	3
Myrtaceae	Verticordia densiflora var. densiflora	Compacted Featherflower	3
Myrtaceae	Verticordia nitens	Yellow Morrison	3
Poaceae	Vulpia	Fescue	3
Asteraceae	Waitzia suaveolens var. suaveolens		3
Fabaceae	Acacia lasiocarpa var. sedifolia		2
Fabaceae	Acacia lateriticola		2
Fabaceae	Acacia saligna subsp. Wheatbelt (B.R.Maslin 8602)		2
Fabaceae	Acacia sessilis		2
Proteaceae	Adenanthos cygnorum	Boyur	2
Proteaceae	Adenanthos		2
Hemerocallidaceae	Agrostocrinum hirsutum	Grass Lily	2
Hemerocallidaceae	Agrostocrinum scabrum subsp. scabrum		2
Ericaceae	Andersonia lehmanniana		2
Asteraceae	Angianthus preissianus	Salt Angianthus	2
Poaceae	Aristida	Wind-grass	2
Hemerocallidaceae	Arnocrinum preissii		2
Myrtaceae	Astartea affinis	West-coast Astartea	2
Myrtaceae	Astartea fascicularis	Recherche Astartea	2
Myrtaceae	Astartea scoparia	Common Astartea	2
Poaceae	Austrostipa mollis	Soft Speargrass	2
Poaceae	Avena barbata	Bearded Oats	2
Proteaceae	Banksia armata var. armata		2
Myrtaceae	Beaufortia		2
Orchidaceae	Caladenia discoidea	Dancing Spider Orchid	2
Orchidaceae	Caladenia paludosa	Swamp Spider Orchid	2
Portulacaceae	Calandrinia calyptrata	Pink Purslane	2
Myrtaceae	Callistemon phoeniceus	Lesser Bottlebrush	2
Lauraceae	Cassytha glabella	Slender Dodder-laurel	2
Centrolepidaceae	Centrolepidaceae	Rush	2
Centrolepidaceae	Centrolepis inconspicua		2
Centrolepidaceae	Centrolepis mutica		2
Centrolepidaceae	Centrolepis pilosa		2
Asparagaceae	Chamaescilla versicolor		2
Asparagaceae	Chamaexeros macranthera		2
Pittosporaceae	Cheiranthera preissiana		2

Polygalaceae	Comesperma calymega	Blue-spike Milkwort	2
Proteaceae	Conospermum polycephalum		2
Haemodoraceae	Conostylis caricina		2
Asteraceae	Cotula cotuloides	Smooth Cotula	2
Fabaceae	Cristonia biloba		2
Thelypteridaceae	Cyclosorus interruptus	Swamp Shield-fern	2
Juncaginaceae	Cycnogeton lineare		2
Cyperaceae	Cyperus congestus	Dense Flat-sedge	2
Cyperaceae	Cyperus polystachyos	Bunchy Flat-sedge	2
Goodeniaceae	Dampiera teres		2
Restionaceae	Desmocladus lateriflorus		2
Hemerocallidaceae	Dianella revoluta	Blueberry Lily	2
Poaceae	Digitaria aequiglumis	Argentinian Crabgrass	2
Droseraceae	Drosera macrantha subsp. macrantha		2
Droseraceae	Drosera magna		2
Droseraceae	Drosera platystigma	Black-eyed Sundew	2
Poaceae	Ehrharta calycina	Perennial Veldt-grass	2
Poaceae	Eleusine indica	Crowsfoot Grass	2
Myrtaceae	Eremaea asterocarpa subsp. asterocarpa		2
Myrtaceae	Eremaea pauciflora var. pauciflora		2
Myrtaceae	Eucalyptus marginata subsp. marginata	Jarrah	2
Myrtaceae	Eucalyptus marginata	Jarrah	2
Myrtaceae	Eucalyptus rudis subsp. rudis	Flooded Gum	2
Fabaceae	Gastrolobium linearifolium		2
Asteraceae	Gnephosis drummondii	Slender Golden-tip	2
Goodeniaceae	Goodenia coerulea		2
Proteaceae	Grevillea curviloba subsp. curviloba	Curvedleaf Grevillea	2
Proteaceae	Grevillea curviloba subsp. incurva	Narrow Curvedleaf Grevillea	2
Proteaceae	Hakea incrassata	Marble Hakea	2
Proteaceae	Hakea sulcata	Furrowed Hakea	2
Proteaceae	Hakea varia	Variable-leaved Hakea	2
Fabaceae	Hardenbergia comptoniana	Western Australian Coral-pea	2
Dennstaedtiaceae	Histiopteris incisa	Oak Fern	2
Apiaceae	Homalosciadium homalocarpum		2
Poaceae	Hordeum marinum	Sea Barley-grass	2
Araliaceae	Hydrocotyle diantha	Kangaroo Island Pennywort	2
Myrtaceae	Hypocalymma robustum	Swan River Myrtle	2
Myrtaceae	Hypocalymma		2
Cyperaceae	Isolepis hystrix	Awned Club-rush	2
Cyperaceae	Isolepis oldfieldiana		2
Fabaceae	Isotropis cuneifolia subsp. cuneifolia	Granny Bonnets	2
Fabaceae	Jacksonia furcellata	Grey Stinkwood	2
Juncaceae	Juncus holoschoenus	Joint-leaf Rush	2
Juncaceae	Juncus pallidus	Pale Rush	2
Myrtaceae	Kunzea glabrescens	Spearwood	2
Myrtaceae	Kunzea micrantha subsp. micrantha		2
Poaceae	Lachnagrostis filiformis	Common Blown-grass	2
Asteraceae	Lagenophora huegelii	Coarse Bottle-daisy	2
Proteaceae	Lambertia multiflora var. darlingensis		2
Malvaceae	Lasiopetalum glabratum		2
Asparagaceae	Laxmannia ramosa subsp. ramosa	Branching Lily	2
Asparagaceae	Laxmannia sessiliflora subsp. australis		2
Asparagaceae	Laxmannia sessiliflora	Nodding Lily	2
Myrtaceae	Leptospermum spinescens		2
Myrtaceae	Leptospermum	Tea Tree	2
Ericaceae	Leucopogon conostephioides		2

Ericaceae	Leucopogon propinquus		2
Poaceae	Lolium rigidum	Wimmera Ryegrass	2
Asparagaceae	Lomandra micrantha subsp. micrantha	Small-flower Mat-rush	2
Asparagaceae	Lomandra preissii	Preiss' Mat Rush	2
Asparagaceae	Lomandra sericea	Silky Mat Rush	2
Fabaceae	Lotus subbiflorus	Hairy Bird's-foot Trefoil	2
Limeaceae	Macarthuria australis		2
Cyperaceae	Machaerina rubiginosa	Baumea	2
Haemodoraceae	Macropidia fuliginosa	Black Kangaroo Paw	2
Myrtaceae	Melaleuca bracteosa		2
Poaceae	Microlaena stipoides	Weeping Grass	2
Campanulaceae	Monopsis debilis	Pansy Lobelia	2
Characeae	Nitella tasmanica	Green Algae	2
Loranthaceae	Nuytsia floribunda	Western Australian Christmas Tree	2
Rubiaceae	Opercularia vaginata	Dog Weed	2
Iridaceae	Patersonia occidentalis var. angustifolia		2
Polygonaceae	Persicaria decipiens	Slender Knotweed	2
Proteaceae	Petrophile macrostachya		2
Haemodoraceae	Phlebocarya filifolia		2
Phyllanthaceae	Phyllanthus calycinus	Snowdrop Spurge	2
Lamiaceae	Physopsis spicata	Hill River Lambstail	2
Poaceae	Poa homomalla		2
Asteraceae	Podolepis lessonii		2
Asteraceae	Podotheca gnaphalioides	Golden Long-heads	2
Orchidaceae	Pterostylis recurva	Recurved Shell Orchid	2
Fabaceae	Pultenaea ericifolia		2
Iridaceae	Romulea rosea var. australis	Guilford Grass	2
Goodeniaceae	Scaevola repens var. repens		2
Cyperaceae	Schoenus clandestinus		2
Cyperaceae	Schoenus curvifolius		2
Cyperaceae	Schoenus discifer	Tiny Bog-rush	2
Cyperaceae	Schoenus elegans		2
Cyperaceae	Schoenus maschalinus	Leafy Bog-rush	2
Cyperaceae	Schoenus odontocarpus		2
Asteraceae	Senecio multicaulis subsp. multicaulis		2
Asteraceae	Siloxerus filifolius		2
Caryophyllaceae	Spergularia marina	Salt Sand-spurrey	2
Poaceae	Sporobolus virginicus	Marine Couch	2
Stylidiaceae	Stylidium despectum	Hundreds And Thousands	2
Stylidiaceae	Stylidium obtusatum	Pinafore Triggerplant	2
Stylidiaceae	Stylidium petiolare	Horn Triggerplant	2
Stylidiaceae	Stylidium scariosum		2
Proteaceae	Synaphea acutiloba	Granite Synaphea	2
Orchidaceae	Thelymitra flexuosa	Twisted Sun-orchid	2
Myrtaceae	Thryptomene denticulata		2
Asparagaceae	Thysanotus multiflorus	Many-flowered Fringe	2
Juncaginaceae	Triglochin stowardii		2
Juncaginaceae	Triglochin trichophora	Torpedo Arrowgrass	2
Rhamnaceae	Trymalium angustifolium		2
Lentibulariaceae	Utricularia violacea	Violet Bladderwort	2
Asteraceae	Vellereophyton dealbatum	White Cudweed	2
Myrtaceae	Verticordia acerosa		2
Myrtaceae	Verticordia pennigera	Native Tea	2
Myrtaceae	Verticordia plumosa	Plumed Featherflower	2
Fabaceae	Viminaria juncea	Native Broom	2
Campanulaceae	Wahlenbergia capensis	Cape Bluebell	2

Campanulaceae	Wahlenbergia preissii		2
Xanthorrhoeaceae	Xanthorrhoea drummondii		2
Araceae	Zantedeschia aethiopica	White Arum Lily	2
Fabaceae	Acacia barbinervis subsp. barbinervis		1
Fabaceae	Acacia drewiana		1
Fabaceae	Acacia lasiocalyx	Shaggy Wattle	1
Fabaceae	Acacia longifolia	Sallow Wattle	1
Fabaceae	Acacia pulchella var. pulchella	Prickly Moses	1
Asparagaceae	Acanthocarpus canaliculatus		1
Proteaceae	Adenanthos drummondii		1
Hemerocallidaceae	Agrostocrinum scabrum	Blue Grass Lily	1
Casuarinaceae	Allocasuarina microstachya		1
Poaceae	Amphibromus nervosus	Swamp Wallaby Grass	1
Poaceae	Amphipogon laguroides subsp. laguroides		1
Loranthaceae	Amyema linophylla subsp. linophylla		1
Loranthaceae	Amyema miquelii	Box Mistletoe	1
Ericaceae	Andersonia heterophylla		1
Ericaceae	Andersonia lehmanniana subsp. lehmanniana		1
Asteraceae	Angianthus tomentosus	Hairy Cup-flower	1
Haemodoraceae	Anigozanthos bicolor subsp. bicolor		1
Haemodoraceae	Anigozanthos manglesii subsp. quadrans		1
Haemodoraceae	Anigozanthos viridis subsp. Cataby (S.D.Hopper 1786)		1
Solanaceae	Anthocercis anisantha subsp. anisantha		1
Fabaceae	Aotus cordifolia		1
Fabaceae	Aotus intermedia		1
Myrtaceae	Apectospermum		1
Poaceae	Aristida holathera var. holathera	Tall Kerosene Grass	1
Poaceae	Aristida holathera	Erect Kerosene Grass	1
Asteraceae	Asteraceae	Daisy	1
Ericaceae	Astroloma glaucescens		1
Ericaceae	Astroloma stomarrhena	Red Swamp Cranberry	1
Chenopodiaceae	Atriplex prostrata	Hastate Orache	1
Poaceae	Avellinia festucoides	Avellinia	1
Proteaceae	Banksia armata		1
Proteaceae	Banksia sessilis var. sessilis		1
Proteaceae	Banksia telmatiaea	Swamp Fox Banksia	1
Proteaceae	Banksia	Banksia	1
Pottiaceae	Barbula calycina	Common Beard-moss	1
Myrtaceae	Beaufortia macrostemon	Darling Range Beaufortia	1
Rutaceae	Boronia ovata		1
Fabaceae	Bossiaea		1
Asteraceae	Brachyscome glandulosa	Sticky Daisy	1
Poaceae	Bromus diandrus	Great Brome	1
Hemerocallidaceae	Caesia		1
Orchidaceae	Caladenia vulgata	Spider Orchid	1
Portulacaceae	Calandrinia granulifera	Pigmy Purslane	1
Portulacaceae	Calandrinia sp. (Milray area)		1
Portulacaceae	Calandrinia	Parakeelya	1
Myrtaceae	Calothamnus phellosus		1
Myrtaceae	Calytrix breviseta		1
Myrtaceae	Calytrix fraseri	Pink Summer Calytrix	1
Myrtaceae	Calytrix	Fringe Myrtle	1
Leucobryaceae	Campylopus introflexus	Swan-neck Moss	1
Aizoaceae	Carpobrotus edulis	Hottentot Fig	1
Commelinaceae	Cartonema philydroides		1
Lauraceae	Cassytha glabella f. dispar	Slender Dodder-laurel	1

Lauraceae	Cassytha racemosa f. racemosa		1
Gentianaceae	Centaurium erythraea	Common Centaury	1
Gentianaceae	Centaurium tenuiflorum	Branched Centaury	1
Centrolepidaceae	Centrolepis alepyroides		1
Centrolepidaceae	Centrolepis caespitosa		1
Centrolepidaceae	Centrolepis glabra	Smooth Centrolepis	1
Centrolepidaceae	Centrolepis humillima	Dwarf Centrolepis	1
Centrolepidaceae	Centrolepis	Bristlewort	1
Poaceae	Chloris gayana	Rhodes Grass	1
Restionaceae	Chordifex microcodon		1
Restionaceae	Chordifex sinuosus		1
Cyperaceae	Chorizandra enodis	Black Bristle-sedge	1
Cucurbitaceae	Citrullus lanatus	Camel Melon	1
Polygalaceae	Comesperma polygaloides	Small Milkwort	1
Polygalaceae	Comesperma virgatum	Milkwort	1
Polygalaceae	Comesperma volubile	Love Creeper	1
Proteaceae	Conospermum acerosum subsp. acerosum		1
Proteaceae	Conospermum acerosum	Needle-leaved Smokebush	1
Proteaceae	Conospermum huegelii	Slender Smokebush	1
Proteaceae	Conospermum triplinervium	Tree Smokebush	1
Ericaceae	Conostephium minus	Pink-tipped Pearl Flower	1
Ericaceae	Conostephium	Pearl Flowers	1
Haemodoraceae	Conostylis aculeata subsp. bromelioides		1
Haemodoraceae	Conostylis aculeata subsp. cygnorum		1
Haemodoraceae	Conostylis caricina subsp. caricina		1
Haemodoraceae	Conostylis setosa	White Cottonhead	1
Hemerocallidaceae	Corynotheca micrantha var. elongata		1
Asteraceae	Cotula australis	Common Cotula	1
Rhamnaceae	Cryptandra arbutiflora var. arbutiflora		1
Convolvulaceae	Cuscuta epithymum	Common Dodder	1
Poaceae	Cymbopogon ambiguus	Lemon Grass	1
Cyperaceae	Cyperus tenuiflorus	Scaly Sedge	1
Dryopteridaceae	Cyrtomium falcatum	Holly Fern	1
Myrtaceae	Darwinia oederoides		1
Myrtaceae	Darwinia pinifolia		1
Fabaceae	Daviesia cordata	Bookleaf	1
Fabaceae	Daviesia decurrens subsp. decurrens		1
Fabaceae	Daviesia decurrens	Thorny Bitter-pea	1
Fabaceae	Daviesia divaricata subsp. divaricata		1
Fabaceae	Daviesia divaricata	Marno	1
Fabaceae	Daviesia epiphyllum		1
Fabaceae	Daviesia gracilis		1
Fabaceae	Dillwynia cinerascens	Grey Parrot-pea	1
Dioscoreaceae	Dioscorea hastifolia	Warrine	1
Sapindaceae	Diplopeltis huegelii subsp. lehmannii		1
Asteraceae	Dittrichia graveolens	Stinkwort	1
Orchidaceae	Diuris corymbosa	Common Donkey Orchid	1
Orchidaceae	Diuris laxiflora	Bee Orchid	1
Orchidaceae	Diuris longifolia	Common Donkey Orchid	1
Orchidaceae	Diuris	Donkey Orchids	1
Sapindaceae	Dodonaea ericoides		1
Droseraceae	Drosera hyperostigma		1
Droseraceae	Drosera porrecta	Leafy Sundew	1
Droseraceae	Drosera rosulata		1
Droseraceae	Drosera spilos		1
Droseraceae	Drosera stolonifera	Leafy Sundew	1

Boraginaceae	Echium plantagineum	Paterson's Curse	1
Poaceae	Ehrharta pusilla		1
Cyperaceae	Eleocharis	Spike-rush	1
Onagraceae	Epilobium billardiereanum	Variable Willow-herb	1
Poaceae	Eragrostis curvula	African Love-grass	1
Poaceae	Eragrostis elongata	Lovegrass	1
Myrtaceae	Eremaea asterocarpa		1
Myrtaceae	Eremaea purpurea		1
Ericaceae	Ericaceae	Austral Heaths	1
Geraniaceae	Erodium botrys	Big Herons-bill	1
Apiaceae	Eryngium		1
Myrtaceae	Eucalyptus rudis	Flooded Gum	1
Myrtaceae	Eucalyptus wandoo	White Gum	1
Cyperaceae	Ficinia nodosa	Knobby Club-rush	1
Moraceae	Ficus carica	Edible Fig	1
Fabaceae	Gastrolobium ebracteolatum		1
Fabaceae	Gastrolobium praemorsum		1
Haloragaceae	Glischrocaryon aureum	Yellow Popflower	1
Asteraceae	Gnephosis tenuissima	Dwarf Golden-tip	1
Asteraceae	Gnephosis		1
Acrobolbaceae	Goebelobryum unguiculatum	Mister Whiskers	1
Apocynaceae	Gomphocarpus fruticosus	Narrow-leaved Cotton Bush	1
Fabaceae	Gompholobium	Wedge Peas	1
Campanulaceae	Grammatotheca bergiana		1
Proteaceae	Grevillea pinaster		1
Proteaceae	Grevillea quercifolia	Oak-leaf Grevillea	1
Haemodoraceae	Haemodorum sparsiflorum	Mardja	1
Haemodoraceae	Haemodorum venosum		1
Proteaceae	Hakea cristata		1
Proteaceae	Hakea eneabba		1
Proteaceae	Hakea stenocarpa		1
Asteraceae	Helichrysum		1
Poaceae	Hemarthria uncinata var. uncinata	Mat Grass	1
Lamiaceae	Hemiandra linearis	Speckled Snakebush	1
Lamiaceae	Hemigenia barbata		1
Dilleniaceae	Hibbertia hypericoides subsp. hypericoides	Yellow Buttercups	1
Dilleniaceae	Hibbertia hypericoides subsp. septentrionalis		1
Dilleniaceae	Hibbertia spicata		1
Dilleniaceae	Hibbertia stellaris	Guinea Flower	1
Poaceae	Holcus lanatus	Yorkshire Fog	1
Myrtaceae	Homalocalyx thryptomenoides		1
Fabaceae	Hovea pungens	Devils Pins	1
Myrtaceae	Hypocalymma angustifolium subsp. Swan Coastal Plain (G.J.Keighery 16777)		1
Myrtaceae	Hypocalymma angustifolium subsp. angustifolium		1
Restionaceae	Hypolaena		1
Iridaceae	Iridaceae	Iris	1
Cyperaceae	Isolepis cyperoides		1
Cyperaceae	Isolepis		1
Fabaceae	Isotropis cuneifolia	Granny Bonnets	1
Bignoniaceae	Jacaranda mimosifolia	Jacaranda	1
Hemerocallidaceae	Johnsonia pubescens	Pipe Lily	1
Juncaceae	Juncus planifolius	Broad-leaf Rush	1
Myrtaceae	Kunzea ericifolia	Spearwood	1
Myrtaceae	Kunzea micrantha subsp. petiolata		1
Proteaceae	Lambertia multiflora var. multiflora		1
Malvaceae	Lasiopetalum floribundum	Free Flowering Lasiopetalum	1

Malvaceae	Lasiopetalum glutinosum subsp. latifolium		1
Malvaceae	Lawrencia squamata	Thorny Lawrencia	1
Asparagaceae	Laxmannia grandiflora subsp. grandiflora		1
Asparagaceae	Laxmannia ramosa		1
Goodeniaceae	Lechenaultia expansa		1
Goodeniaceae	Lechenaultia floribunda	Free-flowering Leschenaultia	1
Araceae	Lemna disperma	Common Duckweed	1
Restionaceae	Leptocarpus roycei		1
Santalaceae	Leptomeria empetriformis		1
Myrtaceae	Leptospermopsis erubescens		1
Myrtaceae	Leptospermum nitens		1
Acrobolbaceae	Lethocolea pansa	Common Pouchwort	1
Ericaceae	Leucopogon glaucifolius		1
Ericaceae	Leucopogon parviflorus	Coast Beard-heath	1
Ericaceae	Leucopogon polymorphus		1
Stylidiaceae	Levenhookia pusilla	Tiny Stylewort	1
Linaceae	Linum trigynum	French Flax	1
Campanulaceae	Lobelia gibbosa	Tall Lobelia	1
Campanulaceae	Lobelia rhombifolia	Tufted Lobelia	1
Asparagaceae	Lomandra micrantha	Small-flower Mat-rush	1
Asparagaceae	Lomandra	Mat Rushes	1
Lythraceae	Lythrum hyssopifolia	Lesser Loosestrife	1
Cyperaceae	Machaerina arthrophylla	Baumea	1
Zamiaceae	Macrozamia fraseri	Zamia	1
Zamiaceae	Macrozamia riedlei	Zamia Palm	1
Pittosporaceae	Marianthus coeruleopunctatus		1
Myrtaceae	Melaleuca aspalathoides		1
Myrtaceae	Melaleuca cuticularis	Western Swamp-paperbark	1
Myrtaceae	Melaleuca hnatiukii		1
Myrtaceae	Melaleuca lateritia	Robin Redbreast Bush	1
Myrtaceae	Melaleuca nesophila	Showy Honey Myrtle	1
Myrtaceae	Melaleuca teretifolia	Banbar	1
Myrtaceae	Melaleuca tuberculata var. arenaria		1
Myrtaceae	Melaleuca x arenicola		1
Fabaceae	Melilotus indicus	Sweet Melilot	1
Orchidaceae	Microtis atrata	Yellow Onion-orchid	1
Orchidaceae	Microtis brownii	Sweet Mignonette Orchid	1
Orchidaceae	Microtis media subsp. densiflora	Dense Mignonette Orchid	1
Orchidaceae	Microtis media subsp. media	Common Mignonette Orchid	1
Asteraceae	Millotia		1
Campanulaceae	Monopsis debilis var. depressa		1
Asteraceae	Myriocephalus occidentalis		1
Haloragaceae	Myriophyllum drummondii		1
Haloragaceae	Myriophyllum propinquum	Water Milfoil	1
Haloragaceae	Myriophyllum	Water Milfoil	1
Asteraceae	Olearia rudis	Azure Daisy-bush	1
Menyanthaceae	Ornduffia albiflora		1
Oxalidaceae	Oxalis pes-caprae	Soursob	1
Oxalidaceae	Oxalis purpurea	One-o'clock	1
Poaceae	Parapholis incurva	Curly Ryegrass	1
Iridaceae	Patersonia occidentalis var. occidentalis	Long Purple-flag	1
Poaceae	Pentameris	Pentameris	1
Myrtaceae	Pericalymma crassipes		1
Myrtaceae	Pericalymma ellipticum var. ellipticum		1
Proteaceae	Petrophile biloba	Granite Petrophile	1
Proteaceae	Petrophile squamata		1

Thymelaeaceae	Pimelea floribunda		1
Thymelaeaceae	Pimelea imbricata var. major		1
Thymelaeaceae	Pimelea imbricata		1
Thymelaeaceae	Pimelea suaveolens subsp. suaveolens		1
Platanaceae	Platanus		1
Elaeocarpaceae	Platytheca galioides		1
Poaceae	Poa annua	Annual Meadow-grass	1
Poaceae	Poa poiformis	Coast Tussock-grass	1
Asteraceae	Podolepis aristata subsp. aristata		1
Orchidaceae	Prasophyllum elatum	Tall Leek-orchid	1
Orchidaceae	Prasophyllum fimbria	Fringed Leek Orchid	1
Asteraceae	Pseudognaphalium luteoalbum	Jersey Cudweed	1
Orchidaceae	Pyrorchis nigricans	Black Fire-orchid	1
Myrtaceae	Regelia ciliata		1
Restionaceae	Restio	Mountain Cord Rush	1
Iridaceae	Romulea	Onion-grass	1
Poaceae	Rytidosperma		1
Goodeniaceae	Scaevola repens		1
Cyperaceae	Schoenus asperocarpus	Poison Sedge	1
Cyperaceae	Schoenus sculptus	Gimlet Bog-rush	1
Cyperaceae	Schoenus tenellus		1
Selaginellaceae	Selaginella gracillima	Tiny Clubmoss	1
Asteraceae	Senecio multicaulis		1
Caryophyllaceae	Silene gallica var. gallica	French Catchfly	1
Asteraceae	Siloxerus multiflorus	Small Wrinklewort	1
Asteraceae	Siloxerus		1
Caryophyllaceae	Spergularia brevifolia	Salt Sand-spurrey	1
Proteaceae	Stirlingia abrotanoides		1
Stylidiaceae	Stylidium adpressum	Trigger-on-stilits	1
Stylidiaceae	Stylidium affine	Queen Triggerplant	1
Stylidiaceae	Stylidium androsaceum	Book Triggerplant	1
Stylidiaceae	Stylidium araeophyllum	Stilt Walker	1
Stylidiaceae	Stylidium breviscapum	Boomerang Triggerplant	1
Stylidiaceae	Stylidium diuroides subsp. diuroides		1
Stylidiaceae	Stylidium divaricatum	Daddy-long-legs	1
Stylidiaceae	Stylidium guttatum	Dotted Triggerplant	1
Stylidiaceae	Stylidium neurophyllum	Fan-leaved Triggerplant	1
Stylidiaceae	Stylidium recurvum		1
Stylidiaceae	Stylidium roseoalatum	Pink-winged Triggerplant	1
Stylidiaceae	Stylidium xanthellum	Little Yellow Triggerplant	1
Asteraceae	Taraxacum	Garden Dandelion	1
Myrtaceae	Taxandria linearifolia		1
Elaeocarpaceae	Tetratheca nuda		1
Orchidaceae	Thelymitra pauciflora	Slender Sun Orchid	1
Asparagaceae	Thysanotus tenellus	Grassy Fringe-lily	1
Asparagaceae	Thysanotus thyrsoideus		1
Hemerocallidaceae	Tricoryne humilis		1
Hemerocallidaceae	Tricoryne tenella	Tufted Yellow Rush-lily	1
Fabaceae	Trifolium campestre var. campestre	Hop Clover	1
Typhaceae	Typha orientalis	Bullrush	1
Asteraceae	Ursinia anthemoides subsp. anthemoides	Ursinia	1
Goodeniaceae	Velleia trinervis		1
Myrtaceae	Verticordia huegelii var. huegelii		1
Myrtaceae	Verticordia serrata		1
Poaceae	Vulpia bromoides	Squirrel-tail Fescue	1
Asteraceae	Waitzia nitida		1

Iridaceae	Watsonia meriana var. meriana	Bulbil Watsonia	1
Colchicaceae	Wurmbea		1

Lifeform - Protozoa

Number of Protozoa **1**

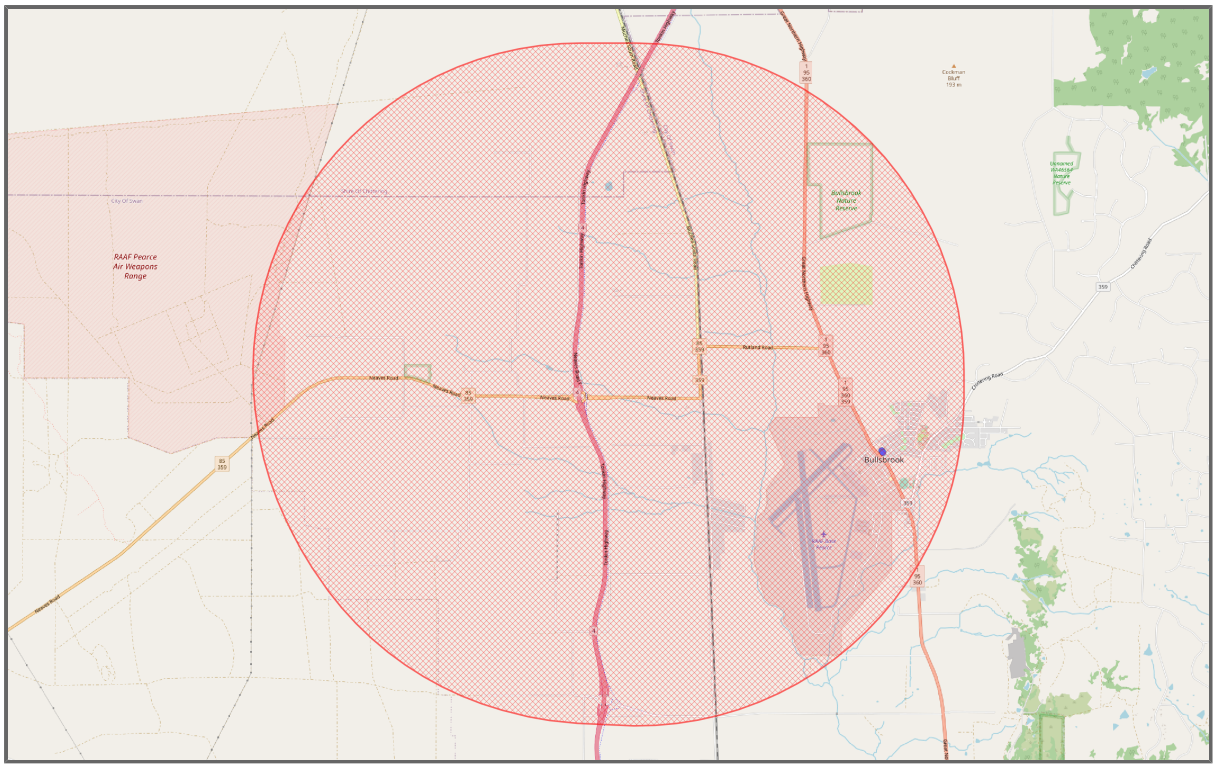


Figure 30 : Map of Lifeform - Protozoa

Table 30: Lifeform - Protozoa (Link to full list)

Family	*Scientific Name*	Common Name	No. Occurrences
	Mycetozoa		2

Lifeform - Reptiles

Number of Reptiles **35**

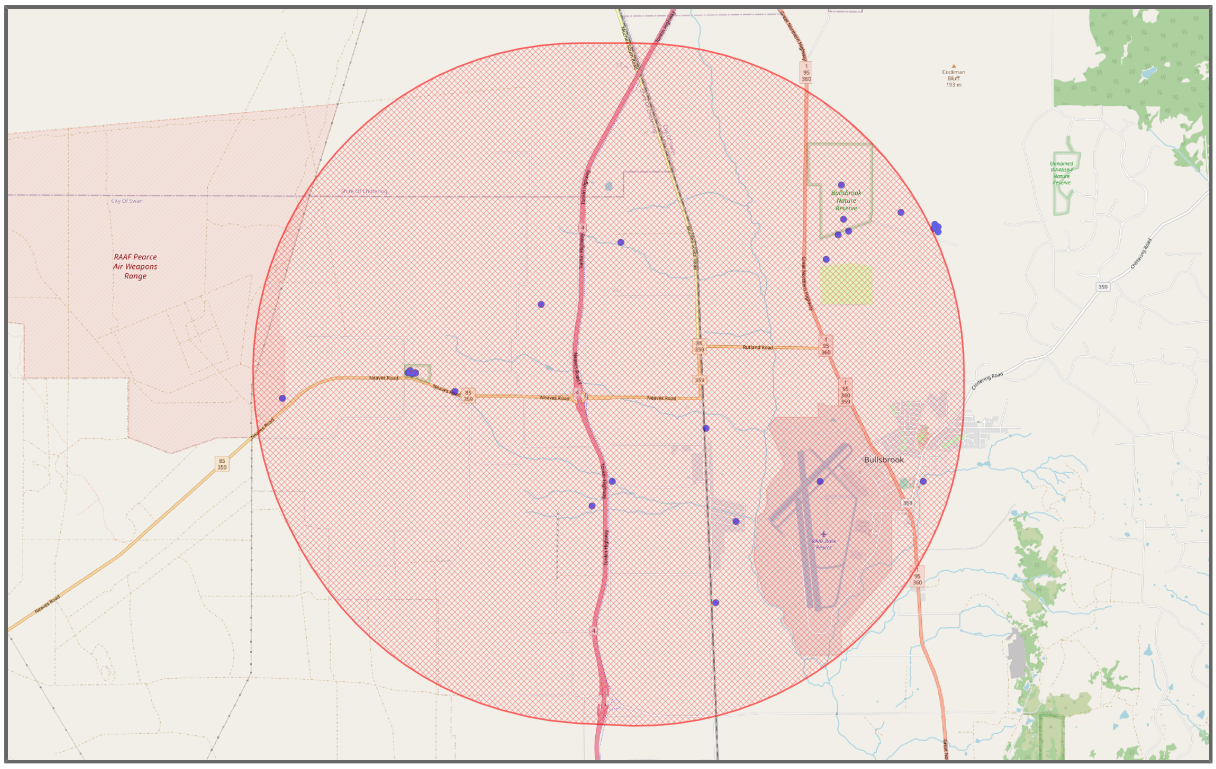


Figure 31 : Map of Lifeform - Reptiles

Table 31: Lifeform - Reptiles (Link to full list)

Family	*Scientific Name*	Common Name	No. Occurrences
Elapidae	Brachyurophis semifasciatus	Southern Shovel-nosed Snake	4
Elapidae	Echiopsis curta	Bardick	4
Scincidae	Lerista elegans	Elegant Slider	4
Pygopodidae	Lialis burtonis	Burton's Snake-lizard	4
Scincidae	Tiliqua rugosa	Shingle-back	4
Scincidae	Cryptoblepharus buchananii	Buchanan’s Snake-eyed Skink	3
Elapidae	Neelaps bimaculatus	Black-naped Snake	3
Elapidae	Simoselaps bertholdi	Jan's Banded Snake	3
Typhlopidae	Anilios australis	Southern Blind Snake	2
Typhlopidae	Anilios waitii	Beaked Blind Snake	2
Chelidae	Chelodina (Macrochelodina) oblonga	Northern Snake-necked Turtle	2
Scincidae	Ctenotus fallens	West-coast Laterite Ctenotus	2
Scincidae	Ctenotus		2
Scincidae	Acritoscincus trilineatus	Western Three-lined Skink	1
Scincidae	Acritoscincus		1
Pygopodidae	Aprasia repens	Sand-plain Worm-lizard	1
Elapidae	Brachyurophis fasciolatus fasciolatus		1
Agamidae	Ctenophorus adelaidensis	Western Heath Dragon	1
Pygopodidae	Delma grayii	Side-barred Delma	1
Scincidae	Egernia napoleonis	South-western Crevice-skink	1
Scincidae	Hemiergis quadrilineata	Two-toed Earless Skink	1
Scincidae	Lerista lineopunctulata	Dotted-line Robust Slider	1
Scincidae	Menetia greyii	Grey's Menetia	1
Elapidae	Notechis scutatus	Tiger Snake	1
Pygopodidae	Pletholax gracilis	Keeled Legless Lizard	1

Elapidae	Pseudechis australis	Mulga Snake	1
Elapidae	Pseudonaja mengdeni	Western Brown Snake	1
Pygopodidae	Pygopus lepidopodus	Common Scaly-foot	1
Scincidae	SCINCIDAE		1
Scincidae	Saproscincus rosei	Rose's Shadeskink	1
Elapidae	Simoselaps		1
Typhlopidae	TYPHLOPIDAE	North-eastern Blind Snake	1
Scincidae	Tiliqua occipitalis	Western Blue-tongue	1
Varanidae	Varanus gouldii	Gould's Goanna	1
Varanidae	Varanus	Mangrove Monitor	1

Expert Distributions

Number of expert distributions: **258**

Table 32: Expert Distributions

Family	*Scientific Name*	Common Name	Min Depth	Max Depth	Area Name	Area sq km
MELIPHAGIDAE	Acanthorhynchus superciliosus	Western Spinebill			Expert distribution Acanthorhynchus superciliosus	182727.63
PETROICIDAE	Drymodes brunneopygia	Southern Scrub-robin			Expert distribution Drymodes brunneopygia	919455.83
LARIDAE	Chlidonias (Pelodes) hybrida	Whiskered Tern			Expert distribution Chlidonias hybrida	31766691.37
CHARADRIIDAE	Charadrius (Charadrius) dubius	Little Ringed Plover			Expert distribution Charadrius dubius	46497860.61
RALLIDAE	Fulica atra	Eurasian Coot			Expert distribution Fulica atra	40213555.69
SCOLOPACIDAE	Tringa (Rhyacophilus) stagnatilis	Marsh Sandpiper			Expert distribution Tringa stagnatilis	32002835.93
SCOLOPACIDAE	Xenus cinereus	Terek Sandpiper			Expert distribution Xenus cinereus	14255785.46
RALLIDAE	Porzana (Porzana) pusilla	Baillon's Crake			Expert distribution Porzana pusilla	23572540.88
	Phalacrocorax melanoleucos				Expert distribution Phalacrocorax melanoleucos	5881748.39
CUCULIDAE	Chrysococcyx lucidus	Shining Bronze Cuckoo			Expert distribution Chrysococcyx lucidus	3617321.76
ARDEIDAE	Ardea (Ardea) pacifica	White-necked Heron			Expert distribution Ardea pacifica	7532467.66
CACATUIDAE	Cacatua (Cacatua) galerita	Sulphur-crested Cockatoo			Expert distribution Cacatua galerita	3951643.10
CACATUIDAE	Cacatua (Licmetis) sanguinea	Little Corella			Expert distribution Cacatua sanguinea	5339700.99
CUCULIDAE	Cacomantis (Vidgenia) flabelliformis	Fan-tailed Cuckoo			Expert distribution Cacomantis flabelliformis	2447973.99
SCOLOPACIDAE	Numenius (Numenius) madagascariensis	Eastern Curlew			Expert distribution Numenius madagascariensis	3601101.26
ARDEIDAE	Nycticorax caledonicus	Nankeen Night-heron			Expert distribution Nycticorax caledonicus	7827831.87
PACHYCEPHALIDAE	Pachycephala (Pachycephala) pectoralis	Golden Whistler			Expert distribution Pachycephala pectoralis	2142705.71
Apodidae	Apus pacificus	Fork-tailed Swift			Expert distribution (likely) Apus pacificus	6850159.42
HIRUNDINIDAE	Cheramoeca leucosterna	White-backed Swallow			Expert distribution Cheramoeca leucosterna	5235941.71
RECURVIROSTRIDAE	Cladorhynchus leucocephalus	Banded Stilt			Expert distribution Cladorhynchus leucocephalus	1295039.34
ANATIDAE	Anas (Nettion) gracilis	Grey Teal			Expert distribution Anas gracilis	8854807.76
CHARADRIIDAE	Charadrius (Charadrius) ruficapillus	Red-capped Plover			Expert distribution Charadrius ruficapillus	4830132.20
STRIGIDAE	Ninox (Hieracoglaux) connivens	Barking Owl			Expert distribution Ninox connivens	2486340.95
MELIPHAGIDAE	Lichenostomus (Ptilotula) ornatus	Yellow-plumed Honeyeater			Expert distribution Lichenostomus ornatus	1108377.99
COLUMBIDAE	Phaps (Phaps) elegans	Brush Bronzewing			Expert distribution Phaps elegans	696122.82
PSITTACIDAE	Purpureicephalus spurius	Red-capped Parrot			Expert distribution Purpureicephalus spurius	126600.50
ACANTHIZIDAE	Acanthiza (Geobasileus) uropygialis	Chestnut-rumped Thornbill			Expert distribution Acanthiza uropygialis	4806634.16
ACANTHIZIDAE	Acanthiza (Geobasileus) chrysorrhoa	Yellow-rumped Thornbill			Expert distribution Acanthiza chrysorrhoa	4621303.32
	Malurus (Malurus)					

MALURIDAE	splendens	Splendid Fairy-wren	Expert distribution Malurus splendens	2720327.23
CACATUIDAE	Cacatua (Licmetis) pastinator	Western Corella	Expert distribution Cacatua pastinator	201175.82
PETROICIDAE	Eopsaltria (Eopsaltria) griseogularis	Western Yellow Robin	Expert distribution Eopsaltria griseogularis	589536.32
ACANTHIZIDAE	Hylacola cautus cautus	Shy Heathwren	Expert distribution Hylacola cauta	974555.02
PSITTACIDAE	Polytelis anthopeplus	Regent Parrot	Expert distribution Polytelis anthopeplus	539328.03
BURHINIDAE	Burhinus (Burhinus) grallarius	Bush Stone-curlew	Expert distribution Burhinus grallarius	2584849.12
MONARCHIDAE	Myiagra (Seisura) inquieta	Restless Flycatcher	Expert distribution Myiagra inquieta	2505428.00
PARDALOTIDAE	Pardalotus (Pardalotus) punctatus	Spotted Pardalote	Expert distribution Pardalotus punctatus	2177370.82
CUCULIDAE	Chrysococcyx osculans	Black-eared Cuckoo	Expert distribution Chrysococcyx osculans	7071593.02
ANATIDAE	Malacorhynchus membranaceus	Pink-eared Duck	Expert distribution Malacorhynchus membranaceus	7027203.52
	Climacteris rufus		Expert distribution Climacteris rufus	453651.01
LARIDAE	Chroicocephalus novaehollandiae novaehollandiae	Silver Gull	Expert distribution Larus novaehollandiae	7828185.18
ACCIPITRIDAE	Circus assimilis	Spotted Harrier	Expert distribution Circus assimilis	7850851.09
PACHYCEPHALIDAE	Colluricincla (Colluricincla) harmonica	Grey Shrike-thrush	Expert distribution Colluricincla harmonica	6948277.29
PHALACROCORACIDAE	Phalacrocorax (Phalacrocorax) sulcirostris	Little Black Cormorant	Expert distribution Phalacrocorax sulcirostris	4531811.78
THRESKIORNITHIDAE	Platalea (Platalea) regia	Royal Spoonbill	Expert distribution Platalea regia	6253990.16
PODARGIDAE	Podargus strigoides	Tawny Frogmouth	Expert distribution Podargus strigoides	7706572.49
CASUARIIDAE	Dromaius novaehollandiae	Emu	Expert distribution Dromaius novaehollandiae	6759542.46
RECURVIROSTRIDAE	Recurvirostra novaehollandiae	Red-necked Avocet	Expert distribution Recurvirostra novaehollandiae	3550921.74
ALCEDINIDAE	Dacelo (Dacelo) novaeguineae	Laughing Kookaburra	Expert distribution Dacelo novaeguineae	2777117.73
CORVIDAE	Corvus coronoides	Australian Raven	Expert distribution Corvus coronoides	4821723.12
ARTAMIDAE	Cracticus nigrogularis	Pied Butcherbird	Expert distribution Cracticus nigrogularis	6375272.64
CUCULIDAE	Cuculus pallidus	Palid Cuckoo	Expert distribution Cuculus pallidus	7788647.90
NECTARINIIDAE	Dicaeum (Dicaeum) hirundinaceum	Mistletoebird	Expert distribution Dicaeum hirundinaceum	6504923.75
PELECANIDAE	Pelecanus conspicillatus	Australian Pelican	Expert distribution Pelecanus conspicillatus	6627953.98
MALURIDAE	Malurus (Musciparus) leucopterus	White-winged Fairy-wren	Expert distribution Malurus leucopterus	5635255.97
PSITTACIDAE	Melopsittacus undulatus	Budgerigar	Expert distribution Melopsittacus undulatus	5915295.57
ANATIDAE	Biziura lobata	Musk Duck	Expert distribution Biziura lobata	2745184.89
ANATIDAE	Oxyura australis	Blue-billed Duck	Expert distribution Oxyura australis	2220865.40
ARDEIDAE	Ardea alba	Great White Egret	Expert distribution Casmerodius albus	75783095.10
SCOLOPACIDAE	Arenaria interpres	Ruddy Turnstone	Expert distribution Arenaria interpres	13110297.20
SCOLOPACIDAE	Calidris (Calidris) canutus	Red Knot	Expert distribution Calidris canutus	6909656.74
SCOLOPACIDAE	Calidris (Crocethia) alba	Sanderling	Expert distribution Calidris alba	12943524.46
SCOLOPACIDAE	Calidris (Ereunetes) ruficollis	Red-necked Stint	Expert distribution Calidris ruficollis	9890575.48
SCOLOPACIDAE	Calidris (Erolia) acuminata	Sharp-tailed Sandpiper	Expert distribution Calidris acuminata	12325741.41

FRINGILLIDAE	Carduelis carduelis	European Goldfinch	Expert distribution Carduelis carduelis	18624866.37
COLUMBIDAE	Columba (Columba) livia	Rock Dove	Expert distribution Columba livia	40132736.33
ARDEIDAE	Egretta garzetta	Little Egret	Expert distribution Egretta garzetta	40036024.12
ARDEIDAE	Egretta sacra	Eastern Reef Egret	Expert distribution Egretta sacra	4120498.08
LARIDAE	Gelochelidon nilotica	Gull-billed Tern	Expert distribution Sterna nilotica	17427456.75
LARIDAE	Hydroprogne caspia	Caspian Tern	Expert distribution Sterna caspia	13971242.26
SCOLOPACIDAE	Limosa lapponica	Bar-tailed Godwit	Expert distribution Limosa lapponica	9217521.21
SCOLOPACIDAE	Limosa limosa	Black-tailed Godwit	Expert distribution Limosa limosa	55802898.79
PHALACROCORACIDAE	Phalacrocorax (Phalacrocorax) carbo	Great Cormorant	Expert distribution Phalacrocorax carbo	29810439.37
PHASIANIDAE	Phasianus colchicus	Common Pheasant	Expert distribution Phasianus colchicus	16815917.88
THRESKIORNITHIDAE	Plegadis falcinellus	Glossy Ibis	Expert distribution Plegadis falcinellus	28613832.12
CHARADRIIDAE	Pluvialis squatarola	Grey Plover	Expert distribution Pluvialis squatarola	15219550.69
RALLIDAE	Porphyrio (Porphyrio) porphyrio	Purple Swamphen	Expert distribution Porphyrio porphyrio	18612466.94
SCOLOPACIDAE	Steganopus tricolor	Wilson's Phalarope	Expert distribution Steganopus tricolor	43981867.07
LARIDAE	Sterna (Sterna) dougallii	Roseate Tern	Expert distribution Sterna dougallii	35272496.90
LARIDAE	Sterna (Sterna) paradisaea	Arctic Tern	Expert distribution Sterna paradisaea	60906852.68
SCOLOPACIDAE	Tringa (Rhyacophilus) glareola	Wood Sandpiper	Expert distribution Tringa glareola	45716932.72
	Stigmatopelia senegalensis		Expert distribution Stigmatopelia senegalensis	25578484.33
	Heteroscelus brevipes	Grey-tailed Tattler	Expert distribution Heteroscelus brevipes	4921697.20
ANATIDAE	Anas (Anas) platyrhynchos	Northern Mallard	Expert distribution Anas platyrhynchos	49456016.35
ANATIDAE	Anser anser	Domestic Goose	Expert distribution Anser anser	19021885.16
RALLIDAE	Gallirallus (Hypotaenidia) philippensis	Buff-banded Rail	Expert distribution Gallirallus philippensis	2526398.57
PSITTACIDAE	Psittacula krameri	Ring-necked Parakeet	Expert distribution Psittacula krameri	8327719.76
TYTONIDAE	Tyto alba	Barn Owl	Expert distribution Tyto alba	63421904.27
	Stigmatopelia chinensis		Expert distribution Stigmatopelia chinensis	11412223.27
CAMPEPHAGIDAE	Coracina (Coracina) novaehollandiae	Black-faced Cuckoo-shrike	Expert distribution Coracina novaehollandiae	8275248.68
NEOSITTIDAE	Daphoenositta (Neositta) chrysoptera	Varied Sittella	Expert distribution Daphoenositta chrysoptera	4916038.89
ARDEIDAE	Botaurus poiciloptilus	Australasian Bittern	Expert distribution Botaurus poiciloptilus	1428949.90
CAMPEPHAGIDAE	Coracina (Pteropodocys) maxima	Ground Cuckoo-shrike	Expert distribution Coracina maxima	6417009.57
PHASIANIDAE	Coturnix (Coturnix) pectoralis	Stubble Quail	Expert distribution Coturnix pectoralis	6348551.61
ARTAMIDAE	Cracticus torquatus	Grey Butcherbird	Expert distribution Cracticus torquatus	6428212.34
THRESKIORNITHIDAE	Platalea (Platibis) flavipes	Yellow-billed Spoonbill	Expert distribution Platalea flavipes	4717240.77
Cacatuidae	Calyptorhynchus banksii naso	Forest Red-tailed Black-Cockatoo, Karrak	Expert distribution (maybe) Calyptorhynchus banksii naso	69024.65
CACATUIDAE	Calyptorhynchus (Zanda) latirostris	Carnaby's Black-cockatoo	Expert distribution Calyptorhynchus latirostris	249305.58
Macropodidae	Petrogale lateralis lateralis	Black-flanked Rock-wallaby	Expert distribution (likely) Petrogale lateralis lateralis	9055.63
Orchidaceae	Thelymitra stellata	Star Sun-orchid	Expert distribution (likely) Thelymitra stellata	9321.91
MELIPHAGIDAE	Phylidonyris albifrons	White-fronted Honeyeater	Expert distribution Phylidonyris albifrons	4042343.39
	Charadrius (Eupoda)		Expert distribution Charadrius	

CHARADRIIDAE	australis	Inland Dotterel	australis	2566074.29
PSITTACIDAE	Psephotus (Psephotus) varius	Mulga Parrot	Expert distribution Psephotus varius	3341400.38
CORVIDAE	Corvus bennetti	Little Crow	Expert distribution Corvus bennetti	5705338.98
Centrolepidaceae	Centrolepis caespitosa		Expert distribution (likely) Centrolepis caespitosa	50478.89
ACROCEPHALIDAE	Acrocephalus (Acrocephalus) australis	Australian Reed-warbler	Expert distribution Acrocephalus australis	3900510.52
ANHINGIDAE	Anhinga novaehollandiae	Australasian Darter	Expert distribution Anhinga novaehollandiae	7220532.85
PSITTACIDAE	Barnardius zonarius	Australian Ringneck	Expert distribution Barnardius zonarius	5326116.85
ACANTHIZIDAE	Calamanthus (Calamanthus) campestris	Rufous Fieldwren	Expert distribution Calamanthus campestris	1884126.72
ANATIDAE	Aythya (Nyroca) australis	Hardhead	Expert distribution Aythya australis	8179872.96
ANATIDAE	Tadorna (Casarca) tadornoides	Australian Shelduck	Expert distribution Tadorna tadornoides	3310144.12
ACCIPITRIDAE	Accipiter (Leucospiza) fasciatus	Brown Goshawk	Expert distribution Accipiter fasciatus	8215601.74
ACCIPITRIDAE	Aquila (Uroaetus) audax	Wedge-tailed Eagle	Expert distribution Aquila audax	7711600.67
Ardeidae	Ardea alba	Great Egret, White Egret	Expert distribution (likely) Ardea alba	7998335.02
OTIDIDAE	Ardeotis australis	Australian Bustard	Expert distribution Ardeotis australis	6747155.01
ARTAMIDAE	Artamus (Angroyan) cinereus	Black-faced Woodswallow	Expert distribution Artamus cinereus	7455889.31
ARTAMIDAE	Artamus (Campbellornis) personatus	Masked Woodswallow	Expert distribution Artamus personatus	7602300.12
CACATUIDAE	Calyptorhynchus (Calyptorhynchus) banksii	Red-tailed Black-cockatoo	Expert distribution Calyptorhynchus banksii	2812291.69
ANATIDAE	Chenonetta jubata	Australian Wood Duck	Expert distribution Chenonetta jubata	6020637.70
Haemodoraceae	Anigozanthos viridis subsp. terraspectans	Dwarf Green Kangaroo Paw	Expert distribution (likely) Anigozanthos viridis subsp. terraspectans	6141.36
Haemodoraceae	Anigozanthos viridis subsp. terraspectans	Dwarf Green Kangaroo Paw	Expert distribution (maybe) Anigozanthos viridis subsp. terraspectans	1264.56
Colletidae	Leioproctus douglasiellus	a short-tongued bee	Expert distribution (maybe) Leioproctus douglasiellus	105.17
Orchidaceae	Caladenia huegelii	King Spider-orchid, Grand Spider-orchid, Rusty Spider-orchid	Expert distribution (likely) Caladenia huegelii	13465.23
Proteaceae	Conospermum densiflorum subsp. unicephalatum	One-headed Smokebush	Expert distribution (maybe) Conospermum densiflorum subsp. unicephalatum	6133.23
Myrtaceae	Darwinia foetida	Muchea Bell	Expert distribution (likely) Darwinia foetida	11535.85
Cyperaceae	Eleocharis keigheryi	Keighery's Eleocharis	Expert distribution (likely) Eleocharis keigheryi	4205.19
Orchidaceae	Epiblema grandiflorum var. cyaneum	Baby Blue Orchid, Blue Babe-in-the-cradle Orchid, Blue Babe-in-a-cradle	Expert distribution (maybe) Epiblema grandiflorum var. cyaneum	4968.77
Myrtaceae	Eucalyptus balanites	Cadda Road Mallee, Cadda Mallee	Expert distribution (maybe) Eucalyptus balanites	13178.20
Myrtaceae	Eucalyptus leprophloia	Scaly Butt Mallee, Scaly-butt Mallee	Expert distribution (maybe) Eucalyptus leprophloia	10121.03
PETROICIDAE	Petroica (Petroica) multicolor	Pacific Robin	Expert distribution Petroica multicolor	1010505.57
HIRUNDINIDAE	Petrochelidon (Hylochelidon) nigricans nigricans	Australian Tree Martin	Expert distribution Hirundo nigricans	8367826.45
	Cygnus (Chenopis)			

ANATIDAE	atratus	Black Swan	Expert distribution Cygnus atratus	7281302.88
ARDEIDAE	Egretta novaehollandiae	White-faced Heron	Expert distribution Egretta novaehollandiae	7554193.63
MELIPHAGIDAE	Anthochaera (Anellobia) lunulata	Western Wattlebird	Expert distribution Anthochaera lunulata	237773.25
PSITTACIDAE	Platycercus (Violania) icterotis	Western Rosella	Expert distribution Platycercus icterotis	214600.22
Dasyuridae	Dasyurus geoffroii	Chuditch, Western Quoll	Expert distribution (likely) Dasyurus geoffroii	168509.46
Cacatuidae	Calyptorhynchus latirostris	Carnaby's Black-Cockatoo, Short-billed Black-Cockatoo	Expert distribution (likely) Calyptorhynchus latirostris	242986.70
ANATIDAE	Anas (Spatula) rhynchotis	Australasian Shoveler	Expert distribution Anas rhynchotis	4469444.80
MEGALURIDAE	Cincloramphus (Cincloramphus) cruralis	Brown Songlark	Expert distribution Cincloramphus cruralis	6413759.53
MEGALURIDAE	Cincloramphus (Maclennania) mathewsi	Rufous Songlark	Expert distribution Cincloramphus mathewsi	6703622.88
MALURIDAE	Malurus (Leggeornis) lamberti	Variegated Fairy-wren	Expert distribution Malurus lamberti	5949897.59
Rostratulidae	Rostratula benghalensis (sensu lato)	Painted Snipe	Expert distribution (maybe) Rostratula benghalensis (sensu lato)	4290580.99
CUCULIDAE	Chrysococcyx basalis	Horsfield's Bronze Cuckoo	Expert distribution Chrysococcyx basalis	7963191.79
CHARADRIIDAE	Erythrogonys cinctus	Red-kneed Dotterel	Expert distribution Erythrogonys cinctus	5131877.29
HIRUNDINIDAE	Hirundo ariel	Fairy Martin	Expert distribution Hirundo ariel	5393670.79
ACCIPITRIDAE	Lophoictinia isura	Square-tailed Kite	Expert distribution Lophoictinia isura	5787193.90
MELIPHAGIDAE	Melithreptus (Melithreptus) lunatus	White-naped Honeyeater	Expert distribution Melithreptus lunatus	1464130.07
MEROPIDAE	Merops (Merops) ornatus	Rainbow Bee-eater	Expert distribution Merops ornatus	7656493.44
MEGALURIDAE	Megalurus gramineus	Little Grassbird	Expert distribution Megalurus gramineus	3287342.46
ARTAMIDAE	Artamus (Angroyan) cyanopterus	Dusky Woodswallow	Expert distribution Artamus cyanopterus	3910611.37
ACANTHIZIDAE	Acanthiza (Geobasileus) inornata	Western Thornbill	Expert distribution Acanthiza inornata	137793.01
PETROICIDAE	Eopsaltria (Quoyornis) georgiana	White-breasted Robin	Expert distribution Eopsaltria georgiana	45384.46
Proteaceae	Grevillea corrugata	a shrub	Expert distribution (likely) Grevillea corrugata	2530.32
Orchidaceae	Thelymitra manginii K.Dixon & Batty ms.		Expert distribution (likely) Thelymitra manginii K.Dixon & Batty ms.	5356.88
Orchidaceae	Thelymitra manginii K.Dixon & Batty ms.		Expert distribution (maybe) Thelymitra manginii K.Dixon & Batty ms.	17072.95
Myrtaceae	Verticordia plumosa var. pleiobotrya	Narrow-petalled Featherflower, Mundijong Featherflower	Expert distribution (likely) Verticordia plumosa var. pleiobotrya	1151.24
MELIPHAGIDAE	Anthochaera (Anthochaera) carunculata	Red Wattlebird	Expert distribution Anthochaera carunculata	2179417.91
MALURIDAE	Malurus (Leggeornis) pulcherrimus	Blue-breasted Fairy-wren	Expert distribution Malurus pulcherrimus	380801.86
MALURIDAE	Stipiturus malachurus	Southern Emu-wren	Expert distribution Stipiturus malachurus	688746.16
CHARADRIIDAE	Thinornis rubricollis	Hooded Plover	Expert distribution Thinornis rubricollis	609957.58
FALCONIDAE	Falco (Ieracidea) berigora	Brown Falcon	Expert distribution Falco berigora	8309376.46
FALCONIDAE	Falco (Tinnunculus) cenchroides	Nankeen Kestrel	Expert distribution Falco cenchroides	8092779.67
ACCIPITRIDAE	Haliaeetus (Pontoaetus) leucogaster	White-bellied Sea-eagle	Expert distribution Haliaeetus leucogaster	5153916.36
	Himantopus himantopus		Expert distribution Himantopus	

RECURVIROSTRIDAE	leucocephalus	Banded Stilt	leucocephalus	8909101.48
CAMPEPHAGIDAE	Lalage tricolor	Australian White-winged Triller	Expert distribution Lalage tricolor	7665912.79
MELIPHAGIDAE	Lichmera (Lichmera) indistincta	Brown Honeyeater	Expert distribution Lichmera indistincta	5289757.25
PETROICIDAE	Microeca (Microeca) fascinans	Jacky Winter	Expert distribution Microeca fascinans	5323897.16
MELIPHAGIDAE	Manorina (Myzantha) flavigula	Yellow-throated Miner	Expert distribution Manorina flavigula	6844527.43
PETROICIDAE	Melanodryas (Melanodryas) cucullata	Hooded Robin	Expert distribution Melanodryas cucullata	6386250.78
HAEMATOPODIDAE	Haematopus fuliginosus	Sooty Oystercatcher	Expert distribution Haematopus fuliginosus	814979.94
MELIPHAGIDAE	Lichenostomus (Gavicalis) virescens	Singing Honeyeater	Expert distribution Lichenostomus virescens	7337047.11
MELIPHAGIDAE	Lichenostomus (Nesoptilotis) leucotis	White-eared Honeyeater	Expert distribution Lichenostomus leucotis	1981130.16
LARIDAE	Larus (Larus) pacificus	Pacific Gull	Expert distribution Larus pacificus	393068.72
ALCEDINIDAE	Todiramphus (Todiramphus) sanctus	Sacred Kingfisher	Expert distribution Todiramphus sanctus	8251815.38
ANATIDAE	Anas (Anas) superciliosa	Pacific Black Duck	Expert distribution Anas superciliosa	8885221.53
RALLIDAE	Porzana (Porzana) tabuensis	Spotless Crake	Expert distribution Porzana tabuensis	2328613.11
Cacatuidae	Calyptorhynchus baudinii	Baudin's Black-Cockatoo, Long-billed Black-Cockatoo	Expert distribution (likely) Calyptorhynchus baudinii	66073.94
Epacridaceae	Andersonia gracilis	Slender Andersonia	Expert distribution (likely) Andersonia gracilis	5603.88
Orchidaceae	Diuris purdiei	Purdie's Donkey-orchid	Expert distribution (maybe) Diuris purdiei	12414.69
Proteaceae	Grevillea althoferorum		Expert distribution (likely) Grevillea althoferorum	747.55
PSITTACIDAE	Glossopsitta porphyrocephala	Purple-crowned Lorikeet	Expert distribution Glossopsitta porphyrocephala	947168.82
PSOPHODIDAE	Psophodes (Phodopses) nigrogularis	Western Whipbird	Expert distribution Psophodes nigrogularis	210564.58
ESTRILDIDAE	Stagonopleura (Zonaeginthus) oculata	Red-eared Firetail	Expert distribution Stagonopleura oculata	82529.94
HIRUNDINIDAE	Hirundo (Hirundo) neoxena	Welcome Swallow	Expert distribution Hirundo neoxena	6051281.36
COLUMBIDAE	Ocyphaps lophotes	Crested Pigeon	Expert distribution Ocyphaps lophotes	7413153.51
PACHYCEPHALIDAE	Pachycephala (Alisterornis) rufiventris	Rufous Whistler	Expert distribution Pachycephala rufiventris	7241012.34
PARDALOTIDAE	Pardalotus (Pardalotinus) striatus	Striated Pardalote	Expert distribution Pardalotus striatus	6172513.14
MELIPHAGIDAE	Phylidonyris (Meliornis) niger	White-cheeked Honeyeater	Expert distribution Phylidonyris niger	1050960.21
PODICIPEDIDAE	Poliocephalus poliocephalus	Hoary-headed Grebe	Expert distribution Poliocephalus poliocephalus	7076105.52
RALLIDAE	Porzana (Porzana) fluminea	Australian Spotted Crake	Expert distribution Porzana fluminea	1982268.46
ACANTHIZIDAE	Pyrrholaemus brunneus	Redthroat	Expert distribution Pyrrholaemus brunneus	3297968.40
RHIPIDURIDAE	Rhipidura (Rhipidura) fuliginosa	New Zealand Fantail	Expert distribution Rhipidura fuliginosa	5840029.33
Rostratulidae	Rostratula australis	Australian Painted Snipe	Expert distribution (maybe) Rostratula australis	4290580.99
ARTAMIDAE	Strepera (Neostrepera) versicolor	Grey Currawong	Expert distribution Strepera versicolor	2109344.39
ALCEDINIDAE	Todiramphus (Cyanalcyon)	Red-backed Kingfisher	Expert distribution Todiramphus	7466637.09

	pyrrhopygius		pyrrhopygius	
TURNICIDAE	Turnix (Alphaturnia) velox	Little Button-quail	Expert distribution Turnix velox	7007734.60
TIMALIIDAE	Zosterops lateralis	Silvereye	Expert distribution Zosterops lateralis	2710961.04
ACCIPITRIDAE	Accipiter (Paraspizias) cirrocephalus	Collared Sparrowhawk	Expert distribution Accipiter cirrocephalus	5512908.79
AEGOTHELIDAE	Aegotheles (Aegotheles) cristatus	Australian Owlet-nightjar	Expert distribution Aegotheles cristatus	7734887.23
ACCIPITRIDAE	Elanus scriptus	Letter-winged Kite	Expert distribution Elanus scriptus	4311293.02
CACATUIDAE	Eolophus roseicapillus roseicapillus	Galah	Expert distribution Cacatua roseicapilla	7705836.89
MELIPHAGIDAE	Epthianura (Epthianura) albifrons	White-fronted Chat	Expert distribution Epthianura albifrons	2675057.83
MELIPHAGIDAE	Epthianura (Parepthianura) tricolor	Crimson Chat	Expert distribution Epthianura tricolor	5508389.08
COLUMBIDAE	Phaps (Phaps) chalcoptera	Common Bronzewing	Expert distribution Phaps chalcoptera	5913133.12
Ardeidae	Ardea ibis	Cattle Egret	Expert distribution (maybe) Ardea ibis	6474803.97
ANATIDAE	Anas (Nettion) castanea	Chestnut Teal	Expert distribution Anas castanea	3142293.12
FALCONIDAE	Falco (Falco) longipennis	Australian Hobby	Expert distribution Falco longipennis	8298592.48
RALLIDAE	Gallinula (Gallinula) tenebrosa	Dusky Moorhen	Expert distribution Gallinula tenebrosa	3818628.75
HAEMATOPODIDAE	Haematopus longirostris	Australian Pied Oystercatcher	Expert distribution Haematopus longirostris	871291.53
ACCIPITRIDAE	Haliastur sphenurus	Whistling Kite	Expert distribution Haliastur sphenurus	5610016.45
ACCIPITRIDAE	Hieraaetus (Hieraaetus) morphnoides	Little Eagle	Expert distribution Hieraaetus morphnoides	7295760.24
RHIPIDURIDAE	Rhipidura (Sauloprocta) leucophrys	Willie Wagtail	Expert distribution Rhipidura leucophrys	8437314.02
THRESKIORNITHIDAE	Threskiornis molucca	Australian White Ibis	Expert distribution Threskiornis molucca	5606446.57
TYTONIDAE	Tyto (Megastrix) novaehollandiae	Masked Owl	Expert distribution Tyto novaehollandiae	5149773.71
ACCIPITRIDAE	Elanus axillaris	Black-shouldered Kite	Expert distribution Elanus axillaris	7680926.93
ACANTHIZIDAE	Gerygone fusca	Western Gerygone	Expert distribution Gerygone fusca	3763661.46
APODIDAE	Apus (Apus) pacificus	Fork-tailed Swift	Expert distribution Apus pacificus	25317218.87
ARTAMIDAE	Cracticus tibicen	Australian Magpie	Expert distribution Gymnorhina tibicen	6938575.86
CHARADRIIDAE	Elseyornis melanops	Black-fronted Dotterel	Expert distribution Elseyornis melanops	7384843.66
CAPRIMULGIDAE	Eurostopodus (Eurostopodus) argus	Spotted Nightjar	Expert distribution Eurostopodus argus	7043900.66
PHALACROCORACIDAE	Phalacrocorax (Phalacrocorax) varius	Pied Cormorant	Expert distribution Phalacrocorax varius	4427211.02
PSITTACIDAE	Trichoglossus haematodus	Rainbow Lorikeet	Expert distribution Trichoglossus haematodus	3387784.21
THRESKIORNITHIDAE	Threskiornis spinicollis	Straw-necked Ibis	Expert distribution Threskiornis spinicollis	6591872.02
ACANTHIZIDAE	Acanthiza (Acanthiza) apicalis	Inland Thornbill	Expert distribution Acanthiza apicalis	4140081.56
MELIPHAGIDAE	Acanthagenys rufogularis	Spiny-cheeked Honeyeater	Expert distribution Acanthagenys rufogularis	6000053.87
PODICIPEDIDAE	Podiceps cristatus	Great Crested Grebe	Expert distribution Podiceps cristatus	30644062.36
SCOLOPACIDAE	Actitis hypoleucos	Common Sandpiper	Expert distribution Actitis hypoleucos	61323916.68
SCOLOPACIDAE	Calidris (Erolia) ferruginea	Curlew Sandpiper	Expert distribution Calidris ferruginea	17993095.28
ARDEIDAE	Ixobrychus minutus	Little Bittern	Expert distribution Ixobrychus minutus	29699169.81
PSITTACIDAE	Neophema (Neonanodes) elegans	Elegant Parrot	Expert distribution Neophema elegans	868300.05
	Tachybaptus		Expert distribution Tachybaptus	

PODICIPEDIDAE	novaehollandiae	Australasian Grebe	novaehollandiae	8158001.38
Meropidae	Merops ornatus	Rainbow Bee-eater	Expert distribution (maybe) Merops ornatus	7784899.62
Accipitridae	Haliaeetus leucogaster	White-bellied Sea-Eagle	Expert distribution (likely) Haliaeetus leucogaster	1987188.30
Myrtaceae	Chamelaucium sp. Gingin (N.G.Marchant 6)	Gingin Wax	Expert distribution (maybe) Chamelaucium sp. Gingin (N.G.Marchant 6)	5297.17
Orchidaceae	Diuris micrantha	Dwarf Bee-orchid	Expert distribution (maybe) Diuris micrantha	26354.64
Orchidaceae	Drakaea elastica	Glossy-leafed Hammer-orchid, Praying Virgin	Expert distribution (likely) Drakaea elastica	10569.36
Fabaceae	Acacia anomala	Grass Wattle, Chittering Grass Wattle	Expert distribution (likely) Acacia anomala	419.50
MALURIDAE	Malurus (Leggeornis) elegans	Red-winged Fairy-wren	Expert distribution Malurus elegans	71500.28
Proteaceae	Grevillea curviloba subsp. curviloba	Curved-leaf Grevillea	Expert distribution (likely) Grevillea curviloba subsp. curviloba	1052.81
Proteaceae	Grevillea curviloba subsp. incurva	Narrow curved-leaf Grevillea	Expert distribution (likely) Grevillea curviloba subsp. incurva	1794.47
Cyperaceae	Lepidosperma rostratum	Beaked Lepidosperma	Expert distribution (likely) Lepidosperma rostratum	3883.03
MONARCHIDAE	Grallina cyanoleuca	Magpie-lark	Expert distribution Grallina cyanoleuca	6774362.21
ACCIPITRIDAE	Circus approximans	Swamp Harrier	Expert distribution Circus approximans	5155720.31
MOTACILLIDAE	Anthus (Anthus) novaeseelandiae	Australasian Pipit	Expert distribution Anthus novaeseelandiae	6504213.91
ESTRILDIDAE	Lonchura (Munia) castaneothorax	Chestnut-breasted Mannikin	Expert distribution Lonchura castaneothorax	1873655.63
STRIGIDAE	Ninox (Ninox) novaeseelandiae	Southern Boobook	Expert distribution Ninox novaeseelandiae	8080194.91
PETROICIDAE	Petroica (Petroica) goodenovii	Red-capped Robin	Expert distribution Petroica goodenovii	6577525.66
ACANTHIZIDAE	Sericornis (Sericornis) frontalis	White-browed Scrubwren	Expert distribution Sericornis frontalis	1687669.44
ACANTHIZIDAE	Smicrornis brevirostris	Weebill	Expert distribution Smicrornis brevirostris	7261150.12
RALLIDAE	Tribonyx ventralis	Black-tailed Native-hen	Expert distribution Gallinula ventralis	4636120.02
TURNICIDAE	Turnix (Austroturnix) varius	Painted Button-quail	Expert distribution Turnix varius	2300628.94
CHARADRIIDAE	Vanellus (Lobivanellus) tricolor	Banded Lapwing	Expert distribution Vanellus tricolor	5665395.23
POMATOSTOMIDAE	Pomatostomus (Morganornis) superciliosus	White-browed Babbler	Expert distribution Pomatostomus superciliosus	4638332.32
ANATIDAE	Stictonetta naevosa	Freckled Duck	Expert distribution Stictonetta naevosa	2088858.97
	Phylidonyris melanops		Expert distribution Phylidonyris melanops	1138857.63
MELIPHAGIDAE	Melithreptus (Eidopsarus) brevirostris	Brown-headed Honeyeater	Expert distribution Melithreptus brevirostris	2009064.71
MELIPHAGIDAE	Phylidonyris (Meliornis) novaehollandiae	New Holland Honeyeater	Expert distribution Phylidonyris novaehollandiae	853809.19
Megapodiidae	Leipoa ocellata	Malleefowl	Expert distribution (likely) Leipoa ocellata	1801361.94
Potoroidae	Bettongia penicillata ogilbyi	Woylie	Expert distribution (likely) Bettongia penicillata ogilbyi	23246.65

Checklist Areas

Number of checklist areas: **0**

Table 33: Checklist Areas

Family	*Scientific Name*	Common Name	Area Name	Area sq km

JournalMap Articles

Number of JournalMap articles: **1**

Table 34: JournalMap Articles

Author/s	Year	Title	Publication	DOI	URL
	2007.	Revision of the Australian wolf spider genus Dingosa Roewer, 1955 (Araneae, Lycosidae).	Journal of Natural History.	10.1080/00222930701475717.	https://www.journalmap.org/articles/5672

Further Links

Geoscience Australia: http://www.ga.gov.au/
Global Biodiversity Information Facility: https://www.gbif.org/
Threatened Species & Ecological Communities: https://www.environment.gov.au/topics/threatened-species-ecological-communities
WWF Ecoregions: https://worldwildlife.org/biomes
Environmental Resources Information Network (ERIN): https://www.environment.gov.au/topics/science-and-research/databases-and-maps/erin
Australian National Fish Expert Distributions: https://collections.ala.org.au/public/show/dr803
Lists of Australian endemic species: http://Intreasures.com/australia.html

Federal

Department of the Environment: https://www.environment.gov.au/

State/Territory

Australian Capital Territory

Environment and Sustainable Development Directorate: https://www.environment.act.gov.au/

New South Wales

Office of Environment and Heritage: http://www.environment.nsw.gov.au/

Northern Territory

Department of Land Resource Management: 'https://www.lrm.nt.gov.au/

Queensland

Department of Environment and Heritage Protection: https://www.ehp.qld.gov.au/

South Australia

Department of Environment, Water and Natural Resources: 'https://www.environment.sa.gov.au/Home

Tasmania

Department of Primary Industries, Parks, Water and Environment: http://www.dpiw.tas.gov.au/

Western Australia

Department of Parks and Wildlife: https://www.dpaw.wa.gov.au/

Victoria

Department of Environment and Primary Industries: http://www.depi.vic.gov.au/

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GOVERNMENT OF WESTERN AUSTRALIA

Dandjoo Species List Export

Created by Guest User on 24 Jan 2025

Source	Dandjoo – Department of Biodiversity, Conservation and Attractions
Method	User defined circle: [[115.98331, -31.65314]] 6.0 km.
Date time	2025-01-24T14:53:06.159280+08:00

Conservation status summary	Count
CD	1
CR	5
Cons code inherited from parent; OS	1
EN	10
MI	1
None	858
OS	1
P1	5
P2	12
P3	30
P4	17
Parent of conservation listed taxa	6
VU	6
Total	**953**

Kingdoms	Count
Animalia	245
Plantae	708
Total unique species	**953**

#	Class	Family	Name	Establishment	Conservation
Animalia					
1	None	None	Nematoda		
2	None	None	Protenaster australis (Gray, 1851)		
3	None	None	Rotifera		
4	Amphibia	Limnodynastidae	Heleioporus albopunctatus Gray, 1841 *(Western Spotted Frog)*	native	
5	Amphibia	Limnodynastidae	Heleioporus barycragus Lee, 1967 *(Hooting Frog)*	native	
6	Amphibia	Limnodynastidae	Heleioporus eyrei (Gray, 1845)	native	
7	Amphibia	Limnodynastidae	Heleioporus inornatus (Lee & Main, 1954) *(Whooping Frog)*	native	
8	Amphibia	Limnodynastidae	Limnodynastes dorsalis (Gray, 1841)	native	
9	Amphibia	Limnodynastidae	Neobatrachus pelobatoides (Werner, 1914) *(Humming Frog)*	native	
10	Amphibia	Myobatrachidae	Crinia georgiana Tschudi, 1838	native	
11	Amphibia	Myobatrachidae	Crinia glauerti (Loveridge, 1933)	native	
12	Amphibia	Myobatrachidae	Crinia insignifera (Moore, 1954) *(Squelching Froglet)*	native	
13	Amphibia	Myobatrachidae	Pseudophryne guentheri Boulenger, 1882	native	
14	Amphibia	Pelodryadidae GÃ¼nther, 1858	Litoria adelaidensis (Gray, 1841)	native	
15	Arachnida	None	Araneae Clerck, 1757		
16	Arachnida	None	Mesostigmata		

17	Arachnida	Actinopodidae Simon, 1892	Missulena granulosa (O. P.-Cambridge, 1869)		
18	Arachnida	Anamidae Simon, 1889	Aname L. Koch, 1873		
19	Arachnida	Anamidae Simon, 1889	Proshermacha Simon, 1908		
20	Arachnida	Anapidae Simon, 1895	Raveniella peckorum Rix & Harvey, 2010		
21	Arachnida	Araneidae Clerck, 1757	Backobourkia Framenau, DupÃ©rrÃ©, Blackledge & Vink, 2010		
22	Arachnida	Barychelidae Simon, 1892	Idiommata Ausserer, 1871		
23	Arachnida	Barychelidae Simon, 1892	Idiommata blackwalli (O. Pickard-Cambridge, 1870)		
24	Arachnida	Buthidae C.L. Koch, 1837	Lychas C.L. Koch, 1845		
25	Arachnida	Desidae Pocock, 1895	Badumna insignis (L. Koch, 1872)		
26	Arachnida	Gnaphosidae Banks, 1892	Encoptarthria Main, 1954		
27	Arachnida	Gnaphosidae Banks, 1892	Gnaphosidae Banks, 1892		
28	Arachnida	Idiopidae Simon, 1889	Euoplos inornatus (Rainbow & Pulleine, 1918) *(inornate trapdoor spider (northern Jarrah Forest))*	native	P3
29	Arachnida	Idiopidae Simon, 1889	Idiosoma jarrah Rix & Harvey, None *(Jarrah Forrest shield-backed trapdoor spider)*	native	
30	Arachnida	Lycosidae	Dingosa serrata (L. Koch, 1877)		
31	Arachnida	Lycosidae	Tasmanicosa leuckarti (Thorell, 1870)		
32	Arachnida	Miturgidae Simon, 1889	Mituliodon tarantulinus (L. Koch, 1873)		
33	Arachnida	Miturgidae Simon, 1889	Miturgidae Simon, 1889		
34	Arachnida	Neopilionidae Lawrence, 1931	Ballarra longipalpus Hunt & Cokendolpher, 1991		
35	Arachnida	Nephilidae Simon, 1894	Trichonephila edulis (LabillardiÃ¨re, 1799)		
36	Arachnida	Salticidae Blackwall, 1841	Maratus pavonis (Dunn, 1947)		
37	Arachnida	Salticidae Blackwall, 1841	Opisthoncus L. Koch, 1880		
38	Arachnida	Sparassidae Bertkau, 1872	Delena Walckenaer, 1833		
39	Arachnida	Sparassidae Bertkau, 1872	Holconia westralia Hirst, 1991		
40	Arachnida	Theridiidae Sundevall, 1833	Theridiidae Sundevall, 1833		
41	Arachnida	Triaenonychidae	Nunciella Roewer, 1929		
42	Arachnida	Urodacidae	Urodacus Peters, 1861		
43	Arachnida	Urodacidae	Urodacus novaehollandiae Peters, 1861		
44	Arachnida	Zodariidae Thorell, 1881	Neostorena Rainbow, 1914		
45	Aves	Acanthizidae	Acanthiza apicalis apicalis Gould, 1847 *(Broad-tailed Thornbill, Inland Thornbill)*	native	
46	Aves	Acanthizidae	Gerygone fusca (Gould, 1838)	native	
47	Aves	Ardeidae	Botaurus poiciloptilus (Wagler, 1827)	native	EN
48	Aves	Artamidae	Artamus cinereus Vieillot, 1817	native	
49	Aves	Cacatuidae	Calyptorhynchus banksii naso Gould, 1837	native	VU
50	Aves	Cacatuidae	Zanda Mathews, 1913		Parent of conservation listed taxa
51	Aves	Cacatuidae	Zanda latirostris Carnaby, 1948	native	EN
52	Aves	Cuculidae	Chalcites lucidus plagosus (Latham, 1802)		
53	Aves	Estrildidae	Stagonopleura oculata (Quoy & Gaimard, 1830)	native	
54	Aves	Falconidae	Falco peregrinus Tunstall, 1771	native	OS
55	Aves	Falconidae	Falco peregrinus macropus Swainson, 1837	native	Cons code inherited from parent; OS
56	Aves	Hirundinidae	Hirundo neoxena Gould, 1842	native	
57	Aves	Maluridae	Malurus splendens (Quoy & Gaimard, 1830)	native	

58	Aves	Meliphagidae	Acanthorhynchus superciliosus Gould, 1837	native	
59	Aves	Meliphagidae	Epthianura albifrons (Jardine & Selby, 1828)	native	
60	Aves	Meliphagidae	Gavicalis virescens (Vieillot, 1817)	native	
61	Aves	Meliphagidae	Lichmera indistincta (Vigors & Horsfield, 1827)	native	
62	Aves	Meliphagidae	Phylidonyris niger gouldii (Schlegel, 1872)	native	
63	Aves	Monarchidae Bonaparte, 1854	Myiagra inquieta (Latham, 1802)	native	
64	Aves	Motacillidae	Anthus australis australis Vieillot, 1818	native	
65	Aves	Pachycephalidae	Pachycephala fuliginosa occidentalis Ramsay, 1878		
66	Aves	Pachycephalidae	Pachycephala rufiventris (Latham, 1802)	native	
67	Aves	Phalacrocoracidae	Phalacrocorax Brisson, 1760		
68	Aves	Phalacrocoracidae	Phalacrocorax varius (Gmelin, 1789)	native	
69	Aves	Procellariidae	Calonectris leucomelas (Temminck, 1835) *(Streaked Shearwater)*	native	MI
70	Aves	Psittaculidae	Barnardius zonarius (Shaw, 1805)		
71	Aves	Psittaculidae	Purpureicephalus spurius (Kuhl, 1820)		
72	Aves	Rhipiduridae	Rhipidura albiscapa preissi Cabanis, 1850	native	
73	Aves	Rostratulidae	Rostratula australis (Gould, 1838) *(Australian Painted Snipe)*	native	EN
74	Aves	Strigidae	Ninox boobook boobook (Latham, 1801)	native	
75	Aves	Tytonidae	Tyto javanica delicatula (Gould, 1837)		
76	Bivalvia	Hyriidae	Westralunio carteri Iredale, 1934	native	VU
77	Chilopoda Latreille, 1817	Scolopendridae	Cormocephalus Newport, 1845		
78	Chilopoda Latreille, 1817	Scolopendridae	Cormocephalus strigosus Kraepelin, 1908		
79	Chilopoda Latreille, 1817	Scolopendridae	Cormocephalus turneri Pocock, 1901		
80	Chilopoda Latreille, 1817	Scolopendridae	Scolopendra laeta Haase, 1887		
81	Clitellata	None	Oligochaeta Grube, 1850		
82	Clitellata	Enchytraeidae Vejdovsky, 1879	Enchytraeidae Vejdovsky, 1879		
83	Copepoda H. Milne Edwards, 1840	None	Harpacticoida Dana, 1846		
84	Copepoda H. Milne Edwards, 1840	Cyclopidae Rafinesque, 1815	Eucyclops edytae Tang & Knott, 2009		
85	Diplopoda de Blainville, 1844	Paradoxosomatidae	Antichiropus Attems, 1911		
86	Diplopoda de Blainville, 1844	Paradoxosomatidae	Antichiropus variabilis Attems, 1911		
87	Gastropoda	Bothriembryontidae Iredale, 1937	Bothriembryon bulla	native	
88	Insecta	None	Coleoptera		
89	Insecta	None	Diptera		
90	Insecta	Aeshnidae	Adversaeschna brevistyla (Rambur, 1842)		
91	Insecta	Aeshnidae	Austroaeschna anacantha Tillyard, 1908		
92	Insecta	Argiolestidae	Archiargiolestes pusillus (Tillyard, 1908)		
93	Insecta	Argiolestidae	Miniargiolestes minimus (Tillyard, 1908)		
94	Insecta	Asilidae Latreille, 1802	Chrysopogon albopunctatus (Macquart, 1846)		
95	Insecta	Bolboceratidae	Blackbolbus frontalis (GuÃ©rin-MÃ©neville, 1838)		
96	Insecta	Bombyliidae Latreille, 1802	Choristus Walker, 1852		
97	Insecta	Buprestidae Leach, 1815	Astraeus (Depollus) aberrans van de Poll, 1886		
98	Insecta	Buprestidae Leach, 1815	Calotemognatha yarelli (Gory & Laporte, 1838)		
99	Insecta	Buprestidae Leach, 1815	Calotemognatha yarelli elegans (GÃ©hin, 1855)		
100	Insecta	Buprestidae Leach, 1815	Calotemognatha yarelli yarelli (Gory & Laporte, 1838)		
		Buprestidae Leach,			

101	Insecta	1815	Castiarina aquila (Barker, 1980)		
102	Insecta	Buprestidae Leach, 1815	Castiarina filiformis (Blackburn, 1892)		
103	Insecta	Buprestidae Leach, 1815	Castiarina flaviceps (Carter, 1913)		
104	Insecta	Buprestidae Leach, 1815	Castiarina mimesis Barker, 1993		
105	Insecta	Buprestidae Leach, 1815	Castiarina nonyma Barker, 1996		
106	Insecta	Buprestidae Leach, 1815	Castiarina pallidiventris (Gory & Laporte, 1838)		
107	Insecta	Buprestidae Leach, 1815	Castiarina placida (Thomson, 1879)		
108	Insecta	Buprestidae Leach, 1815	Castiarina rufipennis (Kirby, 1818)		
109	Insecta	Buprestidae Leach, 1815	Diphucrania roseocuprea (Hope, 1846)		
110	Insecta	Buprestidae Leach, 1815	Diphucrania tyrrhena (Carter, 1923)		
111	Insecta	Buprestidae Leach, 1815	Melobasis Laporte & Gory, 1837		
112	Insecta	Buprestidae Leach, 1815	Melobasis gloriosa Laporte & Gory, 1837		
113	Insecta	Buprestidae Leach, 1815	Melobasis lathami (Laporte & Gory, 1837)		
114	Insecta	Buprestidae Leach, 1815	Melobasis vittata Blackburn, 1887		
115	Insecta	Buprestidae Leach, 1815	Neocuris Saunders, 1868		
116	Insecta	Buprestidae Leach, 1815	Neocuris discoflava Fairmaire, 1877		
117	Insecta	Buprestidae Leach, 1815	Neocuris thoracica Fairmaire, 1877		
118	Insecta	Buprestidae Leach, 1815	Temognatha bruckii (Thomson, 1878)		
119	Insecta	Buprestidae Leach, 1815	Temognatha chalcodera (Thomson, 1878)		
120	Insecta	Buprestidae Leach, 1815	Temognatha obscuripennis (Mannerheim, 1837)		
121	Insecta	Buprestidae Leach, 1815	Temognatha rectipennis (Blackburn, 1891)	native	
122	Insecta	Buprestidae Leach, 1815	Temognatha reichei (Gory & Laporte, 1838)		
123	Insecta	Castniidae	Synemon gratiosa Westwood, 1877 *(Graceful Sunmoth)*	native	P4
124	Insecta	Chironomidae	Chironomus		
125	Insecta	Chironomidae Newman, 1834	Cryptochironomus griseidorsum (Kieffer, 1917)		
126	Insecta	Chironomidae Newman, 1834	Orthocladiinae		
127	Insecta	Chironomidae Newman, 1834	Paralimnophyes pullulus (Skuse, 1889)		
128	Insecta	Chironomidae Newman, 1834	Paramerina levidensis (Skuse, 1889)		
129	Insecta	Chrysididae	Chrysis Linnaeus, 1761		
130	Insecta	Chrysididae	Chrysis lincea Fabricius, 1775		
131	Insecta	Coenagrionidae	Austroagrion cyane (Selys, 1876)		
132	Insecta	Coenagrionidae	Ischnura aurora (Brauer, 1865)		
133	Insecta	Coenagrionidae	Ischnura aurora aurora Brauer, 1865		
134	Insecta	Coenagrionidae	Xanthagrion erythroneurum (Selys, 1876)		
135	Insecta	Colletidae	Dasyhesma robusta Michener, 1965		
136	Insecta	Colletidae	Hylaeus (Planihylaeus) quadriceps (Smith, 1879)		
137	Insecta	Colletidae	Hylaeus (Sphaerhylaeus) globuliferus (Cockerell, 1929)	native	P3

			(woolybush bee)		
138	Insecta	Colletidae	Leioproctus (Andrenopsis) douglasiellus Michener, 1965 *(a short-tongued bee)*	native	EN
139	Insecta	Colletidae	Leioproctus (Colletopsis) contrarius Michener, 1965 *(a short-tongued bee)*	native	P3
140	Insecta	Colletidae	Leioproctus (Euryglossidia) Cockerell, 1910		
141	Insecta	Colletidae	Leioproctus (Leioproctus) Smith, 1853		
142	Insecta	Colletidae	Leioproctus		
143	Insecta	Colletidae	Trichocolletes Cockerell, 1912		
144	Insecta	Corduliidae	Hemicordulia tau (Selys, 1871)		
145	Insecta	Culicidae Meigen, 1818	Anopheles (Anopheles) atratipes Skuse, 1889		
146	Insecta	Culicidae Meigen, 1818	Culiseta (Culicella) atra (Lee, 1944)		
147	Insecta	Dytiscidae	Antiporus femoralis (Boheman, 1858)		
148	Insecta	Dytiscidae	Eretes australis (Erichson, 1842)		
149	Insecta	Dytiscidae	Lancetes lanceolatus (Clark, 1863)		
150	Insecta	Dytiscidae	Limbodessus inornatus (Sharp, 1882)		
151	Insecta	Dytiscidae	Megaporus howittii (Clark, 1862)		
152	Insecta	Dytiscidae	Necterosoma darwini (Babington, 1841)		
153	Insecta	Dytiscidae	Onychohydrus scutellaris (Germar, 1848)		
154	Insecta	Dytiscidae	Platynectes (Platynectes) aenescens Sharp, 1882		
155	Insecta	Dytiscidae	Rhantus suturalis (W. S. Macleay, 1825)		
156	Insecta	Halictidae	Lasioglossum (Chilalictus) Michener, 1965	mixed	
157	Insecta	Halictidae	Lasioglossum (Chilalictus) hemichalceum (Cockerell, 1923)		
158	Insecta	Halictidae	Lasioglossum (Chilalictus) lanarium (Smith, 1853)		
159	Insecta	Halictidae	Lipotriches (Austronomia) australica (Smith, 1875)		
160	Insecta	Hydrophilidae Latreille, 1802	Berosus (Berosus) approximans Fairmaire, 1879		
161	Insecta	Hydrophilidae Latreille, 1802	Berosus (Berosus) discolor Blackburn, 1888		
162	Insecta	Hydrophilidae Latreille, 1802	Berosus (Enoplurus) australiae Mulsant & Rey, 1858		
163	Insecta	Hydrophilidae Latreille, 1802	Berosus (Enoplurus) macumbensis Blackburn, 1896		
164	Insecta	Hydrophilidae Latreille, 1802	Enochrus (Methydrus) eyrensis (Blackburn, 1895)		
165	Insecta	Hydrophilidae Latreille, 1802	Limnoxenus zealandicus (Broun, 1880)		
166	Insecta	Kalotermitidae	Kalotermes aemulus Sewell & Gay, 1978		
167	Insecta	Lestidae	Austrolestes annulosus (Selys, 1862) *(Blue Ringtail)*		
168	Insecta	Libellulidae	Austrothemis nigrescens (Martin, 1901)		
169	Insecta	Libellulidae	Diplacodes bipunctata (Brauer, 1865)		
170	Insecta	Libellulidae	Nannophya dalei (Tillyard, 1908)		
171	Insecta	Libellulidae	Orthetrum caledonicum (Brauer, 1865)		
172	Insecta	Megachilidae	Megachile (Eutricharaea) chrysopyga Smith, 1853		
173	Insecta	Megachilidae	Megachile (Hackeriapis) Cockerell, 1922		
174	Insecta	Megachilidae	Megachile aurifrons Smith, 1853		
175	Insecta	Melolonthidae Samouelle, 1819	Omaloplia SchÃ¶nherr, 1817		
176	Insecta	Nemopteridae	Chasmoptera huttii (Westwood, 1848)		
177	Insecta	Pentatomidae	Alcaeus hermannsburgi (Distant, 1910)		
178	Insecta	Pentatomidae	Dictyotus caenosus (Westwood, 1837)		
179	Insecta	Pentatomidae	Dictyotus conspicuus Gross, 1975		
180	Insecta	Pentatomidae	Pseudapines geminata (Van Duzee, 1905)		
181	Insecta	Pentatomidae	Trachyops australis Dallas, 1851		
182	Insecta	Petaluridae	Petalura hesperia Watson, 1958		
183	Insecta	Pompilidae	Calopompilus Ashmead, 1900		
184	Insecta	Rhinotermitidae	Heterotermes intermedius Hill, 1932		

185	Insecta	Ripiphoridae	Ripiphoridae		
186	Insecta	Scarabaeidae	Onthophagus ferox Harold, 1867		
187	Insecta	Synthemistidae	Archaeosynthemis leachii (Selys, 1871)		
188	Insecta	Synthemistidae	Archaeosynthemis occidentalis Tillyard, 1910		
189	Insecta	Synthemistidae	Austrosynthemis cyanitincta (Tillyard, 1908)		
190	Insecta	Termitidae	Amitermes obeuntis (Silvestri, 1909)		
191	Insecta	Termitidae	Amitermes procerus Gay, 1968		
192	Insecta	Termitidae	Microcerotermes serratus (Froggatt, 1898)		
193	Insecta	Termitidae	Occasitermes occasus (Silvestri, 1909)		
194	Insecta	Thripidae	Thrips imaginis Bagnall, 1926		
195	Insecta	Veliidae	Microvelia		
196	Malacostraca	Parastacidae	Cherax Erichson, 1846		
197	Malacostraca	Parastacidae	Cherax quinquecarinatus (Gray, 1845)		
198	Mammalia	Dasyuridae	Dasyurus geoffroii Gould, 1841	native	VU
199	Mammalia	Dasyuridae	Phascogale tapoatafa wambenger Aplin, Rhind, Ten Have & Chesser, 2015 *(South-western Brush-tailed Phascogale)*	native	CD
200	Mammalia	Macropodidae	Macropus fuliginosus melanops Gould, 1842 *(Western Grey Kangaroo)*	native	
201	Mammalia	Macropodidae	Notamacropus eugenii derbianus J.E. Gray, 1837 *(Tammar Wallaby)*	native	P4
202	Mammalia	Macropodidae	Notamacropus irma (Jourdan, 1837) *(Western Brush Wallaby)*	native	P4
203	Mammalia	Macropodidae	Petrogale lateralis lateralis Gould, 1842 *(Black-flanked Rock-wallaby)*	native	EN
204	Mammalia	Muridae	Hydromys chrysogaster Geoffroy, 1804 *(Water-rat)*	native	P4
205	Mammalia	Muridae	Mus musculus	alien	
206	Mammalia	Muridae	Rattus rattus (Linnaeus, 1758) *(Black Rat)*	alien	
207	Mammalia	Peramelidae	Isoodon fusciventer (Gray, 1841)	native	P4
208	Mammalia	Peramelidae	Isoodon obesulus (Shaw, 1797)	native	
209	Mammalia	Tarsipedidae	Tarsipes rostratus Gervais & Verraux, 1842	native	
210	Mammalia	Thylacomyidae	Macrotis lagotis (Reid, 1837) *(Bilby)*	native	VU
211	Mammalia	Vespertilionidae	Vespadelus regulus (Thomas, 1906) *(Southern Forest Bat)*	native	
212	Reptilia	Agamidae	Ctenophorus adelaidensis (Gray, 1841) *(Southern Heath Dragon)*	native	
213	Reptilia	Chelidae	Chelodina oblonga Gray, 1841 *(Oblong turtle)*	native	
214	Reptilia	Chelidae	Pseudemydura umbrina Siebenrock, 1901 *(Western Swamp Tortoise)*	native	CR
215	Reptilia	Diplodactylidae	Strophurus spinigerus spinigerus (Gray, 1842) *(Soft spiny-tailed gecko)*	native	
216	Reptilia	Elapidae	Brachyurophis semifasciatus (GÃ¼nther, 1863) *(Southern Shovel-nosed Snake)*	native	
217	Reptilia	Elapidae	Echiopsis curta (Schlegel, 1837) *(Bardick)*	native	
218	Reptilia	Elapidae	Narophis bimaculatus (A.M.C. DumÃ©ril, Bibron & A. DumÃ©ril, 1854)	native	
219	Reptilia	Elapidae	Neelaps calonotos (A.M.C. DumÃ©ril, Bibron & A. DumÃ©ril, 1854) *(Black-striped Snake)*	native	P3
220	Reptilia	Elapidae	Pseudechis australis (Gray, 1842) *(Mulga Snake)*	native	
221	Reptilia	Elapidae	Pseudonaja affinis affinis GÃ¼nther, 1872 *(Dugite)*	native	
222	Reptilia	Elapidae	Simoselaps bertholdi (Jan, 1859) *(Jan's Banded Snake)*	native	
223	Reptilia	Elapidae	Suta gouldii (Gray, 1841) *(Gould's Hooded Snake)*		
224	Reptilia	Pygopodidae	Aprasia repens (Fry, 1914)	native	
225	Reptilia	Pygopodidae	Delma fraseri Gray, 1831 *(Fraser's Delma, Fraser's Legless Lizard)*	native	
226	Reptilia	Pygopodidae	Delma grayii Smith, 1849 *(Side-barred Delma)*	native	
227	Reptilia	Pygopodidae	Lialis burtonis Gray, 1835 *(Burton's Snake-lizard)*	native	
228	Reptilia	Pygopodidae	Pletholax gracilis Cope, 1864	native	
229	Reptilia	Pygopodidae	Pygopus lepidopodus (LacÃ©pÃ¨de, 1804) *(Common Scaly Foot)*	native	
230	Reptilia	Scincidae	Acritoscincus trilineatus (Gray, 1839)	native	
231	Reptilia	Scincidae	Cryptoblepharus buchananii (Gray, 1838)	native	
232	Reptilia	Scincidae	Ctenotus fallens Storr, 1974	native	

233	Reptilia	Scincidae	Ctenotus gemmula (Swan Coastal Plain subpopulation) Storr, 1974 *(Jewelled South-west Ctenotus (Swan Coastal Plain pop P3), skink)*	native	P3
234	Reptilia	Scincidae	Ctenotus gemmula Storr, 1974 *(Jewelled South-west Ctenotus (Swan Coastal Plain subpop P3))*	native	Parent of conservation listed taxa
235	Reptilia	Scincidae	Egernia napoleonis (Gray, 1838)	native	
236	Reptilia	Scincidae	Hemiergis quadrilineata (Dumeril & Bibron, 1839)	native	
237	Reptilia	Scincidae	Lerista elegans (Gray, 1845)	native	
238	Reptilia	Scincidae	Lerista lineopunctulata (Dumeril & Bibron, 1839) *(Line-spotted Robust Slider)*	native	
239	Reptilia	Scincidae	Lerista praepedita (Boulenger, 1987)	native	
240	Reptilia	Scincidae	Menetia greyii Gray, 1845	native	
241	Reptilia	Scincidae	Morethia lineoocellata (Dumeril & Bibron, 1839) *(West Coast Morethia Skink)*	native	
242	Reptilia	Scincidae	Morethia obscura (Storr, 1973)	native	
243	Reptilia	Scincidae	Tiliqua rugosa rugosa (Gray, 1825)	native	
244	Reptilia	Typhlopidae Merrem, 1820	Anilios australis Gray, 1845	native	
245	Reptilia	Typhlopidae Merrem, 1820	Anilios waitii (Boulenger, 1895) *(Beaked Blind Snake)*	native	

Plantae

246	Bryopsida	Dicranaceae Schimp.	Campylopus introflexus (Hedw.) Brid.	alien	
247	Bryopsida	Pottiaceae Schimp.	Barbula calycina SchwÃ¤gr.	native	
248	Charophyceae	Characeae Gray	Nitella tasmanica A.Braun	native	
249	Cycadopsida	Zamiaceae Horan.	Macrozamia fraseri Miq.	native	
250	Isoetopsida	Selaginellaceae Willk.	Selaginella gracillima (Kunze) Salomon *(Tiny Clubmoss)*	native	
251	Jungermanniopsida	Acrobolbaceae E.A.Hodgs.	Goebelobryum unguiculatum (Hook.f. & Taylor) Grolle	native	
252	Jungermanniopsida	Acrobolbaceae E.A.Hodgs.	Lethocolea pansa (Taylor) G.A.M.Scott & K.G.Beckm.	native	
253	Liliopsida	Anarthriaceae D.F.Cutler & Airy Shaw	Anarthria laevis R.Br.	native	
254	Liliopsida	Anarthriaceae D.F.Cutler & Airy Shaw	Lyginia barbata R.Br.	native	
255	Liliopsida	Anarthriaceae D.F.Cutler & Airy Shaw	Lyginia imberbis R.Br.	native	
256	Liliopsida	Araceae Juss.	Lemna disperma Hegelm. *(Duckweed)*	native	
257	Liliopsida	Araceae Juss.	Zantedeschia aethiopica (L.) Spreng. *(Arum Lily)*	alien	
258	Liliopsida	Asparagaceae Juss.	Acanthocarpus canaliculatus A.S.George	native	
259	Liliopsida	Asparagaceae Juss.	Chamaexeros macranthera Kuchel	native	
260	Liliopsida	Asparagaceae Juss.	Dichopogon preissii (Endl.) Brittan	native	
261	Liliopsida	Asparagaceae Juss.	Laxmannia ramosa Lindl. *(Branching Lily)*	native	
262	Liliopsida	Asparagaceae Juss.	Laxmannia ramosa Lindl. subsp. ramosa *(Branching Lily)*	native	
263	Liliopsida	Asparagaceae Juss.	Laxmannia sessiliflora subsp. australis Keighery	native	
264	Liliopsida	Asparagaceae Juss.	Laxmannia squarrosa Lindl. *(Paper Lily)*	native	
265	Liliopsida	Asparagaceae Juss.	Lomandra caespitosa (Benth.) Ewart *(Tufted Mat Rush)*	native	
266	Liliopsida	Asparagaceae Juss.	Lomandra hermaphrodita (C.R.P.Andrews) C.A.Gardner	native	
267	Liliopsida	Asparagaceae Juss.	Lomandra micrantha (Endl.) Ewart *(Small-flower Mat-rush)*	native	
268	Liliopsida	Asparagaceae Juss.	Lomandra preissii (Endl.) Ewart *(Preiss' Mat Rush)*	native	
269	Liliopsida	Asparagaceae Juss.	Lomandra sericea (Endl.) Ewart *(Silky Mat Rush)*	native	
270	Liliopsida	Asparagaceae Juss.	Lomandra suaveolens (Endl.) Ewart	native	
271	Liliopsida	Asparagaceae Juss.	Sowerbaea laxiflora Lindl. *(Purple Tassels)*	native	
272	Liliopsida	Asparagaceae Juss.	Thysanotus R.Br.		
273	Liliopsida	Asparagaceae Juss.	Thysanotus arbuscula Baker	native	
274	Liliopsida	Asparagaceae Juss.	Thysanotus manglesianus Kunth *(Fringed Lily, Mangles' Fringed Lily)*	native	

275	Liliopsida	Asparagaceae Juss.	Thysanotus multiflorus R.Br. *(Many-flowered Fringe Lily)*	native	
276	Liliopsida	Asparagaceae Juss.	Thysanotus patersonii R.Br. *(Paterson's Fringed Lily)*	native	
277	Liliopsida	Asparagaceae Juss.	Thysanotus sparteus R.Br. *(Leafless Fringed Lily)*	native	
278	Liliopsida	Asparagaceae Juss.	Thysanotus tenellus Endl.	native	
279	Liliopsida	Asparagaceae Juss.	Thysanotus thyrsoideus Baker	native	
280	Liliopsida	Asparagaceae Juss.	Thysanotus triandrus (Labill.) R.Br. *(Three-stamened Fringe Lily)*	native	
281	Liliopsida	Boryaceae (Baker) M.W.Chase, Rudall & Conran	Borya sphaerocephala R.Br. *(Pincushions)*	native	
282	Liliopsida	Centrolepidaceae Endl.	Aphelia cyperoides R.Br.	native	
283	Liliopsida	Centrolepidaceae Endl.	Aphelia nutans Benth.	native	
284	Liliopsida	Centrolepidaceae Endl.	Centrolepis Labill.		
285	Liliopsida	Centrolepidaceae Endl.	Centrolepis aristata (R.Br.) Poir. *(Pointed Centrolepis)*	native	
286	Liliopsida	Centrolepidaceae Endl.	Centrolepis drummondiana (Nees) Walp. *(Drummond's Centrolepis)*	native	
287	Liliopsida	Centrolepidaceae Endl.	Centrolepis inconspicua W.Fitzg.	native	
288	Liliopsida	Centrolepidaceae Endl.	Centrolepis mutica (R.Br.) Hieron.	native	
289	Liliopsida	Centrolepidaceae Endl.	Centrolepis pilosa Hieron.	native	
290	Liliopsida	Centrolepidaceae Endl.	Centrolepis polygyna (R.Br.) Hieron. *(Wiry Centrolepis)*	native	
291	Liliopsida	Colchicaceae DC.	Baeometra uniflora (Jacq.) G.J.Lewis	alien	
292	Liliopsida	Colchicaceae DC.	Burchardia bairdiae Keighery	native	
293	Liliopsida	Colchicaceae DC.	Burchardia congesta Lindl. *(Milkmaids)*	native	
294	Liliopsida	Colchicaceae DC.	Burchardia multiflora Lindl. *(Dwarf Burchardia)*	native	
295	Liliopsida	Colchicaceae DC.	Wurmbea Thunb.		
296	Liliopsida	Colchicaceae DC.	Wurmbea dioica subsp. alba T.Macfarlane	native	
297	Liliopsida	Cyperaceae Juss.	Bolboschoenus caldwellii (V.J.Cook) Sojak *(Marsh Club-rush)*	native	
298	Liliopsida	Cyperaceae Juss.	Caustis dioica R.Br.	native	
299	Liliopsida	Cyperaceae Juss.	Chaetospora curvifolia R.Br.	native	
300	Liliopsida	Cyperaceae Juss.	Cyathochaeta avenacea (R.Br.) Benth.	native	
301	Liliopsida	Cyperaceae Juss.	Cyathochaeta teretifolia W.Fitzg.	native	P3
302	Liliopsida	Cyperaceae Juss.	Cyperus congestus Vahl *(Dense Flat-sedge)*	alien	
303	Liliopsida	Cyperaceae Juss.	Cyperus polystachyos Rottb. *(Bunchy Sedge)*	mixed	
304	Liliopsida	Cyperaceae Juss.	Cyperus tenellus L.f. *(Tiny Flatsedge)*	alien	
305	Liliopsida	Cyperaceae Juss.	Cyperus tenuiflorus Rottb. *(Scaly Sedge)*	alien	
306	Liliopsida	Cyperaceae Juss.	Eleocharis keigheryi K.L.Wilson	native	VU
307	Liliopsida	Cyperaceae Juss.	Ficinia marginata (Thunb.) Fourc.		
308	Liliopsida	Cyperaceae Juss.	Ficinia nodosa (Rottb.) Goetgh., Muasya & D.A.Simpson *(Knotted Club Rush)*	native	
309	Liliopsida	Cyperaceae Juss.	Isolepis R.Br.		
310	Liliopsida	Cyperaceae Juss.	Isolepis cernua (Vahl) Roem. & Schult. *(Nodding Club-rush)*	native	
311	Liliopsida	Cyperaceae Juss.	Isolepis cernua var. setiformis (Benth.) Muasya *(Nodding Club Rush)*	native	
312	Liliopsida	Cyperaceae Juss.	Isolepis cyperoides R.Br.	native	
313	Liliopsida	Cyperaceae Juss.	Isolepis hystrix (Thunb.) Nees	alien	
314	Liliopsida	Cyperaceae Juss.	Isolepis oldfieldiana (S.T.Blake) K.L.Wilson	native	
315	Liliopsida	Cyperaceae Juss.	Lepidosperma Labill.		
316	Liliopsida	Cyperaceae Juss.	Lepidosperma angustatum R.Br.	native	
317	Liliopsida	Cyperaceae Juss.	Lepidosperma longitudinale Labill. *(Pithy Sword-sedge)*	native	
318	Liliopsida	Cyperaceae Juss.	Machaerina arthrophylla (Nees) T.Koyama	native	
319	Liliopsida	Cyperaceae Juss.	Machaerina juncea (R.Br.) T.Koyama *(Bare Twigrush)*	native	
320	Liliopsida	Cyperaceae Juss.	Machaerina rubiginosa (Spreng.) T.Koyama	native	
321	Liliopsida	Cyperaceae Juss.	Mesomelaena tetragona (R.Br.) Benth. *(Semaphore Sedge)*	native	
322	Liliopsida	Cyperaceae Juss.	Netrostylis sp. Chandala (G.J. Keighery 17055)	native	P2
323	Liliopsida	Cyperaceae Juss.	Schoenus L.		
324	Liliopsida	Cyperaceae Juss.	Schoenus asperocarpus F.Muell. *(Poison Sedge)*	native	
325	Liliopsida	Cyperaceae Juss.	Schoenus brevisetis (R.Br.) Poir.	native	

326	Liliopsida	Cyperaceae Juss.	Schoenus capillifolius D.A.Cooke	native	P3
327	Liliopsida	Cyperaceae Juss.	Schoenus clandestinus S.T.Blake	native	
328	Liliopsida	Cyperaceae Juss.	Schoenus discifer Tate	native	
329	Liliopsida	Cyperaceae Juss.	Schoenus efoliatus F.Muell.	native	
330	Liliopsida	Cyperaceae Juss.	Schoenus elegans S.T.Blake	native	
331	Liliopsida	Cyperaceae Juss.	Schoenus griffinianus K.L.Wilson	native	P4
332	Liliopsida	Cyperaceae Juss.	Schoenus humilis Benth.	native	
333	Liliopsida	Cyperaceae Juss.	Schoenus maschalinus Roem. & Schult.	native	
334	Liliopsida	Cyperaceae Juss.	Schoenus nanus (Nees) Benth. *(Tiny Bog Rush)*	native	
335	Liliopsida	Cyperaceae Juss.	Schoenus natans (F.Muell.) Benth. *(Floating Bog-rush)*	native	P4
336	Liliopsida	Cyperaceae Juss.	Schoenus plumosus Rye	native	
337	Liliopsida	Cyperaceae Juss.	Schoenus rigens S.T.Blake	native	
338	Liliopsida	Cyperaceae Juss.	Schoenus sculptus (Nees) Boeckeler *(Gimlet Bog-rush)*	native	
339	Liliopsida	Cyperaceae Juss.	Schoenus sp. Bullsbrook (J.J. Alford 915)	native	P2
340	Liliopsida	Cyperaceae Juss.	Schoenus sp. Waroona (G.J. Keighery 12235)	native	P3
341	Liliopsida	Cyperaceae Juss.	Schoenus tenellus Benth.	native	
342	Liliopsida	Cyperaceae Juss.	Schoenus unispiculatus Benth.	native	
343	Liliopsida	Dasypogonaceae Dumort.	Calectasia cyanea R.Br. *(Blue Tinsel Lily)*	native	CR
344	Liliopsida	Dasypogonaceae Dumort.	Calectasia elegans R.L.Barrett *(Elegant Tinsel Lily)*	native	CR
345	Liliopsida	Dasypogonaceae Dumort.	Calectasia narragara R.L.Barrett & K.W.Dixon *(Star of Bethlehem)*	native	
346	Liliopsida	Dasypogonaceae Dumort.	Dasypogon bromeliifolius R.Br. *(Pineapple Bush)*	native	
347	Liliopsida	Haemodoraceae R.Br.	Anigozanthos bicolor Endl. subsp. bicolor	native	
348	Liliopsida	Haemodoraceae R.Br.	Anigozanthos humilis Lindl. *(Catspaw)*	native	
349	Liliopsida	Haemodoraceae R.Br.	Anigozanthos humilis Lindl. subsp. humilis *(Catspaw)*	native	
350	Liliopsida	Haemodoraceae R.Br.	Anigozanthos humilis subsp. chrysanthus Hopper *(Golden Catspaw)*	native	P4
351	Liliopsida	Haemodoraceae R.Br.	Anigozanthos manglesii D.Don	native	
352	Liliopsida	Haemodoraceae R.Br.	Anigozanthos manglesii subsp. quadrans Hopper	native	
353	Liliopsida	Haemodoraceae R.Br.	Anigozanthos preissii Endl. *(Albany Catspaw)*	native	
354	Liliopsida	Haemodoraceae R.Br.	Anigozanthos viridis Endl. *(Green Kangaroo Paw)*	native	
355	Liliopsida	Haemodoraceae R.Br.	Anigozanthos viridis Endl. subsp. viridis	native	
356	Liliopsida	Haemodoraceae R.Br.	Anigozanthos viridis subsp. Cataby (S.D. Hopper 1786)	native	
357	Liliopsida	Haemodoraceae R.Br.	Conostylis R.Br.		
358	Liliopsida	Haemodoraceae R.Br.	Conostylis aculeata R.Br. *(Prickly Conostylis)*	native	
359	Liliopsida	Haemodoraceae R.Br.	Conostylis aculeata R.Br. subsp. aculeata	native	
360	Liliopsida	Haemodoraceae R.Br.	Conostylis aculeata subsp. bromelioides (Endl.) J.W.Green	native	
361	Liliopsida	Haemodoraceae R.Br.	Conostylis aculeata subsp. cygnorum Hopper	native	
362	Liliopsida	Haemodoraceae R.Br.	Conostylis aurea Lindl. *(Golden Conostylis)*	native	
363	Liliopsida	Haemodoraceae R.Br.	Conostylis caricina Lindl.	native	
364	Liliopsida	Haemodoraceae R.Br.	Conostylis caricina Lindl. subsp. caricina	native	
365	Liliopsida	Haemodoraceae R.Br.	Conostylis juncea Endl.	native	
366	Liliopsida	Haemodoraceae R.Br.	Conostylis setigera R.Br. *(Bristly Cottonhead)*	native	
367	Liliopsida	Haemodoraceae R.Br.	Conostylis setigera R.Br. subsp. setigera *(Bristly Cottonhead)*	native	
368	Liliopsida	Haemodoraceae R.Br.	Conostylis setosa Lindl. *(White Cottonhead)*	native	
369	Liliopsida	Haemodoraceae R.Br.	Haemodorum Sm.		
370	Liliopsida	Haemodoraceae R.Br.	Haemodorum discolor T.Macfarlane	native	
371	Liliopsida	Haemodoraceae R.Br.	Haemodorum laxum R.Br. *(Bloodroot)*	native	
372	Liliopsida	Haemodoraceae R.Br.	Haemodorum loratum T.Macfarlane	native	P3
373	Liliopsida	Haemodoraceae R.Br.	Haemodorum simplex Lindl.	native	
374	Liliopsida	Haemodoraceae R.Br.	Haemodorum spicatum R.Br. *(Bohn)*	native	
375	Liliopsida	Haemodoraceae R.Br.	Haemodorum venosum T.Macfarlane	native	
376	Liliopsida	Haemodoraceae R.Br.	Macropidia fuliginosa (Hook.) Druce *(Black Kangaroo Paw)*	native	

377	Liliopsida	Haemodoraceae R.Br.	Phlebocarya ciliata R.Br.	native	
378	Liliopsida	Haemodoraceae R.Br.	Phlebocarya filifolia (F.Muell.) Benth.	native	
379	Liliopsida	Haemodoraceae R.Br.	Phlebocarya pilosissima (F.Muell.) Benth. subsp. pilosissima	native	P3
380	Liliopsida	Haemodoraceae R.Br.	Tribonanthes australis Endl. *(Southern Tiurndin)*	native	
381	Liliopsida	Haemodoraceae R.Br.	Tribonanthes longipetala Lindl. *(Branching Tiurndin)*	native	
382	Liliopsida	Hemerocallidaceae R.Br.	Agrostocrinum hirsutum (Lindl.) Keighery	native	
383	Liliopsida	Hemerocallidaceae R.Br.	Agrostocrinum scabrum (R.Br.) Baill. subsp. scabrum	native	
384	Liliopsida	Hemerocallidaceae R.Br.	Arnocrinum preissii Endl.	native	
385	Liliopsida	Hemerocallidaceae R.Br.	Caesia R.Br.		
386	Liliopsida	Hemerocallidaceae R.Br.	Caesia micrantha Lindl. *(Pale Grass Lily)*	native	
387	Liliopsida	Hemerocallidaceae R.Br.	Chamaescilla corymbosa (R.Br.) Benth. *(Blue Squill)*	native	
388	Liliopsida	Hemerocallidaceae R.Br.	Chamaescilla gibsonii Keighery	native	P3
389	Liliopsida	Hemerocallidaceae R.Br.	Chamaescilla versicolor (Lindl.) Ostenf.	native	
390	Liliopsida	Hemerocallidaceae R.Br.	Corynotheca elongata (R.J.F.Hend.) R.L.Barrett & T.Macfarlane *(Spreading Sand Lily)*	native	
391	Liliopsida	Hemerocallidaceae R.Br.	Dianella revoluta R.Br. *(Blueberry Lily)*	native	
392	Liliopsida	Hemerocallidaceae R.Br.	Johnsonia pubescens Lindl. *(Pipe Lily)*	native	
393	Liliopsida	Hemerocallidaceae R.Br.	Johnsonia pubescens Lindl. subsp. pubescens	native	
394	Liliopsida	Hemerocallidaceae R.Br.	Stypandra glauca R.Br. *(Blind Grass)*	native	
395	Liliopsida	Hemerocallidaceae R.Br.	Tricoryne elatior R.Br. *(Yellow Autumn Lily)*	native	
396	Liliopsida	Hemerocallidaceae R.Br.	Tricoryne tenella R.Br.	native	
397	Liliopsida	Iridaceae Juss.	Gladiolus caryophyllaceus (Burm.f.) Poir. *(Wild Gladiolus)*	alien	
398	Liliopsida	Iridaceae Juss.	Hesperantha falcata (L.f.) Ker Gawl.	alien	
399	Liliopsida	Iridaceae Juss.	Moraea flaccida (Sweet) Steud. *(One-leaf Cape Tulip)*	alien	
400	Liliopsida	Iridaceae Juss.	Moraea miniata Andrews *(Two-leaf Cape Tulip)*	alien	
401	Liliopsida	Iridaceae Juss.	Patersonia juncea Lindl. *(Rush Leaved Patersonia)*	native	
402	Liliopsida	Iridaceae Juss.	Patersonia occidentalis R.Br. *(Purple Flag)*	native	
403	Liliopsida	Iridaceae Juss.	Patersonia occidentalis R.Br. var. occidentalis *(Purple Flag)*	native	
404	Liliopsida	Iridaceae Juss.	Romulea rosea (L.) Eckl. *(Guildford Grass)*	alien	
405	Liliopsida	Iridaceae Juss.	Romulea rosea var. australis (Ewart) M.P.de Vos *(Guildford Grass)*	alien	
406	Liliopsida	Juncaceae Juss.	Juncus bufonius L. *(Toad Rush)*	alien	
407	Liliopsida	Juncaceae Juss.	Juncus capitatus Weigel *(Capitate Rush)*	alien	
408	Liliopsida	Juncaceae Juss.	Juncus holoschoenus R.Br. *(Jointleaf Rush)*	native	
409	Liliopsida	Juncaceae Juss.	Juncus pallidus R.Br. *(Pale Rush)*	native	
410	Liliopsida	Juncaceae Juss.	Juncus planifolius R.Br. *(Broadleaf Rush)*	native	
411	Liliopsida	Juncaceae Juss.	Juncus subsecundus N.A.Wakef. *(Finger Rush)*	native	
412	Liliopsida	Juncaginaceae Rich.	Triglochin calcitrapa Hook.	native	
413	Liliopsida	Juncaginaceae Rich.	Triglochin mucronata R.Br.	native	
414	Liliopsida	Juncaginaceae Rich.	Triglochin muelleri Buchenau	native	
415	Liliopsida	Juncaginaceae Rich.	Triglochin stowardii N.E.Br.	native	
416	Liliopsida	Orchidaceae Juss.	Caladenia R.Br. *(Fairy Orchids)*		
417	Liliopsida	Orchidaceae Juss.	Caladenia flava R.Br. *(Cowslip Orchid)*	native	
418	Liliopsida	Orchidaceae Juss.	Caladenia flava R.Br. subsp. flava *(Cowslip Orchid)*	native	
419	Liliopsida	Orchidaceae Juss.	Caladenia huegelii Rchb.f. *(Grand Spider Orchid)*	native	CR
420	Liliopsida	Orchidaceae Juss.	Caladenia longicauda Lindl. *(Common White Spider Orchid)*	native	

421	Liliopsida	Orchidaceae Juss.	Caladenia paludosa Hopper & A.P.Br. *(Swamp Spider Orchid)*	native	
422	Liliopsida	Orchidaceae Juss.	Caladenia varians Hopper & A.P.Br. *(Common Spider Orchid)*	native	
423	Liliopsida	Orchidaceae Juss.	Cyanicula gemmata (Lindl.) Hopper & A.P.Br. *(Blue China Orchid)*	native	
424	Liliopsida	Orchidaceae Juss.	Diuris drummondii Lindl. *(Tall Donkey Orchid)*	native	EN
425	Liliopsida	Orchidaceae Juss.	Diuris laxiflora Lindl. *(Bee Orchid)*	native	
426	Liliopsida	Orchidaceae Juss.	Diuris longifolia R.Br. *(Purple Pansy Orchid)*	native	
427	Liliopsida	Orchidaceae Juss.	Leporella fimbriata (Lindl.) A.S.George *(Fringed Hare Orchid, Hare Orchid)*	native	
428	Liliopsida	Orchidaceae Juss.	Microtis R.Br.		
429	Liliopsida	Orchidaceae Juss.	Microtis atrata Lindl. *(Swamp Mignonette Orchid)*	native	
430	Liliopsida	Orchidaceae Juss.	Microtis brownii Rchb.f. *(Sweet Mignonette Orchid)*	native	
431	Liliopsida	Orchidaceae Juss.	Microtis media R.Br. subsp. media *(Common Mignonette Orchid)*	native	
432	Liliopsida	Orchidaceae Juss.	Microtis media subsp. densiflora (Benth.) R.J.Bates *(Dense Mignonette Orchid)*	native	
433	Liliopsida	Orchidaceae Juss.	Prasophyllum R.Br.		
434	Liliopsida	Orchidaceae Juss.	Prasophyllum fimbria Rchb.f. *(Fringed Leek Orchid)*	native	
435	Liliopsida	Orchidaceae Juss.	Pterostylis R.Br. *(Greenhoods, Shell orchids, Snail orchids)*		
436	Liliopsida	Orchidaceae Juss.	Pterostylis sanguinea D.L.Jones & M.A.Clem. *(Dark Banded Greenhood)*	native	
437	Liliopsida	Orchidaceae Juss.	Pterostylis vittata Lindl. *(Banded Greenhood)*	native	
438	Liliopsida	Orchidaceae Juss.	Pyrorchis nigricans (R.Br.) D.L.Jones & M.A.Clem. *(Red beaks)*	native	
439	Liliopsida	Orchidaceae Juss.	Thelymitra flexuosa Endl. *(Twisted Sun Orchid)*	native	
440	Liliopsida	Orchidaceae Juss.	Thelymitra pulcherrima Jeanes	native	P2
441	Liliopsida	Orchidaceae Juss.	Thelymitra vulgaris Jeanes	native	
442	Liliopsida	Philydraceae Link	Philydrella drummondii L.G.Adams	native	
443	Liliopsida	Philydraceae Link	Philydrella pygmaea (R.Br.) Caruel *(Butterfly Flowers)*	native	
444	Liliopsida	Poaceae Barnhart	Aira L.		
445	Liliopsida	Poaceae Barnhart	Aira caryophyllea L. *(Silvery Hairgrass)*	alien	
446	Liliopsida	Poaceae Barnhart	Aira cupaniana Guss. *(Silvery Hairgrass)*	alien	
447	Liliopsida	Poaceae Barnhart	Amphipogon amphipogonoides (Steud.) Vickery	native	
448	Liliopsida	Poaceae Barnhart	Amphipogon laguroides R.Br. subsp. laguroides	native	
449	Liliopsida	Poaceae Barnhart	Amphipogon turbinatus R.Br.	native	
450	Liliopsida	Poaceae Barnhart	Austrostipa campylachne (Nees) S.W.L.Jacobs & J.Everett	native	
451	Liliopsida	Poaceae Barnhart	Austrostipa compressa (R.Br.) S.W.L.Jacobs & J.Everett	native	
452	Liliopsida	Poaceae Barnhart	Austrostipa mollis (R.Br.) S.W.L.Jacobs & J.Everett	native	
453	Liliopsida	Poaceae Barnhart	Briza maxima L. *(Blowfly Grass)*	alien	
454	Liliopsida	Poaceae Barnhart	Briza minor L. *(Shivery Grass)*	alien	
455	Liliopsida	Poaceae Barnhart	Bromus diandrus Roth *(Great Brome)*	alien	
456	Liliopsida	Poaceae Barnhart	Cymbopogon ambiguus (Hack.) A.Camus *(Scentgrass)*	native	
457	Liliopsida	Poaceae Barnhart	Ehrharta calycina Sm. *(Perennial Veldt Grass)*	alien	
458	Liliopsida	Poaceae Barnhart	Eleusine indica (L.) Gaertn. *(Crowsfoot Grass)*	alien	
459	Liliopsida	Poaceae Barnhart	Hemarthria uncinata R.Br. var. uncinata	native	
460	Liliopsida	Poaceae Barnhart	Holcus lanatus L. *(Yorkshire Fog)*	alien	
461	Liliopsida	Poaceae Barnhart	Lachnagrostis plebeia (R.Br.) Trin.	native	
462	Liliopsida	Poaceae Barnhart	Microlaena stipoides (Labill.) R.Br. *(Weeping Grass)*	native	
463	Liliopsida	Poaceae Barnhart	Neurachne alopecuroidea R.Br. *(Foxtail Mulga Grass)*	native	
464	Liliopsida	Poaceae Barnhart	Parapholis incurva (L.) C.E.Hubb. *(Coast Barbgrass)*	alien	
465	Liliopsida	Poaceae Barnhart	Pentameris airoides Nees *(False Hairgrass)*	alien	
466	Liliopsida	Poaceae Barnhart	Pentameris pallida (Thunb.) Galley & H.P.Linder	alien	
467	Liliopsida	Poaceae Barnhart	Poa drummondiana Nees *(Knotted Poa)*	native	
468	Liliopsida	Poaceae Barnhart	Poa homomalla Nees	native	
469	Liliopsida	Poaceae Barnhart	Poa poiformis (Labill.) Druce *(Coastal Poa)*	native	
470	Liliopsida	Poaceae Barnhart	Polypogon maritimus var. subspatheaceus (Req.) Parl.	alien	
471	Liliopsida	Poaceae Barnhart	Polypogon monspeliensis (L.) Desf. *(Annual Beardgrass)*	alien	
472	Liliopsida	Poaceae Barnhart	Polypogon tenellus R.Br.	native	
473	Liliopsida	Poaceae Barnhart	Rytidosperma occidentale (Vickery) Connor & Edgar	native	

474	Liliopsida	Poaceae Barnhart	Sporobolus virginicus (L.) Kunth *(Marine Couch)*	native	
475	Liliopsida	Poaceae Barnhart	Stipa L.		
476	Liliopsida	Poaceae Barnhart	Vulpia bromoides (L.) Gray *(Squirrel Tail Fescue)*	alien	
477	Liliopsida	Poaceae Barnhart	Vulpia muralis (Kunth) Nees	alien	
478	Liliopsida	Poaceae Barnhart	Vulpia myuros (L.) C.C.Gmel. *(Rat's Tail Fescue)*	alien	
479	Liliopsida	Restionaceae R.Br.	Alexgeorgea nitens (Nees) L.A.S.Johnson & B.G.Briggs	native	
480	Liliopsida	Restionaceae R.Br.	Chaetanthus aristatus (R.Br.) B.G.Briggs & L.A.S.Johnson	native	
481	Liliopsida	Restionaceae R.Br.	Chordifex microcodon B.G.Briggs & L.A.S.Johnson	native	
482	Liliopsida	Restionaceae R.Br.	Desmocladus flexuosus (R.Br.) B.G.Briggs & L.A.S.Johnson	native	
483	Liliopsida	Restionaceae R.Br.	Desmocladus lateriflorus (W.Fitzg.) B.G.Briggs	native	
484	Liliopsida	Restionaceae R.Br.	Dielsia stenostachya (W.Fitzg.) B.G.Briggs & L.A.S.Johnson	native	
485	Liliopsida	Restionaceae R.Br.	Hypolaena exsulca R.Br.	native	
486	Liliopsida	Restionaceae R.Br.	Hypolaena robusta Meney & Pate	native	P4
487	Liliopsida	Restionaceae R.Br.	Lepidobolus preissianus Nees	native	
488	Liliopsida	Restionaceae R.Br.	Leptocarpus canus Nees *(Hoary Twine-rush)*	native	
489	Liliopsida	Typhaceae Juss.	Typha orientalis C.Presl *(Bulrush)*	native	
490	Liliopsida	Xanthorrhoeaceae Dumort.	Xanthorrhoea drummondii Harv.	native	
491	Liliopsida	Xanthorrhoeaceae Dumort.	Xanthorrhoea preissii Endl. *(Grass tree)*	native	
492	Magnoliopsida	Amaranthaceae Juss.	Ptilotus declinatus Nees *(Curved Mulla Mulla)*	native	
493	Magnoliopsida	Amaranthaceae Juss.	Ptilotus drummondii (Moq.) F.Muell. var. drummondii *(Pussytail)*	native	
494	Magnoliopsida	Amaranthaceae Juss.	Ptilotus manglesii (Lindl.) F.Muell. *(Pom Poms)*	native	
495	Magnoliopsida	Apiaceae Lindl.	Eryngium pinnatifidum Bunge *(Blue Devils)*	native	
496	Magnoliopsida	Apiaceae Lindl.	Eryngium pinnatifidum Bunge subsp. pinnatifidum	native	
497	Magnoliopsida	Apiaceae Lindl.	Eryngium pinnatifidum subsp. Palustre (G.J. Keighery 13459)	native	P3
498	Magnoliopsida	Apiaceae Lindl.	Platysace ramosissima (Benth.) C.Norman	native	P3
499	Magnoliopsida	Apiaceae Lindl.	Xanthosia huegelii (Benth.) Steud.	native	
500	Magnoliopsida	Araliaceae Juss.	Hydrocotyle alata A.Rich.	native	
501	Magnoliopsida	Araliaceae Juss.	Hydrocotyle callicarpa Bunge *(Small Pennywort)*	native	
502	Magnoliopsida	Araliaceae Juss.	Hydrocotyle diantha DC.	native	
503	Magnoliopsida	Araliaceae Juss.	Hydrocotyle lemnoides Benth. *(Aquatic Pennywort)*	native	P4
504	Magnoliopsida	Araliaceae Juss.	Hydrocotyle striata Benth.	native	P1
505	Magnoliopsida	Araliaceae Juss.	Trachymene pilosa Sm. *(Native Parsnip)*	native	
506	Magnoliopsida	Asteraceae Bercht. & J.Presl	Angianthus preissianus (Steetz) Benth.	native	
507	Magnoliopsida	Asteraceae Bercht. & J.Presl	Angianthus tomentosus J.C.Wendl. *(Camel-grass)*	native	
508	Magnoliopsida	Asteraceae Bercht. & J.Presl	Arctotheca calendula (L.) K.Lewin *(Cape Weed)*	alien	
509	Magnoliopsida	Asteraceae Bercht. & J.Presl	Brachyscome bellidioides Steetz	native	
510	Magnoliopsida	Asteraceae Bercht. & J.Presl	Brachyscome iberidifolia Benth. *(Swan River Daisy)*	native	
511	Magnoliopsida	Asteraceae Bercht. & J.Presl	Cotula coronopifolia L. *(Waterbuttons)*	alien	
512	Magnoliopsida	Asteraceae Bercht. & J.Presl	Cotula cotuloides (Steetz) Druce *(Smooth Cotula)*	native	
513	Magnoliopsida	Asteraceae Bercht. & J.Presl	Cotula turbinata L. *(Funnel Weed)*	alien	
514	Magnoliopsida	Asteraceae Bercht. & J.Presl	Dittrichia graveolens (L.) Greuter *(Stinkwort)*	alien	
515	Magnoliopsida	Asteraceae Bercht. & J.Presl	Gnephosis Cass.		
516	Magnoliopsida	Asteraceae Bercht. & J.Presl	Gnephosis drummondii (A.Gray) P.S.Short	native	
517	Magnoliopsida	Asteraceae Bercht. & J.Presl	Hyalosperma cotula (Benth.) Paul G.Wilson	native	
518	Magnoliopsida	Asteraceae Bercht. &	Hypochaeris glabra L. *(Smooth Cats-ear)*	alien	

		J.Presl			
519	Magnoliopsida	Asteraceae Bercht. & J.Presl	Lagenophora huegelii Benth.	native	
520	Magnoliopsida	Asteraceae Bercht. & J.Presl	Leontodon saxatilis Lam. *(Hairy Hawkbit)*	alien	
521	Magnoliopsida	Asteraceae Bercht. & J.Presl	Millotia myosotidifolia (Benth.) Steetz	native	
522	Magnoliopsida	Asteraceae Bercht. & J.Presl	Millotia tenuifolia Cass. *(Soft Millotia)*	native	
523	Magnoliopsida	Asteraceae Bercht. & J.Presl	Millotia tenuifolia var. laevis P.S.Short	native	P2
524	Magnoliopsida	Asteraceae Bercht. & J.Presl	Myriocephalus helichrysoides A.Gray	native	
525	Magnoliopsida	Asteraceae Bercht. & J.Presl	Olearia rudis (Benth.) Benth. *(Rough Daisybush)*	native	
526	Magnoliopsida	Asteraceae Bercht. & J.Presl	Panaetia lessonii Cass.	native	
527	Magnoliopsida	Asteraceae Bercht. & J.Presl	Pithocarpa corymbulosa Lindl. *(Corymbose Pithocarpa)*	native	P3
528	Magnoliopsida	Asteraceae Bercht. & J.Presl	Podolepis aristata Benth. subsp. aristata	native	
529	Magnoliopsida	Asteraceae Bercht. & J.Presl	Podolepis gracilis (Lehm.) Graham *(Slender Podolepis)*	native	
530	Magnoliopsida	Asteraceae Bercht. & J.Presl	Podotheca angustifolia (Labill.) Less. *(Sticky Longheads)*	native	
531	Magnoliopsida	Asteraceae Bercht. & J.Presl	Podotheca chrysantha (Steetz) Benth. *(Yellow Podotheca)*	native	
532	Magnoliopsida	Asteraceae Bercht. & J.Presl	Podotheca gnaphalioides Graham *(Golden Long-heads)*	native	
533	Magnoliopsida	Asteraceae Bercht. & J.Presl	Pogonolepis stricta Steetz *(Stiff Angianthus)*	native	
534	Magnoliopsida	Asteraceae Bercht. & J.Presl	Pseudognaphalium luteoalbum (L.) Hilliard & B.L.Burtt *(Jersey Cudweed)*	mixed	
535	Magnoliopsida	Asteraceae Bercht. & J.Presl	Pterochaeta paniculata Steetz *(Woolly Waitzia)*	native	
536	Magnoliopsida	Asteraceae Bercht. & J.Presl	Quinetia urvillei Cass.	native	
537	Magnoliopsida	Asteraceae Bercht. & J.Presl	Senecio multicaulis A.Rich. subsp. multicaulis	native	
538	Magnoliopsida	Asteraceae Bercht. & J.Presl	Siloxerus filifolius (Benth.) Ostenf.	native	
539	Magnoliopsida	Asteraceae Bercht. & J.Presl	Siloxerus humifusus Labill. *(Procumbent Siloxerus)*	native	
540	Magnoliopsida	Asteraceae Bercht. & J.Presl	Sonchus oleraceus L. *(Common Sowthistle)*	alien	
541	Magnoliopsida	Asteraceae Bercht. & J.Presl	Trichocline spathulata (DC.) J.H.Willis *(Native Gerbera)*	native	
542	Magnoliopsida	Asteraceae Bercht. & J.Presl	Ursinia anthemoides (L.) Poir. *(Ursinia)*	alien	
543	Magnoliopsida	Asteraceae Bercht. & J.Presl	Ursinia anthemoides (L.) Poir. subsp. anthemoides	alien	
544	Magnoliopsida	Asteraceae Bercht. & J.Presl	Vellereophyton dealbatum (Thunb.) Hilliard & B.L.Burtt *(White Cudweed)*	alien	
545	Magnoliopsida	Asteraceae Bercht. & J.Presl	Waitzia nitida (Lindl.) Paul G.Wilson	native	
546	Magnoliopsida	Asteraceae Bercht. & J.Presl	Waitzia suaveolens (Benth.) Druce *(Fragrant Waitzia)*	native	
547	Magnoliopsida	Boraginaceae Juss.	Echium plantagineum L. *(Paterson's Curse)*	alien	
548	Magnoliopsida	Boraginaceae Juss.	Halgania corymbosa Lindl.	native	P3
549	Magnoliopsida	Campanulaceae Juss.	Grammatotheca bergiana (Cham.) C.Presl	alien	
550	Magnoliopsida	Campanulaceae Juss.	Lobelia anceps L.f. *(Angled Lobelia)*	native	
551	Magnoliopsida	Campanulaceae Juss.	Lobelia rhombifolia de Vriese *(Tufted Lobelia)*	native	
552	Magnoliopsida	Campanulaceae Juss.	Lobelia tenuior R.Br. *(Slender Lobelia)*	native	

553	Magnoliopsida	Campanulaceae Juss.	Monopsis debilis (L.f.) C.Presl	alien	
554	Magnoliopsida	Campanulaceae Juss.	Monopsis debilis var. depressa (L.f.) Phillipson	alien	
555	Magnoliopsida	Campanulaceae Juss.	Wahlenbergia capensis (L.) A.DC. *(Cape Bluebell)*	alien	
556	Magnoliopsida	Campanulaceae Juss.	Wahlenbergia preissii de Vriese	native	
557	Magnoliopsida	Caryophyllaceae Juss.	Silene gallica L. var. gallica	alien	
558	Magnoliopsida	Caryophyllaceae Juss.	Spergularia brevifolia (Bartl.) Walp.	native	
559	Magnoliopsida	Caryophyllaceae Juss.	Spergularia marina (L.) Besser	native	
560	Magnoliopsida	Casuarinaceae R.Br.	Allocasuarina humilis (Otto & A.Dietr.) L.A.S.Johnson *(Dwarf Sheoak)*	native	
561	Magnoliopsida	Casuarinaceae R.Br.	Casuarina obesa Miq. *(Swamp Sheoak)*	native	
562	Magnoliopsida	Celastraceae R.Br.	Tripterococcus brunonis Endl. *(Winged Stackhousia)*	native	
563	Magnoliopsida	Chenopodiaceae Vent.	Salicornia L.		
564	Magnoliopsida	Chenopodiaceae Vent.	Salicornia blackiana Ulbr.	native	
565	Magnoliopsida	Chenopodiaceae Vent.	Salicornia quinqueflora Ung.-Sternb. *(Beaded Samphire)*	native	
566	Magnoliopsida	Crassulaceae J.St.-Hil.	Crassula closiana (Gay) Reiche	native	
567	Magnoliopsida	Crassulaceae J.St.-Hil.	Crassula exserta (Reader) Ostenf.	native	
568	Magnoliopsida	Crassulaceae J.St.-Hil.	Crassula natans Thunb.	alien	
569	Magnoliopsida	Dilleniaceae Salisb.	Hibbertia Andrews		
570	Magnoliopsida	Dilleniaceae Salisb.	Hibbertia acerosa (DC.) Benth. *(Needle Leaved Guinea Flower)*	native	
571	Magnoliopsida	Dilleniaceae Salisb.	Hibbertia aurea Steud.	native	
572	Magnoliopsida	Dilleniaceae Salisb.	Hibbertia commutata Steud.	native	
573	Magnoliopsida	Dilleniaceae Salisb.	Hibbertia glomerata subsp. ginginensis J.R.Wheeler	native	P2
574	Magnoliopsida	Dilleniaceae Salisb.	Hibbertia huegelii (Endl.) F.Muell.	native	
575	Magnoliopsida	Dilleniaceae Salisb.	Hibbertia hypericoides (DC.) Benth. *(Yellow Buttercups)*	native	
576	Magnoliopsida	Dilleniaceae Salisb.	Hibbertia hypericoides subsp. septentrionalis K.R.Thiele & Cockerton	native	
577	Magnoliopsida	Dilleniaceae Salisb.	Hibbertia racemosa (Endl.) Gilg *(Stalked Guinea Flower)*	native	
578	Magnoliopsida	Dilleniaceae Salisb.	Hibbertia stellaris Endl. *(Orange Stars)*	native	
579	Magnoliopsida	Dilleniaceae Salisb.	Hibbertia striata (Steud.) K.R.Thiele	native	
580	Magnoliopsida	Dilleniaceae Salisb.	Hibbertia subvaginata (Steud.) F.Muell.	native	
581	Magnoliopsida	Droseraceae Salisb.	Drosera L.		
582	Magnoliopsida	Droseraceae Salisb.	Drosera drummondii Planch.	native	
583	Magnoliopsida	Droseraceae Salisb.	Drosera erythrorhiza Lindl. *(Red Ink Sundew)*	native	
584	Magnoliopsida	Droseraceae Salisb.	Drosera gigantea Lindl. *(Giant Sundew)*	native	
585	Magnoliopsida	Droseraceae Salisb.	Drosera glanduligera Lehm. *(Pimpernel Sundew)*	native	
586	Magnoliopsida	Droseraceae Salisb.	Drosera helodes N.G.Marchant & Lowrie	native	
587	Magnoliopsida	Droseraceae Salisb.	Drosera heterophylla Lindl. *(Swamp Rainbow)*	native	
588	Magnoliopsida	Droseraceae Salisb.	Drosera hyperostigma N.G.Marchant & Lowrie	native	
589	Magnoliopsida	Droseraceae Salisb.	Drosera macrantha Endl. *(Bridal Rainbow)*	native	
590	Magnoliopsida	Droseraceae Salisb.	Drosera magna (N.G.Marchant & Lowrie) Lowrie	native	
591	Magnoliopsida	Droseraceae Salisb.	Drosera menziesii DC. *(Pink Rainbow)*	native	
592	Magnoliopsida	Droseraceae Salisb.	Drosera micra Lowrie & Conran	native	P1
593	Magnoliopsida	Droseraceae Salisb.	Drosera minutiflora Planch.	native	
594	Magnoliopsida	Droseraceae Salisb.	Drosera nitidula Planch. *(Shining Sundew)*	native	
595	Magnoliopsida	Droseraceae Salisb.	Drosera occidentalis Morrison *(Western Sundew)*	native	P4
596	Magnoliopsida	Droseraceae Salisb.	Drosera paleacea DC. *(Dwarf Sundew)*	native	P1
597	Magnoliopsida	Droseraceae Salisb.	Drosera pallida Lindl. *(Pale Rainbow)*	native	
598	Magnoliopsida	Droseraceae Salisb.	Drosera platystigma Lehm. *(Black-eyed Sundew)*	native	
599	Magnoliopsida	Droseraceae Salisb.	Drosera spilos N.G.Marchant & Lowrie	native	
600	Magnoliopsida	Droseraceae Salisb.	Drosera stolonifera Endl. *(Leafy Sundew)*	native	
601	Magnoliopsida	Droseraceae Salisb.	Drosera x badgerupii Cheek	native	P2
602	Magnoliopsida	Elaeocarpaceae Juss.	Platytheca galioides Steetz	native	
603	Magnoliopsida	Elaeocarpaceae Juss.	Tetratheca pilifera Lindl.	native	P3
604	Magnoliopsida	Ericaceae Juss.	Andersonia heterophylla Sond.	native	
605	Magnoliopsida	Ericaceae Juss.	Andersonia lehmanniana Sond.	native	

606	Magnoliopsida	Ericaceae Juss.	Conostephium minus Lindl. *(Pink-tipped Pearl flower)*	native	
607	Magnoliopsida	Ericaceae Juss.	Conostephium pendulum Benth.	native	
608	Magnoliopsida	Ericaceae Juss.	Conostephium preissii Sond.	native	
609	Magnoliopsida	Ericaceae Juss.	Leucopogon R.Br.		
610	Magnoliopsida	Ericaceae Juss.	Leucopogon parviflorus (Andrews) Lindl. *(Coast Beard-heath)*	native	
611	Magnoliopsida	Ericaceae Juss.	Leucopogon plumuliflorus (F.Muell.) Benth.	native	P2
612	Magnoliopsida	Ericaceae Juss.	Leucopogon polymorphus Sond.	native	
613	Magnoliopsida	Ericaceae Juss.	Leucopogon squarrosus subsp. trigynus Hislop	native	P2
614	Magnoliopsida	Ericaceae Juss.	Lysinema ciliatum R.Br. *(Curry Flower)*	native	
615	Magnoliopsida	Ericaceae Juss.	Styphelia conostephioides (DC.) F.Muell.	native	
616	Magnoliopsida	Ericaceae Juss.	Styphelia erubescens F.Muell.	native	
617	Magnoliopsida	Ericaceae Juss.	Styphelia filifolia Hislop & Puente-Lel.	native	P3
618	Magnoliopsida	Ericaceae Juss.	Styphelia glaucifolia (W.Fitzg.) Hislop, Crayn & Puente-Lel.	native	
619	Magnoliopsida	Ericaceae Juss.	Styphelia macrocalyx (Sond.) F.Muell. *(Swan Berry)*	native	
620	Magnoliopsida	Ericaceae Juss.	Styphelia pallida (R.Br.) Spreng. *(Kick Bush)*	native	
621	Magnoliopsida	Ericaceae Juss.	Styphelia propinqua (R.Br.) Spreng.	native	
622	Magnoliopsida	Ericaceae Juss.	Styphelia stomarrhena (Sond.) Sleumer *(Red Swamp Cranberry)*	native	
623	Magnoliopsida	Euphorbiaceae Juss.	Monotaxis grandiflora Endl. *(Diamond of the Desert)*	native	
624	Magnoliopsida	Fabaceae	Jacksonia		
625	Magnoliopsida	Fabaceae Lindl.	Acacia anomala Court *(Grass Wattle)*	native	VU
626	Magnoliopsida	Fabaceae Lindl.	Acacia applanata Maslin	native	
627	Magnoliopsida	Fabaceae Lindl.	Acacia drummondii subsp. affinis (Maslin) Maslin	native	P3
628	Magnoliopsida	Fabaceae Lindl.	Acacia huegelii Benth. *(Huegel's Wattle)*	native	
629	Magnoliopsida	Fabaceae Lindl.	Acacia lasiocarpa Benth. *(Panjang)*	mixed	
630	Magnoliopsida	Fabaceae Lindl.	Acacia lasiocarpa var. lasiocarpa Cockleshell Gully variant (E.A. Griffin 2039)	native	P2
631	Magnoliopsida	Fabaceae Lindl.	Acacia lasiocarpa var. sedifolia (Meisn.) Maslin	native	
632	Magnoliopsida	Fabaceae Lindl.	Acacia lateriticola Maslin	native	Parent of conservation listed taxa
633	Magnoliopsida	Fabaceae Lindl.	Acacia oncinophylla Lindl. subsp. oncinophylla	native	P3
634	Magnoliopsida	Fabaceae Lindl.	Acacia oncinophylla subsp. patulifolia R.S.Cowan & Maslin	native	P4
635	Magnoliopsida	Fabaceae Lindl.	Acacia pulchella R.Br. *(Prickly Moses)*	mixed	
636	Magnoliopsida	Fabaceae Lindl.	Acacia pulchella R.Br. var. pulchella	mixed	
637	Magnoliopsida	Fabaceae Lindl.	Acacia pulchella var. reflexa Maslin	native	
638	Magnoliopsida	Fabaceae Lindl.	Acacia saligna (Labill.) H.L.Wendl. *(Orange Wattle)*	native	
639	Magnoliopsida	Fabaceae Lindl.	Acacia saligna subsp. Wheatbelt (B.R. Maslin 8602)	native	
640	Magnoliopsida	Fabaceae Lindl.	Acacia sessilis Benth.	native	
641	Magnoliopsida	Fabaceae Lindl.	Acacia willdenowiana H.L.Wendl. *(Grass Wattle, Two-winged Acacia)*	native	
642	Magnoliopsida	Fabaceae Lindl.	Aotus cordifolia Benth.	native	
643	Magnoliopsida	Fabaceae Lindl.	Aotus gracillima Meisn.	native	
644	Magnoliopsida	Fabaceae Lindl.	Bossiaea eriocarpa Benth. *(Common Brown Pea)*	native	
645	Magnoliopsida	Fabaceae Lindl.	Cristonia biloba (Benth.) J.H.Ross	native	
646	Magnoliopsida	Fabaceae Lindl.	Daviesia angulata Lindl.	native	
647	Magnoliopsida	Fabaceae Lindl.	Daviesia cordata Sm. *(Bookleaf)*	native	
648	Magnoliopsida	Fabaceae Lindl.	Daviesia decurrens Meisn. *(Prickly Bitter-pea)*	native	
649	Magnoliopsida	Fabaceae Lindl.	Daviesia divaricata Benth. subsp. divaricata *(Marno)*	native	
650	Magnoliopsida	Fabaceae Lindl.	Daviesia epiphyllum Meisn.	native	
651	Magnoliopsida	Fabaceae Lindl.	Daviesia horrida Meisn. *(Prickly Bitter-pea)*	native	
652	Magnoliopsida	Fabaceae Lindl.	Daviesia nudiflora Meisn.	native	
653	Magnoliopsida	Fabaceae Lindl.	Daviesia physodes G.Don	native	
654	Magnoliopsida	Fabaceae Lindl.	Daviesia preissii Meisn.	native	
655	Magnoliopsida	Fabaceae Lindl.	Daviesia triflora Crisp	native	
656	Magnoliopsida	Fabaceae Lindl.	Dillwynia cinerascens R.Br. *(Grey Parrot-pea)*	native	
657	Magnoliopsida	Fabaceae Lindl.	Gastrolobium capitatum (Benth.) G.Chandler & Crisp *(Bacon and*	native	

			Eggs)		
658	Magnoliopsida	Fabaceae Lindl.	Gastrolobium ebracteolatum G.Chandler & Crisp	native	
659	Magnoliopsida	Fabaceae Lindl.	Gastrolobium linearifolium G.Chandler & Crisp	native	
660	Magnoliopsida	Fabaceae Lindl.	Gastrolobium spinosum Benth. *(Prickly Poison)*	native	
661	Magnoliopsida	Fabaceae Lindl.	Gompholobium marginatum R.Br.	native	
662	Magnoliopsida	Fabaceae Lindl.	Gompholobium preissii Meisn.	native	
663	Magnoliopsida	Fabaceae Lindl.	Gompholobium tomentosum Labill. *(Hairy Yellow Pea)*	native	
664	Magnoliopsida	Fabaceae Lindl.	Hardenbergia comptoniana (Andrews) Benth. *(Native Wisteria)*	native	
665	Magnoliopsida	Fabaceae Lindl.	Hovea pungens Benth.	native	
666	Magnoliopsida	Fabaceae Lindl.	Hovea trisperma Benth.	native	
667	Magnoliopsida	Fabaceae Lindl.	Hovea trisperma Benth. var. trisperma *(Common Hovea)*	native	
668	Magnoliopsida	Fabaceae Lindl.	Hovea trisperma var. grandiflora Benth.	native	
669	Magnoliopsida	Fabaceae Lindl.	Isotropis cuneifolia (Sm.) Heynh. *(Granny Bonnets)*	native	
670	Magnoliopsida	Fabaceae Lindl.	Isotropis cuneifolia (Sm.) Heynh. subsp. cuneifolia *(Granny Bonnets)*	native	
671	Magnoliopsida	Fabaceae Lindl.	Isotropis cuneifolia subsp. glabra Keighery	native	P3
672	Magnoliopsida	Fabaceae Lindl.	Jacksonia floribunda Endl. *(Holly Pea)*	native	
673	Magnoliopsida	Fabaceae Lindl.	Jacksonia furcellata (Bonpl.) DC. *(Grey Stinkwood)*	native	
674	Magnoliopsida	Fabaceae Lindl.	Jacksonia sternbergiana Huegel *(Stinkwood)*	native	
675	Magnoliopsida	Fabaceae Lindl.	Kennedia prostrata R.Br. *(Scarlet Runner)*	native	
676	Magnoliopsida	Fabaceae Lindl.	Lotus L.		
677	Magnoliopsida	Fabaceae Lindl.	Lotus angustissimus L. *(Narrowleaf Trefoil)*	alien	
678	Magnoliopsida	Fabaceae Lindl.	Lotus subbiflorus Lag.	alien	
679	Magnoliopsida	Fabaceae Lindl.	Melilotus indicus (L.) All.	alien	
680	Magnoliopsida	Fabaceae Lindl.	Pultenaea ericifolia Benth.	native	
681	Magnoliopsida	Fabaceae Lindl.	Sphaerolobium vimineum Sm. *(Leafless Globe Pea)*	native	
682	Magnoliopsida	Fabaceae Lindl.	Trifolium L.		
683	Magnoliopsida	Fabaceae Lindl.	Trifolium arvense L. var. arvense	alien	
684	Magnoliopsida	Fabaceae Lindl.	Trifolium campestre Schreb. var. campestre *(Hop Clover)*	alien	
685	Magnoliopsida	Gentianaceae Juss.	Centaurium erythraea Rafn *(Common Centaury)*	alien	
686	Magnoliopsida	Gentianaceae Juss.	Centaurium tenuiflorum (Hoffmanns. & Link) Fritsch	alien	
687	Magnoliopsida	Gentianaceae Juss.	Cicendia filiformis (L.) Delarbre *(Slender Cicendia)*	alien	
688	Magnoliopsida	Geraniaceae Juss.	Erodium botrys (Cav.) Bertol. *(Long Storksbill)*	alien	
689	Magnoliopsida	Geraniaceae Juss.	Pelargonium capitatum (L.) Aiton *(Rose Pelargonium)*	alien	
690	Magnoliopsida	Goodeniaceae R.Br.	Anthotium junciforme (de Vriese) D.A.Morrison	native	
691	Magnoliopsida	Goodeniaceae R.Br.	Dampiera coronata Lindl. *(Wedge-leaved Dampiera)*	native	
692	Magnoliopsida	Goodeniaceae R.Br.	Dampiera linearis R.Br. *(Common Dampiera, Wedge-leaved Dampiera)*	native	
693	Magnoliopsida	Goodeniaceae R.Br.	Dampiera teres Lindl. *(Terete-leaved Dampiera)*	native	
694	Magnoliopsida	Goodeniaceae R.Br.	Goodenia caerulea R.Br.	native	
695	Magnoliopsida	Goodeniaceae R.Br.	Goodenia micrantha Carolin	native	
696	Magnoliopsida	Goodeniaceae R.Br.	Goodenia pulchella Benth.	native	
697	Magnoliopsida	Goodeniaceae R.Br.	Goodenia reinwardtii (de Vriese) K.A.Sheph. *(Common Verreauxia)*	native	
698	Magnoliopsida	Goodeniaceae R.Br.	Goodenia trinervis (Labill.) K.A.Sheph.	native	
699	Magnoliopsida	Goodeniaceae R.Br.	Lechenaultia biloba Lindl. *(Blue Leschenaultia)*	mixed	
700	Magnoliopsida	Goodeniaceae R.Br.	Lechenaultia expansa R.Br.	native	
701	Magnoliopsida	Goodeniaceae R.Br.	Scaevola L.		
702	Magnoliopsida	Goodeniaceae R.Br.	Scaevola canescens Benth. *(Grey Scaevola)*	native	
703	Magnoliopsida	Goodeniaceae R.Br.	Scaevola glandulifera DC. *(Viscid Hand-flower)*	native	
704	Magnoliopsida	Goodeniaceae R.Br.	Scaevola lanceolata Benth. *(Long-leaved Scaevola)*	native	
705	Magnoliopsida	Goodeniaceae R.Br.	Scaevola phlebopetala F.Muell. *(Velvet Fanflower)*	native	
706	Magnoliopsida	Goodeniaceae R.Br.	Scaevola repens de Vriese	native	
707	Magnoliopsida	Goodeniaceae R.Br.	Scaevola repens de Vriese var. repens	native	
708	Magnoliopsida	Haloragaceae R.Br.	Gonocarpus nodulosus Nees	native	
709	Magnoliopsida	Haloragaceae R.Br.	Gonocarpus pithyoides Nees	native	

710	Magnoliopsida	Haloragaceae R.Br.	Meionectes tenuifolia (Benth.) M.L.Moody & Les	native	P3
711	Magnoliopsida	Haloragaceae R.Br.	Myriophyllum crispatum Orchard	native	
712	Magnoliopsida	Haloragaceae R.Br.	Myriophyllum drummondii Benth.	native	
713	Magnoliopsida	Hydatellaceae U. Hamann	Trithuria bibracteata D.A.Cooke	native	
714	Magnoliopsida	Hydatellaceae U. Hamann	Trithuria occidentalis Benth. *(Swan Hydatella)*	native	EN
715	Magnoliopsida	Lamiaceae Martinov	Hemiandra linearis Benth. *(Speckled Snakebush)*	native	
716	Magnoliopsida	Lamiaceae Martinov	Hemiandra pungens R.Br. *(Snakebush)*	native	
717	Magnoliopsida	Lamiaceae Martinov	Hemigenia barbata Bartl.	native	
718	Magnoliopsida	Lamiaceae Martinov	Lachnostachys verbascifolia F.Muell. var. verbascifolia	native	
719	Magnoliopsida	Lauraceae Juss.	Cassytha Osbeck		
720	Magnoliopsida	Lauraceae Juss.	Cassytha flava Nees *(Dodder Laurel)*	native	
721	Magnoliopsida	Lauraceae Juss.	Cassytha glabella R.Br. *(Tangled Dodder Laurel)*	native	
722	Magnoliopsida	Lauraceae Juss.	Cassytha glabella forma dispar (Schltdl.) J.Z.Weber	native	
723	Magnoliopsida	Lauraceae Juss.	Cassytha racemosa Nees *(Dodder Laurel)*	native	
724	Magnoliopsida	Lauraceae Juss.	Cassytha racemosa Nees forma racemosa	native	
725	Magnoliopsida	Lentibulariaceae Rich.	Utricularia oppositiflora R.Br.	native	P3
726	Magnoliopsida	Lentibulariaceae Rich.	Utricularia tenella R.Br.	native	
727	Magnoliopsida	Lentibulariaceae Rich.	Utricularia violacea R.Br. *(Violet Bladderwort)*	native	
728	Magnoliopsida	Linaceae Perleb	Linum trigynum L. *(French Flax)*	alien	
729	Magnoliopsida	Loganiaceae Mart.	Phyllangium paradoxum (R.Br.) Dunlop	native	
730	Magnoliopsida	Loranthaceae Juss.	Amyema miquelii (Miq.) Tiegh. *(Stalked Mistletoe)*	native	
731	Magnoliopsida	Loranthaceae Juss.	Nuytsia floribunda (Labill.) G.Don *(Christmas Tree)*	native	
732	Magnoliopsida	Lythraceae J.St.-Hil.	Lythrum hyssopifolia L. *(Lesser Loosestrife)*	alien	
733	Magnoliopsida	Macarthuriaceae Christenh.	Macarthuria australis Endl.	native	
734	Magnoliopsida	Malvaceae Juss.	Lasiopetalum floribundum Benth. *(Free Flowering Lasiopetalum)*	native	
735	Magnoliopsida	Malvaceae Juss.	Lasiopetalum glabratum Paust	native	
736	Magnoliopsida	Malvaceae Juss.	Lasiopetalum glutinosum (Lindl.) F.Muell. subsp. glutinosum	native	P3
737	Magnoliopsida	Malvaceae Juss.	Lasiopetalum glutinosum subsp. latifolium (Benth.) K.A.Sheph. & C.F.Wilkins	native	
738	Magnoliopsida	Malvaceae Juss.	Lawrencia squamata Nees	native	
739	Magnoliopsida	Menyanthaceae Dumort.	Ornduffia submersa (Aston) Tippery & Les	native	P4
740	Magnoliopsida	Montiaceae Raf.	Calandrinia Kunth		
741	Magnoliopsida	Montiaceae Raf.	Calandrinia calyptrata Hook.f. *(Pink Purslane)*	native	
742	Magnoliopsida	Montiaceae Raf.	Calandrinia granulifera Benth. *(Pygmy Purslane)*	native	
743	Magnoliopsida	Montiaceae Raf.	Calandrinia sp. Kenwick (G.J. Keighery 10905)	native	
744	Magnoliopsida	Moraceae Gaudich.	Ficus carica L. *(Common Fig)*	alien	
745	Magnoliopsida	Myrtaceae Juss.	Apectospermum spinescens (Endl.) Peter G.Wilson	native	
746	Magnoliopsida	Myrtaceae Juss.	Astartea DC.		
747	Magnoliopsida	Myrtaceae Juss.	Astartea affinis (Endl.) Rye *(West-coast Astartea)*	native	
748	Magnoliopsida	Myrtaceae Juss.	Astartea scoparia Schauer *(Common Astartea)*	native	
749	Magnoliopsida	Myrtaceae Juss.	Babingtonia camphorosmae (Endl.) Lindl. *(Camphor Myrtle)*	native	
750	Magnoliopsida	Myrtaceae Juss.	Beaufortia elegans Schauer *(Elegant Beaufortia)*	native	
751	Magnoliopsida	Myrtaceae Juss.	Beaufortia macrostemon Lindl. *(Darling Range Beaufortia)*	native	
752	Magnoliopsida	Myrtaceae Juss.	Beaufortia purpurea Lindl. *(Purple Beaufortia)*	native	P3
753	Magnoliopsida	Myrtaceae Juss.	Callistemon phoeniceus Lindl. *(Dubarda, Lesser Bottlebrush)*	mixed	
754	Magnoliopsida	Myrtaceae Juss.	Calothamnus sanguineus Labill. *(Silky-leaved Blood flower)*	native	
755	Magnoliopsida	Myrtaceae Juss.	Calytrix angulata Lindl. *(Yellow Starflower)*	native	
756	Magnoliopsida	Myrtaceae Juss.	Calytrix aurea Lindl.	native	
757	Magnoliopsida	Myrtaceae Juss.	Calytrix breviseta Lindl.	native	
758	Magnoliopsida	Myrtaceae Juss.	Calytrix flavescens A.Cunn. *(Summer Starflower)*	native	
759	Magnoliopsida	Myrtaceae Juss.	Calytrix fraseri A.Cunn. *(Pink Summer Calytrix)*	native	
760	Magnoliopsida	Myrtaceae Juss.	Calytrix leschenaultii (Schauer) Benth.	native	

761	Magnoliopsida	Myrtaceae Juss.	Calytrix sapphirina Lindl.	native	
762	Magnoliopsida	Myrtaceae Juss.	Calytrix strigosa A.Cunn.	native	
763	Magnoliopsida	Myrtaceae Juss.	Calytrix variabilis Lindl.	native	
764	Magnoliopsida	Myrtaceae Juss.	Chamelaucium uncinatum Schauer *(Geraldton Wax, Wembley Wax)*	mixed	
765	Magnoliopsida	Myrtaceae Juss.	Corymbia calophylla (Lindl.) K.D.Hill & L.A.S.Johnson *(Marri)*	native	
766	Magnoliopsida	Myrtaceae Juss.	Darwinia foetida Keighery	native	EN
767	Magnoliopsida	Myrtaceae Juss.	Darwinia oederoides (Turcz.) Benth.	native	
768	Magnoliopsida	Myrtaceae Juss.	Darwinia pinifolia (Lindl.) Benth.	native	
769	Magnoliopsida	Myrtaceae Juss.	Eremaea asterocarpa Hnatiuk subsp. asterocarpa	native	
770	Magnoliopsida	Myrtaceae Juss.	Eremaea pauciflora (Endl.) Druce	native	
771	Magnoliopsida	Myrtaceae Juss.	Eremaea pauciflora (Endl.) Druce var. pauciflora	native	
772	Magnoliopsida	Myrtaceae Juss.	Eremaea purpurea C.A.Gardner	native	
773	Magnoliopsida	Myrtaceae Juss.	Eucalyptus marginata Sm. *(Jarrah)*	native	
774	Magnoliopsida	Myrtaceae Juss.	Eucalyptus marginata subsp. thalassica Brooker & Hopper *(Blue-leaved Jarrah)*	native	
775	Magnoliopsida	Myrtaceae Juss.	Eucalyptus rudis Endl. *(Flooded Gum)*	native	
776	Magnoliopsida	Myrtaceae Juss.	Eucalyptus todtiana F.Muell. *(Pricklybark)*	native	
777	Magnoliopsida	Myrtaceae Juss.	Eucalyptus wandoo Blakely *(Wandoo)*	native	
778	Magnoliopsida	Myrtaceae Juss.	Homalocalyx thryptomenoides (F.Muell.) Craven	native	
779	Magnoliopsida	Myrtaceae Juss.	Hypocalymma angustifolium (Endl.) Schauer *(White Myrtle)*	native	
780	Magnoliopsida	Myrtaceae Juss.	Hypocalymma balbakiae Tauss & Rye *(Balbakâ€™s White Myrtle)*	native	
781	Magnoliopsida	Myrtaceae Juss.	Hypocalymma lateriticola Rye & Keighery *(Dandaragan Myrtle)*	native	P1
782	Magnoliopsida	Myrtaceae Juss.	Hypocalymma robustum (Endl.) Lindl. *(Swan River Myrtle)*	native	
783	Magnoliopsida	Myrtaceae Juss.	Kunzea Rchb.		
784	Magnoliopsida	Myrtaceae Juss.	Kunzea ericifolia (Sm.) Heynh. subsp. ericifolia	native	
785	Magnoliopsida	Myrtaceae Juss.	Kunzea glabrescens Toelken	native	
786	Magnoliopsida	Myrtaceae Juss.	Kunzea micrantha Schauer	native	
787	Magnoliopsida	Myrtaceae Juss.	Kunzea micrantha Schauer subsp. micrantha	native	
788	Magnoliopsida	Myrtaceae Juss.	Kunzea micrantha subsp. oligandra (Turcz.) Toelken	native	
789	Magnoliopsida	Myrtaceae Juss.	Kunzea micrantha subsp. petiolata Toelken	native	
790	Magnoliopsida	Myrtaceae Juss.	Kunzea recurva Schauer	native	
791	Magnoliopsida	Myrtaceae Juss.	Leptospermopsis erubescens (Schauer) Peter G.Wilson	native	
792	Magnoliopsida	Myrtaceae Juss.	Leptospermopsis nitens (Turcz.) Peter G.Wilson	native	
793	Magnoliopsida	Myrtaceae Juss.	Melaleuca L.		
794	Magnoliopsida	Myrtaceae Juss.	Melaleuca aspalathoides Schauer	native	
795	Magnoliopsida	Myrtaceae Juss.	Melaleuca bracteosa Turcz.	native	
796	Magnoliopsida	Myrtaceae Juss.	Melaleuca brevifolia Turcz.	native	
797	Magnoliopsida	Myrtaceae Juss.	Melaleuca cuticularis Labill. *(Saltwater Paperbark)*	native	
798	Magnoliopsida	Myrtaceae Juss.	Melaleuca hnatiukii Craven	native	
799	Magnoliopsida	Myrtaceae Juss.	Melaleuca lateritia A.Dietr. *(Robin Redbreast Bush)*	native	
800	Magnoliopsida	Myrtaceae Juss.	Melaleuca preissiana Schauer *(Modong, Moonah)*	native	
801	Magnoliopsida	Myrtaceae Juss.	Melaleuca rhaphiophylla Schauer *(Swamp Paperbark)*	native	
802	Magnoliopsida	Myrtaceae Juss.	Melaleuca ryeae Craven	native	
803	Magnoliopsida	Myrtaceae Juss.	Melaleuca seriata Lindl.	native	
804	Magnoliopsida	Myrtaceae Juss.	Melaleuca teretifolia Endl. *(Banbar)*	native	
805	Magnoliopsida	Myrtaceae Juss.	Melaleuca trichophylla Lindl.	native	
806	Magnoliopsida	Myrtaceae Juss.	Melaleuca uncinata R.Br. *(Broom Bush)*	native	
807	Magnoliopsida	Myrtaceae Juss.	Melaleuca viminea Lindl. *(Mohan)*	native	
808	Magnoliopsida	Myrtaceae Juss.	Melaleuca viminea Lindl. subsp. viminea	native	
809	Magnoliopsida	Myrtaceae Juss.	Micromyrtus racemosa Benth.	native	Parent of conservation listed taxa
810	Magnoliopsida	Myrtaceae Juss.	Oxymyrrhine coronata Rye & Trudgen	native	P4
811	Magnoliopsida	Myrtaceae Juss.	Pericalymma crassipes Schauer	native	
812	Magnoliopsida	Myrtaceae Juss.	Pericalymma ellipticum (Endl.) Schauer var. ellipticum	native	

813	Magnoliopsida	Myrtaceae Juss.	Regelia ciliata Schauer	native	
814	Magnoliopsida	Myrtaceae Juss.	Scholtzia involucrata (Endl.) Druce *(Spiked Scholtzia)*	native	
815	Magnoliopsida	Myrtaceae Juss.	Taxandria linearifolia (DC.) J.R.Wheeler & N.G.Marchant	native	
816	Magnoliopsida	Myrtaceae Juss.	Thryptomene denticulata (F.Muell.) Benth.	native	
817	Magnoliopsida	Myrtaceae Juss.	Verticordia DC.		
818	Magnoliopsida	Myrtaceae Juss.	Verticordia acerosa Lindl.	native	
819	Magnoliopsida	Myrtaceae Juss.	Verticordia densiflora Lindl. *(Compacted Featherflower)*	native	
820	Magnoliopsida	Myrtaceae Juss.	Verticordia densiflora Lindl. var. densiflora *(Compacted Featherflower)*	native	
821	Magnoliopsida	Myrtaceae Juss.	Verticordia halophila A.S.George	native	P2
822	Magnoliopsida	Myrtaceae Juss.	Verticordia lindleyi Schauer subsp. lindleyi	native	P4
823	Magnoliopsida	Myrtaceae Juss.	Verticordia nitens (Lindl.) Endl.	native	
824	Magnoliopsida	Myrtaceae Juss.	Verticordia pennigera Endl.	native	
825	Magnoliopsida	Myrtaceae Juss.	Verticordia plumosa (Desf.) Druce *(Plumed Featherflower)*	native	
826	Magnoliopsida	Myrtaceae Juss.	Verticordia plumosa var. brachyphylla (Diels) A.S.George	native	
827	Magnoliopsida	Myrtaceae Juss.	Verticordia serrata (Lindl.) Schauer	native	
828	Magnoliopsida	Myrtaceae Juss.	Verticordia serrata var. linearis A.S.George	native	P3
829	Magnoliopsida	Orobanchaceae Vent.	Bellardia viscosa (L.) Fisch. & C.A.Mey.	alien	
830	Magnoliopsida	Orobanchaceae Vent.	Orobanche minor Sm. *(Lesser Broomrape)*	alien	
831	Magnoliopsida	Orobanchaceae Vent.	Parentucellia latifolia (L.) Caruel *(Common Bartsia)*	alien	
832	Magnoliopsida	Phyllanthaceae Martinov	Lysiandra calycina (Labill.) R.W.Bouman *(False Boronia)*	native	
833	Magnoliopsida	Phyllanthaceae Martinov	Poranthera microphylla Brongn. *(Small Poranthera)*	native	
834	Magnoliopsida	Phyllanthaceae Martinov	Poranthera moorokatta R.L.Barrett	native	P2
835	Magnoliopsida	Pittosporaceae R.Br.	Billardiera fraseri (Hook.) L.Cayzer, Crisp & I.Telford *(Elegant Pronaya)*	native	
836	Magnoliopsida	Pittosporaceae R.Br.	Cheiranthera preissiana Putt.	native	
837	Magnoliopsida	Polygalaceae Hoffmanns. & Link	Comesperma calymega Labill. *(Blue-spike Milkwort)*	native	
838	Magnoliopsida	Polygalaceae Hoffmanns. & Link	Comesperma polygaloides F.Muell. *(Small Milkwort)*	native	
839	Magnoliopsida	Polygalaceae Hoffmanns. & Link	Comesperma virgatum Labill. *(Milkwort)*	native	
840	Magnoliopsida	Polygalaceae Hoffmanns. & Link	Comesperma volubile Labill. *(Love Creeper)*	native	
841	Magnoliopsida	Polygonaceae Juss.	Persicaria (L.) Mill.		
842	Magnoliopsida	Polygonaceae Juss.	Persicaria decipiens (R.Br.) K.L.Wilson	native	
843	Magnoliopsida	Primulaceae Borkh.	Lysimachia arvensis (L.) U.Manns & Anderb. *(Pimpernel)*	alien	
844	Magnoliopsida	Primulaceae Borkh.	Samolus junceus R.Br.	native	
845	Magnoliopsida	Proteaceae Juss.	Adenanthos cygnorum Diels *(Common Woollybush)*	native	
846	Magnoliopsida	Proteaceae Juss.	Adenanthos cygnorum Diels subsp. cygnorum	native	
847	Magnoliopsida	Proteaceae Juss.	Adenanthos cygnorum subsp. chamaephyton E.C.Nelson	native	P3
848	Magnoliopsida	Proteaceae Juss.	Adenanthos drummondii Meisn.	native	
849	Magnoliopsida	Proteaceae Juss.	Adenanthos obovatus Labill. *(Basket Flower)*	native	
850	Magnoliopsida	Proteaceae Juss.	Banksia armata (R.Br.) A.R.Mast & K.R.Thiele *(Prickly Dryandra)*	native	
851	Magnoliopsida	Proteaceae Juss.	Banksia armata (R.Br.) A.R.Mast & K.R.Thiele var. armata	native	
852	Magnoliopsida	Proteaceae Juss.	Banksia attenuata R.Br. *(Slender Banksia)*	native	
853	Magnoliopsida	Proteaceae Juss.	Banksia ilicifolia R.Br. *(Holly-leaved Banksia)*	native	
854	Magnoliopsida	Proteaceae Juss.	Banksia menziesii R.Br. *(Firewood Banksia)*	native	
855	Magnoliopsida	Proteaceae Juss.	Banksia nivea Labill. *(Honeypot Dryandra)*	native	
856	Magnoliopsida	Proteaceae Juss.	Banksia telmatiaea A.S.George *(Swamp Fox Banksia)*	native	
857	Magnoliopsida	Proteaceae Juss.	Conospermum acerosum Lindl. subsp. acerosum	native	
858	Magnoliopsida	Proteaceae Juss.	Conospermum huegelii Endl. *(Slender Smokebush)*	mixed	
859	Magnoliopsida	Proteaceae Juss.	Conospermum polycephalum Meisn.	native	
860	Magnoliopsida	Proteaceae Juss.	Conospermum stoechadis Endl. *(Common Smokebush)*	native	

861	Magnoliopsida	Proteaceae Juss.	Conospermum stoechadis Endl. subsp. stoechadis *(Common Smokebush)*	native	
862	Magnoliopsida	Proteaceae Juss.	Conospermum stoechadis subsp. sclerophyllum (Lindl.) E.M.Benn.	native	
863	Magnoliopsida	Proteaceae Juss.	Conospermum triplinervium R.Br. *(Tree Smokebush)*	native	
864	Magnoliopsida	Proteaceae Juss.	Grevillea althoferorum Olde & Marriott	native	Parent of conservation listed taxa
865	Magnoliopsida	Proteaceae Juss.	Grevillea althoferorum subsp. fragilis Olde & Marriott	native	CR
866	Magnoliopsida	Proteaceae Juss.	Grevillea bipinnatifida R.Br. *(Fuchsia Grevillea)*	native	
867	Magnoliopsida	Proteaceae Juss.	Grevillea bipinnatifida R.Br. subsp. bipinnatifida	native	
868	Magnoliopsida	Proteaceae Juss.	Grevillea christineae McGill.	native	EN
869	Magnoliopsida	Proteaceae Juss.	Grevillea curviloba McGill.	mixed	EN
870	Magnoliopsida	Proteaceae Juss.	Grevillea endlicheriana Meisn. *(Spindly Grevillea)*	native	Parent of conservation listed taxa
871	Magnoliopsida	Proteaceae Juss.	Grevillea obtusifolia Meisn. *(Obtuse Leaved Grevillea)*	native	
872	Magnoliopsida	Proteaceae Juss.	Grevillea pilulifera (Lindl.) Druce *(Woolly-flowered Grevillea)*	native	
873	Magnoliopsida	Proteaceae Juss.	Grevillea pinaster Meisn.	native	
874	Magnoliopsida	Proteaceae Juss.	Grevillea quercifolia R.Br. *(Oak-leaf Grevillea)*	native	
875	Magnoliopsida	Proteaceae Juss.	Hakea eneabba Haegi	native	
876	Magnoliopsida	Proteaceae Juss.	Hakea incrassata R.Br. *(Marble Hakea)*	native	
877	Magnoliopsida	Proteaceae Juss.	Hakea lissocarpha R.Br. *(Honey Bush)*	native	
878	Magnoliopsida	Proteaceae Juss.	Hakea prostrata R.Br. *(Harsh Hakea)*	native	
879	Magnoliopsida	Proteaceae Juss.	Hakea ruscifolia Labill. *(Candle Hakea)*	native	
880	Magnoliopsida	Proteaceae Juss.	Hakea sulcata R.Br. *(Furrowed Hakea)*	native	
881	Magnoliopsida	Proteaceae Juss.	Hakea varia R.Br. *(Variable-leaved Hakea)*	native	
882	Magnoliopsida	Proteaceae Juss.	Isopogon asper R.Br.	native	
883	Magnoliopsida	Proteaceae Juss.	Lambertia multiflora Lindl. var. multiflora	native	
884	Magnoliopsida	Proteaceae Juss.	Lambertia multiflora var. darlingensis Hnatiuk	native	
885	Magnoliopsida	Proteaceae Juss.	Persoonia rudis Meisn.	native	P3
886	Magnoliopsida	Proteaceae Juss.	Persoonia saccata R.Br. *(Snottygobble)*	native	
887	Magnoliopsida	Proteaceae Juss.	Persoonia sulcata Meisn.	native	P4
888	Magnoliopsida	Proteaceae Juss.	Petrophile biloba R.Br.	native	
889	Magnoliopsida	Proteaceae Juss.	Petrophile linearis R.Br. *(Pixie Mops)*	native	
890	Magnoliopsida	Proteaceae Juss.	Petrophile macrostachya R.Br.	native	
891	Magnoliopsida	Proteaceae Juss.	Petrophile seminuda Lindl.	native	
892	Magnoliopsida	Proteaceae Juss.	Petrophile shuttleworthiana Meisn.	native	
893	Magnoliopsida	Proteaceae Juss.	Petrophile squamata R.Br.	native	
894	Magnoliopsida	Proteaceae Juss.	Stirlingia latifolia (R.Br.) Steud. *(Blueboy)*	native	
895	Magnoliopsida	Proteaceae Juss.	Synaphea acutiloba Meisn. *(Granite Synaphea)*	native	
896	Magnoliopsida	Proteaceae Juss.	Synaphea spinulosa (Burm.f.) Merr.	native	
897	Magnoliopsida	Proteaceae Juss.	Synaphea spinulosa (Burm.f.) Merr. subsp. spinulosa	native	
898	Magnoliopsida	Rhamnaceae Juss.	Cryptandra arbutiflora Fenzl var. arbutiflora	native	
899	Magnoliopsida	Rhamnaceae Juss.	Trymalium angustifolium Reissek	native	
900	Magnoliopsida	Rubiaceae Juss.	Opercularia vaginata Juss. *(Dog Weed)*	native	
901	Magnoliopsida	Rutaceae Juss.	Boronia ovata Lindl.	native	
902	Magnoliopsida	Rutaceae Juss.	Boronia purdieana Diels subsp. purdieana	native	
903	Magnoliopsida	Rutaceae Juss.	Cyanothamnus ramosus Lindl.	native	
904	Magnoliopsida	Rutaceae Juss.	Philotheca spicata (A.Rich.) Paul G.Wilson *(Pepper and Salt)*	native	
905	Magnoliopsida	Santalaceae R.Br.	Leptomeria empetriformis Miq.	native	
906	Magnoliopsida	Santalaceae R.Br.	Leptomeria pauciflora R.Br.	native	
907	Magnoliopsida	Sapindaceae Juss.	Dodonaea ericoides Miq.	native	
908	Magnoliopsida	Stylidiaceae R.Br.	Levenhookia octomaculata F.L.Erickson & J.H.Willis	native	
909	Magnoliopsida	Stylidiaceae R.Br.	Levenhookia preissii (Sond.) F.Muell. *(Preiss's Stylewort)*	native	P1
910	Magnoliopsida	Stylidiaceae R.Br.	Levenhookia stipitata (Benth.) Benth.	native	

911	Magnoliopsida	Stylidiaceae R.Br.	Stylidium Sw.		
912	Magnoliopsida	Stylidiaceae R.Br.	Stylidium aceratum Lowrie & Kenneally	native	P3
913	Magnoliopsida	Stylidiaceae R.Br.	Stylidium adpressum Benth. *(Trigger-on-stilts)*	native	
914	Magnoliopsida	Stylidiaceae R.Br.	Stylidium affine Sond. *(Queen Triggerplant)*	native	
915	Magnoliopsida	Stylidiaceae R.Br.	Stylidium albolilacinum (F.L.Erickson & J.H.Willis) Lowrie & Carlquist	native	
916	Magnoliopsida	Stylidiaceae R.Br.	Stylidium androsaceum Lindl. *(Book Triggerplant)*	native	
917	Magnoliopsida	Stylidiaceae R.Br.	Stylidium araeophyllum Wege *(Stilt Walker)*	native	
918	Magnoliopsida	Stylidiaceae R.Br.	Stylidium bindoon Lowrie & Kenneally	native	
919	Magnoliopsida	Stylidiaceae R.Br.	Stylidium breviscapum R.Br. *(Boomerang Triggerplant)*	native	
920	Magnoliopsida	Stylidiaceae R.Br.	Stylidium brunonianum Benth. *(Pink Fountain Triggerplant)*	native	
921	Magnoliopsida	Stylidiaceae R.Br.	Stylidium bulbiferum Benth. *(Circus Triggerplant)*	native	
922	Magnoliopsida	Stylidiaceae R.Br.	Stylidium calcaratum R.Br.	native	
923	Magnoliopsida	Stylidiaceae R.Br.	Stylidium despectum R.Br.	native	
924	Magnoliopsida	Stylidiaceae R.Br.	Stylidium dichotomum DC.		
925	Magnoliopsida	Stylidiaceae R.Br.	Stylidium diuroides Lindl. *(Donkey Triggerplant)*	native	
926	Magnoliopsida	Stylidiaceae R.Br.	Stylidium diuroides Lindl. subsp. diuroides	native	
927	Magnoliopsida	Stylidiaceae R.Br.	Stylidium ecorne (F.L.Erickson & J.H.Willis) P.G.Farrell & S.H.James *(Foot Triggerplant)*	native	
928	Magnoliopsida	Stylidiaceae R.Br.	Stylidium inundatum R.Br.	native	
929	Magnoliopsida	Stylidiaceae R.Br.	Stylidium longitubum Benth. *(Jumping Jacks)*	native	P4
930	Magnoliopsida	Stylidiaceae R.Br.	Stylidium obtusatum Sond. *(Pinafore Triggerplant)*	native	
931	Magnoliopsida	Stylidiaceae R.Br.	Stylidium paludicola Wege	native	P3
932	Magnoliopsida	Stylidiaceae R.Br.	Stylidium petiolare Sond. *(Horn Triggerplant)*	native	
933	Magnoliopsida	Stylidiaceae R.Br.	Stylidium piliferum R.Br. *(Common Butterfly Triggerplant)*	native	
934	Magnoliopsida	Stylidiaceae R.Br.	Stylidium pubigerum Sond. *(Yellow Butterfly Triggerplant)*	native	
935	Magnoliopsida	Stylidiaceae R.Br.	Stylidium purpureum Wege *(Purple Fountain Triggerplant)*	native	
936	Magnoliopsida	Stylidiaceae R.Br.	Stylidium recurvum Graham	native	
937	Magnoliopsida	Stylidiaceae R.Br.	Stylidium repens R.Br. *(Matted Triggerplant)*	native	
938	Magnoliopsida	Stylidiaceae R.Br.	Stylidium rigidulum Sond. *(Flagon Triggerplant)*	native	
939	Magnoliopsida	Stylidiaceae R.Br.	Stylidium scariosum DC.	native	
940	Magnoliopsida	Stylidiaceae R.Br.	Stylidium schoenoides DC. *(Cow Kicks)*	native	
941	Magnoliopsida	Stylidiaceae R.Br.	Stylidium squamellosum DC.	native	P2
942	Magnoliopsida	Stylidiaceae R.Br.	Stylidium tenue subsp. majusculum Wege *(Showy Fountain Triggerplant)*	native	
943	Magnoliopsida	Stylidiaceae R.Br.	Stylidium trudgenii Lowrie & Kenneally	native	P3
944	Magnoliopsida	Stylidiaceae R.Br.	Stylidium utricularioides Benth.	native	
945	Magnoliopsida	Stylidiaceae R.Br.	Stylidium xanthellum Wege	native	
946	Magnoliopsida	Thymelaeaceae Juss.	Pimelea floribunda Meisn.	native	
947	Magnoliopsida	Thymelaeaceae Juss.	Pimelea imbricata var. piligera (Benth.) Diels	native	
948	Magnoliopsida	Violaceae Batsch	Pigea calycina DC. *(Wild Violet)*	native	
949	Pinopsida	Cupressaceae Gray	Callitris pyramidalis (Miq.) J.E.Piggin & J.J.Bruhl	mixed	
950	Pteridopsida	Cyatheaceae Kaulf.	Sphaeropteris cooperi (F.Muell.) R.M.Tryon	alien	
951	Pteridopsida	Dennstaedtiaceae Lotsy	Histiopteris incisa (Thunb.) J.Sm.	mixed	
952	Pteridopsida	Dryopteridaceae Herter	Cyrtomium falcatum (L.f.) C.Presl	alien	
953	Pteridopsida	Thelypteridaceae Pic.Serm.	Cyclosorus interruptus (Willd.) H.Ito	native	

Conservation status definitions

Threatened species

- CR – Critically Endangered
- EN – Endangered
- VU – Vulnerable
- EX – Extinct
- EW – Extinct in the Wild
- CD – Species of special conservation interest (conservation dependent)
- OS – Species otherwise in need of special protection (other specially protected)
- MI – Migratory
- SP – Specially protected species

Priority species

- P1 – Priority 1: Poorly-known species – known from few locations, none on conservation lands
- P2 – Priority 2: Poorly-known species – known from few locations, some on conservation lands
- P3 – Priority 3: Poorly-known species – known from several locations
- P4 – Priority 4: Rare, Near Threatened and other species in need of monitoring

Dandjoo specific codes

- Parent of conservation listed taxa
- Cons code inherited from parent, X

Read full definitions at https://bio.wa.gov.au/guide/conservation-status-definitions

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Further note, precise locations of conservation listed species are considered sensitive. To protect this information, obfuscation has been applied to conservation-listed species records. For these species, the true location is Â±10km from the search area used to generate this species list.

Appendix H: Vegetation Type Mapping and Vegetation Condition Mapping

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403200 403400 403600 403800 404000

6497600 6497400 6497200

Tonkin Hwy

Neaves Rd

Survey Area

Vegetation Association

	C1	*Melaleuca preissiana, M. rhaphiophylla* and *Eucalyptus rudis* subsp. *rudis* open to closed forest over *Taxandria linearifolia* and *Astartea* ?*leptophylla* tall open to tall shrubland over *Machaerina preissii, Machaerina rubiginosa* and *Typha* ?*domingensis* very open to open sedgeland over *Alternanthera* ?*denticulata, *Rumex pulcher* and *Rorippa nasturtium-aquaticum* very open to open herbland.
	C2	*Eucalyptus rudis* subsp. *rudis* (*Corymbia calophylla*) open forest to closed forest over **Bromus diandrus, *Ehrharta longiflora* and **Holcus lanata* open tussock to tussock grassland.
	MPT	Mixed species of planted trees, comprising local and non-local species such as *Eucalyptus todtiana, E. camaldulensis, Corymbia calophylla, Agonis flexuosa* var. *flexuosa, Acacia saligna, Melaleuca preissiana* open woodland to woodland.
	MPTS	Mixed species of planted trees, comprising local and non-local species such as *Eucalyptus todtiana, Corymbia calophylla, E. camaldulensis, Melaleuca preissiana* and *Banksia attenuata* very open woodland to woodland over mixed species of planted shrubs such as *Kunzea glabrescens, Acacia saligna, Calothamnus quadrifidus* subsp. *quadrifidus, Regelia ciliata, Hypocalymma angustifolium* open shrubland to shrubland.
	P1	*Corymbia calophylla* open forest to closed forest over **Ehrharta longiflora, *Bromus diandrus* open tussock to tussock grassland
	PC	Area cleared of vegetation and dominated by a variety of introduced grasses including **Pentameris airoides* subsp. *airoides, *Bromus diandrus, *Ehrharta longiflora* and **E. calycina* and herb species including *Cartonema philydroides* and *Podotheca gnaphalioides*, to varying densities.
	Cleared	Areas of infrastructure with no vegetation cover present

Main Roads Western Australia

Lot 156 Neaves Road Bullsbrook - Biological and Targeted Black Cockatoo Survey, October 2024

Figure H.1: Vegetation mapping

Scale: 1:2,500 at A3

Coordinate System: GDA2020 MGA Zone 50

0 50 100 150 200 Metres

N

astron an ecocene company

Author: J. Atkinson Drawn: C. Dyde Date: 08-05-2025 Figure Ref: 8600-004-24-BIDR-1RevB_250508_FigH1_VegMap

403200 403400 403600 403800 404000

6497800

6497600

6497400

Tonkin Hwy

Neaves Rd

Survey Area

Vegetation Condition

- Very good
- Good
- Degraded
- Completely degraded
- Cleared

Main Roads Western Australia

Lot 156 Neaves Road Bullsbrook - Biological and Targeted Black Cockatoo Survey, October 2024

Figure H.2: Vegetation condition

Scale: 1:2,500 at A3

Coordinate System: GDA2020 MGA Zone 50

0 50 100 150 200 Metres

N

astron

an ecocene company

Author: J. Atkinson | Drawn: C. Dyde | Date: 28-04-2025 | Figure Ref: 8600-004-24-BIDR-1RevB_250428_FigH2_VegCond

Appendix I: Flora Survey Site Data

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Site: NQ01
Date: 16/10/2024
MGA zone: 50
Habitat landform: Minor creek
Soil: Brown. Loam sand.
Type: 10 x 10 m quadrat
Described by: SH / JA
Easting: 403234 **Northing:** 6497580
Vegetation description: *Eucalyptus rudis* subsp. *rudis* open forest over **Bromus diandrus*, **Holcus lanatus* and **Briza maxima* tussock grassland over **Lotus subbiflorus* scattered herbs.
Vegetation condition: Degraded
Fire age: Very long unburnt



NQ01 from the north-west corner.



NQ01 from the south-east corner.

Species List:

Name	Specimen number	Cover (%)	Height (m)	Number of individuals
Eucalyptus rudis subsp. *rudis*	NQ01-10	70.0	15.00	
**Bromus diandrus*	NQ01-01	25.0	0.60	1
**Holcus lanatus*	NQ01-11	6.0	0.50	
**Briza maxima*		5.0	0.60	40
**Cenchrus clandestinus*	NQ01-12	2.0	0.30	1
**Lotus subbiflorus*	NQ01-02	1.0	0.30	
Bromus arenarius	NQ01-04	0.5	0.70	1
**Arctotheca calendula*		0.1	0.30	5
**Chasmanthe floribunda*	NQ01-16	0.1	0.70	1
Cyperaceae sp.	NQ01-05	0.1	0.20	
**Hypochaeris glabra*	NQ01-07	0.1	0.40	1
Lobelia anceps	NQ01-06	0.1	0.40	
**Lotus subbiflorus*	NQ01-13	0.1	0.30	
Microtis media subsp. *media*	NQ01-03	0.1	0.40	15
Oxalis sp.	NQ01-15	0.1	0.20	1
**Solanum nigrum*	NQ01-14	0.1	0.60	2
**Sonchus oleraceus*		0.1	1.30	3
**Sonchus oleraceus*	NQ01-08	0.1	0.20	1
**Trifolium campestre*	NQ01-09	0.1	0.15	
**Zantedeschia aethiopica*		0.1	0.50	15

* denotes weed species

Site: NQ02
Type: 10 x 10 m quadrat
Date: 16/10/2024
Described by: SH / JA
MGA zone: 50
Easting: 403175 **Northing:** 6497569
Habitat landform: Edge of minor drainage/ wetland
Soil: Brown. Clay loam.
Vegetation description: *Melaleuca rhaphiophylla* low closed forest over **Holcus lanatus* very open tussock grassland over *Machaerina* sp. very open sedgeland over *Alternanthera denticulata* very open herbland.
Note: *Typha* sp. makes open sedgeland (25%) along channel but couldn't be accessed due to inundation
Vegetation condition: Good
Fire age: Very long unburnt



NQ02 from the north-west corner.



NQ02 from the south-east corner.

Species List:

Name	Specimen number	Cover (%)	Height (m)	Number of individuals
Melaleuca rhaphiophylla	NQ02-01	75.0	9.0	
Alternanthera denticulata	NQ02-07	7.0	0.2	
**Holcus lanatus*	NQ02-06	3.0	0.8	
Machaerina sp.	NQ02-10	3.0	0.8	
**Callitriche stagnalis*	NQ02-09	0.5		
**Cynodon dactylon*		0.1	0.1	2
Isolepis cernua var. *setiformis*	NQ02-05	0.1	0.1	
**Rorippa nasturtium-aquaticum*	NQ02-02	0.1	0.1	
**Solanum nigrum*	NQ02-04	0.1	0.3	3
**Sonchus oleraceus*	NQ02-03	0.1	0.2	20
**Zantedeschia aethiopica*		0.1	0.5	6

* denotes weed species

Site: NQ03
Date: 16/10/2024
MGA zone: 50
Habitat landform: Plain
Soil: Grey. Loam.
Type: 10 x 10 m quadrat
Described by: SH / JA
Easting: 403359 **Northing:** 6497531
Vegetation description: *Eucalyptus rudis* subsp. *rudis* and *Corymbia calophylla* closed forest over **Ehrharta longiflora*, **Bromus diandrus* and **Hordeum leporinum* open tussock grassland.
Vegetation condition: Degraded
Fire age: Very long unburnt



NQ03 from the north-west corner.



NQ03 from the south-east corner.

Species List:

Name	Specimen number	Cover (%)	Height (m)	Number of individuals
Eucalyptus rudis *subsp. rudis*	NQ01-10	65.0	12.00	
**Bromus diandrus*	NQ01-01	10.0	0.40	50
Corymbia calophylla		10.0	10.00	
**Ehrharta longiflora*	NQ03-02	10.0	0.50	50
**Hordeum leporinum*	NQ03-01	3.0	0.70	8
**Arctotheca calendula*		0.1	0.10	5
Caladenia sp.	NC	0.1	0.20	
**Erigeron sumatrensis*	NQ03-06	0.1	0.10	
Fabaceae sp.	NQ03-04	0.1	0.40	1
**Hypochaeris glabra*	NQ01-07	0.1	0.10	2
**Lotus subbiflorus*	NQ01-02	0.1	0.15	
**Lysimachia arvensis*	NQ03-08	0.1	0.20	1
Microtis media subsp. *media*	NQ01-03	0.1	0.50	
**Ornithopus compressus*	NQ03-03	0.1	0.15	4
Oxalis sp.	NQ01-15	0.1	0.10	1
**Sonchus oleraceus*	NQ01-08	0.1	0.20	3
Taxandria linearifolia	NQ03-07	0.1	1.30	
**Zantedeschia aethiopica*		0.1	0.40	30

* denotes weed species

Site: NQ04
Date: 16/10/2024
MGA zone: 50
Type: 10 x 10 m quadrat
Described by: SH / JA
Easting: 403448 **Northing:** 6497378
Habitat landform: Minor drainage/ wetland
Soil: Black. Clay loam.
Vegetation description: *Melaleuca preissiana*, *Melaleuca rhaphiophylla* and *Eucalyptus rudis* subsp. *rudis* low open forest over *Machaerina rubiginosa*, *Lepidosperma effusum* and *Typha* ?*domingensis* open sedgeland over *Centella asiatica* very open herbland.
Vegetation condition: Very Good
Fire age: Very long unburnt



NQ04 from the north-west corner.



NQ04 from the south.

Species List:

Name	Specimen number	Cover (%)	Height (m)	Number of individuals
Melaleuca preissiana	NQ04-02	25.0	9.00	
Machaerina rubiginosa	NQ04-11	7.0	1.10	
Lepidosperma effusum	NQ04-07	5.0	1.50	
Melaleuca rhaphiophylla	NQ02-01	5.0	6.00	
Typha ?domingensis	NQ04-06	5.0	2.10	
Centella asiatica	NQ04-01	3.0	0.20	
Eucalyptus rudis subsp. *rudis*		3.0	6.00	
**Cenchrus clandestinus*	NQ04-12	0.1	0.15	1
Cyperus ?polystachyos	NQ04-15	0.1	0.30	
**Ehrharta calycina*	NQ04-08	0.1	0.80	1
**Holcus lanatus*	NQ02-06	0.1	0.40	
Lactuca sp.	NQ04-04	0.1	0.30	2
**Lolium rigidum*	NQ04-03	0.1	0.50	1
**Lotus subbiflorus*	NQ04-10	0.1	0.20	
**Lysimachia arvensis*	NQ04-14	0.1	0.20	1
**Rubus laudatus*	NQ04-05	0.1	1.20	2
**Rumex pulcher*	NQ04-09	0.1	0.40	
**Solanum nigrum*	NQ01-14	0.1	0.30	5
**Solanum nigrum*	NQ02-04	0.1	0.30	3
**Sonchus oleraceus*	NQ02-08	0.1	0.50	1
Taxandria linearifolia	NQ04-13	0.1	3.00	
**Zantedeschia aethiopica*		0.1	0.40	15

* denotes weed species
? denotes unconfirmed ID

Site: NQ05
Date: 16/10/2024
MGA zone: 50
Habitat landform: Plain
Soil: Grey. Loam.
Type: 10 x 10 m quadrat
Described by: SH / JA
Easting: 403880 **Northing:** 6497698
Vegetation description: *Eucalyptus rudis* subsp. *rudis*, *Eucalyptus victrix* and *Eucalyptus* ?*patens* closed forest over *Astartea* ?*leptophylla* open shrubland over **Zantedeschia aethiopica* scattered herbs.
Vegetation condition: Degraded
Fire age: Very long unburnt



NQ05 from the north-west corner.



NQ05 from the south-east corner.

Species List:

Name	Specimen number	Cover (%)	Height (m)	Number of individuals
Eucalyptus rudis subsp. *rudis*	NQ01-10	80.0	12.0	
Astartea ?leptophylla	NQ05-01	10.0	1.4	
Eucalyptus ?patens	NQ05-04	6.0	12.0	
Eucalyptus victrix	NQ05-03	6.0	12.0	3
**Zantedeschia aethiopica*		1.5	0.8	50
**Bromus diandrus*	NQ01-01	0.5	0.4	15
**Chasmanthe floribunda*	NQ01-16	0.1	0.3	1
Dodonaea sp.	NQ05-02	0.1	1.5	
**Lotus subbiflorus*	NQ01-02	0.1	0.2	
Microtis media subsp. *media*	NQ01-03	0.1	0.3	4

* denotes weed species
? denotes unconfirmed ID

Site: NQ06
Date: 16/10/2024
MGA zone: 50
Habitat landform: Drainage depression
Soil: Brown. Clay loam.
Type: 10 x 10 m quadrat
Described by: SH / JA
Easting: 403851 **Northing:** 6497654
Vegetation description: *Melaleuca preissiana* closed forest *Taxandria linearifolia* tall open shrubland over *Astartea scoparia* open shrubland over *Lepidosperma effusum* scattered sedges.
Vegetation condition: Good
Fire age: Very long unburnt



NQ06 from the north-west corner.



NQ06 from the south-east corner.

Species List:

Name	Specimen number	Cover (%)	Height (m)	Number of individuals
Melaleuca preissiana	NQ04-02	75.0	11.0	
Astartea scoparia	NQ06-02	2.0	1.6	
Taxandria linearifolia	NQ04-13	2.0	2.5	
Lepidosperma effusum	NQ04-07	1.0	0.9	
Lobelia anceps	NQ06-04	0.5		
**Zantedeschia aethiopica*		0.5	0.4	40
**Ehrharta longiflora*	NQ06-03	0.1	0.2	1
**Holcus lanatus*	NQ02-06	0.1	0.3	
**Hypochaeris glabra*	NQ06-06	0.1	0.2	1
**Lolium rigidum*	NQ04-03	0.1	0.3	1
**Lotus subbiflorus*	NQ04-10	0.1	0.1	
Microtis media	NQ06-05	0.1	0.3	
**Solanum nigrum*	NQ02-04	0.1	0.2	1
**Sonchus oleraceus*	NQ02-08	0.1	0.4	1
**Vulpia muralis*	NQ06-01	0.1	0.2	

* denotes weed species

Site: NR01
Date: 17/10/2024
MGA zone: 50
Habitat landform: Plain
Soil: Brown. Loam.
Type: Relevé
Described by: SH / JA
Easting: 403321 **Northing:** 6497431
Vegetation description: *Eucalyptus todtiana*, *Corymbia calophylla* and *Eucalyptus camaldulensis* low open forest over *Regelia ciliata*, *Calothamnus quadrifidus* subsp. *quadrifidus* and *Jacksonia* ?*fasciculata* shrubland over **Ehrharta calycina* and **Briza maxima* very open tussock grassland.
Vegetation condition: Good
Fire age: Very long unburnt



NR01 from the north-west corner.



NR01 from the south-east corner.

Species List:

Name	Specimen number	Cover (%)	Height (m)	Number of individuals
Eucalyptus todtiana		40.0	5.0	
Calothamnus quadrifidus subsp. *quadrifidus*	NR01-05	12.0	1.2	
Corymbia calophylla		12.0	8.0	
Regelia ciliata	SHOP002	12.0	1.3	
Eucalyptus camaldulensis	NR01-11	10.0	6.0	
Melaleuca preissiana		5.0	3.0	
Banksia attenuata	SHOP001	3.0	3.0	
**Ehrharta calycina*	NR01-08	3.0	0.8	1
Jacksonia ?fasciculata	NQR06-03	3.0	1.5	
Acacia saligna	NR01-04	2.0	1.3	
**Briza maxima*		2.0	0.5	50
**Hordeum leporinum*	NQ03-01	0.5	0.4	1
**Hypochaeris glabra*	NQ01-07	0.5	0.6	150
Podotheca gnaphalioides	NR01-01	0.5	0.6	75
**Carpobrotus edulis*		0.1	0.2	2
**Gladiolus caryophyllaceus*	NR01-10	0.1	1.1	1
**Melilotus indicus*	NR01-12	0.1	0.2	
Microtis media subsp. *media*	NQ01-03	0.1	0.6	30
**Petrorhagia dubia*	NR01-06	0.1	0.6	
Poranthera microphylla	NR01-07	0.1	0.1	
**Rorippa nasturtium-aquaticum*	NQ02-02	0.1	0.1	

Name	Specimen number	Cover (%)	Height (m)	Number of individuals
**Solanum nigrum*	NR01-09	0.1	0.1	
**Sonchus oleraceus*		0.1	0.4	3
**Ursinia anthemoides*		0.1	0.4	50
**Wahlenbergia capensis*	NR01-02	0.1	0.6	3
**Zantedeschia aethiopica*		0.1	0.2	50

* denotes weed species
? denotes unconfirmed ID

Site: NR02
Date: 17/10/2024
MGA zone: 50
Habitat landform: Minor creek
Soil: Black. Clay loam.
Type: Relevé
Described by: SH / JA
Easting: 403467 **Northing:** 6497502
Vegetation description: *Corymbia calophylla*, *Eucalyptus rudis* subsp. *rudis* and *Melaleuca preissiana* open forest over *Taxandria linearifolia* tall open shrubland over *Machaerina preissii* and *Machaerina* sp. open sedgeland over **Erigeron sumatrensis*, **Rumex pulcher* and *Alternanthera denticulata* very open herbland.
Vegetation condition: Very Good
Fire age: Very long unburnt



NR02 facing east.



NR02 facing north-west.

Species List:

Name	Specimen number	Cover (%)	Height (m)	Number of individuals
Corymbia calophylla		25.0	12.0	
Eucalyptus rudis subsp. *rudis*	NQ01-10	25.0	12.0	
Melaleuca preissiana	NQ04-02	10.0	11.0	
Machaerina preissii	NQR02-01	8.0	1.2	
Machaerina sp.	NQ02-10	5.0	0.8	
Taxandria linearifolia	NQ04-13	4.0	3.5	
Alternanthera denticulata	NQ02-07	2.0	0.2	
**Erigeron sumatrensis*	NQR02-02	1.0	0.3	
**Rumex pulcher*	NQ04-09	1.0	1.0	
**Holcus lanatus*	NQ02-06	0.5	0.8	
**Lotus subbiflorus*	NQ04-10	0.5	0.1	
**Rorippa nasturtium-aquaticum*	NQ02-02	0.5	0.1	
Isolepis cernua var. *setiformis*	NQ02-05	0.1	0.1	
**Lysimachia arvensis*	NQ04-14	0.1	0.1	1
Machaerina rubiginosa	NQ04-11	0.1	1.0	
**Solanum nigrum*	NQ01-14	0.1	0.3	1
**Sonchus oleraceus*	NQ02-08	0.1	0.2	1

* denotes weed species

Site: NR03
Date: 17/10/2024
MGA zone: 50
Habitat landform: Plain
Soil: Grey. Sandy loam.
Type: Relevé
Described by: SH / JA
Easting: 403803 **Northing:** 6497394
Vegetation description: *Eucalyptus todtiana* and *Corymbia calophylla* low open woodland over *Kunzea glabrescens*, *Melaleuca radula* and *Acacia saligna* tall open scrub over *Hypocalymma angustifolium*, *Melaleuca hamata* and *Grevillea curviloba* T open shrubland over **Bromus diandrus* scattered grasses over **Hypochaeris glabra* and **Ornithopus compressus* very open herbland.
Vegetation condition: Good
Fire age: Very long unburnt



NR03 from the north-west corner.



NR03 from the south-east corner.

Species List:

Name	Specimen number	Cover (%)	Height (m)	Number of individuals
Kunzea glabrescens	SHOP006	25.0	2.1	
**Hypochaeris glabra*	NQ01-07	8.0	0.2	250
Eucalyptus todtiana		5.0	6.0	
Melaleuca radula	NR03-02	5.0	2.1	
Corymbia calophylla		4.0	8.0	
Hypocalymma angustifolium	SHOP007	3.0	1.4	
Acacia saligna	NR03-03	2.0	3.5	
Grevillea curviloba T	SHOP012	2.0	1.4	
Melaleuca hamata	SHOP010	2.0	1.8	
**Bromus diandrus*	NQ01-01	0.5	0.6	1
**Ehrharta longiflora*	NQ03-02	0.5	0.6	1
**Ornithopus compressus*	NQ03-03	0.5	0.2	
Regelia ciliata	SHOP002	0.5	1.2	
Verticordia plumosa var. plumosa	SHOP009	0.5	1.1	
**Arctotheca calendula*		0.1	0.2	10
**Briza maxima*		0.1	0.4	5
Calothamnus quadrifidus subsp. *angustifolius*	SHOP008	0.1	1.1	
**Hordeum leporinum*	NQ03-01	0.1	0.3	1
**Lolium rigidum*	NR03-01	0.1	0.4	
Oxalis sp.	NQ01-15	0.1	0.2	1
Podotheca gnaphalioides	NR01-01	0.1	0.2	

Name	Specimen number	Cover (%)	Height (m)	Number of individuals
**Ursinia anthemoides*		0.1	0.3	40
**Wahlenbergia capensis*	NR01-02	0.1	0.4	
**Zantedeschia aethiopica*		0.1	0.2	10

* denotes weed species

Site: NR04
Date: 17/10/2024
MGA zone: 50
Habitat landform: Plain
Soil: Brown. Loam.
Type: Relevé
Described by: SH / JA
Easting: 403397 **Northing:** 6497672
Vegetation description: *Corymbia calophylla* open forest over **Ehrharta longiflora* tussock grassland.
Vegetation condition: Degraded
Fire age: Very long unburnt



NR04 facing north.



NR04 from the north-west corner.

Species List:

Name	Specimen number	Cover (%)	Height (m)	Number of individuals
Corymbia calophylla		50.0	14.0	
**Ehrharta longiflora*	NQ06-03	40.0	0.4	
**Zantedeschia aethiopica*		0.5	0.3	50

* denotes weed species

Site: NR05
Date: 17/10/2024
MGA zone: 50
Habitat landform: Plain
Soil: Brown. Sandy loam.
Vegetation description: *Corymbia calophylla* closed forest over **Bromus diandrus* and **Ehrharta longiflora* tussock grassland.
Vegetation condition: Degraded
Fire age: Very long unburnt

Type: Relevé
Described by: SH / JA
Easting: 403726 **Northing:** 6497445



NR05 from the north-west corner.



NR05 from the south-east corner.

Species List:

Name	Specimen number	Cover (%)	Height (m)	Number of individuals
Corymbia calophylla		75.0	14.00	
**Bromus diandrus*	NQ01-01	32.0	0.40	1
**Ehrharta longiflora*	NQR06-06	30.0	0.40	1
**Arctotheca calendula*		0.1	0.40	5
**Chasmanthe floribunda*	NQ01-16	0.1	0.20	1
**Erigeron sumatrensis*	NQR02-02	0.1	0.10	
**Hypochaeris glabra*	NQ01-07	0.1	0.30	1
Lactuca sp.	NQ04-04	0.1	0.25	1
**Lotus subbiflorus*	NQ01-02	0.1	0.20	
**Ornithopus compressus*	NQ03-03	0.1	0.20	
**Solanum nigrum*	NQ01-14	0.1	0.40	1
**Sonchus oleraceus*	NQ02-08	0.1	0.50	2
**Ursinia anthemoides*		0.1	0.30	4
**Zantedeschia aethiopica*		0.1	0.15	4

* denotes weed species

Site: NR06
Date: 17/10/2024
MGA zone: 50
Habitat landform: Plain
Soil: Grey. Loam sand.
Type: Relevé
Described by: SH / JA
Easting: 403438 **Northing:** 6497619
Vegetation description: *Corymbia calophylla* open woodland over *Eucalyptus todtiana* low woodland over **Ehrharta calycina*, **Ehrharta longiflora* and **Pentameris airoides* subsp. *airoides* open tussock grassland over **Hypochaeris glabra* and **Ursinia anthemoides* very open herbland.
Vegetation condition: Good
Fire age: Very long unburnt



NR06 from the north-west corner.



NR06 from the south-east corner.

Species List:

Name	Specimen number	Cover (%)	Height (m)	Number of individuals
Eucalyptus todtiana	NQR06-01	30.0	6.00	
**Ehrharta calycina*	NQ04-08	8.0	0.50	1
**Ehrharta longiflora*	NQR06-06	5.0	0.40	1
Corymbia calophylla		4.0	14.00	
**Hypochaeris glabra*	NQ06-06	2.0	0.20	1
**Pentameris airoides* subsp. *airoides*	NQR06-05	2.0	0.20	
**Ursinia anthemoides*		2.0	0.40	250
**Bromus diandrus*	NQR06-08	1.0	0.30	1
Acacia saligna	NQR06-02	0.5	4.50	
Melaleuca preissiana	NQ04-02	0.5	4.00	
Jacksonia ?fasciculata	NQR06-03	0.1	2.10	
Microtis media	NQ06-05	0.1	0.20	
**Ornithopus compressus*	NQR06-07	0.1	0.05	
Podotheca gnaphalioides	NQR06-04	0.1	0.30	

* denotes weed species
? denotes unconfirmed ID

Site: NR08
Date: 17/10/2024
MGA zone: 50
Habitat landform: Plain
Soil: Grey. Loam sand.
Type: Relevé
Described by: SH / JA
Easting: 403526 **Northing:** 6497633
Vegetation description: *Eucalyptus camaldulensis*, *Corymbia calophylla* and *Eucalyptus todtiana* low woodland over *Agonis flexuosa* var. *flexuosa* and *Acacia saligna* tall open shrubland over *Regelia ciliata* open shrubland over **Bromus diandrus*, **Pentameris airoides* subsp. *airoides* and **Ehrharta calycina* open tussock grassland over **Ursinia anthemoides* very open herbland.
Vegetation condition: Degraded
Fire age: Very long unburnt



NR08 from the north-west corner.



NR08 from the south-east corner.

Species List:

Name	Specimen number	Cover (%)	Height (m)	Number of individuals
Eucalyptus camaldulensis	NQR08-06	20.0	8.00	
Agonis flexuosa var. *flexuosa*	NQR08-01	8.0	5.00	
**Bromus diandrus*	NQR06-08	6.0	0.30	1
Regelia ciliata	NQR08-04	4.0	1.80	
**Ursinia anthemoides*		4.0	0.30	300
Corymbia calophylla		3.0	7.00	
**Ehrharta calycina*	NQ04-08	3.0	0.30	1
**Pentameris airoides* subsp. *airoides*	NQR06-05	3.0	0.20	
**Ehrharta longiflora*	NQR06-06	2.0	0.40	1
Eucalyptus todtiana	NQR06-01	2.0	6.00	
Acacia saligna	NQR06-02	1.0	4.00	
Crassula colorata var. *acuminata*	NQR08-02	0.1	0.05	
**Hypochaeris glabra*	NQ06-06	0.1	0.20	1
Melaleuca preissiana	NQ04-02	0.1	2.00	
Podotheca gnaphalioides	NQR06-04	0.1	0.20	
**Wahlenbergia capensis*	NQR08-03	0.1	0.30	

* denotes weed species

Site: NR10
Date: 17/10/2024
MGA zone: 50
Habitat landform: Plain
Soil: Grey. Loam sand.
Type: Relevé
Described by: SH / JA
Easting: 403649 **Northing:** 6497517
Vegetation description: *Eucalyptus camaldulensis*, *Eucalyptus todtiana*, *Corymbia calophylla* and *Melaleuca preissiana* low woodland over *Regelia ciliata* open shrubland over **Bromus diandrus*, **Ehrharta longiflora* and **Pentameris airoides* subsp. *airoides* very open tussock grassland over **Ursinia anthemoides* very open herbland.
Vegetation condition: Degraded
Fire age: Very long unburnt



NR10 from the north-west corner.



NR10 from the south-east corner.

Species List:

Name	Specimen number	Cover (%)	Height (m)	Number of individuals
Eucalyptus camaldulensis	NQR08-06	15.0	7.0	
Eucalyptus todtiana	NQR06-01	10.0	6.0	
**Bromus diandrus*	NQR06-08	5.0	0.2	1
Corymbia calophylla		4.0	9.0	
**Ursinia anthemoides*		3.0	0.4	300
Regelia ciliata	NQR08-04	2.0	1.2	
**Ehrharta longiflora*	NQR06-06	1.5	0.3	1
**Ehrharta calycina*	NQ04-08	1.0	0.4	1
Melaleuca preissiana	NQ04-02	1.0	6.0	
**Pentameris airoides* subsp. *airoides*	NQR06-05	1.0	0.2	
**Hypochaeris glabra*	NQ06-06	0.1	0.2	1
Microtis media	NQ06-05	0.1	0.3	
**Wahlenbergia capensis*	NQR08-03	0.1	0.4	

* denotes weed species

Site: NR12
Date: 15/12/2024
MGA zone: 50
Habitat landform: Drainage depression
Soil: Black. Sandy clay loam.
Type: Relevé
Described by: JA
Easting: 403444 **Northing:** 6497408
Vegetation description: *Melaleuca preissiana* low open forest over *Taxandria linearifolia* scattered tall shrubs over **Juncus microcephalus* and *Typha* ?*domingensis* open sedgeland and **Holcus lanatus* open tussock grassland
Vegetation condition: Good
Fire age: >10 years



NR12 facing north.



NR12 facing south.

Species List:

Name	Specimen number	Cover (%)	Height (m)	Number of individuals
Melaleuca preissiana		40.0	9.0	
**Holcus lanatus*		25.0	0.5	250
**Juncus microcephalus*	NR12-01	8.0	1.2	
Typha ?domingensis		2.0	3.0	
Taxandria linearifolia		1.0	3.0	
**Solanum nigrum*		0.5	0.6	10

* denotes weed species
? denotes unconfirmed ID

Site: NR14
Date: 15/12/2024
MGA zone: 50
Habitat landform: Minor creek
Soil: Black. Clay loam.
Vegetation description: *Melaleuca preissiana* and *Melaleuca rhaphiophylla* open forest over *Typha* ?*domingensis* and **Juncus microcephalus* sedgeland
Vegetation condition: Very Good
Fire age: Very long unburnt

Type: Relevé
Described by: JA
Easting: 403596 **Northing:** 6497382



NR14 facing north.



NR14 facing south-east.

Species List:

Name	Specimen number	Cover (%)	Height (m)	Number of individuals
Typha ?domingensis		35.0	1.1	
Melaleuca preissiana		25.0	12.0	
Melaleuca rhaphiophylla		25.0	12.0	
**Juncus microcephalus*	NR12-01	1.0	1.2	
**Holcus lanatus*		0.5	0.7	15
**Solanum nigrum*		0.5	0.7	6

* denotes weed species
? denotes unconfirmed ID

Site: NR16
Date: 15/12/2024
MGA zone: 50
Habitat landform: Minor drainage
Soil: Dark grey. Loam sand.
Type: Relevé
Described by: JA
Easting: 403675 **Northing:** 6497380
Vegetation description: *Corymbia calophylla*, *Melaleuca preissiana* and *Eucalyptus rudis* subsp. *rudis* open forest over *Taxandria linearifolia* and *Astartea scoparia* tall shrubland over **Bromus diandrus* and **Ehrharta longifolia* very open tussock grassland.
Vegetation condition: Good
Fire age: Very long unburnt



NR16 facing north.



NR16 facing south.

Species List:

Name	Specimen number	Cover (%)	Height (m)	Number of individuals
Corymbia calophylla		30.0	14.0	
Melaleuca preissiana		20.0	12.0	
Eucalyptus rudis subsp. *rudis*		10.0	14.0	
Taxandria linearifolia		8.0	4.0	
Astartea scoparia		5.0	2.2	
**Ehrharta longiflora*		5.0	0.6	250
**Bromus diandrus*		3.0	0.5	100
**Ehrharta calycina*		1.0	0.6	20
Lepidosperma effusum		0.5	1.1	

* denotes weed species

Site: NM01
Date: 17/10/2024
MGA zone: 50
Habitat landform: Plain
Soil: Grey. Sand.
Type: Mapping Note
Described by: SH / JA
Easting: 403230 **Northing:** 6497642
Vegetation description: *Astartea* ?*leptophylla* tall shrubland over *Taxandria linearifolia* scattered shrubs over **Holcus lanatus* very open tussock grassland **Lotus subbiflorus* and *Loxocarya* sp. open herbland.
Vegetation condition: Good
Fire age: Very long unburnt



NM01.



NM01.

Species List:

Name	Specimen number	Cover (%)	Height (m)	Number of individuals
Astartea ?leptophylla	NQ05-01	15.0	2.1	
**Lotus subbiflorus*	NQ01-02	10.0	0.3	
**Holcus lanatus*	NQ02-06	5.0	0.6	
Loxocarya sp.	NM01-02	3.0	0.3	
Taxandria linearifolia	NQ03-07	1.0	1.9	
Patersonia occidentalis var. *occidentalis*	NM01-01	0.1	0.6	
**Zantedeschia aethiopica*		0.1	0.5	12

* denotes weed species
? denotes unconfirmed ID

Site: NM02
Date: 17/10/2024
MGA zone: 50
Habitat landform: Plain
Soil: Grey. Loam sand.
Type: Mapping Note
Described by: SH / JA
Easting: 403543 **Northing:** 6497538
Vegetation description: **Pentameris airoides* subsp. *airoides* open tussock grassland over *Cartonema philydroides* and *Podotheca gnaphalioides* very open herbland.
Vegetation condition: Completely Degraded
Fire age: Very long unburnt



NM02 facing east.



NM02 facing west.

Species List:

Name	Specimen number	Cover (%)	Height (m)	Number of individuals
**Pentameris airoides* subsp. *airoides*	NQR06-05	25	0.30	
Cartonema philydroides	NQMN02-01	2	0.15	
Podotheca gnaphalioides	NQR06-04	1	0.15	

* denotes weed species

Site: NM03
Date: 17/10/2024
MGA zone: 50
Habitat landform: Plain
Soil: Grey. Sand.
Type: Mapping Note
Described by: SH / JA
Easting: 403200 **Northing:** 6497646
Vegetation description: *Melaleuca preissiana* low open forest over *Astartea* ?*leptophylla* low open shrubland over **Holcus lanatus* open tussock grassland.
Vegetation condition: Good
Fire age: Very long unburnt



NM03.



NM03.

Species List:

Name	Specimen number	Cover (%)	Height (m)	Number of individuals
Melaleuca preissiana		60.0	8.0	
**Holcus lanatus*	NQ02-06	10.0	0.7	
Astartea ?leptophylla	NQ05-01	2.0	0.8	
**Chasmanthe floribunda*	NQ01-16	0.1	0.6	1
**Hordeum leporinum*	NQ03-01	0.1	0.3	1
Patersonia occidentalis var. *occidentalis*	NM01-01	0.1	0.4	
**Solanum nigrum*	NQ01-14	0.1	0.9	1
**Sonchus oleraceus*		0.1	0.5	5
**Zantedeschia aethiopica*		0.1	0.5	12

* denotes weed species
? denotes unconfirmed ID

Site: NM04
Date: 17/10/2024
MGA zone: 50
Habitat landform: Plain
Soil: Grey. Loam sand.
Vegetation description: **Bromus diandrus, *Ehrharta calycina* and **Ehrharta longiflora* tussock grassland over **Arctotheca calendula* open herbland.
Vegetation condition: Completely Degraded
Fire age: Very long unburnt

Type: Mapping Note
Described by: SH / JA
Easting: 403879 **Northing:** 6497425



NM04.



NM04.

Site: NM06
Date: 17/10/2024
MGA zone: 50
Habitat landform: Minor creek
Soil: Black. Clay loam.
Type: Mapping Note
Described by: SH / JA
Easting: 403589 **Northing:** 6497418
Vegetation description: *Melaleuca rhaphiophylla*, *Eucalyptus rudis* subsp. *rudis* and *Corymbia calophylla* closed forest over *Machaerina preissii* and *Cycnogeton huegelii* open sedgeland over **Rumex pulcher*, **Rorippa nasturtium-aquaticum* and *Alternanthera denticulata* open herbland.
Vegetation condition: Good
Fire age: Very long unburnt



NM06 facing south.



NM06 facing west.

Site: NM08
Date: 15/12/2024
MGA zone: 50
Type: Mapping Note
Described by: JA
Easting: 403495 **Northing:** 6497408
Habitat landform: Drainage depression
Soil: Dark grey. Sandy clay loam.
Vegetation description: *Melaleuca preissiana* low open woodland over *Taxandria linearifolia* tall open shrubland over *Cyperus polystachyos* sedgeland and *Lotus subbiflorus* herbland.
Vegetation condition: Degraded
Fire age: Very long unburnt



NM08 facing north-west.



NM08 facing south-west.

Species List:

Name	Specimen number	Cover (%)	Height (m)	Number of individuals
Cyperus polystachyos	NM08-01	35	0.40	
**Lotus subbiflorus*	NM08-02	35	0.10	
Melaleuca preissiana		5	8.00	
Taxandria linearifolia		5	3.00	
Bromus arenarius		2	0.15	
**Holcus lanatus*		2	0.40	250

* denotes weed species

Site: NM10
Date: 15/12/2024
MGA zone: 50
Habitat landform: Plain
Soil: Dark grey. Loam sand.
Vegetation description: *Corymbia calophylla* open forest over **Bromus diandrus*, **Ehrharta longifolia* open tussock grassland.
Vegetation condition: Degraded
Fire age: Very long unburnt

Type: Mapping Note
Described by: JA
Easting: 403658 **Northing:** 6497415



NM10 facing north.



NM10 facing south.

Species List:

Name	Specimen number	Cover (%)	Height (m)	Number of individuals
Corymbia calophylla		65	14.0	
**Bromus diandrus*		12	0.4	100
**Ehrharta longiflora*		5	0.4	100

* denotes weed species

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Appendix J: Wetland Evaluation

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403200 403400 403600 403800 404000

6497800

6497600

6497400

15732

8773

8909

8910

8911

Tonkin Hwy

Neaves Rd

Survey Area

Conservation category wetlands (Astron)

Vegetation Association

C1

C2

Geomorphic Wetland Type

Conservation

Multiple Use

Main Roads Western Australia

Lot 156 Neaves Road Bullsbrook - Biological and Targeted Black Cockatoo Survey, October 2024

Figure J.1: Riparian vegetation mapping

Scale: 1:2,500 at A3

Coordinate System: GDA2020 MGA Zone 50

0 50 100 150 200 Metres

N

astron

an ecocene company

Author: J. Atkinson | Drawn: C. Dyde | Date: 28-04-2025 | Figure Ref: 8600-004-24-BIDR-1RevB_250428_FigJ1_RVM

Table J.1: Preliminary wetland evaluation for UFI 8773, UFI 8910 and UFI 8909 (Department of Biodiversity et al. 2017).

Number	Criteria	Yes/No
1	The wetland is currently recognised as internationally or nationally significant for its natural values. Lists/registers include: • The Ramsar Convention on Wetlands • State government endorsed candidate sites for the Ramsar Convention on Wetlands • Directory of Important Wetlands in Australia • National Heritage List • • or equivalent.	No
2	The wetland is spatially dominated by vegetation in a good or better condition using the vegetation condition scale outlined in Appendix B and is identified as significant for its natural values under one or more of the following: • Conservation Reserves for Western Australia Systems 1, 2, 3, 5 • Conservation Reserves for Western Australia, The Darling System – System 6 • A Systematic Overview of Environmental Values of the Wetlands, Rivers and Estuaries of the Busselton – Walpole Region • The Environmental Significance of Wetlands in the Perth to Bunbury Region • • **Bush Forever,** Swan Bioplan (including Peel Regionally Significant Natural Areas) or equivalent.	Yes
3	The wetland supports a breeding, roosting, or refuge site or a critical feeding site for populations of fauna listed by the Australian Government (for example, Environment Protection and Biodiversity Conservation Act 1999, migratory bird agreements such as JAMBA, CAMBA and RoKAMBA) or the State (for example, threatened and specially protected fauna listed under the Wildlife Act 1950).	No
4	The wetland is spatially dominated by vegetation in a good or better condition using the vegetation condition scale outlined in Appendix B and supports one or more of the following: • an occurrence of a threatened ecological community • a confirmed occurrence of a priority 1 or priority 2 ecological community • a confirmed occurrence of a declared rare (threatened) flora species.	No
5	Equal to or greater than 90% of the wetland supports vegetation in a good or better condition using the vegetation condition scale outlined in Appendix B.	No

6	The wetland is spatially dominated by vegetation in a good or better condition using the vegetation condition scale outlined in Appendix B and is known to support internationally, nationally or state-wide scientific values including geoheritage and geoconservation.	No
7	The wetland is spatially dominated by vegetation in a good or better condition using the vegetation condition scale outlined in Appendix B and meets one of the following: • **≤ 10% of wetlands of the same type are assigned Conservation management category within the Swan Coastal Plain (by area)** • **≤ 10% of all wetlands in the same consanguineous suite are assigned Conservation management category (by area)** • **≤ 10% of wetlands of the same type in its consanguineous suite are assigned Conservation management category (by area)** • best representative of its type within its consanguineous suite domain.	Yes

Underlined information indicates where criteria has been met (where multiple criteria occur).

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Appendix K: Vascular Flora Species List and Site by Species Matrix

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Table K.1: Vascular flora species list for the survey area.

Family	Species name	Conservation status	Weed
Aizoaceae	**Carpobrotus edulis*		*
Amaranthaceae	*Alternanthera denticulata*		
Apiaceae	*Centella asiatica*		
Araceae	**Zantedeschia aethiopica*		*
Asteraceae	**Arctotheca calendula*		*
	**Erigeron sumatrensis*		*
	**Hypochaeris glabra*		*
	Lactuca sp.		
	Podotheca gnaphalioides		
	**Sonchus oleraceus*		*
	**Ursinia anthemoides*		*
Boraginaceae	**Echium plantagineum*		*
Brassicaceae	**Rorippa nasturtium-aquaticum*		*
Campanulaceae	*Lobelia anceps*		
	**Wahlenbergia capensis*		*
Caryophyllaceae	**Petrorhagia dubia*		*
	**Polycarpon tetraphyllum*		*
Commelinaceae	*Cartonema philydroides*		
Crassulaceae	*Crassula colorata* var. *acuminata*		
Cyperaceae	*Cyperaceae* sp.		
	Cyperus ?polystachyos		
	Cyperus polystachyos		
	Isolepis cernua var. *setiformis*		
	Lepidosperma effusum		
	Machaerina preissii		
	Machaerina rubiginosa		
	Machaerina sp.		
Fabaceae	*Acacia saligna*		
	Fabaceae sp.		
	Jacksonia ?fasciculata		
	**Lotus subbiflorus*		*
	**Medicago polymorpha*		*
	**Melilotus indicus*		*
	**Ornithopus compressus*		*
	**Trifolium campestre*		*
Iridaceae	**Chasmanthe floribunda*		*
	**Gladiolus caryophyllaceus*		*
	Patersonia occidentalis var. *occidentalis*		

Family	Species name	Conservation status	Weed
Juncaceae	**Juncus microcephalus*		*
	Juncus pallidus		
Juncaginaceae	*Cycnogeton huegelii*		
Myrtaceae	*Agonis flexuosa* var. *flexuosa*		
	Astartea ?leptophylla		
	Astartea scoparia		
	Callistemon phoeniceus		
	Calothamnus quadrifidus subsp. *angustifolius*		
	Calothamnus quadrifidus subsp. *quadrifidus*		
	Corymbia calophylla		
	Eucalyptus camaldulensis		
	Eucalyptus gomphocephala		
	Eucalyptus ?patens		
	Eucalyptus robusta		
	Eucalyptus rudis subsp. *rudis*		
	Eucalyptus todtiana		
	Eucalyptus victrix		
	Hypocalymma angustifolium		
	Kunzea glabrescens		
	Melaleuca hamata		
	Melaleuca preissiana		
	Melaleuca radula		
	Melaleuca rhaphiophylla		
	Regelia ciliata		
	Taxandria linearifolia		
	Verticordia plumosa var. *plumosa*		
Orchidaceae	*Caladenia* sp.		
	Microtis media		
	Microtis media subsp. *media*		
Orobanchaceae	**Orobanche minor*		*
Oxalidaceae	*Oxalis* sp.		
Phyllanthaceae	*Poranthera microphylla*		
Phytolaccaceae	**Phytolacca octandra*		*
Plantaginaceae	**Callitriche stagnalis*		*
Poaceae	**Briza maxima*		*
	Bromus arenarius		
	**Bromus diandrus*		*
	**Cenchrus clandestinus*		*
	**Cynodon dactylon*		*

Family	Species name	Conservation status	Weed
Poaceae	**Ehrharta calycina*		*
	**Ehrharta longiflora*		*
	**Holcus lanatus*		*
	**Hordeum leporinum*		*
	**Lolium rigidum*		*
	**Pentameris airoides* subsp. *airoides*		*
	**Vulpia muralis*		*
Polygonaceae	**Rumex pulcher*		*
Primulaceae	**Lysimachia arvensis*		*
Proteaceae	*Banksia attenuata*		
	Grevillea curviloba T	T	
Ranunculaceae	**Ranunculus muricatus*		*
Restionaceae	*Loxocarya* sp.		
Rosaceae	**Rubus laudatus*		*
Sapindaceae	*Dodonaea* sp.		
Solanaceae	**Solanum nigrum*		*
Typhaceae	*Typha ?domingensis*		

Table K.2: Flora site by species matrix for the survey area.

Species	NQ01	NQ02	NQ03	NQ04	NQ05	NQ06	NR01	NR02	NR03	NR04	NR05	NR06	NR08	NR10	NR12	NR14	NR16	NM01	NM02	NM03	NM06	NM08	NM10	OPP
Acacia saligna							x		x			x	x											x
Agonis flexuosa var. *flexuosa*													x											x
Alternanthera denticulata		x						x													x			
**Arctotheca calendula*	x		x						x		x													
Astartea ?leptophylla					x													x		x				
Astartea scoparia						x											x							
Banksia attenuata							x																	x
**Briza maxima*	x						x		x															
Bromus arenarius	x																					x		
**Bromus diandrus*	x		x		x				x		x	x	x	x			x						x	
Caladenia sp.			x																					
Callistemon phoeniceus																								x
**Callitriche stagnalis*		x																						
Calothamnus quadrifidus subsp. *angustifolius*									x															x
Calothamnus quadrifidus subsp. *quadrifidus*							x																	
**Carpobrotus edulis*							x																	x
Cartonema philydroides																			x					
**Cenchrus clandestinus*	x			x																				
Centella asiatica				x																				
**Chasmanthe floribunda*	x				x						x									x				
Corymbia calophylla			x				x	x	x	x	x	x	x	x			x				x		x	
Crassula colorata var. *acuminata*													x											
Cycnogeton huegelii																					x			
**Cynodon dactylon*		x																						
Cyperaceae sp.	x																							
Cyperus ?polystachyos				x																				
Cyperus polystachyos																						x		
Dodonaea sp.					x																			
**Echium plantagineum*																								x
**Ehrharta calycina*				x			x					x	x	x			x							
**Ehrharta longiflora*			x			x			x	x	x	x	x	x			x						x	
**Erigeron sumatrensis*			x					x			x													
Eucalyptus camaldulensis							x						x	x										x
Eucalyptus gomphocephala																								x
Eucalyptus ?patens					x																			
Eucalyptus robusta																								x
Eucalyptus rudis subsp. *rudis*	x		x	x	x			x									x				x			
Eucalyptus todtiana							x		x			x	x	x										

Species	NQ01	NQ02	NQ03	NQ04	NQ05	NQ06	NR01	NR02	NR03	NR04	NR05	NR06	NR08	NR10	NR12	NR14	NR16	NM01	NM02	NM03	NM06	NM08	NM10	OPP
Eucalyptus victrix					x																			
Fabaceae sp.			x																					
**Gladiolus caryophyllaceus*							x																	
Grevillea curviloba T									x															x
**Holcus lanatus*	x	x		x		x		x							x	x		x		x		x		
**Hordeum leporinum*			x				x		x											x				
Hypocalymma angustifolium									x															x
**Hypochaeris glabra*	x		x			x	x		x		x	x	x	x										
Isolepis cernua var. *setiformis*		x						x																
Jacksonia ?fasciculata							x					x												
**Juncus microcephalus*															x	x								
Juncus pallidus																								x
Kunzea glabrescens									x															x
Lactuca sp.				x							x													
Lepidosperma effusum				x		x											x							
Lobelia anceps	x					x																		
**Lolium rigidum*				x		x			x															
**Lotus subbiflorus*	x		x	x	x	x		x			x							x				x		
Loxocarya sp.																		x						
**Lysimachia arvensis*			x	x				x																
Machaerina preissii								x													x			
Machaerina rubiginosa				x				x																
Machaerina sp.		x						x																
**Medicago polymorpha*																								x
Melaleuca hamata									x															x
Melaleuca preissiana				x		x	x	x				x	x	x	x	x	x			x		x		
Melaleuca radula									x															
Melaleuca rhaphiophylla		x		x												x					x			
**Melilotus indicus*							x																	
Microtis media						x						x		x										
Microtis media subsp. *media*	x		x		x		x																	
**Ornithopus compressus*			x						x		x	x												
**Orobanche minor*																								x
Oxalis sp.	x		x						x															
Patersonia occidentalis var. *occidentalis*																		x		x				
**Pentameris airoides* subsp. *airoides*												x	x	x					x					
**Petrorhagia dubia*							x																	
**Phytolacca octandra*																								x
Podotheca gnaphalioides							x		x			x	x						x					

Species	NQ01	NQ02	NQ03	NQ04	NQ05	NQ06	NR01	NR02	NR03	NR04	NR05	NR06	NR08	NR10	NR12	NR14	NR16	NM01	NM02	NM03	NM06	NM08	NM10	OPP
**Polycarpon tetraphyllum*																								x
Poranthera microphylla							x																	
**Ranunculus muricatus*																								x
Regelia ciliata							x		x				x	x										x
**Rorippa nasturtium-aquaticum*		x					x	x													x			x
**Rubus laudatus*				x																				x
**Rumex pulcher*				x				x													x			
**Solanum nigrum*	x	x		x		x	x	x			x				x	x				x				
**Sonchus oleraceus*	x	x	x	x		x	x	x			x									x				
Taxandria linearifolia			x	x		x		x							x		x	x				x		
**Trifolium campestre*	x																							
Typha ?domingensis				x											x	x								
**Ursinia anthemoides*							x		x		x	x	x	x										
Verticordia plumosa var. *plumosa*									x															x
**Vulpia muralis*						x																		
**Wahlenbergia capensis*							x		x				x	x										
**Zantedeschia aethiopica*	x	x	x	x	x	x	x		x	x	x							x		x				

Appendix L: Conservation Significant Flora and Introduced Flora Descriptions and Locations, and Threatened and Priority Flora Report Forms

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403200 403400 403600 403800 404000

6497800

6497600

6497400

Tonkin HwY

*Rubus laudatus

*Zantedeschia aethiopica

Neaves Rd

Survey Area

Conservation Significant Flora

Grevillea curviloba T

Introduced Weed

*Echium plantagineum

*Rubus laudatus

*Zantedeschia aethiopica

Main Roads Western Australia

Lot 156 Neaves Road Bullsbrook - Biological and Targeted Black Cockatoo Survey, October 2024

Figure L.1: Conservation significant flora and introduced weed locations

Scale: 1:2,500 at A3

Coordinate System: GDA2020 MGA Zone 50

0 50 100 150 200 Metres

N

astron an ecocene company

Author: J. Atkinson Drawn: C. Dyde Date: 28-04-2025 Figure Ref: 8600-004-24-BIDR-1RevB_250428_FigL1_Flora

Table L.1: Conservation significant flora locations.

Family	Species name	Status	Abundance	Easting	Northing
Proteaceae	*Grevillea curviloba*	Threatened	1	403803	6497394
Proteaceae	*Grevillea curviloba*	Threatened	1	403808	6497388

Table L.2: Description of significant species recorded in the survey area.

Species	Description[1]	Photo
Grevillea curviloba (T)	Prostrate to erect shrub, 0.1-2.5 m high. Flowers white-cream, August to October	 Plate L.1: *Grevillea curviloba* T individual. Image taken during survey

Table L.3: Declared flora locations.

Family	Species name	Status	Abundance	Easting	Northing
Boraginaceae	**Echium plantagineum*	Declared pest	15	403939	6497624
Rosaceae	**Rubus laudatus*	Declared pest, WoNS	2	403448	6497378
Rosaceae	**Rubus laudatus*	Declared pest, WoNS	1	403613	6497401
Araceae	**Zantedeschia aethiopica*	Declared pest	12	403230	6497642
Araceae	**Zantedeschia aethiopica*	Declared pest	12	403200	6497646
Araceae	**Zantedeschia aethiopica*	Declared pest	15	403234	6497580
Araceae	**Zantedeschia aethiopica*	Declared pest	6	403175	6497569
Araceae	**Zantedeschia aethiopica*	Declared pest	30	403359	6497531

Family	Species name	Status	Abundance	Easting	Northing
Araceae	**Zantedeschia aethiopica*	Declared pest	15	403448	6497378
Araceae	**Zantedeschia aethiopica*	Declared pest	50	403880	6497698
Araceae	**Zantedeschia aethiopica*	Declared pest	40	403851	6497654
Araceae	**Zantedeschia aethiopica*	Declared pest	50	403321	6497431
Araceae	**Zantedeschia aethiopica*	Declared pest	10	403803	6497394
Araceae	**Zantedeschia aethiopica*	Declared pest	50	403397	6497672
Araceae	**Zantedeschia aethiopica*	Declared pest	4	403726	6497445

Table L.4: Descriptions of declared flora within the survey area.

Species	Description[1]	Photo
**Echium plantagineum*	Erect annual or biennial, herb, 0.1-0.6(-1) m high. Fl. blue/blue-purple/pink/white, mainly Sep to Dec or Jan. Weed of roadsides, vacant lands & disturbed grounds.	 **Plate L.2: *Echium plantagineum* individual. Image taken during survey**

Species	Description[1]	Photo
**Rubus laudatus*	Decumbent shrub, to 3 m high. Fl. white, Oct to Dec or Jan. Grey to black-grey sand, red-brown gravelly loam, granite. Low flats, along watercourses and streams, near swamps, roadsides.	 **Plate L.3: *_Rubus laudatus_ individual. Image taken during survey**
**Zantedeschia aethiopica*	Rhizomatous (tuber-like), perennial, herb, to 1 m high. Fl. white, Jul to Nov. Loam, sand. Swamps, rarely uplands.	 **Plate L.4: *Zantedeschia aethiopica individual. Image taken during survey**

1. Information sourced from: https://florabase.dbca.wa.gov.au/ (Western Australian Herbarium 2025)

Department of **Biodiversity, Conservation and Attractions**

GOVERNMENT OF WESTERN AUSTRALIA

Threatened and Priority Flora Report Form

Version 1.4 March 2021

Please complete as much of the form as possible, with emphasis on those sections bordered in black. For information on how to complete the form please refer to the Threatened & Priority Flora Report Form (TPRF) manual on the DBCA website at www.dpaw.wa.gov.au/plants-and-animals/threatened-species-and-communities/threatened-plants

TAXON: *Grevillea curviloba* T **TPFL Pop. No:**

OBSERVATION DATE: 15/10/2024 **CONSERVATION STATUS:** T **New population** ☒

OBSERVER/S: Sarah Hayler, Janelle Atkinson **PHONE** 9421 9600

ROLE: Botanist, Principal Botanist **ORGANISATION:** Astron Environmental Services

EMAIL:

DESCRIPTION OF LOCATION (Provide at least nearest town/named locality, and the distance and direction to that place)**:**

Lot 156 Neaves Road, Bullsbrook

Reserve No:

DBCA DISTRICT: Swan **LGA:** City of Swan Land manager present: ☐

DATUM:
GDA94 / MGA94 ☒
AGD84 / AMG84 ☐
WGS84 ☐
Unknown ☐

COORDINATES: (If UTM coords provided, **Zone** is also required)
DecDegrees ☐ DegMinSec ☐ UTMs ☒

Lat / Northing: 6497393.53 ; 6497387.55

Long / Easting: 403802.90 ; 403808.39

ZONE: 50J

METHOD USED:
GPS ☒ Differential GPS ☐ Map ☐

No. satellites: ____ Map used: _____

Boundary polygon captured: ☐ Map scale: _____

LAND TENURE:

Nature reserve ☐	Timber reserve ☐	Private property ☒	Rail reserve ☐	Shire road reserve ☐
National park ☐	State forest ☐	Pastoral lease ☐	MRWA road reserve ☐	Other Crown reserve ☐
Conservation park ☐	Water reserve ☐	UCL ☐	SLK/Pole _____ to _____	Specify other: _____

AREA ASSESSMENT: Edge survey ☐ Partial survey ☒ Full survey ☐ Area observed (m²): _____

EFFORT: Time spent surveying (minutes): _____ No. of minutes spent / 100 m²: _____

POP'N COUNT ACCURACY: Actual ☐ Extrapolation ☐ Estimate ☒ Count method: _____
(Refer to field manual for list)

WHAT COUNTED: Plants ☒ Clumps ☐ Clonal stems ☐

TOTAL POP'N STRUCTURE:

	Mature:	Juveniles:	Seedlings:	Totals:
Alive	2			2
Dead				

Area of pop (m²): _____

Note: Pls record count as numbers (not percentages) for database.

QUADRATS PRESENT: No. 1 Size 10m x 10m Data attached ☐ Total area of quadrats (m²): 100

Summary Quad. Totals: Alive				

REPRODUCTIVE STATE:
Clonal ☐ Vegetative ☒ Flowerbud ☐ Flower ☒
Immature fruit ☐ Fruit ☐ Dehisced fruit ☐ Percentage in flower: _____%

CONDITION OF PLANTS: Healthy ☒ Moderate ☐ Poor ☐ Senescent ☐

COMMENT:

THREATS - type, agent and supporting information: Eg clearing, too frequent fire, weed, disease. Refer to field manual for list of threats & agents. **Specify agent** where relevant. Rate current and potential threat impact: N=Nil, L=Low, M=Medium, H=High, E=Extreme Estimate time to potential impact: S=Short (<12mths), M=Medium (<5yrs), L=Long (5yrs+)	**Current impact (N-E)**	**Potential Impact (L-E)**	**Potential Threat Onset (S-L)**
• Weeds	M	M	L
•			
•			

Please return completed form to **Species And Communities Program** DBCA,
Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983 **OR** email to: flora.data@dbca.wa.gov.au

RECORDS: Please forward to **Flora Administrative Officer,** Species and Communities Program.

Record entered by:_____ **Sheet No.:**_____ **Record Entered in Database** ❑

Department of **Biodiversity, Conservation and Attractions**

GOVERNMENT OF WESTERN AUSTRALIA

Threatened and Priority Flora Report Form

Version 1.4 March 2021

HABITAT INFORMATION:

LANDFORM:
Crest ☐
Hill ☐
Ridge ☐
Outcrop ☐
Slope ☐
Flat ☒
Open depression ☐
Drainage line ☐
Closed depression ☐
Wetland ☐

ROCK TYPE:
Granite ☐
Dolerite ☐
Laterite ☐
Ironstone ☐
Limestone ☐
Quartz ☐
Specify other: _____

LOOSE ROCK:
(on soil surface; eg gravel, quartz fields)
0-10% ☒
10-30% ☐
30-50% ☐
50-100% ☐

SOIL TYPE:
Sand ☐
Sandy loam ☐
Loam ☐
Clay loam ☐
Light clay ☐
Peat ☐
Specify other: Clay sand Alluvial

SOIL COLOUR:
Red ☐
Brown ☐
Yellow ☐
White ☐
Grey ☒
Black ☐
Specify other: _____

DRAINAGE:
Well drained ☐
Seasonally inundated ☒
Permanently inundated ☐
Tidal ☐

Specific **Landform** Element:
(Refer to field manual for additional values)

CONDITION OF SOIL: Dry ☐ Moist ☒ Waterlogged ☐ Inundated ☐

VEGETATION CLASSIFICATION*:
Eg: **1**. Banksia woodland (B. attenuata, B. ilicifolia); **2**. Open shrubland (Hibbertia sp., Acacia spp.) ; **3**. Isolated clumps of sedges (M.tetragona)

1. Eucalyptus todtiana and Corymbia calophylla low open woodland
2. Kunzea glabrescens, Melaleuca radula and Acacia saligna tall open scrub
3. Hypocalymma angustifolium, Melaleuca hamata and Grevillea curviloba open shrubland
4. Hypochaeris glabra and Ornithopus compressus very open herbland

ASSOCIATED SPECIES:

Other (non-dominant) spp

* Please record up to four of the most representative vegetation layers (with up to three dominant species in each layer). Structural Formations should follow 2009 *Australian Soil and Land Survey Field Handbook* guidelines – refer to field manual for further information and structural formation table.

CONDITION OF HABITAT: Pristine ☐ Excellent ☐ Very good ☐ Good ☒ Degraded ☐ Completely degraded ☐

COMMENT:

FIRE HISTORY: **Last Fire:** Season/Month: _____ Year: _____ **Fire Intensity:** High ☐ Medium ☐ Low ☐ No signs of fire ☐

FENCING: Not required ☐ Present ☐ Replace / repair ☐ Required ☐ Length req'd: _____

ROADSIDE MARKERS: Not required ☐ Present ☐ Replace / reposition ☐ Required ☐ Quantity req'd: _____

OTHER COMMENTS: (Please include recommended management actions and/or implemented actions - include date. Also include details of additional data available, and how to locate it.)

FLORA AUTHORISATION / LICENCE No: FB62000397-4 / TFL 2223-0083 Note if only observing plants (i.e. no specimens or plant matieral is taken) then no authorisation/licence is required. For further information on authorisation and licening requirements see the Threatened Flora and Wildlife Licensing pages on DBCA's website. Any actions carried out under authorisations/licences should be recorded above in the OTHER COMMENTS section.

SPECIMEN: Collectors No: SHOP012 WA Herb. ☐ Regional Herb. ☐ District Herb. ☐ Other: _____

LODGEMENT: WA Herb Lodgement No: _____

ATTACHED: Map ☐ Mudmap ☐ Photo ☐ GIS data ☐ Field notes ☐ Other: _____

COPY SENT TO: Regional Office ☐ District Office ☐ Other: _____

Submitter of Record: Breanna Muste Role: Environmental Scientist Signed: BM Date: 24/01/2024

Please return completed form to **Species And Communities Program** DBCA,
Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983 **OR** email to: flora.data@dbca.wa.gov.au

RECORDS: Please forward to **Flora Administrative Officer,** Species and Communities Program.

Record entered by:_____ **Sheet No.:**_____ **Record Entered in Database** ❑

Appendix M: Fauna Habitat Mapping and Fauna Habitat Assessments

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Table M.1: Habitat assessment sites for the survey area.

Site ID	Zone 50		Sample date	Fauna habitat type	Habitat description	Condition	Disturbance	Microhabitats	Photograph
	Easting (mE)	Northing (mN)							
HA_01	403190	6497685	16/10/2024	Cleared	Cleared area with a ground cover of weeds.	Highly Degraded	Roads, rubbish, weeds, clearing	Soft soil (burrows)	
HA_02	403429	6497713	16/10/2024	Eucalypt Forest	*Corymbia calophylla* canopy with planted *Eucalyptus sp*. over a weedy ground cover.	Disturbed	Rubbish, weeds, clearing	Soft soil (burrows)	
HA_03	403873	6497714	16/10/2024	Mixed Planted Trees	Dense mid story of *Eucalyptus, Melaleuca* and *Acacia* over a weedy ground cover.	Disturbed	Grazing, weeds, clearing	Thick undergrowth, soft soil (burrows), leaf litter	
HA_04	403975	6497662	16/10/2024	Wetland and Fringing Vegetation	*Melaleuca* canopy over a weedy ground cover. Seasonal flooding.	Good	Weeds, clearing	Temporary surface water, thick undergrowth, leaf litter	

Site ID	Zone 50		Sample date	Fauna habitat type	Habitat description	Condition	Disturbance	Microhabitats	Photograph
	Easting (mE)	Northing (mN)							
HA_05	403267	6497543	16/10/2024	Wetland and Fringing Vegetation	Creek line with fringing *Eucalyptus rudis* and *Melaleuca* canopy. Surface water present along creek line with *Typha* and other reed species. Seasonal flooding.	Good	Weeds	Logs, crevices, soft soil (burrows), semi-permanent water, leaf litter	
HA_06	403957	6497563	16/10/2024	Mixed Planted Trees	Planted *Eucalyptus* trees, often in rows over scattered mixed shrubs and a weedy ground cover.	Disturbed	Weeds, clearing	Logs, soft soil (burrows), leaf litter	
HA_07	403602	6497496	16/10/2024	Cleared	Cleared area with a ground cover of weeds.	Highly Degraded	Roads, weeds, clearing	Soft soil (burrows)	
HA_08	403638	6497497	16/10/2024	Mixed Planted Trees	Planted *Eucalyptus* trees, often in rows over a weedy ground cover.	Disturbed	Weeds, cleared	Soft soil (burrows), leaf litter	
HA_09	403805	6497496	16/10/2024	Mixed Planted Trees	Planted *Eucalyptus* trees, often in rows over scattered mixed shrubs and a weedy ground cover.	Disturbed	Weeds, cleared	Logs, soft soil (burrows), leaf litter	

Site ID	Zone 50		Sample date	Fauna habitat type	Habitat description	Condition	Disturbance	Microhabitats	Photograph
	Easting (mE)	Northing (mN)							
HA_10	403945	6497418	16/10/2024	Mixed Planted Trees	Planted *Eucalyptus* trees, often in rows over scattered mixed shrubs and a weedy ground cover. Several dead trees in this area (approximately 40% within sight from this point).	Disturbed	Weeds, cleared	Logs, soft soil (burrows)	
HA_11	403755	6497416	16/10/2024	Shrubland and Open Woodland	Dense *Melaleuca* shrubland over a weedy ground cover.	Good	Weeds, clearing	Thick undergrowth, soft soil (burrows), leaf litter	
HA_12	403589	6497414	16/10/2024	Wetland and Fringing Vegetation	Creek line with a fringing *Melaleuca* canopy. Surface water present in creek line with reeds present. Seasonal flooding.	Good	Weeds	Logs, crevices, thick undergrowth, soft soil (burrows), semi-permanent water, leaf litter	
HA_13	403350	6497413	16/10/2024	Shrubland and Open Woodland	*Eucalyptus todtiana* and non-native planted *Eucalyptus* trees over scattered mixed shrubs and a weedy ground cover.	Good	Weeds, clearing	Logs, crevices, thick undergrowth, soft soil (burrows), leaf litter	

403200 403400 403600 403800 404000

6497800

6497600

6497400

Tonkin HWY

Neaves Rd

Survey Area

Fauna Habitat

- Eucalypt forest
- Mixed planted trees
- Shrubland and open woodland
- Wetland and fringing vegetation
- Cleared

Main Roads Western Australia

Lot 156 Neaves Road Bullsbrook - Biological and Targeted Black Cockatoo Survey, October 2024

Figure M.1: Fauna habitat mapping

Scale: 1:2,500 at A3

Coordinate System: GDA2020 MGA Zone 50

0 50 100 150 200 Metres

N

astron an ecocene company

Author: A. McCreery | Drawn: C. Dyde | Date: 28-04-2025 | Figure Ref: 8600-004-24-BIDR-1RevB_250428_FigM1_Habitat

Appendix N: Significant Fauna Species Recorded and Threatened and Priority Fauna Report Forms

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403200 403400 403600 403800 404000

6497800

6497600

6497400

Tonkin Hwy

Neaves Rd

Survey Area

Significant Fauna

- Carnaby's black cockatoo (*Zanda latirostris*) (EN, EN)
- Forest Red-tailed black cockatoo (*Calyptorhynchus banksii naso*) (VU, VU)
- Quenda (*Isoodon fusciventer*) (P4)

Main Roads Western Australia

Lot 156 Neaves Road Bullsbrook - Biological and Targeted Black Cockatoo Survey, October 2024

Figure N.1: Significant fauna species recorded during the survey

Scale: 1:2,500 at A3

Coordinate System: GDA2020 MGA Zone 50

0 50 100 150 200 Metres

N

astron

an ecocene company

Author: A. McCreery | Drawn: C. Dyde | Date: 28-04-2025 | Figure Ref: 8600-004-24-BIDR-1RevB_250428_FigN1_SigFauna

Department of **Biodiversity, Conservation and Attractions**

GOVERNMENT OF WESTERN AUSTRALIA

Fauna Report Form

*Database No:*_____

SPECIES NAME: Carnaby's Cockatoo (*Zanda latirostris*) **NUMBER SEEN:** 5

OBSERVATION DATE: 16 October 2024 TIME: am/pm

OBSERVER NAME/S: Andrew McCreery

Organisation/Company and Role/Job Title: Astron Environmental Services; Senior Zoologist

EMAIL: Andrew.McCreery@astron.com.au PHONE: 9421 9600

OBSERVATION LOCATION: (i.e. property address, street and suburb, distance to nearest intersection, reserve name/number etc.)

Lot 156 Neaves Road, Bullsbrook. – Below:

species	common_name	evidence	zone	easting	northing
Zanda latirostris	Carnaby's cockatoo	Foraging debris	50	403267	6497519
Zanda latirostris	Carnaby's cockatoo	Foraging debris	50	403446	6497502
Zanda latirostris	Carnaby's cockatoo	Foraging debris	50	403472	6497447
Zanda latirostris	Carnaby's cockatoo	Foraging debris	50	403425	6497456
Zanda latirostris	Carnaby's cockatoo	Foraging debris	50	403365	6497438

COORDINATES:

Latitude/Northing: A/A

Longitude/Easting: A/A

Zone (required for UTMs): 50

DATUM:

GDA94 ☒
WGS84 ☐
Unknown ☐
Other (specify):

SOURCE:

GPS ☒
Map ☐
Google Earth ☐
GIS ☐

COORDINATE ACCURACY:

30m ☒ 10km ☐
300m ☐ 50km ☐
1km ☐ 100km ☐

LAND TENURE:

Nature Reserve ☐ State Forest ☐ Private Property ☒ Rail Reserve ☐ Aboriginal Reserve ☐ Shire Reserve ☐
National Park ☐ Timber Reserve ☐ Pastoral Lease ☐ Main Road Reserve ☐ State Waters <5.4km ☐ Other (specify):
Conservation Park ☐ Water Reserve ☐ UCL ☐ Shire Road Reserve ☐ Marine Park ☐

CERTAINTY OF ANIMAL IDENTIFICATION:

Certain ☒ Photo ☐
Moderately certain ☐ Specimen ☐
Not sure ☐ Identified by expert ☒

AGE AND SEX:

	Number of Adults:	Number of Juveniles:	Number of Pouch Young:
Male			
Female			
Unknown	5	5	

Expert name, affiliation:

DISTINGUISHING FEATURES/DESCRIPTION OF OBSERVED ANIMAL: (required to confirm identification or attach photo)

Individuals not observed. Foraging evidence on Marri (*Corymbia calophylla*) and Pricklybark (*Eucalyptus todtiana*) fruit displaying chew marks consistent with Carnaby's Cockatoo.

OBSERVATION: (animal activity and other relevant details)

Chewed nuts of Marri (*Corymbia calophylla*) and Pricky Bark (*Eucalyptus todtiana*).

OBSERVATION DETAILS: (select as many as applicable)

METHOD:

Opportunistic ☐ Translocation ☐
Survey ☒ Historical (Written) ☐
Monitoring ☐ Historical (Oral) ☐

Other (specify):
Survey/monitoring type (specify):

TYPE:

Dawn sighting ☐ Caught/Trapped ☐ Taken into care ☐
Day sighting ☒ Spotlighting ☐ Released ☐
Dusk sighting ☐ Remote camera ☐ Other (specify):
Night sighting ☐ Remote sensing ☐
Dead (fresh) ☐ Acoustic recorder ☐
Dead (degenerated) ☐ Subfossil/Fossil ☐

SECONDARY SIGNS:

Heard ☐ Nest/Mound ☐ Feathers/Hair/Fur/Skin ☐ Feeding residue ☒
Scats ☐ Natural Hollow ☐ Bones ☐ Fauna run ☐
Tracks ☐ Artificial Hollow ☐ Eggs/eggshell ☐ Other (specify):
Diggings ☐ Burrow ☐ Shell ☐

CAUSE OF DEATH:

Roadkill ☐ Found drowned ☐ Predation by native animal ☐ Unknown ☐

Please return form to: fauna.data@dbca.wa.gov.au
or Species and Communities Branch, DBCA, Locked Bag 104, Bentley Delivery Centre WA 6983

Department of **Biodiversity, Conservation and Attractions**

GOVERNMENT OF WESTERN AUSTRALIA

Fauna Report Form

*Database No:*_____

SPECIES NAME: Forrest Red-tailed Black Cockatoo (Calyptorhynchus banksii naso) **NUMBER SEEN:** 19

OBSERVATION DATE: 16 October 2024 TIME: am/pm

OBSERVER NAME/S: Andrew McCreery

Organisation/Company and Role/Job Title: Astron Environmental Services; Senior Zoologist

EMAIL: Andrew.McCreery@astron.com.au PHONE: 9421 9600

OBSERVATION LOCATION: (i.e. property address, street and suburb, distance to nearest intersection, reserve name/number etc.)

Lot 156 Neaves Road, Bullsbrook. – Records below:

species	common_name	evidence	zone	easting	northing
Calyptorhynchus banksii naso	Forest Red-tailed black cockatoo	Foraging debris	50	403565	6497573
Calyptorhynchus banksii naso	Forest Red-tailed black cockatoo	Foraging debris	50	403728	6497586
Calyptorhynchus banksii naso	Forest Red-tailed black cockatoo	Foraging debris	50	403739	6497588
Calyptorhynchus banksii naso	Forest Red-tailed black cockatoo	Foraging debris	50	403723	6497556
Calyptorhynchus banksii naso	Forest Red-tailed black cockatoo	Foraging debris	50	403359	6497551
Calyptorhynchus banksii naso	Forest Red-tailed black cockatoo	Foraging debris	50	403269	6497513
Calyptorhynchus banksii naso	Forest Red-tailed black cockatoo	Foraging debris and call	50	403220	6497510
Calyptorhynchus banksii naso	Forest Red-tailed black cockatoo	Foraging debris	50	403343	6497523
Calyptorhynchus banksii naso	Forest Red-tailed black cockatoo	Foraging debris	50	403443	6497503
Calyptorhynchus banksii naso	Forest Red-tailed black cockatoo	Foraging debris	50	403486	6497522
Calyptorhynchus banksii naso	Forest Red-tailed black cockatoo	Foraging debris	50	403629	6497501
Calyptorhynchus banksii naso	Forest Red-tailed black cockatoo	Foraging debris	50	403723	6497490
Calyptorhynchus banksii naso	Forest Red-tailed black cockatoo	Foraging debris	50	403743	6497453
Calyptorhynchus banksii naso	Forest Red-tailed black cockatoo	Foraging debris	50	403813	6497486
Calyptorhynchus banksii naso	Forest Red-tailed black cockatoo	Foraging debris	50	403664	6497421
Calyptorhynchus banksii naso	Forest Red-tailed black cockatoo	Foraging debris	50	403468	6497447
Calyptorhynchus banksii naso	Forest Red-tailed black cockatoo	Foraging debris	50	403362	6497447
Calyptorhynchus banksii naso	Forest Red-tailed black cockatoo	Foraging debris	50	403345	6497588
Calyptorhynchus banksii naso	Forest Red-tailed black cockatoo	Foraging debris	50	403529	6497608

COORDINATES:

Latitude/Northing: A/A

Longitude/Easting: A/A

Zone (required for UTMs): 50

DATUM:

GDA94 ☒
WGS84 ☐
Unknown ☐
Other (specify):

SOURCE:

GPS ☒
Map ☐
Google Earth ☐
GIS ☐

COORDINATE ACCURACY:

30m ☒ 10km ☐
300m ☐ 50km ☐
1km ☐ 100km ☐

LAND TENURE:

Nature Reserve ☐ State Forest ☐ Private Property ☒ Rail Reserve ☐ Aboriginal Reserve ☐ Shire Reserve ☐
National Park ☐ Timber Reserve ☐ Pastoral Lease ☐ Main Road Reserve ☐ State Waters <5.4km ☐ Other (specify):
Conservation Park ☐ Water Reserve ☐ UCL ☐ Shire Road Reserve ☐ Marine Park ☐

CERTAINTY OF ANIMAL IDENTIFICATION:

Certain ☒ Photo ☐
Moderately certain ☐ Specimen ☐
Not sure ☐ Identified by expert ☒

AGE AND SEX:

Number of Adults:		Number of Juveniles:		Number of Pouch Young:	
Male		Male		Male	
Female		Female		Female	
Unknown	19	Unknown	19	Unknown	

Expert name, affiliation:

DISTINGUISHING FEATURES/DESCRIPTION OF OBSERVED ANIMAL: (required to confirm identification or attach photo)

One individual identified by call. 19 records of foraging evidence on Marri and Pricklybark fruit displaying chew marks consistent with Forest Red-tailed Black Cockatoo, ie: wide lower mandible indentations and large portions of the fruit sheared off.

OBSERVATION: (animal activity and other relevant details)

Chewed nuts of Marri (*Corymbia calophylla*) and Pricky Bark (*Eucalyptus todtiana*).

OBSERVATION DETAILS: (select as many as applicable)

METHOD:

Opportunistic ☐ Translocation ☐
Survey ☒ Historical (Written) ☐

TYPE:

Dawn sighting ☐ Caught/Trapped ☐ Taken into care ☐
Day sighting ☒ Spotlighting ☐ Released ☐

Please return form to: **fauna.data@dbca.wa.gov.au**
or Species and Communities Branch, DBCA, Locked Bag 104, Bentley Delivery Centre WA 6983

Department of **Biodiversity, Conservation and Attractions**

GOVERNMENT OF WESTERN AUSTRALIA

Fauna Report Form

*Database No:*_____

SPECIES NAME: Quenda *(Isoodon fusciventer)* **NUMBER SEEN:** 1

OBSERVATION DATE: 16 October 2024 TIME: am/pm

OBSERVER NAME/S: Andrew McCreery

Organisation/Company and Role/Job Title: Astron Environmental Services, Senior Zoologist

EMAIL: Andrew.McCreery@astron.com.au PHONE: 9421 9600

OBSERVATION LOCATION: (i.e. property address, street and suburb, distance to nearest intersection, reserve name/number etc.)

Lot 156 Neaves Road, Bullsbrook.

COORDINATES:

Latitude/Northing: **403423**

Longitude/Easting: **6497423**

Zone (required for UTMs)**:** 50

DATUM:

GDA94 ☒
WGS84 ☐
Unknown ☐
Other (specify):

SOURCE:

GPS ☒
Map ☐
Google Earth ☐
GIS ☐

COORDINATE ACCURACY:

30m ☒ 10km ☐
300m ☐ 50km ☐
1km ☐ 100km ☐

LAND TENURE:

Nature Reserve ☐ State Forest ☐ Private Property ☒ Rail Reserve ☐ Aboriginal Reserve ☐ Shire Reserve ☐
National Park ☐ Timber Reserve ☐ Pastoral Lease ☐ Main Road Reserve ☐ State Waters <5.4km ☐ Other (specify):
Conservation Park ☐ Water Reserve ☐ UCL ☐ Shire Road Reserve ☐ Marine Park ☐

CERTAINTY OF ANIMAL IDENTIFICATION:

Certain ☒ Photo ☐
Moderately certain ☐ Specimen ☐
Not sure ☐ Identified by expert ☐

AGE AND SEX:

	Number of Adults:	Number of Juveniles:	Number of Pouch Young:
Male			
Female			
Unknown			

Expert name, affiliation:

DISTINGUISHING FEATURES/DESCRIPTION OF OBSERVED ANIMAL: (required to confirm identification or attach photo)

Individuals not observed, secondary observations of foraging diggings.

OBSERVATION: (animal activity and other relevant details)

Up to 100 observations of foraging holes.

OBSERVATION DETAILS: (select as many as applicable)

METHOD:

Opportunistic ☐ Translocation ☐
Survey ☒ Historical (Written) ☐
Monitoring ☐ Historical (Oral) ☐

Other (specify):
Survey/monitoring type (specify):

TYPE:

Dawn sighting ☐ Caught/Trapped ☐ Taken into care ☐
Day sighting ☒ Spotlighting ☐ Released ☐
Dusk sighting ☐ Remote camera ☐ Other (specify):
Night sighting ☐ Remote sensing ☐
Dead (fresh) ☐ Acoustic recorder ☐
Dead (degenerated) ☐ Subfossil/Fossil ☐

SECONDARY SIGNS:

Heard ☐ Nest/Mound ☐ Feathers/Hair/Fur/Skin ☐ Feeding residue ☐
Scats ☐ Natural Hollow ☐ Bones ☐ Fauna run ☐
Tracks ☐ Artificial Hollow ☐ Eggs/eggshell ☐ Other (specify):
Diggings ☒ Burrow ☐ Shell ☐

CAUSE OF DEATH:

Roadkill ☐ Found drowned ☐ Predation by native animal ☐ Unknown ☐
Found shot ☐ Stranded on beach ☐ Predation by cat/fox/dog ☐ Other (specify):
Found poisoned ☐ Annual die off ☐ Starvation/malnutrition ☐

Please return form to: fauna.data@dbca.wa.gov.au
or Species and Communities Branch, DBCA, Locked Bag 104, Bentley Delivery Centre WA 6983

Appendix O: Black Cockatoo Foraging Habitat Assessment

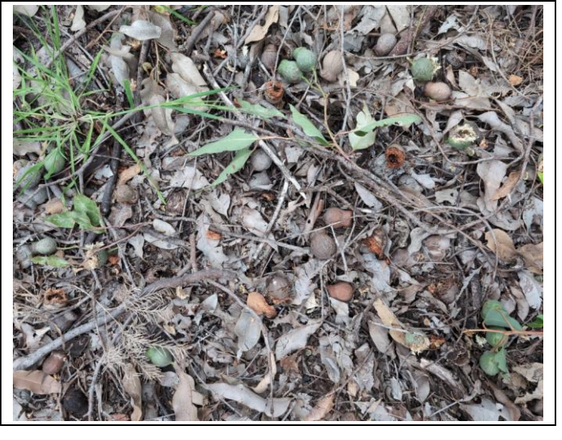
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Table O.1: Black cockatoo foraging evidence recorded in the survey area.

Site ID	Easting	Northing	Foraging Species	Plant Species	Debris Type	Foraging Frequency	Photo
FOR_01	403267	6497519	Carnaby's Cockatoo (*Zanda latirostris*)	Marri (*Corymbia calophylla*)	Fruit	Moderate	
FOR_02	403446	6497502	Carnaby's Cockatoo (*Zanda latirostris*)	Marri (*Corymbia calophylla*)	Fruit	Scarce	
FOR_03	403472	6497447	Carnaby's Cockatoo (*Zanda latirostris*)	Marri (*Corymbia calophylla*)	Fruit	Moderate	

Site ID	Easting	Northing	Foraging Species	Plant Species	Debris Type	Foraging Frequency	Photo
FOR_04	403425	6497456	Carnaby's Cockatoo (*Zanda latirostris*)	Marri (*Corymbia calophylla*)	Fruit	Moderate	
FOR_05	403365	6497438	Carnaby's Cockatoo (*Zanda latirostris*)	Pricklybark (*Eucalyptus todtiana*)	Fruit	Moderate	
FOR_06	403565	6497573	Forest Red-tailed Black Cockatoo (*Calyptorhynchus banksii naso*)	Pricklybark (*Eucalyptus todtiana*)	Fruit	Moderate	

Site ID	Easting	Northing	Foraging Species	Plant Species	Debris Type	Foraging Frequency	Photo
FOR_07	403728	6497586	Forest Red-tailed Black Cockatoo (*Calyptorhynchus banksii naso*)	Marri (*Corymbia calophylla*)	Fruit	Moderate	
FOR_08	403739	6497588	Forest Red-tailed Black Cockatoo (*Calyptorhynchus banksii naso*)	Pricklybark (*Eucalyptus todtiana*)	Fruit	Moderate	
FOR_09	403723	6497556	Forest Red-tailed Black Cockatoo (*Calyptorhynchus banksii naso*)	Marri (*Corymbia calophylla*)	Fruit	Moderate	

Site ID	Easting	Northing	Foraging Species	Plant Species	Debris Type	Foraging Frequency	Photo
FOR_10	403359	6497551	Forest Red-tailed Black Cockatoo (*Calyptorhynchus banksii naso*)	Marri (*Corymbia calophylla*)	Fruit	Moderate	
FOR_11	403269	6497513	Forest Red-tailed Black Cockatoo (*Calyptorhynchus banksii naso*)	Marri (*Corymbia calophylla*)	Fruit	Abundant	
FOR_12	403220	6497510	Forest Red-tailed Black Cockatoo (*Calyptorhynchus banksii naso*)	Marri (*Corymbia calophylla*)	Fruit	Abundant	

Site ID	Easting	Northing	Foraging Species	Plant Species	Debris Type	Foraging Frequency	Photo
FOR_13	403343	6497523	Forest Red-tailed Black Cockatoo (*Calyptorhynchus banksii naso*)	Marri (*Corymbia calophylla*)	Fruit	Moderate	
FOR_14	403443	6497503	Forest Red-tailed Black Cockatoo (*Calyptorhynchus banksii naso*)	Marri (*Corymbia calophylla*)	Fruit	Moderate	
FOR_15	403486	6497522	Forest Red-tailed Black Cockatoo (*Calyptorhynchus banksii naso*)	Marri (*Corymbia calophylla*)	Fruit	Abundant	

Site ID	Easting	Northing	Foraging Species	Plant Species	Debris Type	Foraging Frequency	Photo
FOR_16	403629	6497501	Forest Red-tailed Black Cockatoo (*Calyptorhynchus banksii naso*)	Marri (*Corymbia calophylla*)	Fruit	Abundant	
FOR_17	403723	6497490	Forest Red-tailed Black Cockatoo (*Calyptorhynchus banksii naso*)	Marri (*Corymbia calophylla*)	Fruit	Moderate	No photo available
FOR_18	403743	6497453	Forest Red-tailed Black Cockatoo (*Calyptorhynchus banksii naso*)	Marri (*Corymbia calophylla*)	Fruit	Abundant	
FOR_19	403813	6497486	Forest Red-tailed Black Cockatoo (*Calyptorhynchus banksii naso*)	Marri (*Corymbia calophylla*)	Fruit	Moderate	No photo available
FOR_20	403664	6497421	Forest Red-tailed Black Cockatoo (*Calyptorhynchus banksii naso*)	Marri (*Corymbia calophylla*)	Fruit	Moderate	No photo available

Site ID	Easting	Northing	Foraging Species	Plant Species	Debris Type	Foraging Frequency	Photo
FOR_21	403468	6497447	Forest Red-tailed Black Cockatoo (*Calyptorhynchus banksii naso*)	Marri (*Corymbia calophylla*)	Fruit	Abundant	
FOR_22	403362	6497447	Forest Red-tailed Black Cockatoo (*Calyptorhynchus banksii naso*)	Pricklybark (*Eucalyptus todtiana*)	Fruit	Moderate	
FOR_23	403345	6497588	Forest Red-tailed Black Cockatoo (*Calyptorhynchus banksii naso*)	Marri (*Corymbia calophylla*)	Fruit	Moderate	

Site ID	Easting	Northing	Foraging Species	Plant Species	Debris Type	Foraging Frequency	Photo
FOR_24	403529	6497608	Forest Red-tailed Black Cockatoo (*Calyptorhynchus banksii naso*)	Marri (*Corymbia calophylla*)	Fruit	Moderate	

403200 403400 403600 403800 404000

6497800

6497600

6497400

Tonkin Hwy

Neaves Rd

Survey Area

Carnaby's Cockatoo

Habitat Quality Score

10

6

2

0

Main Roads Western Australia

Lot 156 Neaves Road Bullsbrook - Biological and Targeted Black Cockatoo Survey, October 2024

Figure O.1: Carnaby's Cockatoo foraging assessment for the survey area

Scale: 1:2,500 at A3

Coordinate System: GDA2020 MGA Zone 50

0 50 100 150 200 Metres

N

astron

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Author: A. McCreery | Drawn: C. Dyde | Date: 28-04-2025 | Figure Ref: 8600-004-24-BIDR-1RevB_250428_FigO1_CrnHQS

403200 403400 403600 403800 404000

6497800

6497600

6497400

Tonkin HWY

Neaves Rd

Survey Area

Forest Red-tailed Cockatoo

Habitat Quality Score

10

6

2

0

Main Roads Western Australia

Lot 156 Neaves Road Bullsbrook - Biological and Targeted Black Cockatoo Survey, October 2024

Figure O.2: Forest Red-tailed Black Cockatoo foraging assessment for the survey area

Scale: 1:2,500 at A3

Coordinate System: GDA2020 MGA Zone 50

0 50 100 150 200 Metres

N

astron

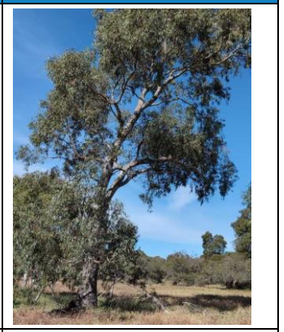
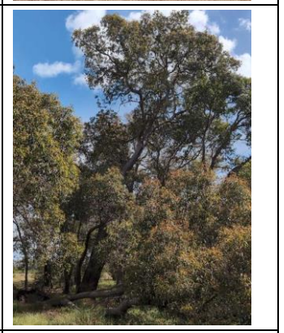
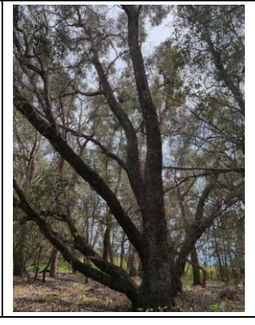
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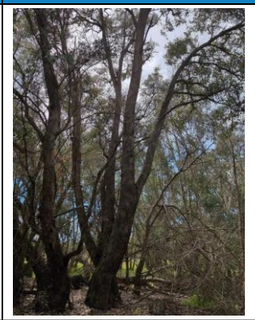
Author: A. McCreery | Drawn: C. Dyde | Date: 28-04-2025 | Figure Ref: 8600-004-24-BIDR-1RevB_250428_FigO2_FRtHQS

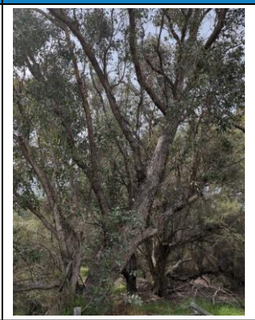
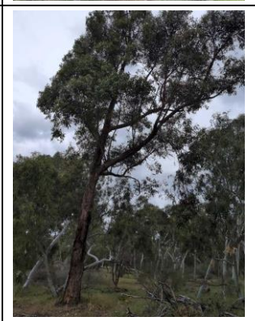
Appendix P: Black Cockatoo Breeding Habitat Assessment

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Table P.1: Black cockatoo habitat trees recorded in the survey area.

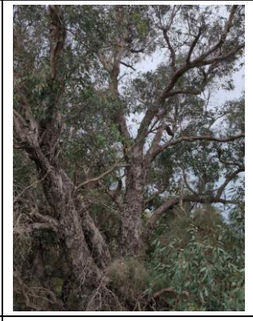
Tree ID	Easting (mE)	Northing (mN)	Tree species	DBH (cm)	Tree height (m)	Number of hollows	Tree status	Pre-inspection category	Photograph
TR_01	403477	6497685	Flooded Gum (*Eucalyptus rudis*)	65	10	0	Alive	7 - Suitable DBH Tree without hollows.	
TR_02	403408	6497655	Marri (*Corymbia calophylla*)	55	10	0	Alive	7 - Suitable DBH Tree without hollows.	
TR_03	403226	6497554	Flooded Gum (*Eucalyptus rudis*)	50	8	0	Alive	7 - Suitable DBH Tree without hollows.	
TR_04	403255	6497562	Flooded Gum (*Eucalyptus rudis*)	60	10	0	Alive	7 - Suitable DBH Tree without hollows.	

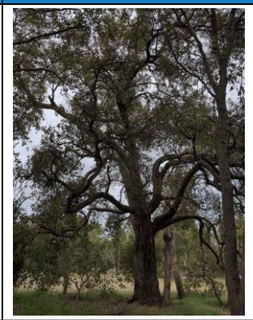
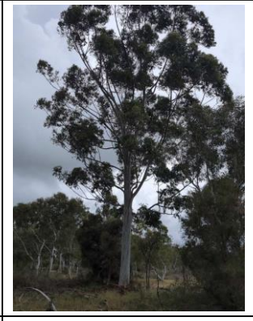
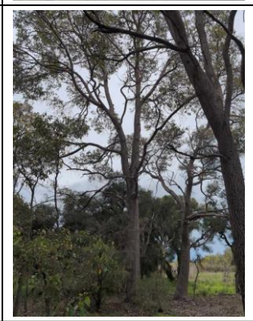
Tree ID	Easting (mE)	Northing (mN)	Tree species	DBH (cm)	Tree height (m)	Number of hollows	Tree status	Pre-inspection category	Photograph
TR_05	403262	6497562	Flooded Gum (*Eucalyptus rudis*)	55	10	0	Alive	7 - Suitable DBH Tree without hollows.	
TR_06	403268	6497548	Flooded Gum (*Eucalyptus rudis*)	50	8	0	Alive	7 - Suitable DBH Tree without hollows.	
TR_07	403265	6497544	Flooded Gum (*Eucalyptus rudis*)	55	8	0	Alive	7 - Suitable DBH Tree without hollows.	
TR_08	403295	6497540	Flooded Gum (*Eucalyptus rudis*)	50	8	0	Alive	7 - Suitable DBH Tree without hollows.	

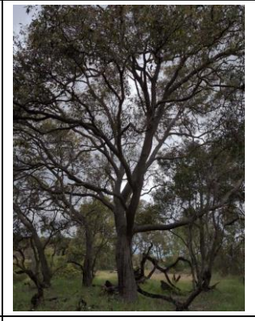
Tree ID	Easting (mE)	Northing (mN)	Tree species	DBH (cm)	Tree height (m)	Number of hollows	Tree status	Pre-inspection category	Photograph
TR_09	403337	6497551	Flooded Gum (*Eucalyptus rudis*)	50	8	0	Alive	7 - Suitable DBH Tree without hollows.	
TR_10	403930	6497539	Flooded Gum (*Eucalyptus rudis*)	50	12	0	Alive	7 - Suitable DBH Tree without hollows.	
TR_11	403742	6497563	Introduced *Eucalyptus sp.*	55	10	0	Alive	7 - Suitable DBH Tree without hollows.	
TR_12	403316	6497534	Flooded Gum (*Eucalyptus rudis*)	70	7	0	Alive	7 - Suitable DBH Tree without hollows.	

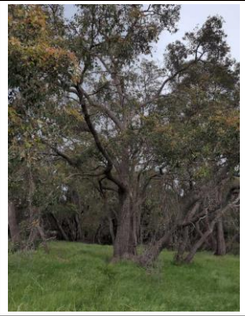
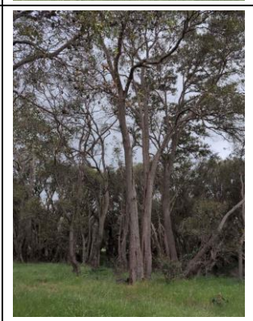
Tree ID	Easting (mE)	Northing (mN)	Tree species	DBH (cm)	Tree height (m)	Number of hollows	Tree status	Pre-inspection category	Photograph
TR_13	403248	6497513	Marri (*Corymbia calophylla*)	50	8	0	Alive	7 - Suitable DBH Tree without hollows.	
TR_14	403230	6497510	Flooded Gum (*Eucalyptus rudis*)	60	8	0	Alive	7 - Suitable DBH Tree without hollows.	
TR_15	403228	6497460	Tuart (*Eucalyptus gomphocephala*)	50	10	0	Alive	7 - Suitable DBH Tree without hollows.	
TR_16	403344	6497524	Marri (*Corymbia calophylla*)	55	12	0	Alive	7 - Suitable DBH Tree without hollows.	

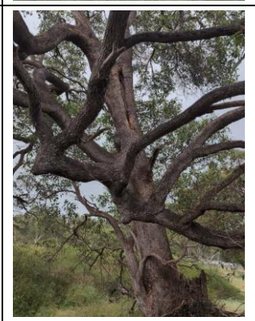
Tree ID	Easting (mE)	Northing (mN)	Tree species	DBH (cm)	Tree height (m)	Number of hollows	Tree status	Pre-inspection category	Photograph
TR_17	403340	6497523	Marri (*Corymbia calophylla*)	50	12	0	Alive	7 - Suitable DBH Tree without hollows.	
TR_18	403364	6497531	Flooded Gum (*Eucalyptus rudis*)	60	7	0	Alive	7 - Suitable DBH Tree without hollows.	
TR_19	403434	6497480	Introduced *Eucalyptus sp.*	55	9	0	Alive	7 - Suitable DBH Tree without hollows.	
TR_20	403442	6497499	Marri (*Corymbia calophylla*)	50	10	0	Alive	7 - Suitable DBH Tree without hollows.	

Tree ID	Easting (mE)	Northing (mN)	Tree species	DBH (cm)	Tree height (m)	Number of hollows	Tree status	Pre-inspection category	Photograph
TR_21	403473	6497510	Flooded Gum (*Eucalyptus rudis*)	50	8	0	Alive	7 - Suitable DBH Tree without hollows.	
TR_22	403469	6497515	Marri (*Corymbia calophylla*)	60	10	0	Alive	7 - Suitable DBH Tree without hollows.	
TR_23	403539	6497456	Flooded Gum (*Eucalyptus rudis*)	55	7	0	Alive	7 - Suitable DBH Tree without hollows.	
TR_24	403687	6497485	Introduced *Eucalyptus sp.*	50	9	0	Alive	7 - Suitable DBH Tree without hollows.	

Tree ID	Easting (mE)	Northing (mN)	Tree species	DBH (cm)	Tree height (m)	Number of hollows	Tree status	Pre-inspection category	Photograph
TR_25	403744	6497442	Marri (*Corymbia calophylla*)	100	11	0	Alive	7 - Suitable DBH Tree without hollows.	
TR_26	403777	6497518	Introduced *Eucalyptus sp.*	50	8	0	Alive	7 - Suitable DBH Tree without hollows.	
TR_27	403922	6497486	Introduced *Eucalyptus sp.*	55	12	0	Alive	7 - Suitable DBH Tree without hollows.	
TR_28	403442	6497435	Marri (*Corymbia calophylla*)	65	11	0	Alive	7 - Suitable DBH Tree without hollows.	

Tree ID	Easting (mE)	Northing (mN)	Tree species	DBH (cm)	Tree height (m)	Number of hollows	Tree status	Pre-inspection category	Photograph
TR_29	403426	6497450	Marri (*Corymbia calophylla*)	50	8	0	Alive	7 - Suitable DBH Tree without hollows.	
TR_30	403255	6497421	Tuart (*Eucalyptus gomphocephala*)	50	10	0	Alive	7 - Suitable DBH Tree without hollows.	
TR_31	403392	6497398	Marri (*Corymbia calophylla*)	60	9	0	Alive	7 - Suitable DBH Tree without hollows.	
TR_32	403445	6497372	Marri (*Corymbia calophylla*)	50	9	0	Alive	7 - Suitable DBH Tree without hollows.	

Tree ID	Easting (mE)	Northing (mN)	Tree species	DBH (cm)	Tree height (m)	Number of hollows	Tree status	Pre-inspection category	Photograph
TR_33	403553	6497391	Marri (*Corymbia calophylla*)	55	8	0	Alive	7 - Suitable DBH Tree without hollows.	
TR_34	403564	6497390	Marri (*Corymbia calophylla*)	50	10	0	Alive	7 - Suitable DBH Tree without hollows.	
TR_35	403564	6497398	Marri (*Corymbia calophylla*)	50	10	0	Alive	7 - Suitable DBH Tree without hollows.	
TR_36	403564	6497398	Marri (*Corymbia calophylla*)	50	9	0	Alive	7 - Suitable DBH Tree without hollows.	

Tree ID	Easting (mE)	Northing (mN)	Tree species	DBH (cm)	Tree height (m)	Number of hollows	Tree status	Pre-inspection category	Photograph
TR_37	403591	6497368	Marri (*Corymbia calophylla*)	85	11	0	Alive	7 - Suitable DBH Tree without hollows.	
TR_38	403878	6497376	Marri (*Corymbia calophylla*)	55	6	1	Alive	6 - Suitable DBH Tree with unsuitable hollows (confirmed). The hollow entrance was less than 10 cm and therefore unsuitable for nesting black cockatoos.	

403200 403400 403600 403800 404000

6497800

6497600

6497400

TR_01
TR_02
TR_03
TR_04
TR_05
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TR_08
TR_09
TR_10
TR_11
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TR_13
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TR_36
TR_37
TR_38

Tonkin Hwy

Neaves Rd

Survey Area

Habitat Tree Category

6 - Suitable DBH Tree with unsuitable hollows (confirmed)

7 - Suitable DBH Tree without hollows.

Main Roads Western Australia

Lot 156 Neaves Road Bullsbrook - Biological and Targeted Black Cockatoo Survey, October 2024

Figure P.1: Black cockatoo habitat trees recorded in the survey area

Scale: 1:2,500 at A3

Coordinate System: GDA2020 MGA Zone 50

0 50 100 150 200 Metres

N

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Author: A. McCreery | Drawn: C. Dyde | Date: 28-04-2025 | Figure Ref: 8600-004-24-BIDR-1RevB_250428_FigP1_Trees

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