Fauna Assessment

365 Mallokup Road
Stirling Estate

Capel

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V1

On behalf of:
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SUMMARY

This report details the results of a fauna assessment carried out over a section of #365 Mallokup Road Stirling Estate in the Shire of Capel (the survey area). The survey area has a total extent of about 23 hectares (ha) (Figure 1).

It is understood that the landowners are preparing an extractive industry development application over sections of the survey area with the information gained from the fauna assessment being subject to review by various local, state and federal government departments as required. The results of the assessment will also be used to prepare an Environmental Management Plan and Rehabilitation Plan

The proposed extractive industry will be carried out in two stages, the areas of which are shown in report figures. It should be note that the survey area extends beyond the stage boundaries in some locations.

To comply with anticipated information requirements, a “basic” fauna assessment in addition to targeted surveys for black cockatoo habitat and western ringtail possums were carried out.

The field components of the fauna assessment were carried out on2 October 2025 by Greg Harewood (Zoologist).

Key Findings

- The ~23 ha survey area as a whole has been subject to significant historical disturbance with most of the natural vegetation having been removed for livestock grazing. The distribution and density of the vegetation remaining can be seen in Figure 1.

- The Stage 1 area consists mainly of open grassland with a relatively small number of scattered and small groves of tuart (Eucalyptus gomphocephala) and peppermint (Agonis flexuosa). Some fencelines/screens have also been planted with non-endemic eucalypts of various species, a few pine (Pinus spp.) trees and some endemic species such as peppermint.

- The Stage 2 area also consists mainly of open grassland but with a higher density of scattered tuart (E. gomphocephala) when compared to the Stage 1 area. Scattered small peppermints (A. flexuosa) are present in the southern section of the Stage 1 area.

- The survey area is bordered by the Tuart Forest National Park in its eastern and southern most boundaries (Figure1).

- As a consequence of the survey area’s history of disturbance and lack of natural vegetation the original fauna diversity has been significantly compromised. The area would now only support a small subset of the original fauna assemblage with most (though not all) of those using the area generally being widespread, common species (mostly birds) able to persist in highly disturbed areas.

- The overall poor value of the habitat present is however supplemented by the fact the Tuart Forest National Park borders the survey area on two sides and some fauna species which otherwise my not persist in the survey area alone could potentially frequent the area, if only occasionally.

- The survey area contains no hollow bearing trees suitable for breeding black cockatoos and the black cockatoo foraging habitat present is of low overall value. No evidence of black cockatoos roosting was evident during the survey period.

- No evidence of western ringtail possum was detected within either of the proposed stage boundaries however a small number of scats were detected elsewhere in the survey area. WRPs are also known to be common in the adjoining Tuart Forest National Park. Habitat within the stage boundaries is relatively poor given scattered nature of trees and paucity of favoured plant species and only a small number of occasional transient WRP individuals are therefore anticipated to occur, if only occasionally. The potential presence of WRPs will need to be taken into consideration during the approval and development process.

- Several additional species of conservation significance may also utilise the survey area, though, as no evidence of their presence was identified during the field survey, their status in the area remains uncertain.

- In cases where some habitat is present and available information indicates at least some probability of a species occurrence, likely impacts are anticipated to be related to the loss of small areas of habitat and in some cases, the potential for fauna to be killed or injured during clearing. This in particular relates to western ringtail possums.

- It is recommended that a fauna management plan be formulated and implemented during site clearing, with the primary component being the engagement of a suitable qualified and experienced “fauna spotter” given the task of minimising the risk to any fauna encountered.

- It is also recommended that any proposed landscaping/revegetation include plant species favoured by western ringtail possums and black cockatoos including but not limited to peppermint (*Agonis flexuosa*) and a range of black cockatoo foraging species suited to the site conditions

1. INTRODUCTION

This report details the results of a fauna assessment carried out over a section of #365 Mallokup Road Stirling Estate in the Shire of Capel (the survey area). The survey area has a total extent of about 23 hectares (ha) (Figure 1).

It is understood that the landowners are preparing an extractive industry development application over sections of the survey area with the information gained from the fauna assessment being subject to review by various local, state and federal government departments as required. The results of the assessment will also be used to prepare an Environmental Management Plan and Rehabilitation Plan

The proposed extractive industry will be carried out in two stages, the areas of which are shown in report figures. It should be note that the survey area extends beyond the stage boundaries in some locations.

2. SCOPE OF WORKS

To comply with anticipated requirements, a “basic” fauna assessment in addition to targeted surveys for black cockatoo habitat and western ringtail possums was carried out and involved:

1. A basic (Level 1) fauna assessment (EPA 2020),
2. Targeted searches for black cockatoo habitat/site use (habitat trees, existing and potential nest hollows, foraging and roosting habitat).
3. Targeted day searches for western ringtail possum habitat/site use (foraging, refuge and dispersal habitat and individuals).
4. Opportunistic recording of other fauna encountered, with comments on the likelihood of other fauna of conversation significance occurring provided, and
5. Report for summarising methods, results and management recommendations.

Note: For the purposes of this report the term black cockatoo is in reference to Baudin’s cockatoo *Zanda baudinii*, Carnaby’s cockatoo *Zanda latirostris* and the forest red-tailed black cockatoo *Calyptorhynchus banksii naso*.

3. METHODS

3.1 LITERATURE REVIEW – FAUNA SPECIES OF CONSERVATION SIGNIFICANCE

A list of conservation significant fauna recorded or likely to occur within the survey area has been compiled by a review of available databases and literature including, but not limited to the following data sources:

- Department of Biodiversity, Conservation and Attractions' (DBCA) Threatened Fauna Database (Dandjoo) search (DBCA 2025b). A 10 km buffer around the survey area was applied to capture previous fauna records within the immediate vicinity. A threatened fauna database search from DBCA's Species & Communities Branch (Threatened and Priority fauna) was also undertaken (DBCA 2025c).

- Department of Climate Change, Energy Agriculture, Water and the Environment's *(DCCEEW)* Protected Matters database search for fauna listed as being of national environmental significance (NES) under the Environment Protection and Biodiversity Conservation Act 1999 (the *EPBC Act*) (DCCEEW 2025). The minimum buffer (0 km) was applied to this search as the databases contains distribution data (areas) and not actual fauna records.

The conservation status of the listed fauna species has been assessed using data from the following sources:

- *Environment Protection and Biodiversity Conservation Act 1999* (*EPBC Act*). Administered by the DCCEEW.

- *Biodiversity Conservation Act 2016 (BC Act)*. Administered by the Western Australian DBCA (Govt. of WA 2025).

- Red List produced by the Species Survival Commission (SSC) of the World Conservation Union (also known as the IUCN Red List - the acronym derived from its former name of the International Union for Conservation of Nature and Natural Resources). The Red List has no legislative power in Australia but is used as a framework for State and Commonwealth categories and criteria, and the

- DBCA Priority Fauna list. A non-statutory list maintained by the DBCA for management purposes (DBCA 2025a).

The *EPBC Act* and *BC Act* also requires the compilation of a list of migratory species that are recognised under international treaties including the:

- Japan Australia Migratory Bird Agreement 1981 (JAMBA).

- China Australia Migratory Bird Agreement 1998 (CAMBA).

- Republic of Korea-Australia Migratory Bird Agreement 2007 (ROKAMBA), and

- Bonn Convention 1979 (The Convention on the Conservation of Migratory Species of Wild Animals).

Most, but not all migratory bird species listed in the annexes to these bilateral agreements are also protected in Australia as matters of national environmental significance under the *EPBC Act*. However, species only classified as 'marine" under the *EPBC Act* are not discussed as they are not considered as specially protected under the NES classification.

The conservation status of the threatened/migratory/priority fauna species listed as occurring or possibly occurring in the vicinity of the survey area has been assessed using the most recent lists published in accordance with the above-mentioned instruments and is indicated as such in the fauna listings of this report. A full listing of conservation codes is provided in Appendix A.

3.2 FIELD SURVEYS

The field component of the fauna assessment was carried out on 2 October 2025 by Greg Harewood (Zoologist).

3.2.1 FAUNA HABITAT ASSESSMENT

Vegetation units identified during the daytime reconnaissance survey have been used to define broad scale fauna habitats across the survey area. The main aim of the habitat assessment was to determine which fauna species of conservation significance would be most likely to be utilising the survey area.

As part of the desktop literature review, available information on the habitat requirements of the species of conservation significance listed as possibly occurring in the area was researched. During the field survey the habitats within the survey area were assessed and specific elements identified, if present, to determine the likelihood of listed threatened species utilising the area and its significance to them.

3.2.2 BLACK COCKATOO HABITAT ASSESSMENT

The following methods were employed to comply with the defined scope of works and are based on Commonwealth of Australia (2012 and 2022) guidelines which state that surveys of black cockatoo habitat should:

- be done by a suitably qualified person with experience in vegetation or cockatoo surveys, depending on the type of survey being undertaken.
- maximise the chance of detecting the species' habitat and/or signs of use.
- determine the context of the site within the broader landscape—for example, the amount and quality of habitat nearby and in the local region (for example, within 12 km).
- account for uncertainty and error (false presence and absences), and

- include collation of existing data on known locations of breeding and feeding birds and night roost locations.

The Commonwealth of Australia (2012) places habitats used by black cockatoos into the following three categories:

- Breeding Habitat.
- Foraging Habitat, and
- Night Roosting Habitat.

3.2.2.1 Breeding Habitat Assessment

The black cockatoo breeding habitat assessment identified all suitable breeding tree species within the survey area that have a diameter at breast height (DBH) equal to or greater than 50 centimetres (cm). The DBH of each tree was estimated using a pre-made "caliper".

Target tree species included marri, jarrah, tuart and flooded gum and any other *Corymbia/Eucalyptus* species of a suitable size that was present. Peppermints, *Banksia*, sheoak and *Melaleuca* tree species (for example) were not assessed as they typically do not develop hollows used by black cockatoos.

The location of each tree identified as being over the threshold DBH was recorded with a GPS and details on tree species, number and size of hollows (if any) noted.

Hollow/potential hollows were placed into one of four categories, based on the size of the apparent hollow entrance, these being:

- Small = ~<5 cm diameter (i.e. entrance too small for a black cockatoo);
- Medium = ~5 cm-12 cm diameter (i.e. entrance too small for a black cockatoo);
- Large = ~>12 cm diameter (entrance large enough for a black cockatoo but hollow appears unsuitable for nesting i.e. wrong orientation, appears too small, too low or too shallow); or
- Large (cockatoo) = ~>12 cm diameter (entrance and apparent hollow appears big enough and suitably sized/orientated for a black cockatoo to use for nesting).

Based on this assessment, trees present within the survey area were placed into one of five categories as defined by Commonwealth of Australia (2022):

- **Not a potential or suitable nesting tree** - Tree <50 cm DBH or an unsuitable species (these were not recorded).
- **Potential nesting tree (no hollows)** - Tree ≥50 cm DBH, no hollows seen (these were not recorded).

- **Potential nesting tree (hollows or possible hollows)** - Tree ≥50 cm DBH, one or more hollows seen, none of which were considered suitable for black cockatoos to use for nesting.

- **Suitable nesting tree** -Tree ≥50 cm DBH, one or more hollows seen, with at least one considered suitable for black cockatoos to use for nesting, but with no evidence of use, or

- **Known nesting tree** - Tree ≥50 cm DBH, one or more hollows seen, where black cockatoo breeding has been recorded or which demonstrates evidence of breeding (i.e. showing evidence of use through scratches, chew marks or feathers).

For the purposes of this assessment, a tree containing a potential black cockatoo nest hollow was defined as:

Generally, any tree which is alive or dead that contains one or more visible hollows (cavities within the trunk or branches) or possible hollows potentially suitable for occupation by black cockatoo for the purpose of nesting/breeding. Hollows or possible hollows that had an entrance greater than about 12cm in diameter and would allow the entry of a black cockatoo into a suitably orientated and sized branch/trunk, were recorded as a "potential nest hollow".

Identified hollows, if observed, were examined using binoculars for evidence of actual use by black cockatoos (e.g. chewing around hollow entrance, scarring and scratch marks on trunks and branches). Where considered warranted, suspect hollows were also examined and photographed using a drone and/or pole mounted camera.

A review of available literature was carried out to determine the location/extent of any known/likely black cockatoo breeding habitat areas in the vicinity of the survey area.

3.2.2.2 Foraging Habitat Assessment

Foraging habitat is represented by plant species that are known to provide a food source for black cockatoos. This can be in the form of seeds, flowers and also boring grubs that are extracted from some plant species.

The location and nature of black cockatoo foraging evidence (e.g. chewed fruits around base of trees) observed during the field survey was recorded. The nature and extent of potential foraging habitat present was documented irrespective of the presence of any actual foraging evidence.

A review of available literature was also carried out to determine the location/extent of any known/likely black cockatoo foraging habitat areas in the vicinity of the survey area.

3.2.2.3 Night Roosting Habitat Assessment

Direct and indirect evidence of black cockatoos roosting within trees on site was noted where observed (e.g. branch clippings, droppings or moulted feathers).

A review of available literature was carried out to determine the location/extent of any known/likely black cockatoo roosting habitat areas in the vicinity.

3.2.3 WESTERN RINGTAIL POSSUM ASSESSMENT

3.2.3.1 Daytime Surveys

Evidence of the presence of WRPs (i.e. dreys, obvious tree hollows, scats and individuals) was searched for and recorded during the daytime field reconnaissance survey. All areas of suitable vegetation were examined at least once.

3.2.3.2 Habitat Assessment

Description and comments on the amount and quality of WRP habitat within the survey area are provided based on observations made during the site surveys.

3.2.4 OTHER FAUNA SPECIES OF CONSERVATION SIGNIFICANCE

Evidence of the presence or likely presence of fauna species of conservation significance (or suitable habitat) was searched for and recorded concurrent with other site surveys. Opportunistic observations of all fauna species were made during all field survey work and recorded where positive species identifications were made.

This aspect of the assessment included but was not limited to:

- Undertaking a series of transects across the survey area.
- Searching for evidence (i.e. individuals, tracks, scats, calls) of potential conservation significant species under logs, rocks and leaf litter.
- Observing bird species with binoculars.

3.3 LIKELIHOOD OF OCCURRENCE – FAUNA SPECIES OF CONSERVATION SIGNIFICANCE

Based on the information gathered during the site reconnaissance survey and the documented distribution and habitat preferences of the species of conservation significance identified as potentially being present in the general area, their likelihood of occurrence within the survey area itself has been assessed. The rankings and criteria used were:

- Would Not Occur: There is no suitable habitat for the species in the survey area and/or there is no documented record of the species in the general area since records have been kept and/or the species is generally accepted as being locally/regionally extinct (supported by a lack of recent records).

  - Locally Extinct: Populations no longer occur within a small part of the species natural range, in this case within 10 or 20km of the survey area. Populations do however persist outside of this area.

  - Regionally Extinct: Populations no longer occur in a large part of the species original, natural range, in this case within the southern Swan Coastal Plain area. Populations do however persist outside of this area.

- Unlikely to Occur: The survey area is outside of the currently documented distribution for the species in question, or no suitable habitat (type, quality and extent) was identified as being present during the field assessment. Individuals of some species may occur occasionally as vagrants/transients especially if suitable habitat is located nearby, but the survey area itself would not support a population or part population of the species.

- Possibly Occurs: The survey area is within the known distribution of the species in question and habitat of at least marginal quality was identified as being present during the field assessment, supported in some cases by recent records being documented in literature from within or near the survey area. In some cases, while a species may be classified as possibly being present at times, habitat may be marginal (e.g. poor quality, fragmented, limited in extent) and therefore the frequency of occurrence and/or population levels may be low.

- Known to Occur: The species in question was positively identified as being present (for sedentary species) or as using the survey area as habitat for some other purpose (for non-sedentary/mobile species) during the field survey. This information may have been obtained by direct observation of individuals or by way of secondary evidence (e.g. foraging debris, tracks and scats). In some cases, while a species may be classified as known to occur, habitat may be marginal (e.g. poor quality, fragmented, limited in extent) and therefore the frequency of occurrence and/or population levels may be low.

4. SURVEY LIMITATIONS

No seasonal sampling was carried out as part of this fauna assessment. The conclusions presented are based upon field data and the environmental monitoring and/or testing carried out over a limited period of time and are therefore merely indicative of the environmental condition of the site at the time of the field assessments. It should be recognised that site conditions can change with time.

Lack of observational data on some species should also not necessarily be taken as an indication that a species is absent from the site or does not utilise it for some purpose at times.

During the survey, habitat trees with hollows were searched for. It should be noted that identifying hollows suitable for fauna species from ground level has limitations. Generally, the full characteristics of any hollow seen are not fully evident (e.g. internal dimensions). It is also difficult to locate all hollows within all trees as some are not observable from ground level. Where considered warranted and if feasible a drone and/or pole camera was deployed to assist in assessing the characteristics of tree hollows.

The location of observations was recorded using a handheld GPS. The accuracy of the GPS cannot be guaranteed above a level of about 5 to 10 metres, though it should be noted that in some circumstance the accuracy can increase or decrease beyond this range.

5. RESULTS

5.1 LITERATURE REVIEW – FAUNA SPECIES OF CONSERVATION SIGNIFICANCE

The literature review identified multiple fauna species of conservation significance as potentially occurring in the general area as listed in Table 1. The Dandjoo database (DBCA 2025a) and Protected Matters Search Tool (DCCEEW 2025) results, used as a primary source for compiling this listing, are held within Appendix B. The results of the DBCA threatened fauna database search are shown in Figure 2. It should be noted that the vast majority of the threatened fauna records shown in Figure 2 are relatively recent records of the western ringtail possum.

Given the survey area's proximity to some rivers, estuaries and the ocean several migratory shorebirds and/or wetland/marine fauna have appeared in the database searches. These species are in most cases not specifically listed or discussed in this report given there is no suitable habitat for any within the survey area. None of these species would, under normal circumstances, occur within the survey area or be impacted on by the proposed works.

The likelihood of the below listed species occurring within the survey area is provided in Section 5.3 of the report.

Table 1: Conservation significant fauna previously recorded or potentially occurring within the general vicinity of the survey area.

Species	Conservation Status[1]	
	BC Act	*EPBC Act*
Irvine's Bothriembryontid land snail *Bothriembryon irvineanus*	P2	-
Margaret River hairy marron *Cherax tenuimanus*	CR	CR
Swan Coastal Plain shield-backed trapdoor spider *Idiosoma sigillatum*	P3	-
Pouched Lamprey *Geotria australis*	P3	-
Carter's Freshwater Mussel *Westralunio carteri*	VU	VU
Black-stripe Minnow *Galaxiella nigrostriata*	EN	EN
Balston's Pygmy Perch *Nannatherina balstoni*	VU	VU
Perth Slider *Lerista lineata*	P3	-
Coastal Plains Skink *Ctenotus ora*	P3	-
Migratory Shorebirds/Wetland/Marine Species	Various	Various
Australasian Bittern *Botaurus poiciloptilus*	EN	EN
Black Bittern (SW) *Botaurus flavicollis australis*	P2	-
Blue Billed Duck *Oxyura australis*	P4	-
Peregrine Falcon *Falco peregrinus*	OS	-
Grey Falcon *Falco hypoleucos*	VU	VU
Osprey *Pandion haliaetus*	MI	Mig
Masked Owl *Tyto n. novaehollandiae*	P3	-
Carnaby`s Cockatoo *Zanda latirostris*	EN	EN
Baudin's Cockatoo *Zanda baudinii*	EN	EN
Forest Red-tailed Black Cockatoo *Calyptorhynchus banksii naso*	VU	VU
Fork-tailed Swift *Apus pacificus*	MI	Mig
Grey Wagtail *Motacilla cinerea*	MI	Mig
Quenda *Isoodon fusciventer*	P4	-
Chuditch *Dasyurus geoffroii*	VU	VU
South-western Brush-tailed Phascogale *Phascogale tapoatafa wambenger*	CD	-
Western Ringtail Possum *Pseudocheirus occidentalis*	CR	CR
Bilby *Macrotis lagotis*	VU	VU
Quokka *Setonix brachyurus*	VU	VU
Western Brush Wallaby *Notamacropus irma*	P4	-
Woylie *Bettongia penicillata ogilbyi*	CR	EN
Western Mouse *Pseudomys occidentalis*	P4	-
Water Rat *Hydromys chrysogaster*	P4	-
Western False Pipistrelle *Falsistrellus mackenziei*	P4	-

[1] See Appendix A for conservation status codes

5.2 FIELD SURVEYS

5.2.1 FAUNA HABITAT ASSESSMENT

The ~23 ha survey area as a whole has been subject to significant historical disturbance with most of the natural vegetation having been removed for livestock grazing. The distribution and density of the vegetation remaining can be seen in Figure 1.

The Stage 1 area consists mainly of open grassland with a relatively small number of scattered and small groves of tuart (*Eucalyptus gomphocephala*) and peppermint (*Agonis flexuosa*). Some fencelines/screens have also been planted with non-endemic eucalypts of various species, a few pine (*Pinus* spp.) trees and some endemic species such as peppermint.

The Stage 1 area is bordered by additional areas of open grassland along with some tuart and peppermint trees.

The Stage 2 area also consists mainly of open grassland but with a higher density of scattered tuart (*E. gomphocephala*) when compared to the Stage 1 area. Scattered small peppermints (*A. flexuosa*) are present in the southern section of the Stage 1 area.

The Stage 2 area is bordered by additional areas of open grassland along with some tuart, peppermint, flooded gum and paperbark trees.

The survey area is bordered by the Tuart Forest National Park in its eastern and southern most boundaries (Figure1).

To put the area of vegetation remaining with the survey area in perspective there is about 7,000 ha of remnant native vegetation within 12 kilometres (km) of the survey area (DPIRD 2025).

Example images of the various fauna habitats present are provided in Table 2.

Table 2: Example images of the fauna habitats within the survey area

Fauna Habitat Description	Example Image
Grassland/pasture of exotic species with scattered trees of various species. Found throughout the Stage 1 and Stage 2 areas.	

Fauna Habitat Description	Example Image
Planted non-endemic eucalypts and peppermint trees – near western boundary of the Stage 1 area.	
Planted non-endemic eucalypts, a peppermint tree and remnant tuart – near eastern boundary of the Stage 1 area.	
Planted non-endemic eucalypts and peppermint trees – near central section of the Stage 1 area.	

Fauna Habitat Description	Example Image
Planted pine trees near central/northern section of the Stage 1 area.	
Grassland with scattered tuart trees - central section of the Stage 2 area	
Small grove of peppermint trees – south eastern section of the Stage 2 area.	

As a consequence of the survey area's history of disturbance and lack of natural vegetation the original fauna diversity has been significantly compromised. The area would now only support a small subset of the original fauna assemblage with most (though not all) of those using the area generally being widespread, common species (mostly birds) able to persist in highly disturbed areas.

The overall poor value of the habitat present is however supplemented by the fact the Tuart Forest National Park borders the survey area on two sides and some fauna species which otherwise my not persist in the survey area alone could potentially frequent the area, if only occasionally.

5.2.2 BLACK COCKATOO HABITAT ASSESSMENT

5.2.2.1 Breeding Habitat Assessment

Trees considered potentially suitable for black cockatoos to use as nesting habitat (subject to a suitable hollow being present and other factors) found within the survey area comprised the following species:

- Tuart – *Eucalyptus gomphocephala.*
- Flooded Gum - *Eucalyptus rudis.*
- Non-endemic Eucalypts – *Eucalyptus* spp.

A summary of the habitat trees observed is provided in Table 3. The locations of habitat trees are shown in Figure 3.

Table 3: Summary of potential habitat trees (DBH ≥50cm) within the survey area

Area	Total Number of Habitat Trees (DBH > 50cm)	Number of Habitat Trees with No Hollows Observed	Number of Habitat Trees with Possible Hollows considered Unsuitable for Black Cockatoos	Number of Habitat Trees with Possible Hollows considered Potentially suitable for Black Cockatoos	Tree Species		
					Tuart	Flooded Gum	Non-Endemic
Stage 1	12	9	3	0	12	0	0
Stage 2	30	23	6	0	23	0	0
Balance of Survey Area	23	20	4	0	20	3	1
Total	65	52	13	0	61	3	1

The black cockatoo breeding habitat assessment identified 42 trees within the Stage 1 and Stage 2 areas with a DBH of ≥50 cm. Most of these trees (33) appeared to not contain hollows of any size. Nine trees contained apparent or obvious hollows, all of which were assessed as being unlikely to be suitable for black cockatoos to currently use for nesting

purposes, due to the hollows apparent small size, unfavourable internal characteristics, unsuitable orientation and/or low height above ground level.

No hollows in any section of the survey area were assessed as being suitable for black cockatoos to use for nest purposes.

Additional details on each habitat tree observed can be found in Appendix C.

Based on available mapping, there is approximately 7,000 ha of remnant native vegetation within 12 km of the survey area (DPIRD 2025). Much of this is likely to contain "potential" breeding habitat as defined by DCCEEW (i.e. suitable tree species with a DBH ≥30 cm).

5.2.2.2 Foraging Habitat Assessment

The following flora species are known to be or are potentially used as a direct food source (e.g. seeds, flowers, nectar, bark or grubs) by one or more species of black cockatoo were recorded within or near the survey area:

- Tuart – *Eucalyptus gomphocephala.*
- Flooded Gum - *Eucalyptus rudis.*
- Non-endemic Eucalypts – *Eucalyptus* spp.
- Pine – *Pinus* spp. and
- Peppermint – *Agonis flexuosa.*

It should be noted that the most of flora species listed above are rarely targeted by black cockatoos as a foraging resource due to their potential food source (e.g. grubs), seasonal nature and/or small fruit size (i.e. tuart, flooded gum, non-endemic eucalypts and peppermint). While possibly foraged upon on occasions these species would make up only a small proportion of any one bird's diet relative to more favoured large fruited/higher nutritional value plant species such as marri which are absent from the survey area.

No evidence of black cockatoos foraging within the survey area was found during the survey period.

Overall, the foraging value of the survey area to black cockatoos can be regarded as being very low given the paucity of favoured foraging species.

Based on available mapping there is about 7,000 ha of remnant native vegetation within 12 km of the survey area (DPIRD 2025). Some of this vegetation may represent black cockatoo foraging habitat of some type.

5.2.2.3 Night Roosting Habitat Assessment

No evidence of black cockatoos roosting within trees located within the survey area was observed during the survey period. It is difficult to determine if trees or groves of trees within

the survey area represent potential roosting habitat as a range of factors, not all of which can be observed, determine suitability. Some of the larger trees may be suitable for roosting but as indicated no actual evidence of use was seen.

A review of the 2022 Great Cocky Count database (the most recent available) shows no documented roost sites within the survey area. The 2022 Great Cocky Count report documents the closest confirmed roost site as being approximately five kilometres southeast of the survey area (Site ID: CAPCAPR001). This roost has not been monitored for several years but was recorded as being occupied during the 2017 survey period by 7 white-tailed black cockatoos (Pryor *et al.* 2023). There are no other confirmed roost sites within 12 km of the survey area documented by Pryor *et al.* (2023).

Based on available mapping there is however about 7,000 ha of remnant native vegetation within 12 km of the survey area (DPIRD 2025). Some of this vegetation has the potential to represent black cockatoo roosting habitat of some type.

5.2.3 WESTERN RINGTAIL POSSUM ASSESSMENT

5.2.3.1 Daytime Survey

Evidence of western ringtail possums was observed during the daytime survey in the form of a small number of scats under peppermint trees at two locations bordering the Stage 2 area (Figure 4). No dreys or WRP individuals were detected at any location within the survey area.

5.2.3.2 Habitat Assessment

Vegetation within the two stage boundaries represents poor quality WRP habitat given the scattered nature of the trees present and the general dominance of tuart, isolated specimens of which don’t represent a plant species favoured by western ringtail possums. Some of the small areas of peppermints may present areas that maybe utilised at times but their limited extent, general poor health and lack of canopy connectivity suggest they are only likely to be used on occasions by transient individuals at best. The presence of WRP individuals in the Stage 1 and Stage 2 areas would require ongoing recruitment from surrounding areas which contain better quality habitat.

Some of the vegetation bordering the stage boundaries contains a midstorey peppermint with more coherent and extensive canopy connectivity and it was in these areas where a small number of WRP scats were observed. The value of these areas as WRP habitat is supported by the by proximity of the Tuart Forest National Park where WRP are known to be common (see Figure 2).

5.2.4 OTHER FAUNA SPECIES OF CONSERVATION SIGNIFICANCE

Twenty four (24) fauna species were observed or secondary evidence of their presence recorded during the field survey, most being common, widespread bird species (Appendix D).

Besides WRP (Critically Endangered) no evidence of any other fauna species of conservation significance utilising the survey area was recorded during the survey period.

The lack of evidence other species of conservation significance being observed does not eliminate the potential for them still occur, if only infrequently. The likelihood of conservation significant species occurring within the survey area is provided in Section 5.3 of the report.

5.3 LIKELIHOOD OF OCCURRENCE – FAUNA SPECIES OF CONSERVATION SIGNIFICANCE

Based on the information gathered during the site reconnaissance survey and the documented distribution and habitat preferences of the species of conservation significance identified as potentially being present in the general area, their likelihood of occurrence within the survey area itself has been assessed. A summary of this assessment is presented in Table 4.

One vertebrate fauna species of conservation significance (listed as State and/or Federal threatened/migratory species or as DBCA priority species) was positively identified as utilising the survey area during the survey period, this being:

- Western Ringtail Possum *Pseudocheirus occidentalis* – Critically Endangered (*BC Act & EPBC Act*). Evidence of this species recorded in survey area, but outside of stage boundaries. Habitat within the stage boundaries is however relatively poor given scattered nature of trees and paucity of favoured plant species and only a small number of occasional transient individuals anticipated.

Several additional species of conservation significance may utilise the survey area for some purpose at times, but their status on-site and/or in the general area is difficult to determine because they were not sighted during the field survey, or evidence of use was not observed, these being:

- Peregrine Falcon *Falco peregrinus* – OS (*BC Act*)
  This species potentially utilises some sections of the survey area as part of a much larger home range, though it is only likely to occur very infrequently. All areas represent potential foraging habitat for this species. No potential nest sites observed. Listed as a potential species based on available information.

- Masked Owl *Tyto n. novaehollandiae* – P4 (*BC Act* Priority Species)
  No evidence of this species was found during the survey period but there are some records from nearby, surrounding areas. May forage in open areas. Listed as a potential species based on available information.

- Forest Red-tailed Black Cockatoo *Calyptorhynchus banksii naso* –Vulnerable (*BC Act* & *EPBC Act*). No evidence attributed to this species was observed during the survey period. The survey area contains areas of potential black cockatoo breeding habitat (trees with a DBH $\geq$50 cm) but no suitable hollows are present. Small amount of potential low quality foraging habitat present. No evidence of roosting observed. Listed as a potential species based on available information.

- Carnaby`s Cockatoo *Zanda latirostris* – Endangered (*BC Act & EPBC Act*).
  No evidence attributed to this species was observed during the survey period. The survey area contains areas of potential black cockatoo breeding habitat (trees with a DBH >50 cm) but no suitable hollows are present. Small amount of potential low quality foraging habitat present. No evidence of roosting observed. Listed as a potential species based on available information.

- Baudin's Cockatoo *Zanda baudinii* – Endangered (*BC Act* & *EPBC Act*).
  No evidence attributed to this species was observed during the survey period. The survey area contains areas of potential black cockatoo breeding habitat (trees with a DBH >50 cm) but no suitable hollows are present. Small amount of potential low quality foraging habitat present. No evidence of roosting observed. Listed as a potential species based on available information.

- South-west Brush-tailed Phascogale *Phascogale tapoatafa wambenger* – CD (*BC Act*). No evidence of this species was found during the survey period but there are some records from nearby, surrounding areas. Habitat within the stage boundaries is however relatively poor given the scattered nature of trees. Listed as a potential species based on available information.

- Western False Pipistrelle *Falsistrellus mackenziei* – P4 (*BC Act* Priority Species)
  No evidence of this species was found during the survey period but there are some records from nearby, surrounding areas. May forage in open areas. . Listed as a potential species based on available information.

A number of other species of conservation significance (as listed in Table 4), while possibly present in the larger bush remnants in the wider area (e.g. Tuart Forest National Park), are not listed as potentially occurring within the survey area primarily due to a complete lack of suitable habitat (quality and extent) and/or known local/regional extinction.

Table 4: Likelihood of Occurrence – Fauna Species of Conservation Significance

Species	Conservation Status		Habitat Preferences	Habitat Present	Likelihood of Occurrence	Comments/Possible Impacts
	BC Act	*EPBC Act*				
Irvine's Bothriembryontid Land Snail Bothr*iembryon irvineanus*	P2	-	Poorly documented – records from coastal areas located on the Leeuwin Naturaliste Ridge	No	Would Not Occur.	No suitable habitat. No impact on this species will occur.
Swan Coastal Plain Shield-backed Trapdoor Spider *Idiosoma sigillatum*	P3	-	Burrows of this species usually found in *Banksia* woodland and heathland on sandy soils.	No	Would Not Occur.	No suitable habitat. No impact on this species will occur.
Margaret River hairy marron *Cherax tenuimanus*	CR	CR	Margaret River	No	Would Not Occur.	No suitable habitat. Outside of natural documented distribution. No impact on this species will occur.
Carter's Freshwater Mussel *Westralunio carteri*	VU	VU	Occurs in greatest abundance in slower flowing streams with stable sediments that are soft enough for burrowing amongst woody debris and exposed tree roots.	No	Would Not Occur.	No suitable habitat. No impact on this species will occur.
Pouched Lamprey *Geotria australis*	P3	-	This species lives in mud burrows in the upper reaches of coastal freshwater streams for the first 4 years of life until migrating to the sea. Adults migrate up to 60km upstream during spawning.	No	Would Not Occur.	No suitable habitat. No impact on this species will occur.
Black-stripe Minnow *Galaxiella nigrostriata*	EN	EN	Permanent or ephemeral pools, roadside ditches and small creeks in sandy, thickly vegetated wetland areas. Water is usually darkly tannin stained and acidic (pH 4.6 – 6.5)	No	Would Not Occur.	No suitable habitat. No impact on this species will occur.
Balston's Pygmy Perch *Nannatherina balstoni*	VU	VU	Coastal peat flats from Margaret River to Two Peoples Bay, with outlying populations in sections of the Collie and Moore Rivers.	No	Would Not Occur.	No suitable habitat. No impact on this species will occur.
Perth Slider *Lerista lineata*	P3	-	Inhabits loose white sands and leaf litter under areas of shrubs and heath particularly in association with banksias.	No	Would Not Occur.	No suitable habitat and outside of current documented range. No impact on this species will occur.
Coastal Plains Skink *Ctenotus ora*	P3	-	Sandy substrates with low vegetation (including heath) in open eucalypt woodland over *Banksia*.	No	Would Not Occur.	No suitable habitat. No impact on this species will occur.
Migratory Shorebirds/Wetland & Marine Species	MI, Various	Ma, Mig, Various	Varies between species but includes open ocean, beaches and permanent/temporary wetlands varying from billabongs, swamps, lakes, floodplains, sewerage farms, saltwork ponds, estuaries, lagoons, mudflats sandbars, pastures, airfields, sports fields and lawns.	No	Would Not Occur.	No suitable habitat. No impact on these species will occur.
Australasian Bittern *Botaurus poiciloptilus*	EN	EN	Freshwater wetlands, occasionally estuarine; prefers heavy vegetation such as beds of tall dense *Typha, Baumea* and sedges in freshwater swamps.	No	Would Not Occur.	No suitable habitat. No impact on this species will occur.

Species	Conservation Status		Habitat Preferences	Habitat Present	Likelihood of Occurrence	Comments/Possible Impacts
	BC Act	*EPBC Act*				
Black Bittern (SW) *Botaurus flavicollis australis*	P2	-	Freshwater pools, swamps and lagoons well screened with trees. Shelters in dense waterside vegetation.	No	Would Not Occur.	No suitable habitat. No impact on this species will occur.
Blue Billed Duck *Oxyura australis*	P4	-	Well vegetated freshwater swamps, large dams and lakes, winters on more open water. Occasionally salt lakes and estuaries freshened by floodwaters.	No	Would Not Occur.	No suitable habitat. No impact on this species will occur.
Peregrine Falcon *Falco peregrinus*	OS	-	Diverse from rainforest to arid shrublands, from coastal heath to alpine Mainly about cliffs along coasts, rivers and ranges and about wooded watercourses and lakes.	Yes	Possibly Occurs.	May forage in general area. Modification of areas of foraging habitat. No potential nest sites observed. No significant impact on this species anticipated.
Grey Falcon *Falco hypoleucos*	VU	VU	Typically confined to the arid inland where it frequents *Triodia* grassland, *Acacia* shrubland, and lightly timbered arid woodland.	No	Would Not Occur.	Very rarely, if ever recorded in the lower southwest. No impact on this species will occur.
Osprey *Pandion haliaetus*	MI	Mig	Coasts, estuaries, bays, inlets, islands, and surrounding waters, coral atolls, reefs, lagoons, rock cliffs and stacks. Ascends larger rivers.	No	Unlikely to Occur.	Occasional flyovers possible but this species would mainly confine its activities to coastal/estuarine areas in this region. No potential nest sites observed. No impact on this species anticipated.
Masked Owl *Tyto n. novaehollandiae*	P3	-	Roosts and nests in heavy forest, hunts over open woodlands and farmlands.	Yes	Possibly Occurs.	May forage and roost in general area. Modification of areas of foraging habitat. No significant impact on this species anticipated.
Carnaby`s Cockatoo *Zanda latirostris*	EN	EN	Forests, woodlands, heathlands, farms; feeds on *Banksia*, *Hakea* and Marri.	Yes	Possibly Occurs.	Known to occur in general area. Modification/loss of small areas of low value foraging habitat. No existing nest hollows observed. No significant impact on this species overall conservation status is anticipated given limited area of likely impact and low quality of habitat.
Baudin's Cockatoo *Zanda baudinii*	EN	EN	Mainly eucalypt forests where it feeds primarily on the marri seeds.	Yes	Possibly Occurs.	Known to occur in general area. Modification/loss of small areas of low value foraging habitat. No existing nest hollows observed. No significant impact on this species overall conservation status is anticipated given limited area of likely impact and low quality of habitat.
Forest Red-tailed Black Cockatoo *Calyptorhynchus banksii naso*	VU	VU	Eucalypt forests, feeds on marri, jarrah, blackbutt, karri, sheoak and snottygobble.	Yes	Possibly Occurs.	Known to occur in general area. Modification/loss of small areas of low value foraging habitat. No existing nest hollows observed. No significant impact on this species overall conservation status is anticipated given limited area of likely impact and low quality of habitat.
Fork-tailed Swift *Apus pacificus*	MI	Ma, Mig	Low to very high airspace over varied habitat from rainforest to semi desert.	Yes	Unlikely to Occur	May occur very occasionally for brief periods. Entirely aerial. No impact on this species will occur.

Species	Conservation Status		Habitat Preferences	Habitat Present	Likelihood of Occurrence	Comments/Possible Impacts
	BC Act	*EPBC Act*				
Grey Wagtail *Motacilla cinerea*	MI	Mig, Ma	In Australia, near running water in disused quarries, sandy, rocky streams in escarpments and rainforest, sewerage ponds, ploughed fields and airfields.	No/Very Marginal	Would Not Occur.	Very rarely record in southwest. No impact on this species will occur.
Quenda *Isoodon fusciventer*	P4	-	Dense scrubby, often swampy, vegetation with dense cover.	No/Very Marginal	Unlikely to Occur	Vegetation within the survey area appears unsuitable for this species to persist. May occur in some adjoining areas. No impact on this species anticipated.
Chuditch *Dasyurus geoffroii*	VU	VU	Forest, mallee shrublands, woodland and desert. Currently, the densest populations have been found in riparian jarrah forest.	No	Would Not Occur.	Locally extinct. Lack of recent records in wider area suggest this species does not persist in the immediate vicinity. No impact on this species will occur.
South-western Brush-tailed Phascogale *Phascogale tapoatafa wambenger*	CD	-	Dry sclerophyll forests and open woodlands that contain hollow-bearing trees but a sparse ground cover.	Yes/Marginal	Unlikely to Occur	Unlikely to reside in paddock areas but may persist in some vegetation immediately bordering the National Park and denser fence line vegetation. No impact on this species anticipated.
Western Ringtail Possum *Pseudocheirus occidentalis*	CR	CR	Coastal peppermint, coastal peppermint-tuart, jarrah-marri associations, sheoak woodland, and eucalypt woodland and mallee.	Yes	Known to Occur.	Recorded during survey period. Modification/loss of small areas of habitat. Some potential for a small number of individuals to be killed or injured during site clearing. Potential Impacts require management.
Bilby *Macrotis lagotis*	VU	VU	Acacia shrublands, spinifex and hummock grassland. Mitchell grass and stony downs country if cracking clay, also desert sand plains and dune fields sometimes with spinifex hummock grassland and acacia shrubland.	No	Would Not Occur.	This species is regionally extinct. No suitable habitat. No impact on this species will occur.
Quokka *Setonix brachyurus*	VU	VU	Currently restricted to densely vegetated coastal heaths, swamps, riverine habitats including tea-tree thickets on sandy soils along creek systems.	No	Would Not Occur.	No suitable habitat. No impact on this species will occur.
Western Brush Wallaby *Notamacropus irma*	P4	-	The species preferred habitat is 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.	No	Would Not Occur.	The open nature of the survey area suggests this species would not occur though they may persist in the adjoining National Park. No impact on this species will occur.
Woylie *Bettongia penicillata ogilbyi*	CR	EN	Open sclerophyll forest and woodland with a low, dense, understorey of tussock grasses or woody scrub.	No	Would Not Occur.	Locally extinct. Lack of recent records in wider area suggest this species does not persist in the immediate vicinity. No impact on this species will occur.
Western Mouse *Pseudomys occidentalis*	P4	-	Now restricted to long unburnt areas near the Ravensthorpe Range, at Fitzgerald River National Park, and several isolated populations in the southern wheatbelt.	No	Would Not Occur.	This species is regionally extinct. No suitable habitat. No impact on this species will occur.
Water Rat *Hydromys chrysogaster*	P4	-	Permanent water, fresh, brackish or marine.	No	Would Not Occur.	No suitable habitat. No impact on this species will occur.

Species	Conservation Status		Habitat Preferences	Habitat Present	Likelihood of Occurrence	Comments/Possible Impacts
	BC Act	*EPBC Act*				
Western False Pipistrelle *Falsistrellus mackenziei*	P4	-	Wet sclerophyll forest dominated by karri and in high rainfall zones of the jarrah and marri forest.	Yes	Possibly Occurs.	May forage in the general area and roost in trees hollows. Potential for individuals to be killed or injured during site clearing. Potential Impacts require management.

See Appendix A for conservation status codes

6. CONCLUSION

The fauna assessment was primarily undertaken to determine the possible presence of conservation significant fauna species and/or their habitat in addition to carrying out a targeted black cockatoo habitat and western ringtail possum assessment.

As a consequence of the survey area's history of disturbance and lack of natural vegetation the original fauna diversity has been significantly compromised. The area would now only support a small subset of the original fauna assemblage with most (though not all) of those using the area generally being widespread, common species (mostly birds) able to persist in highly disturbed areas.

The overall poor value of the habitat present is however supplemented by the fact the Tuart Forest National Park borders the survey area on two sides and some fauna species which otherwise my not persist in the survey area alone could potentially frequent the area, if only occasionally.

The survey area contains no hollow bearing trees suitable for breeding black cockatoos and the black cockatoo foraging habitat present is of a very low overall value. No evidence of black cockatoos roosting was evident during the survey period.

No evidence of western ringtail possum was detected within either of the proposed stage boundaries however a small number of scats were detected elsewhere in the survey area. WRPs are also known to be common in the adjoining Tuart Forest National Park. Habitat within the stage boundaries is relatively poor given scattered nature of trees and paucity of favoured plant species and only a small number of occasional transient WRP individuals are therefore anticipated to occur, if only occasionally. The potential presence of WRPs will need to be taken into consideration during the approval and development process.

Several additional species of conservation significance may also utilise the survey area, though, as no evidence of their presence was identified during the field survey, their status in the area remains uncertain.

In cases where some habitat is present and available information indicates at least some probability of a species occurrence, likely impacts are anticipated to be related to the loss of small areas of habitat and in some cases, the potential for fauna to be killed or injured during clearing. This in particular relates to western ringtail possums.

It is recommended that a fauna management plan be formulated and implemented during site clearing, with the primary component being the engagement of a suitable qualified and experienced "fauna spotter" given the task of minimising the risk to any fauna encountered.

It is also recommended that any proposed landscaping/revegetation include plant species favoured by western ringtail possums and black cockatoos including but not limited to peppermint (*Agonis flexuosa*) and a range of black cockatoo foraging species suited to the site conditions.

7. REFERENCES

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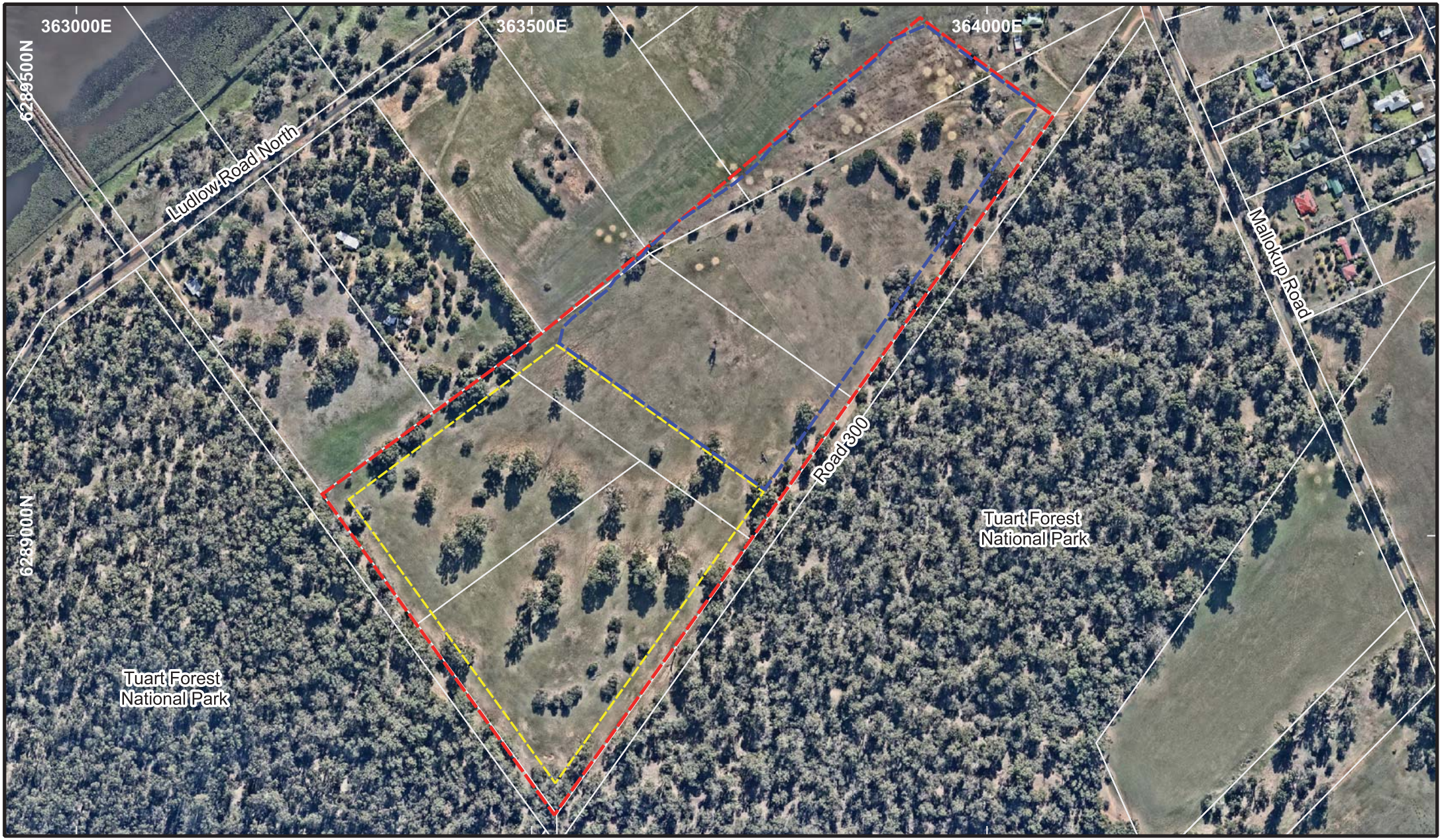
FIGURES



Legend

Survey Area | Stage 1 Boundary | Stage 2 Boundary

0 100 200

Metres

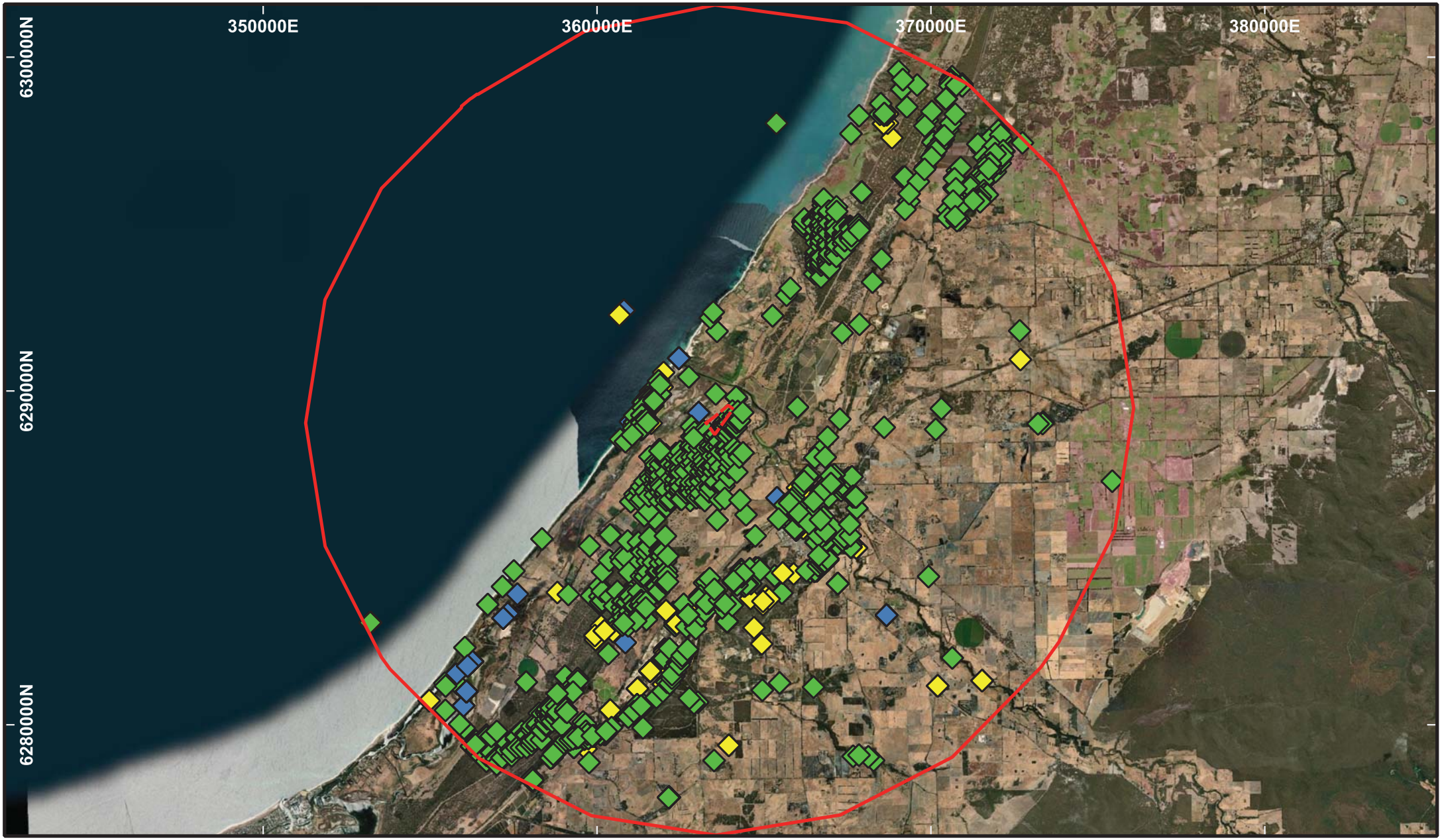
Fauna Survey

#365 Mallokup Road
Stirling Estate
Capel

Survey Area Aerial Photograph

Drawn: G Harewood
Date: October 2025
Scale: 1:5,500
Coordinate System: GDA 2020/MGA Z50

Figure 1



Legend

- Mallokup Survey Area
- 12km Buffer
- Threatened Fauna Species
- Threatened Migratory Fauna Species
- DBCA Priority Fauna Species

0 5 10 km

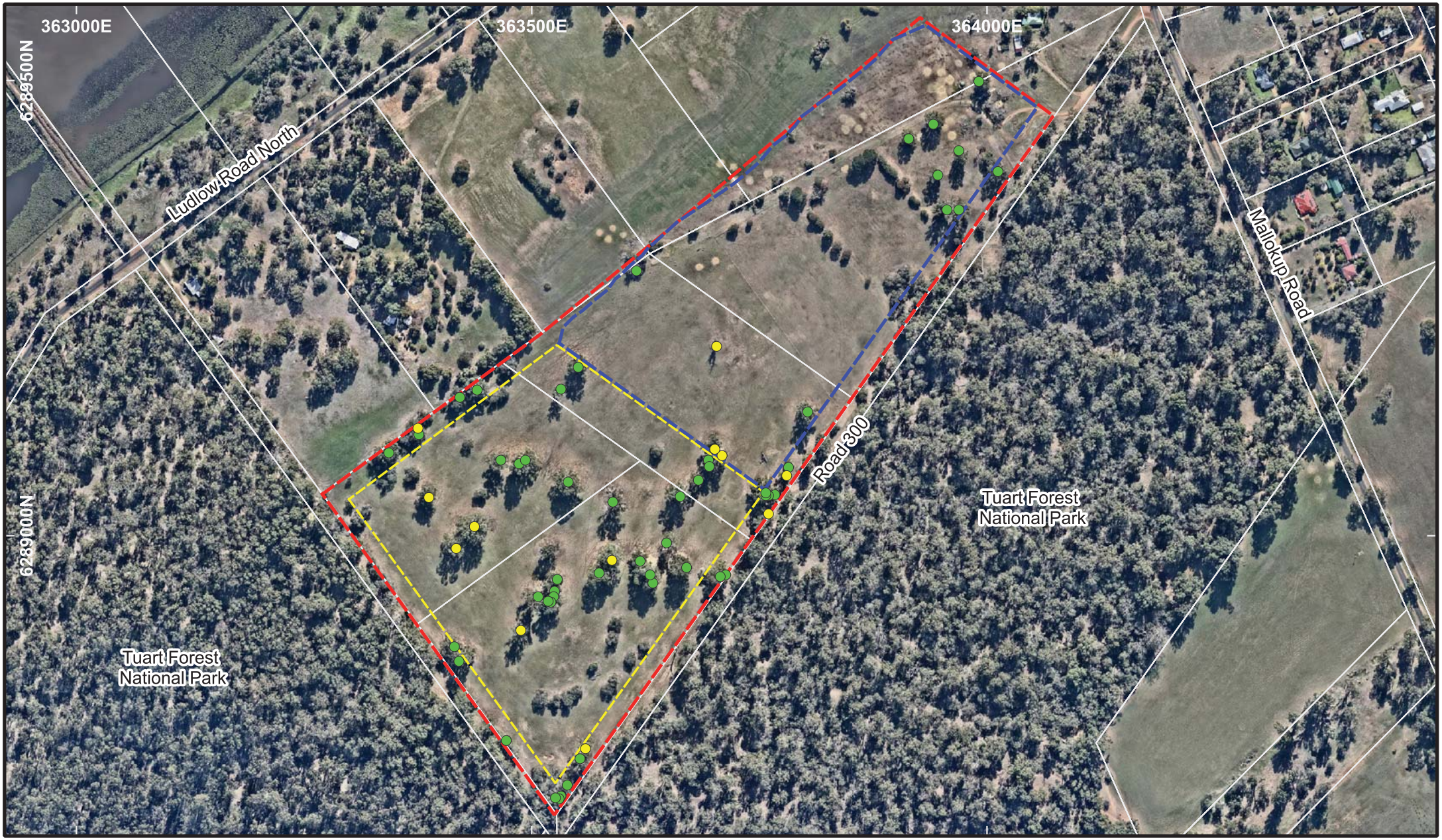
Kilometres

Fauna Survey

#365 Mallokup Road
Stirling Estate
Capel

Threatened & Priority Fauna - DBCA Records (12km Buffer)

Drawn: G Harewood	
Date: November 2025	
Scale: 1:150,000	
Coordinate System: GDA 2020/MGA Z50	**Figure 2**



Legend

- Survey Area
- Stage 1 Boundary
- Stage 2 Boundary
- Habitat Tree - No visible hollows
- Habitat Tree - One or more visible hollows
  None suitable for black cockatoos

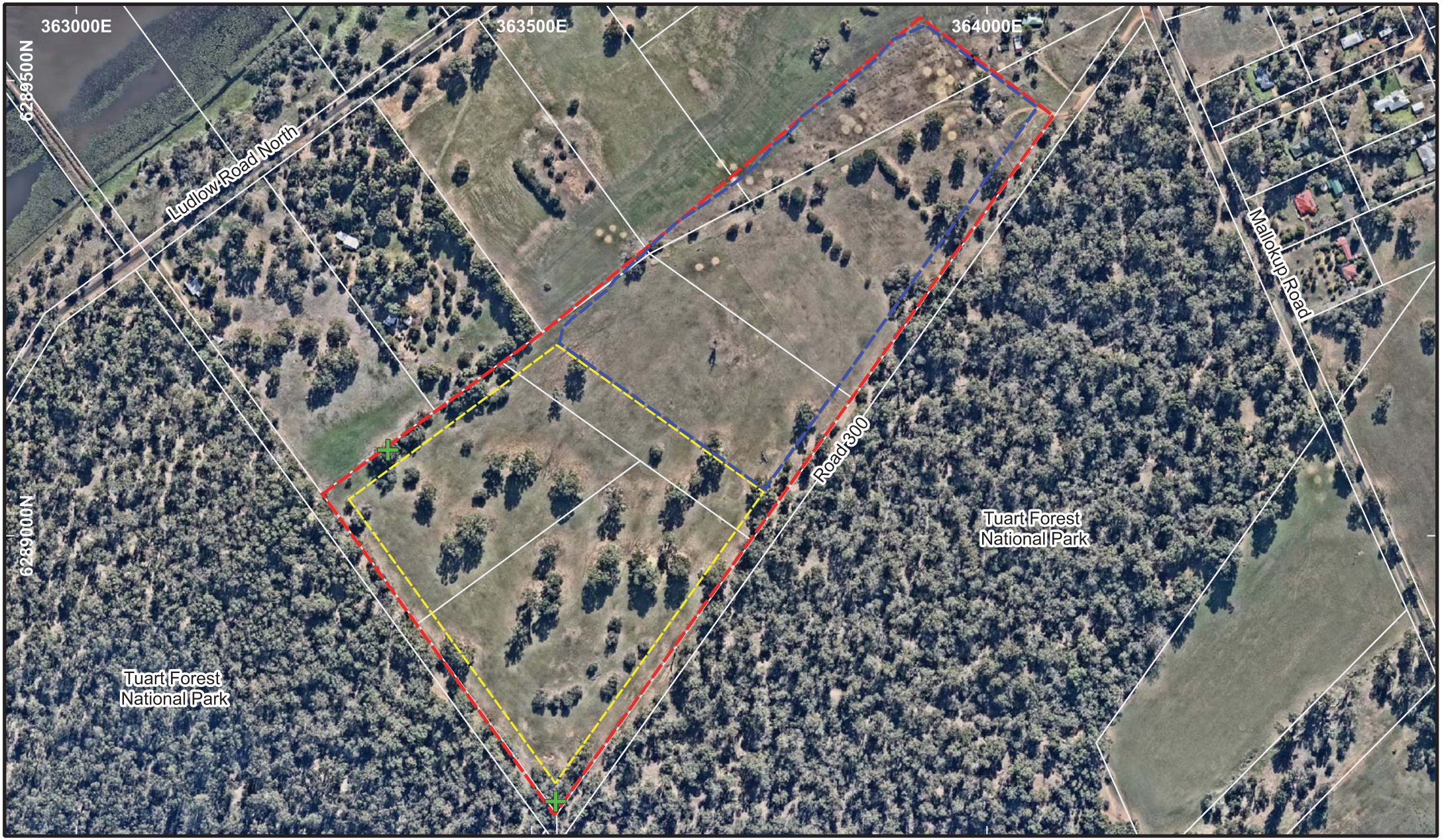
0 100 200
Metres

Fauna Survey

#365 Mallokup Road
Stirling Estate
Capel

Survey Area
BC Habitat Trees
(DBH >50cm)

Drawn: G Harewood	
Date: October 2025	
Scale: 1:5,500	
Coordinate System: GDA 2020/MGA Z50	**Figure 3**



Legend

Survey Area | Stage 1 Boundary | Stage 2 Boundary | WRP Scat

0 100 200

Metres

Fauna Survey

#365 Mallokup Road
Stirling Estate
Capel

Survey Area Possum Observations

Drawn: G Harewood
Date: December 2025
Scale: 1:5,500
Coordinate System: GDA 2020/MGA Z50

Figure 4

APPENDIX A
CONSERVATION CATEGORIES

Environment Protection and Biodiversity Conservation Act 1999 (EPBC Act)
Threatened Fauna Categories

Threatened fauna may be listed under Section 178 of the *Environment Protection and Biodiversity Conservation Act 1999* (*EPBC Act*) in any one of the following categories:

Category	Code	Description
Extinct	E	There is no reasonable doubt that the last member of the species has died.
*Extinct in the wild	EW	A species (a) is known only to survive in cultivation, in captivity or as a naturalised population well outside its past range; or (b) has not been recorded in its known and/or expected habitat, at appropriate seasons, anywhere in its past range, despite exhaustive surveys over a time frame appropriate to its life cycle and form.
*Critically Endangered	CR	A species is facing an extremely high risk of extinction in the wild in the immediate future.
*Endangered	EN	A species: (a) is not critically endangered; and (b) is facing a very high risk of extinction in the wild in the near future.
*Vulnerable	VU	A species (a) is not critically endangered or endangered; and (b) is facing a high risk of extinction in the wild in the medium-term future.
Conservation Dependent	CD	A species is the focus of a specific conservation program the cessation of which would result in the species becoming vulnerable, endangered or critically endangered
*Migratory	Mig	(a) all migratory species that are: (i) native species; and (ii) from time to time included in the appendices to the Bonn Convention; and (b) all migratory species from time to time included in annexes established under JAMBA, CAMBA and ROKAMBA; and (c) all native species from time to time identified in a list established under, or an instrument made under, an international agreement approved by the Minister.
Marine	Ma	Species in the list established under s248 of the *EPBC Act*

Note: Only species in those categories marked with an asterix are matters of national environmental significance (NES) under the *EPBC Act*.

Biodiversity Conservation Act 2016 (BC Act)
Specially Protected Fauna Categories

Biodiversity Conservation (Listing of Native Species) (Fauna) Order 2022, made by the Minister under sections 13(1), 19(1) and 23(1) of the Act and regulation 174(1) of the Biodiversity Conservation Regulations 2018

Threatened Species		
Category	**Code**	**Description**
Critically Endangered species	CR	Species 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
Endangered species	EN	Species 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.
Vulnerable species	VU	Species 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.
Presumed extinct species	EX	Species where there is no reasonable doubt that the last member of the species has died.
Extinct in the wild species	EW	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 from.
Specially Protected Species		
Category	**Code**	**Description**
Migratory Species	MI	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*)
Species of special conservation interest (conservation dependent)	CD	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*).
Species otherwise in need of special protection (other specially protected).	OS	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*).

Priority Species*		
Category	**Code**	**Description**
Priority 1 (P1) Poorly Known Species.	P1	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. These species are in urgent need of further survey.
Priority 2 (P2) Poorly Known Species.	P2	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.
Priority 3 (P3) Poorly Known Species.	P3	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.
Priority 4 (P4) Rare, Near Threatened and other species in need of monitoring.	P4	(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 Conservation Dependent. (c) Species that have been removed from the list of threatened species during the past five years for reasons other than taxonomy.

*Priority is not a listing category under the BC Act.

All fauna and flora are protected in WA following the provisions in Part 10 of the *BC Act*. The protection applies even when a species is not listed as threatened or specially protected, and regardless of land tenure (State managed land (Crown land), private land, or Commonwealth land). 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. Assessment of priority status is based on the Western Australian distribution of the species, unless the distribution in WA is part of a contiguous population extending into adjacent States, as defined by the known spread of locations.

***IUCN Red List* Threatened Species Categories**

The *IUCN Red List of Threatened Species*™ is a checklist of taxa that have undergone an extinction risk assessment using the *IUCN Red List Categories and Criteria*.

Categories are summarized below.

Category	Code	Description
Extinct	EX	Taxa for which there is no reasonable doubt that the last individual has died.
Extinct in the Wild	EW	Taxa which is known only to survive in cultivation, in captivity or and as a naturalised population well outside its past range and it has not been recorded in known or expected habitat despite exhaustive survey 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.
Endangered	EN	Taxa facing a very high risk of extinction in the wild.
Vulnerable	VU	Taxa facing a high risk of extinction in the wild.
Near Threatened	NT	Taxa which has been evaluated but does not qualify for CR, EN or VU now but is close to qualifying or likely to qualify in the near future.
Least Concern	LC	Taxa which has been evaluated but does not qualify for CR, EN, VU, or NT but is likely to qualify for NT in the near future.
Data Deficient	DD	Taxa for which there is inadequate information to make a direct or indirect assessment of its risk of extinction based on its distribution and/or population status.
Not Evaluated	NE	Taxa which has not been evaluated.

A full list of categories and their meanings are available at:

https://www.iucnredlist.org/resources/categories-and-criteria

APPENDIX B

DANDJOO DATABASE SEARCH
AND
PROTECTED MATTERS SEARCH TOOL RESULTS

Dandjoo Species List Export

Created by Guest User on 10 Oct 2025

Source	Dandjoo – Department of Biodiversity, Conservation and Attractions
Method	User defined polygon: [[[[115.4390294603315, -33.58090033150866], [115.44171617078875, -33.58411154246105], [115.45496807036373, -33.59711726371688], [115.47093377584325, -33.60780261369538], [115.48903833561305, -33.61578219729083], [115.50862905064689, -33.62076811721885], [115.5289991413227, -33.62258044500273], [115.54941344755285, -33.62115377089655], [115.56913519876072, -33.61653958610446], [115.58745284462631, -33.608904407430074], [115.60370593492462, -33.598523715107255], [115.61730907734672, -33.58577193215551], [115.62330597796797, -33.5789400354107], [115.63395786180631, -33.56393995304487], [115.64093415785634, -33.54750915200271], [115.64397471966062, -33.5302653912905], [115.64296765501275, -33.51285662067598], [115.63795318413031, -33.495936602005685], [115.62912177275125, -33.4801403696604], [115.61680666320242, -33.466060449355034], [115.60147113046783, -33.45422471788012], [115.59990217927798, -33.453230540668294], [115.58241134513497, -33.44420090518161], [115.56318623065567, -33.438105080384965], [115.54292521175907, -33.4351644139562], [115.52236394507459, -33.43548566910666], [115.50224888843228, -33.43905718297716], [115.4833104469188, -33.44574928621637], [115.46623667551005, -33.4553189691922], [115.46485106966664, -33.45626724510733], [115.46483010927585, -33.456279735988446], [115.46478799426698, -33.45631041155955], [115.4638028731162, -33.45698458201574], [115.46299694140241, -33.45751930235474], [115.46305074712701, -33.4575757497025], [115.44902378797507, -33.467790156262986], [115.4361853033143, -33.48163538472966], [115.42680159643186, -33.497291933167595], [115.42122958808481, -33.51416752943101], [115.4196824413116, -33.531623431193246], [115.4222211742753, -33.54899854343679], [115.42875198742581, -33.565634438054715], [115.4390294603315, -33.58090033150866], [115.4390294603315, -33.58090033150866]]]].
Date time	2025-10-10T17:39:22.166994+08:00

Conservation status summary	Count
CD	1
CD, MI	1
CR	6
Cons code inherited from parent	1
EN	7
MI	17
None	410
OS	1
P2	2
P3	4
P4	7
Parent of conservation listed taxa	4
VU	10
Total	**471**

Kingdoms	Count
Animalia	471
Total unique species	**471**

Animalia

#	Class	Family	Name	Establishment	Conservation
1	None	None	Hylaeus proximus (Smith, 1879)		
2	None	None	Marita compta (Adams & Angas, 1864)		
3	None	None	Monophorus angasi (Crosse & Fischer, 1865)		
4	None	None	Rissopsetia maccoyi (Tenison-Woods, 1877)		
5	Actinopterygii Klein, 1885	Cyprinidae	Carassius auratus (Linnaeus, 1758)		
6	Actinopterygii Klein, 1885	Echeneidae	Echeneis naucrates Linnaeus, 1758		
7	Actinopterygii Klein, 1885	Galaxiidae	Galaxias occidentalis Ogilby, 1899	native	
8	Actinopterygii Klein, 1885	Galaxiidae	Galaxiella nigrostriata (Shipway, 1953) *(Black-stripe Minnow)*	native	EN
9	Actinopterygii Klein, 1885	Gobiidae	Pseudogobius olorum (Sauvage, 1880)		
10	Actinopterygii Klein, 1885	Monacanthidae	Acanthaluteres brownii (Richardson, 1846)		
11	Actinopterygii Klein, 1885	Monacanthidae	Cantheschenia longipinnis (Fraser-Brunner, 1941)		
12	Actinopterygii Klein, 1885	Monacanthidae	Eubalichthys cyanoura Hutchins, 1987		
13	Actinopterygii Klein, 1885	Monacanthidae	Meuschenia galii (Waite, 1905)		
14	Actinopterygii Klein, 1885	Percichthyidae D.S. Jordan & C.H. Eigenmann, 1890	Bostockia porosa Castelnau, 1873 *(Nightfish, Western Cod)*		
15	Actinopterygii Klein, 1885	Percichthyidae D.S. Jordan & C.H. Eigenmann, 1890	Nannoperca vittata (Castelnau, 1873)		
16	Actinopterygii Klein, 1885	Percidae	Perca fluviatilis Linnaeus, 1758		
17	Actinopterygii Klein, 1885	Poeciliidae	Gambusia holbrooki Girard, 1859		
18	Amphibia	Limnodynastidae	Heleioporus eyrei (Gray, 1845)	native	
19	Amphibia	Limnodynastidae	Limnodynastes dorsalis (Gray, 1841)	native	
20	Amphibia	Myobatrachidae	Crinia georgiana Tschudi, 1838	native	
21	Amphibia	Myobatrachidae	Crinia glauerti (Loveridge, 1933)	native	
22	Amphibia	Myobatrachidae	Crinia insignifera (Moore, 1954)	native	
23	Amphibia	Myobatrachidae	Geocrinia leai (Fletcher, 1898)	native	
24	Amphibia	Pelodryadidae Günther, 1858	Litoria adelaidensis (Gray, 1841)	native	
25	Amphibia	Pelodryadidae Günther, 1858	Litoria moorei (Copland, 1957)	native	
26	Arachnida	None	Acari Leach, 1817		
27	Arachnida	None	Acariformes		
28	Arachnida	Actinopodidae Simon, 1892	Missulena Walckenaer, 1805		
29	Arachnida	Actinopodidae Simon, 1892	Missulena granulosa (O. P.-Cambridge, 1869)		
30	Arachnida	Anamidae Simon, 1889	Proshermacha Simon, 1908		
31	Arachnida	Anapidae Simon, 1895	Raveniella peckorum Rix & Harvey, 2010		
32	Arachnida	Araneidae Clerck, 1757	Argiope protensa L. Koch, 1872	mixed	
33	Arachnida	Araneidae Clerck, 1757	Austracantha minax (Thorell, 1859)		
34	Arachnida	Araneidae Clerck, 1757	Backobourkia brouni (Urquhart, 1885)		
35	Arachnida	Araneidae Clerck, 1757	Cyclosa Menge, 1866		
36	Arachnida	Araneidae Clerck, 1757	Cyclosa trilobata (Urquhart, 1885)		
37	Arachnida	Araneidae Clerck, 1757	Hortophora biapicata (L. Koch, 1871)		
38	Arachnida	Araneidae Clerck, 1757	Plebs cyphoxis (Simon, 1908)	native	
39	Arachnida	Araneidae Clerck, 1757	Socca senicaudata (Simon, 1908)		
40	Arachnida	Arkyidae L. Koch, 1872	Arkys alticephala (Urquhart, 1891)		
41	Arachnida	Arkyidae L. Koch, 1872	Arkys walckenaeri Simon, 1879		
42	Arachnida	Atemnidae Kishida, 1929	Oratemnus curtus (Beier, 1954)		

43	Arachnida	Bothriuridae	Cercophonius sulcatus Kraepelin, 1908		
44	Arachnida	Buthidae C.L. Koch, 1837	Lychas C.L. Koch, 1845		
45	Arachnida	Chthoniidae Daday, 1888	Austrochthonius J.C. Chamberlin, 1929		
46	Arachnida	Chthoniidae Daday, 1888	Austrochthonius strigosus Harvey & Mould, 2006		
47	Arachnida	Clubionidae Simon, 1878	Clubiona Latreille, 1804		
48	Arachnida	Corinnidae	Battalus rugosus Raven, 2015		
49	Arachnida	Desidae Pocock, 1895	Badumna insignis (L. Koch, 1872)		
50	Arachnida	Desidae Pocock, 1895	Baiami volucripes (Simon, 1908)		
51	Arachnida	Desidae Pocock, 1895	Desidae Pocock, 1895		
52	Arachnida	Geogarypidae Chamberlin, 1930	Geogarypus taylori Harvey, 1986		
53	Arachnida	Gnaphosidae Banks, 1892	Gnaphosidae Banks, 1892		
54	Arachnida	Hersiliidae Thorell, 1869	Tamopsis perthensis B. Baehr & M. Baehr, 1987		
55	Arachnida	Hersiliidae Thorell, 1869	Tamopsis reevesbyana B. Baehr & M. Baehr, 1987		
56	Arachnida	Idiopidae Simon, 1889	Euoplos Rainbow, 1914		
57	Arachnida	Idiopidae Simon, 1889	Idiosoma Ausserer, 1871		Parent of conservation listed taxa
58	Arachnida	Idiopidae Simon, 1889	Idiosoma rhaphiduca (Rainbow & Pulleine, 1918)	native	
59	Arachnida	Idiopidae Simon, 1889	Idiosoma sigillatum O. P.-Cambridge, 1870 *(Swan Coastal Plain shield-backed trapdoor spider)*	native	P3
60	Arachnida	Lamponidae Simon, 1893	Lampona cylindrata (L. Koch, 1866)		
61	Arachnida	Lamponidae Simon, 1893	Lampona punctigera Simon, 1908	mixed	
62	Arachnida	Linyphiidae Blackwall, 1859	Linyphiidae Blackwall, 1859		
63	Arachnida	Lycosidae	Artoria flavimana Simon, 1909		
64	Arachnida	Lycosidae	Lycosidae		
65	Arachnida	Lycosidae	Tasmanicosa leuckarti (Thorell, 1870)		
66	Arachnida	Lycosidae	Venatrix pullastra (Simon, 1909)		
67	Arachnida	Miturgidae Simon, 1889	Argoctenus L. Koch, 1878		
68	Arachnida	Miturgidae Simon, 1889	Mituliodon tarantulinus (L. Koch, 1873)		
69	Arachnida	Salticidae Blackwall, 1841	Clynotis severus (L. Koch, 1879)		
70	Arachnida	Salticidae Blackwall, 1841	Helpis Simon, 1901		
71	Arachnida	Salticidae Blackwall, 1841	Helpis minitabunda (L. Koch, 1880)		
72	Arachnida	Salticidae Blackwall, 1841	Maratus pavonis (Dunn, 1947)		
73	Arachnida	Salticidae Blackwall, 1841	Ocrisiona parmeliae Zabka, 1990		
74	Arachnida	Salticidae Blackwall, 1841	Salticidae Blackwall, 1841		
75	Arachnida	Segestriidae Simon, 1893	Segestriidae Simon, 1893		
76	Arachnida	Sparassidae Bertkau, 1872	Isopeda leishmanni Hogg, 1903		
77	Arachnida	Sparassidae Bertkau, 1872	Isopedella cana (Simon, 1908)		
78	Arachnida	Sparassidae Bertkau, 1872	Neosparassus Hogg, 1903		
79	Arachnida	Sparassidae Bertkau, 1872	Sparassidae Bertkau, 1872		
80	Arachnida	Tetragnathidae	Tetragnatha demissa L. Koch, 1872		
81	Arachnida	Theridiidae Sundevall, 1833	Latrodectus hasselti Thorell, 1870		
82	Arachnida	Theridiidae Sundevall, 1833	Theridiidae Sundevall, 1833		
83	Arachnida	Thomisidae Sundevall, 1833	Synalus angustus (L. Koch, 1876)		
84	Arachnida	Trachycosmidae Platnick, 2002	Trachytrema castaneum Simon, 1909		
85	Arachnida	Triaenonychidae	Nunciella Roewer, 1929		
86	Arachnida	Triaenonychidae	Nunciella aspera (Pocock, 1903)		
87	Arachnida	Uloboridae	Philoponella Mello-Leitão, 1917		
88	Arachnida	Urodacidae	Urodacus novaehollandiae Peters, 1861		
89	Asteroidea	Asterinidae Gray, 1840	Meridiastra gunnii (Gray, 1840)		
90	Asteroidea	Goniasteridae	Fromia polypora H.L. Clark, 1916		
91	Asteroidea	Goniasteridae	Pentagonaster duebeni Gray, 1847		
92	Asteroidea	Goniasteridae	Tosia australis Gray, 1840		
93	Asteroidea	Oreasteridae	Anthaster valvulatus (Troschel & Muller, 1843)		
94	Aves	Acanthizidae	Acanthiza apicalis Gould, 1847	native	

95	Aves	Acanthizidae	Acanthiza chrysorrhoa (Quoy & Gaimard, 1830)	native	
96	Aves	Acanthizidae	Acanthiza inornata Gould, 1841	native	
97	Aves	Acanthizidae	Gerygone fusca (Gould, 1838)	native	
98	Aves	Acanthizidae	Gerygone fusca fusca (Gould, 1838)	native	
99	Aves	Acanthizidae	Sericornis frontalis (Vigors & Horsfield, 1827)	native	
100	Aves	Acanthizidae	Sericornis frontalis maculatus Gould, 1847 *(White-browed Scrubwren)*	native	
101	Aves	Acanthizidae	Smicrornis brevirostris (Gould, 1838)	native	
102	Aves	Accipitridae	Aquila audax (Latham, 1802)	native	
103	Aves	Accipitridae	Circus approximans Peale, 1848	native	
104	Aves	Accipitridae	Circus assimilis Jardine & Selby, 1828	native	
105	Aves	Accipitridae	Elanus axillaris (Latham, 1802)		
106	Aves	Accipitridae	Haliaeetus leucogaster (Gmelin, 1788)	native	
107	Aves	Accipitridae	Haliastur sphenurus (Vieillot, 1818)	native	
108	Aves	Accipitridae	Hieraaetus morphnoides (Gould, 1841)	native	
109	Aves	Accipitridae	Lophoictinia isura (Gould, 1838)		
110	Aves	Accipitridae	Pandion haliaetus (Linnaeus, 1758)	native	MI
111	Aves	Accipitridae	Tachyspiza cirrocephala (Vieillot, 1817)	native	
112	Aves	Accipitridae	Tachyspiza fasciata Vigors & Horsfield, 1827	native	
113	Aves	Acrocephalidae	Acrocephalus australis (Gould, 1838)	native	
114	Aves	Alcedinidae	Dacelo novaeguineae (Hermann, 1783)	alien	
115	Aves	Alcedinidae	Todiramphus sanctus (Vigors & Horsfield, 1827)	native	
116	Aves	Anatidae	Anas castanea (Eyton, 1838)	native	
117	Aves	Anatidae	Anas gracilis Buller, 1869	native	
118	Aves	Anatidae	Anas superciliosa Gmelin, 1789	native	
119	Aves	Anatidae	Aythya australis (Eyton, 1838)	native	
120	Aves	Anatidae	Biziura lobata (Shaw, 1796)	native	
121	Aves	Anatidae	Chenonetta jubata (Latham, 1802)	native	
122	Aves	Anatidae	Cygnus atratus (Latham, 1790)	native	
123	Aves	Anatidae	Malacorhynchus membranaceus (Latham, 1802)	native	
124	Aves	Anatidae	Oxyura australis Gould, 1836	native	P4
125	Aves	Anatidae	Spatula rhynchotis (Latham, 1802)		
126	Aves	Anatidae	Stictonetta naevosa (Gould, 1841)	native	
127	Aves	Anatidae	Tadorna tadornoides (Jardine & Selby, 1828)	native	
128	Aves	Anhingidae	Anhinga novaehollandiae (Gould, 1847)	native	
129	Aves	Ardeidae	Ardea alba Linnaeus, 1758	native	
130	Aves	Ardeidae	Ardea pacifica Latham, 1802	native	
131	Aves	Ardeidae	Botaurus flavicollis australis (Lesson, 1831) *(Black Bittern (southwest subpop.))*	native	P2
132	Aves	Ardeidae	Botaurus poiciloptilus (Wagler, 1827)	native	EN
133	Aves	Ardeidae	Egretta novaehollandiae (Latham, 1790)		
134	Aves	Ardeidae	Nycticorax caledonicus (Gmelin, 1789)	native	
135	Aves	Artamidae	Artamus cinereus Vieillot, 1817	native	
136	Aves	Artamidae	Artamus cyanopterus (Latham, 1802)	native	
137	Aves	Artamidae	Cracticus torquatus (Latham, 1802)	native	
138	Aves	Artamidae	Gymnorhina tibicen (Latham, 1802)		
139	Aves	Cacatuidae	Calyptorhynchus banksii (Latham, 1790)	native	
140	Aves	Cacatuidae	Calyptorhynchus banksii naso Gould, 1837 *(Forest Red-tailed Black Cockatoo)*	native	VU
141	Aves	Cacatuidae	Eolophus roseicapilla (Vieillot, 1817)		
142	Aves	Cacatuidae	Zanda Mathews, 1913		Parent of conservation listed taxa
143	Aves	Cacatuidae	Zanda baudinii Lear, 1832	native	EN
144	Aves	Cacatuidae	Zanda latirostris Carnaby, 1948	native	EN
145	Aves	Campephagidae	Coracina novaehollandiae (Gmelin, 1789)	native	

146	Aves	Campephagidae	Lalage tricolor (Swainson, 1825)	native	
147	Aves	Charadriidae	Anarhynchus leschenaultii (Lesson, 1826)		VU
148	Aves	Charadriidae	Anarhynchus ruficapillus (Temminck, 1822)	native	
149	Aves	Charadriidae	Charadrius cucullatus Vieillot, 1818	native	P4
150	Aves	Charadriidae	Charadrius melanops Vieillot, 1818	native	
151	Aves	Charadriidae	Pluvialis fulva (Gmelin, 1789)	native	MI
152	Aves	Charadriidae	Pluvialis squatarola (Linnaeus, 1758)	native	MI
153	Aves	Charadriidae	Vanellus tricolor (Vieillot, 1818)	native	
154	Aves	Columbidae	Columba livia Gmelin, 1789	alien	
155	Aves	Columbidae	Ocyphaps lophotes (Temminck, 1822)	native	
156	Aves	Columbidae	Phaps chalcoptera (Latham, 1790)	native	
157	Aves	Columbidae	Spilopelia senegalensis (Linnaeus, 1766)		
158	Aves	Corvidae	Corvus coronoides Vigors & Horsfield, 1827	native	
159	Aves	Cracticidae	Strepera versicolor (Latham, 1802)	native	
160	Aves	Cuculidae	Cacomantis flabelliformis (Latham, 1802)	native	
161	Aves	Cuculidae	Chalcites basalis (Horsfield, 1821)		
162	Aves	Cuculidae	Chalcites lucidus (Gmelin & JF, 1788)		
163	Aves	Cuculidae	Chalcites lucidus plagosus (Latham, 1802)		
164	Aves	Cuculidae	Heteroscenes pallidus (Latham, 1802)		
165	Aves	Dicaeidae	Dicaeum hirundinaceum (Shaw, 1792)	native	
166	Aves	Diomedeidae	Diomedea exulans Linnaeus, 1758 *(Wandering Albatross)*	native	VU
167	Aves	Diomedeidae	Thalassarche carteri (Rothschild, 1903) *(Indian Yellow-nosed Albatross)*	native	EN
168	Aves	Falconidae	Falco berigora Vigors & Horsfield, 1827	native	
169	Aves	Falconidae	Falco cenchroides Vigors & Horsfield, 1827	native	
170	Aves	Falconidae	Falco longipennis Swainson, 1837	native	
171	Aves	Falconidae	Falco peregrinus Tunstall, 1771	native	OS
172	Aves	Hirundinidae	Hirundo neoxena	native	
173	Aves	Hirundinidae	Petrochelidon nigricans (Vieillot, 1817)	native	
174	Aves	Laridae	Chroicocephalus novaehollandiae Stephens, 1826		
175	Aves	Laridae	Hydroprogne caspia (Pallas, 1770)	native	MI
176	Aves	Laridae	Larus pacificus Latham, 1802	native	
177	Aves	Laridae	Thalasseus bergii (Lichtenstein, 1823) *(Crested Tern)*	native	MI
178	Aves	Locustellidae Bonaparte, 1854	Cincloramphus mathewsi Iredale, 1911 *(Rufous Songlark)*	native	
179	Aves	Locustellidae Bonaparte, 1854	Poodytes gramineus (Gould, 1845)		
180	Aves	Maluridae	Malurus splendens (Quoy & Gaimard, 1830)	native	
181	Aves	Maluridae	Stipiturus malachurus (Shaw, 1789)	native	
182	Aves	Meliphagidae	Acanthorhynchus superciliosus Gould, 1837	native	
183	Aves	Meliphagidae	Anthochaera carunculata (Shaw, 1790) *(Red Wattlebird)*	native	
184	Aves	Meliphagidae	Epthianura albifrons (Jardine & Selby, 1828) *(White-fronted Chat)*	native	
185	Aves	Meliphagidae	Gavicalis virescens (Vieillot, 1817) *(Singing Honeyeater)*	native	
186	Aves	Meliphagidae	Gliciphila melanops (Latham, 1802) *(Tawny-crowned honeyeater)*	native	
187	Aves	Meliphagidae	Lichmera indistincta (Vigors & Horsfield, 1827)	native	
188	Aves	Meliphagidae	Melithreptus lunatus (Vieillot, 1802)	mixed	
189	Aves	Meliphagidae	Phylidonyris niger (Bechstein, 1811)	native	
190	Aves	Meliphagidae	Phylidonyris novaehollandiae (Latham, 1790) *(New Holland Honeyeater)*	native	
191	Aves	Meropidae	Merops ornatus Latham, 1802	native	
192	Aves	Monarchidae Bonaparte, 1854	Grallina cyanoleuca	native	
193	Aves	Monarchidae Bonaparte, 1854	Myiagra inquieta (Latham, 1802)	native	
194	Aves	Motacillidae	Anthus novaeseelandiae (J.F.Gmelin, 1789)	alien	
195	Aves	Motacillidae	Anthus novaeseelandiae novaeseelandiae (J.F.Gmelin, 1789)	uncertain	

196	Aves	Neosittidae	Daphoenositta chrysoptera (Latham, 1802)	native	
197	Aves	Pachycephalidae	Colluricincla harmonica (Latham, 1802)	native	
198	Aves	Pachycephalidae	Pachycephala occidentalis Ramsay, 1878	native	
199	Aves	Pachycephalidae	Pachycephala rufiventris (Latham, 1802)	native	
200	Aves	Pardalotidae	Pardalotus punctatus (Shaw, 1792)	native	
201	Aves	Pardalotidae	Pardalotus striatus (Gmelin, 1789)	native	
202	Aves	Pelecanidae	Pelecanus conspicillatus Temminck, 1824	native	
203	Aves	Petroicidae Mathews, 1920	Eopsaltria griseogularis Gould, 1838		
204	Aves	Petroicidae Mathews, 1920	Melanodryas cucullata (Latham, 1802) *(Hooded Robin)*	native	
205	Aves	Petroicidae Mathews, 1920	Microeca fascinans (Latham, 1802)	native	
206	Aves	Petroicidae Mathews, 1920	Petroica boodang (Lesson, 1838)	native	
207	Aves	Petroicidae Mathews, 1920	Quoyornis georgianus (Quoy & Gaimard, 1830)		
208	Aves	Phalacrocoracidae	Microcarbo melanoleucos (Vieillot, 1817)		
209	Aves	Phalacrocoracidae	Phalacrocorax carbo (Linnaeus, 1758)	native	
210	Aves	Phalacrocoracidae	Phalacrocorax sulcirostris (von Brandt, 1837)	native	
211	Aves	Phalacrocoracidae	Phalacrocorax varius (Gmelin, 1789)	native	
212	Aves	Podargidae	Podargus strigoides (Latham, 1802)	native	
213	Aves	Podicipedidae	Poliocephalus poliocephalus (Jardine & Selby, 1827)	native	
214	Aves	Podicipedidae	Tachybaptus novaehollandiae (Stephens, 1826)	native	
215	Aves	Procellariidae	Macronectes giganteus (Gmelin, 1789)	native	MI
216	Aves	Procellariidae	Pachyptila belcheri (Mathews, 1912)	native	
217	Aves	Procellariidae	Pachyptila desolata (Gmelin, 1789)	native	
218	Aves	Procellariidae	Pachyptila vittata (G. Forster, 1777)	native	
219	Aves	Procellariidae	Pterodroma lessonii (Garnot, 1826)	native	
220	Aves	Psittacidae	Neophema elegans (Gould, 1837)	native	
221	Aves	Psittaculidae	Barnardius zonarius (Shaw, 1805)		
222	Aves	Psittaculidae	Barnardius zonarius semitorquatus (Quoy & Gaimard, 1830)		
223	Aves	Psittaculidae	Parvipsitta porphyrocephala (Dietrichsen, 1837)	native	
224	Aves	Psittaculidae	Platycercus icterotis (Temminck & Kuhl, 1820)	native	
225	Aves	Psittaculidae	Polytelis anthopeplus (Lear, 1831)	native	
226	Aves	Psittaculidae	Purpureicephalus spurius (Kuhl, 1820)		
227	Aves	Rallidae	Fulica atra Linnaeus, 1758	native	
228	Aves	Rallidae	Gallinula tenebrosa Gould, 1846	native	
229	Aves	Rallidae	Hypotaenidia philippensis (Linnaeus, 1766)		
230	Aves	Rallidae	Porphyrio porphyrio (Linnaeus, 1758)	native	
231	Aves	Rallidae	Porzana fluminea Gould, 1843	native	
232	Aves	Rallidae	Zapornia pusilla		
233	Aves	Rallidae	Zapornia tabuensis		
234	Aves	Recurvirostridae	Cladorhynchus leucocephalus (Vieillot, 1816)	native	
235	Aves	Recurvirostridae	Himantopus leucocephalus Gould, 1837		
236	Aves	Recurvirostridae	Recurvirostra novaehollandiae Vieillot, 1816	native	
237	Aves	Rhipiduridae	Rhipidura albiscapa	native	
238	Aves	Rhipiduridae	Rhipidura leucophrys	native	
239	Aves	Scolopacidae	Actitis hypoleucos (Linnaeus, 1758)	native	MI
240	Aves	Scolopacidae	Calidris acuminata (Horsfield, 1821) *(Sharp-tailed Sandpiper)*	native	MI
241	Aves	Scolopacidae	Calidris ferruginea (Pontoppidan, 1763) *(Curlew Sandpiper)*	native	CR
242	Aves	Scolopacidae	Calidris melanotos	native	MI
243	Aves	Scolopacidae	Calidris ruficollis (Pallas, 1776)	native	MI
244	Aves	Scolopacidae	Calidris subminuta (Middendorff, 1853)	native	MI
245	Aves	Scolopacidae	Calidris tenuirostris (Horsfield, 1821)	native	CR
246	Aves	Scolopacidae	Limosa lapponica (Linnaeus, 1758)	native	MI
247	Aves	Scolopacidae	Limosa limosa (Linnaeus, 1758)	native	MI
			Numenius madagascariensis (Linnaeus, 1766) *(Eastern*		

248	Aves	Scolopacidae	*Curlew)*	native	CR
249	Aves	Scolopacidae	Tringa glareola	native	MI
250	Aves	Scolopacidae	Tringa nebularia (Gunnerus, 1767)	native	MI
251	Aves	Scolopacidae	Tringa stagnatilis (Bechstein, 1803)	native	MI
252	Aves	Strigidae	Ninox boobook (Latham, 1801)	native	
253	Aves	Threskiornithidae	Platalea flavipes Gould, 1838	native	
254	Aves	Threskiornithidae	Plegadis falcinellus (Linnaeus, 1766)	native	MI
255	Aves	Threskiornithidae	Threskiornis moluccus (Cuvier, 1829)	native	
256	Aves	Threskiornithidae	Threskiornis spinicollis (Jameson, 1835)	native	
257	Aves	Turnicidae	Turnix varius (Latham, 1802) *(Painted Button-quail)*	native	
258	Aves	Tytonidae	Tyto alba	native	
259	Aves	Tytonidae	Tyto novaehollandiae (Stephens, 1826)	native	Parent of conservation listed taxa
260	Aves	Tytonidae	Tyto novaehollandiae novaehollandiae (Stephens, 1826)	native	P3
261	Aves	Zosteropidae	Zosterops lateralis (Latham, 1802)	native	
262	Bivalvia	Carditidae Férussac, 1822	Cardita aviculina Lamarck, 1819		
263	Bivalvia	Carditidae Férussac, 1822	Cardita crassicosta Lamarck, 1819		
264	Bivalvia	Hyriidae	Hyriidae		
265	Bivalvia	Hyriidae	Westralunio carteri Iredale, 1934 *(Carter's Freshwater Mussel)*	native	VU
266	Bivalvia	Lucinidae	Pseudolucinisca wami Glover & Taylor, 2008		
267	Cephalaspidomorphi	Geotriidae	Geotria australis Gray, 1851 *(Pouched Lamprey)*	native	P3
268	Cephalopoda	Loliginidae Lesueur, 1821	Sepioteuthis Blainville, 1824		
269	Chilopoda Latreille, 1817	Chilenophilidae	Chilenophilidae		
270	Chilopoda Latreille, 1817	Henicopidae	Henicops dentatus Pocock, 1901		
271	Chilopoda Latreille, 1817	Mecistocephalidae	Mecistocephalidae		
272	Clitellata	None	Oligochaeta Grube, 1850		
273	Demospongiae	Tethyidae Gray, 1848	Tethya ingalli Bowerbank, 1859		
274	Gastropoda	Anabathridae	Badepigrus protractus (Hedley, 1904)		
275	Gastropoda	Bothriembryontidae Iredale, 1937	Bothriembryon Pilsbry, 1894		
276	Gastropoda	Bothriembryontidae Iredale, 1937	Bothriembryon irvineanus Iredale, 1939	native	P2
277	Gastropoda	Bullidae Gray, 1827	Bulla quoyii Gray & Dieffenbach, 1843		
278	Gastropoda	Campanilidae	Campanile symbolicum Iredale, 1917		
279	Gastropoda	Cassidae Latreille, 1825	Cassis fimbriata Quoy & Gaimard, 1833		
280	Gastropoda	Chilodontaidae Wenz, 1938	Granata imbricata (Lamarck, 1816)		
281	Gastropoda	Chilodontaidae Wenz, 1938	Herpetopoma aspersum (R. A. Philippi, 1846)		
282	Gastropoda	Chilodontaidae Wenz, 1938	Herpetopoma hamiltoni (Kirk, 1882)		
283	Gastropoda	Chilodontaidae Wenz, 1938	Herpetopoma pumilio (Tate, 1893)		
284	Gastropoda	Cingulopsidae Fretter & Patil, 1958	Pseudopisinna gregaria gregaria (Laseron, 1950)		
285	Gastropoda	Columbellidae Swainson, 1840	Mitrella austrina (Gaskoin, 1852)		
286	Gastropoda	Columbellidae Swainson, 1840	Mitrella lincolnensis (Reeve, 1859)		
287	Gastropoda	Conidae Fleming, 1822	Conus anemone Lamarck, 1810		
288	Gastropoda	Costellariidae MacDonald, 1860	Pusia hansenae (Cernohorsky, 1973)		
289	Gastropoda	Costellariidae MacDonald, 1860	Pusia marrowi (Cernohorsky, 1973)		
290	Gastropoda	Costellariidae MacDonald, 1860	Vexillum malleopunctum Cernohorsky, 1981		
291	Gastropoda	Cypraeidae Rafinesque, 1815	Zoila friendii friendii (Gray, 1831)		
292	Gastropoda	Cypraeidae Rafinesque, 1815	Zoila venusta (Sowerby, 1847)		
293	Gastropoda	Cypraeidae Rafinesque, 1815	Zoila venusta episema Iredale, 1939		

294	Gastropoda	Eatoniellidae Ponder, 1965	Crassitoniella erratica erratica (May, 1913)		
295	Gastropoda	Fasciolariidae Gray, 1853	Microcolus dunkeri (Jonas, 1846)		
296	Gastropoda	Fissurellidae Fleming, 1822	Montfortia subemarginata (Blainville, 1819)		
297	Gastropoda	Geomitridae	Cochlicella barbara (Linnaeus, 1758)		
298	Gastropoda	Haliotidae Rafinesque, 1815	Haliotis scalaris scalaris (Leach, 1814)		
299	Gastropoda	Helicidae Rafinesque, 1815	Cantareus apertus (Born, 1778)		
300	Gastropoda	Helicidae Rafinesque, 1815	Theba pisana (Müller, 1774)		
301	Gastropoda	Liotiidae Gray, 1850	Austroliotia australis (Kiener, 1839)		
302	Gastropoda	Lymnaeidae	Bullastra vinosa (A. Adams & Angas, 1864)		
303	Gastropoda	Marginellidae	Hydroginella columnaria (Hedley & May, 1908)		
304	Gastropoda	Muricidae Rafinesque, 1815	Dicathais orbita (Gmelin, 1791)		
305	Gastropoda	Muricidae Rafinesque, 1815	Murexsul planiliratus (Reeve, 1845)		
306	Gastropoda	Muricidae Rafinesque, 1815	Pterochelus undosus (Vokes, 1993)		
307	Gastropoda	Naticidae Guilding, 1834	Conuber conicus (Lamarck, 1822)		
308	Gastropoda	Naticidae Guilding, 1834	Mammilla sebae (Récluz, 1844)		
309	Gastropoda	Naticidae Guilding, 1834	Naticarius colliei (Récluz, 1844)		
310	Gastropoda	Newtoniellidae Korobkov, 1955	Ataxocerithium serotinum (Adams, 1855)		
311	Gastropoda	Olividae Latreille, 1825	Oliva australis Duclos, 1835		
312	Gastropoda	Phasianellidae Swainson, 1840	Tricolia fordiana (Pilsbry, 1888)		
313	Gastropoda	Phyllidiidae Rafinesque, 1814	Phyllidiella pustulosa (Cuvier, 1804)		
314	Gastropoda	Pisaniidae Gray, 1857	Pollia bednalli (Sowerby, 1895)		
315	Gastropoda	Planorbidae Rafinesque, 1815	Ancylinae Rafinesque, 1815		
316	Gastropoda	Planorbidae Rafinesque, 1815	Planorbidae Rafinesque, 1815		
317	Gastropoda	Rissoellidae Gray, 1850	Rissoella atrimacula Ponder & Yoo, 1977		
318	Gastropoda	Rissoidae Gray, 1847	Alvania novarensis Frauenfeld, 1867		
319	Gastropoda	Rissoinidae W. Stimpson, 1865	Rissoina crassa Angas, 1871		
320	Gastropoda	Rissoinidae W. Stimpson, 1865	Rissoina nivea A. Adams, 1853		
321	Gastropoda	Tateidae	Ascorhis occidua Ponder & Clark, 1988		
322	Gastropoda	Tornatinidae Fischer, 1883	Acteocina apicina (A. Gould, 1859)		
323	Gastropoda	Triphoridae J. E. Gray, 1847	Bouchetriphora pallida (Pease, 1870)		
324	Gastropoda	Triphoridae J. E. Gray, 1847	Hedleytriphora basimacula Marshall, 1983		
325	Gastropoda	Trochidae Rafinesque, 1815	Botelloides chrysalidus kendricki Ponder, 1985		
326	Gastropoda	Trochidae Rafinesque, 1815	Cantharidus lepidus (Philippi, 1849)		
327	Gastropoda	Turbinidae	Turbo gruneri Philippi, 1846		
328	Holothuroidea de Blainville, 1834	Cucumariidae Ludwig, 1894	Neoamphicyclus altoffi O'Loughlin, 2007		
329	Holothuroidea de Blainville, 1834	Cucumariidae Ludwig, 1894	Psolidiella maculosa O'Loughlin, 2000		
330	Insecta	Acanthosomatidae	Elasmostethus nigropunctatus (Reuter, 1881)		
331	Insecta	Aeshnidae	Aeshnidae		
332	Insecta	Argiolestidae	Archiargiolestes pusillus (Tillyard, 1908)		
333	Insecta	Baetidae	Baetidae		
334	Insecta	Bombyliidae Latreille, 1802	Pseudopenthes fenestrata Roberts, 1928		
335	Insecta	Buprestidae Leach, 1815	Castiarina anchoralis (Gory & Laporte, 1838)		
336	Insecta	Buprestidae Leach, 1815	Castiarina pallidiventris (Gory & Laporte, 1838)		
337	Insecta	Buprestidae Leach, 1815	Melobasis Laporte & Gory, 1837		
338	Insecta	Caenidae	Caenidae		
339	Insecta	Carabidae Latreille, 1802	Mecyclothorax (Mecyclothorax) punctipennis (Macleay, 1871)		
340	Insecta	Castniidae	Synemon directa Westwood, 1877		
341	Insecta	Ceratopogonidae Newman, 1834	Ceratopogonidae Newman, 1834		
342	Insecta	Chironomidae Newman, 1834	Chironominae		
343	Insecta	Chironomidae Newman, 1834	Orthocladiinae		
344	Insecta	Chironomidae Newman, 1834	Tanypodinae		
345	Insecta	Chrysomelidae	Chrysomelidae		

346	Insecta	Cicadellidae Latreille, 1825	Neotartessus parvus (Evans, 1966)		
347	Insecta	Cicadellidae Latreille, 1825	Paradorydium viridis (Evans, 1937)		
348	Insecta	Coccinellidae	Coccinella transversalis Fabricius, 1781		
349	Insecta	Coenagrionidae	Coenagrionidae		
350	Insecta	Colletidae	Dasyhesma robusta Michener, 1965		
351	Insecta	Colletidae	Glossurocolletes xenoceratus (Michener, 1965)		
352	Insecta	Colletidae	Hylaeus (Euprosopis) elegans (Smith, 1853)		
353	Insecta	Colletidae	Hylaeus (Euprosopis) violaceus (Smith, 1853)		
354	Insecta	Colletidae	Hylaeus (Euprosopoides) ruficeps (Smith, 1853)		
355	Insecta	Colletidae	Hylaeus (Euprosopoides) ruficeps kalamundae (Cockerell, 1915)		
356	Insecta	Colletidae	Hylaeus (Gnathoprosopis) amiculus (Smith, 1879)		
357	Insecta	Colletidae	Hylaeus (Prosopisteron) perhumilis (Cockerell, 1914)		
358	Insecta	Conopidae Latreille, 1802	Atrichoparia curticornis (Kröber, 1940)		
359	Insecta	Corduliidae	Corduliidae		
360	Insecta	Coreidae	Mictis profana (Fabricius, 1803)		
361	Insecta	Corixidae	Corixidae		
362	Insecta	Culicidae Meigen, 1818	Culicidae Meigen, 1818		
363	Insecta	Dytiscidae	Dytiscidae		
364	Insecta	Dytiscidae	Necterosoma penicillatum (Clark, 1862)		
365	Insecta	Dytiscidae	Spencerhydrus latecinctus Sharp, 1882		
366	Insecta	Dytiscidae	Sternopriscus browni Sharp, 1882		
367	Insecta	Ecnomidae	Ecnomidae		
368	Insecta	Formicidae Latreille, 1809	Amblyopone clarki Wheeler, 1927		
369	Insecta	Gelastocoridae	Gelastocoridae		
370	Insecta	Gomphidae	Gomphidae		
371	Insecta	Gripopterygidae	Gripopterygidae		
372	Insecta	Gyrinidae	Gyrinidae		
373	Insecta	Hesperiidae Latreille, 1809	Taractrocera papyria agraulia (Hewitson, 1868)		
374	Insecta	Hesperiidae Latreille, 1809	Trapezites argenteoornatus (Hewitson, 1868)		
375	Insecta	Hydraenidae	Hydraenidae		
376	Insecta	Hydrobiosidae	Hydrobiosidae		
377	Insecta	Hydrophilidae Latreille, 1802	Hydrophilidae Latreille, 1802		
378	Insecta	Hydrophilidae Latreille, 1802	Hydrophilus (Hydrophilus) albipes Castelnau, 1840		
379	Insecta	Hydrophilidae Latreille, 1802	Paracymus pygmaeus (W. J. Macleay, 1871)		
380	Insecta	Hydroptilidae	Hydroptilidae		
381	Insecta	Leptoceridae	Leptoceridae		
382	Insecta	Leptophlebiidae	Leptophlebiidae		
383	Insecta	Lestidae	Lestidae		
384	Insecta	Libellulidae	Libellulidae		
385	Insecta	Megachilidae	Megachile (Chalicodomoides) aethiops (Smith, 1853)		
386	Insecta	Megachilidae	Megachile (Eutricharaea) chrysopyga Smith, 1853		
387	Insecta	Megachilidae	Megachile (Hackeriapis) tosticauda Cockerell, 1912		
388	Insecta	Megachilidae	Megachile erythropyga Smith, 1853		
389	Insecta	Megapodagrionidae	Megapodagrionidae		
390	Insecta	Notonectidae	Notonectidae		
391	Insecta	Nymphalidae Rafinesque, 1815	Geitoneura klugii (Guérin-Méneville, 1830)		
392	Insecta	Nymphalidae Rafinesque, 1815	Geitoneura minyas (Waterhouse & Lyell, 1914)		
393	Insecta	Pentatomidae	Anaxilaus vesiculosus (Herrich-Schaeffer, 1840)		
394	Insecta	Pentatomidae	Dictyotus roei (Westwood, 1837)		
395	Insecta	Pentatomidae	Kalkadoona enchylaenae Gross, 1976		
396	Insecta	Pentatomidae	Oechalia schellenbergii (Guérin, 1831)		
397	Insecta	Pieridae	Pieris rapae rapae (Linnaeus, 1758)		
398	Insecta	Protoneuridae	Protoneuridae sp.		

399	Insecta	Rhinotermitidae	Heterotermes platycephalus Froggatt, 1897		
400	Insecta	Rhyparochromidae	Udeocoris Bergroth, 1918		
401	Insecta	Simuliidae Newman, 1834	Simuliidae Newman, 1834		
402	Insecta	Syrphidae Latreille, 1802	Eristalinus (Lathyrophthalmus) punctulatus (Macquart, 1847)		
403	Insecta	Syrphidae Latreille, 1802	Melangyna collatus (Walker, 1852)		
404	Insecta	Syrphidae Latreille, 1802	Psilota coerulea Macquart, 1846		
405	Insecta	Tabanidae	Tabanidae		
406	Insecta	Termitidae	Amitermes conformis Gay, 1968		
407	Insecta	Termitidae	Hesperotermes infrequens (Hill, 1927)		
408	Insecta	Termitidae	Occasitermes occasus (Silvestri, 1909)		
409	Insecta	Termitidae	Xylochomitermes occidualis (Gay, 1971)		
410	Insecta	Tettigoniidae	Metaballus litus Rentz, 1985		
411	Insecta	Tipulidae Latreille, 1802	Tipulidae Latreille, 1802		
412	Malacostraca	Armadillidae Brandt, 1831	Buddelundia Michaelsen, 1912		
413	Malacostraca	Ceinidae J. L. Barnard, None	Ceinidae J. L. Barnard, None		
414	Malacostraca	Palaemonidae Rafinesque, 1815	Palaemonidae Rafinesque, 1815		
415	Malacostraca	Parastacidae	Cherax destructor Clark, 1936		
416	Malacostraca	Parastacidae	Cherax preissii (Erichson, 1846)		
417	Malacostraca	Parastacidae	Cherax quinquecarinatus (Gray, 1845)		
418	Malacostraca	Parastacidae	Cherax tenuimanus Smith, 2002	native	CR
419	Malacostraca	Parastacidae	Parastacidae		
420	Malacostraca	Perthiidae	Perthiidae		
421	Mammalia	Balaenidae	Eubalaena australis (Desmoulins, 1822) *(Southern Right Whale)*	native	VU
422	Mammalia	Balaenopteridae	Megaptera novaeangliae Borowski, 1781 *(Humpback Whale)*	native	CD, MI
423	Mammalia	Dasyuridae	Dasyurus geoffroii Gould, 1841	native	VU
424	Mammalia	Dasyuridae	Dasyurus geoffroii fortis Thomas, 1906	native	Cons code inherited from parent
425	Mammalia	Dasyuridae	Phascogale tapoatafa (Meyer, 1793)	native	Parent of conservation listed taxa
426	Mammalia	Dasyuridae	Phascogale tapoatafa wambenger Aplin, Rhind, Ten Have & Chesser, 2015	native	CD
427	Mammalia	Macropodidae	Notamacropus irma (Jourdan, 1837) *(Western Brush Wallaby)*	native	P4
428	Mammalia	Macropodidae	Setonix brachyurus (Quoy & Gaimard, 1830) *(Quokka)*	native	VU
429	Mammalia	Muridae	Hydromys chrysogaster Geoffroy, 1804 *(Water-rat)*	native	P4
430	Mammalia	Muridae	Mus musculus	alien	
431	Mammalia	Muridae	Pseudomys occidentalis Tate, 1951	native	P4
432	Mammalia	Muridae	Rattus rattus (Linnaeus, 1758)	alien	
433	Mammalia	Otariidae	Arctocephalus tropicalis (Gray, 1872) *(Subantarctic fur-seal)*	native	VU
434	Mammalia	Otariidae	Neophoca cinerea (Peron, 1816) *(Australian Sea-lion)*	native	EN
435	Mammalia	Peramelidae	Isoodon fusciventer (Gray, 1841) *(Southern Brown Bandicoot)*	native	P4
436	Mammalia	Peramelidae	Isoodon obesulus (Shaw, 1797) *(Southern Brown Bandicoot)*	native	
437	Mammalia	Phalangeridae	Trichosurus vulpecula (Kerr, 1793)	native	
438	Mammalia	Phalangeridae	Trichosurus vulpecula vulpecula (Kerr, 1793)	native	
439	Mammalia	Potoroidae	Bettongia penicillata ogilbyi (Waterhouse, 1841)	native	CR
440	Mammalia	Pseudocheiridae	Pseudocheirus occidentalis (Thomas, 1888)	native	CR
441	Mammalia	Thylacomyidae	Macrotis lagotis (Reid, 1837) *(Bilby)*	native	VU
442	Mammalia	Vespertilionidae	Falsistrellus mackenziei Kitchener, Caputi & Jones, 1986 *(Western False Pipistrelle)*	native	P4

443	Mammalia	Vespertilionidae	Vespadelus regulus (Thomas, 1906) *(Southern Forest Bat)*	native	
444	Mammalia	Ziphiidae	Mesoplodon bowdoini Andrews, 1908	native	
445	Mammalia	Ziphiidae	Mesoplodon grayi Von Haast, 1876	native	
446	Polyplacaphora	Loricidae	Lorica volvox (Reeve, 1847)		
447	Reptilia	Cheloniidae	Caretta caretta Linnaeus, 1758 *(Loggerhead Turtle)*	native	EN
448	Reptilia	Cheloniidae	Chelonia mydas (Linnaeus, 1758) *(Green Turtle)*	native	VU
449	Reptilia	Elapidae	Notechis scutatus (Peters, 1861)	native	
450	Reptilia	Elapidae	Pseudonaja affinis Gunther, 1872	native	
451	Reptilia	Elapidae	Pseudonaja affinis affinis Günther, 1872 *(Dugite)*	native	
452	Reptilia	Gekkonidae	Christinus marmoratus (Gray, 1845) *(Marbled Gecko)*	native	
453	Reptilia	Pygopodidae	Aprasia pulchella Gray, 1839 *(Granite Worm-lizard)*	native	
454	Reptilia	Pygopodidae	Lialis burtonis Gray, 1835 *(Burton's Snake-lizard)*	native	
455	Reptilia	Scincidae	Cryptoblepharus buchananii (Gray, 1838)	native	
456	Reptilia	Scincidae	Cryptoblepharus plagiocephalus	native	
457	Reptilia	Scincidae	Ctenotus impar Storr, 1969	native	
458	Reptilia	Scincidae	Egernia kingii (Gray, 1838) *(King's Skink)*	native	
459	Reptilia	Scincidae	Hemiergis gracilipes (Gray, 1839) *(South-western Mulch-skink)*	native	
460	Reptilia	Scincidae	Hemiergis peronii (Fitzinger, 1826)	native	
461	Reptilia	Scincidae	Hemiergis peronii tridactyla (Boulenger, 1915) *(Four-toed Earless Skink)*	native	
462	Reptilia	Scincidae	Hemiergis quadrilineatus (Dumeril, Shaw & Bibron, 1839)	native	
463	Reptilia	Scincidae	Lerista elegans (Gray, 1845) *(Elegant Slider)*	native	
464	Reptilia	Scincidae	Lerista lineata Bell, 1883 *(Perth Slider)*	native	P3
465	Reptilia	Scincidae	Menetia greyii Gray, 1845	native	
466	Reptilia	Scincidae	Morethia lineoocellata (Dumeril & Bibron, 1839)	native	
467	Reptilia	Scincidae	Tiliqua rugosa (Gray, 1825)	native	
468	Reptilia	Typhlopidae Merrem, 1820	Anilios australis Gray, 1845 *(Southern Blind Snake)*	native	
469	Reptilia	Varanidae	Varanus gouldii (Gray, 1838)	native	
470	Reptilia	Varanidae	Varanus rosenbergi Mertens, 1957	native	
471	Symphyla	None	Cephalostigmata		

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

Disclaimer

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 ±10km from the search area used to generate this species list.

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: 10-Oct-2025

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	1
Great Barrier Reef Marine Park:	None
Commonwealth Marine Area:	None
Listed Threatened Ecological Communities:	3
Listed Threatened Species:	32
Listed Migratory Species:	14

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:	None
Commonwealth Heritage Places:	None
Listed Marine Species:	18
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:	1
Regional Forest Agreements:	None
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

Wetlands of International Importance (Ramsar Wetlands) [Resource Information]

Ramsar Site Name	Proximity
Vasse-wonnerup system	Within 10km of Ramsar site

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
Banksia Woodlands of the Swan Coastal Plain ecological community	Endangered	Community likely to occur within area
Empodisma peatlands of southwestern Australia	Endangered	Community may occur within area
Tuart (Eucalyptus gomphocephala) Woodlands and Forests of the Swan Coastal Plain ecological community	Critically Endangered	Community likely to occur within area

Listed Threatened Species [Resource Information]

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
BIRD		
Botaurus poiciloptilus Australasian Bittern [1001]	Endangered	Species or species habitat likely to occur within area
Calidris acuminata Sharp-tailed Sandpiper [874]	Vulnerable	Species or species habitat known to occur within area
Calidris canutus Red Knot, Knot [855]	Vulnerable	Species or species habitat may occur within area

Scientific Name	Threatened Category	Presence Text
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat likely to occur within area
Calyptorhynchus banksii naso Forest Red-tailed Black-Cockatoo, Karrak [67034]	Vulnerable	Species or species habitat likely to occur within area
Charadrius leschenaultii Greater Sand Plover, Large Sand Plover [877]	Vulnerable	Species or species habitat likely to occur within area
Falco hypoleucos Grey Falcon [929]	Vulnerable	Species or species habitat may occur within area
Limosa lapponica menzbieri Northern Siberian Bar-tailed Godwit, Russkoye Bar-tailed Godwit [86432]	Endangered	Species or species habitat may occur within area
Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat likely to occur within area
Pachyptila turtur subantarctica Fairy Prion (southern) [64445]	Vulnerable	Species or species habitat likely to occur within area
Sternula nereis nereis Australian Fairy Tern [82950]	Vulnerable	Species or species habitat may occur within area
Tringa nebularia Common Greenshank, Greenshank [832]	Endangered	Species or species habitat likely to occur within area
Zanda baudinii listed as Calyptorhynchus baudinii Baudin's Cockatoo, Baudin's Black-Cockatoo, Long-billed Black-cockatoo [87736]	Endangered	Breeding known to occur within area
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
FISH		

Scientific Name	Threatened Category	Presence Text
[Nannatherina balstoni](#) Balston's Pygmy Perch [66698]	Vulnerable	Species or species habitat may occur within area
MAMMAL		
[Dasyurus geoffroii](#) Chuditch, Western Quoll [330]	Vulnerable	Species or species habitat likely to occur within area
[Pseudocheirus occidentalis](#) Western Ringtail Possum, Ngwayir, Womp, Woder, Ngoor, Ngoolangit [25911]	Critically Endangered	Breeding known to occur within area
[Setonix brachyurus](#) Quokka [229]	Vulnerable	Species or species habitat may occur within area
PLANT		
[Banksia squarrosa subsp. argillacea](#) Whicher Range Dryandra [82769]	Vulnerable	Species or species habitat may occur within area
[Brachyscias verecundus](#) Ironstone Brachyscias [81321]	Critically Endangered	Species or species habitat may occur within area
[Caladenia busselliana](#) Bussell's Spider-orchid [24369]	Endangered	Species or species habitat likely to occur within area
[Chamelaucium sp. S coastal plain (R.D.Royce 4872)](#) Royce's Waxflower [87814]	Vulnerable	Species or species habitat may occur within area
[Diuris drummondii](#) Tall Donkey Orchid [4365]	Vulnerable	Species or species habitat likely to occur within area
[Diuris micrantha](#) Dwarf Bee-orchid [55082]	Vulnerable	Species or species habitat may occur within area
[Drakaea micrantha](#) Dwarf Hammer-orchid [56755]	Vulnerable	Species or species habitat may occur within area

Scientific Name	Threatened Category	Presence Text
Gastrolobium papilio		
Butterfly-leaved Gastrolobium [78415]	Endangered	Species or species habitat may occur within area
Lambertia echinata subsp. occidentalis		
Western Prickly Honeysuckle [64528]	Endangered	Species or species habitat may occur within area
Morelotia australiensis listed as Tetraria australiensis		
Southern Tetraria [92784]	Vulnerable	Species or species habitat may occur within area
Petrophile latericola		
Laterite Petrophile [64532]	Endangered	Species or species habitat may occur within area
Synaphea sp. Fairbridge Farm (D.Papenfus 696)		
Selena's Synaphea [82881]	Critically Endangered	Species or species habitat likely to occur within area
Verticordia densiflora var. pedunculata		
Long-stalked Featherflower [55689]	Endangered	Species or species habitat may occur within area
SHARK		
Pristis pristis		
Largetooth Sawfish, Freshwater Sawfish, River Sawfish, Leichhardt's Sawfish, Northern Sawfish [60756]	Endangered	Species or species habitat may occur within area

Listed Migratory Species [Resource Information]

Scientific Name	Threatened Category	Presence Text
Migratory Marine Birds		
Apus pacificus		
Fork-tailed Swift [678]		Species or species habitat likely to occur within area
Ardenna carneipes		
Flesh-footed Shearwater, Fleshy-footed Shearwater [82404]		Species or species habitat likely to occur within area
Migratory Marine Species		
Pristis pristis		
Largetooth Sawfish, Freshwater Sawfish, River Sawfish, Leichhardt's Sawfish, Northern Sawfish [60756]	Endangered	Species or species habitat may occur within area
Migratory Terrestrial Species		

Scientific Name	Threatened Category	Presence Text
[Motacilla cinerea](#) Grey Wagtail [642]		Species or species habitat may occur within area
Migratory Wetlands Species		
[Actitis hypoleucos](#) Common Sandpiper [59309]		Species or species habitat known to occur within area
[Calidris acuminata](#) Sharp-tailed Sandpiper [874]	Vulnerable	Species or species habitat known to occur within area
[Calidris canutus](#) Red Knot, Knot [855]	Vulnerable	Species or species habitat may occur within area
[Calidris ferruginea](#) Curlew Sandpiper [856]	Critically Endangered	Species or species habitat likely to occur within area
[Calidris melanotos](#) Pectoral Sandpiper [858]		Species or species habitat may occur within area
[Charadrius leschenaultii](#) Greater Sand Plover, Large Sand Plover [877]	Vulnerable	Species or species habitat likely to occur within area
[Limosa lapponica](#) Bar-tailed Godwit [844]		Species or species habitat may occur within area
[Numenius madagascariensis](#) Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat likely to occur within area
[Pandion haliaetus](#) Osprey [952]		Species or species habitat known to occur within area
[Tringa nebularia](#) Common Greenshank, Greenshank [832]	Endangered	Species or species habitat likely to occur within area

Other Matters Protected by the EPBC Act

Listed Marine Species		[Resource Information]
Scientific Name	Threatened Category	Presence Text
Bird		
Actitis hypoleucos Common Sandpiper [59309]		Species or species habitat known to occur within area
Apus pacificus Fork-tailed Swift [678]		Species or species habitat likely to occur within area overfly marine area
Ardenna carneipes as Puffinus carneipes Flesh-footed Shearwater, Fleshy-footed Shearwater [82404]		Species or species habitat likely to occur within area
Bubulcus ibis as Ardea ibis Cattle Egret [66521]		Species or species habitat may occur within area overfly marine area
Calidris acuminata Sharp-tailed Sandpiper [874]	Vulnerable	Species or species habitat known to occur within area
Calidris canutus Red Knot, Knot [855]	Vulnerable	Species or species habitat may occur within area overfly marine area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat likely to occur within area overfly marine area
Calidris melanotos Pectoral Sandpiper [858]		Species or species habitat may occur within area overfly marine area
Charadrius leschenaultii Greater Sand Plover, Large Sand Plover [877]	Vulnerable	Species or species habitat likely to occur within area

Scientific Name	Threatened Category	Presence Text
Haliaeetus leucogaster White-bellied Sea-Eagle [943]		Species or species habitat likely to occur within area
Limosa lapponica Bar-tailed Godwit [844]		Species or species habitat may occur within area
Merops ornatus Rainbow Bee-eater [670]		Species or species habitat may occur within area overfly marine area
Motacilla cinerea Grey Wagtail [642]		Species or species habitat may occur within area overfly marine area
Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat likely to occur within area
Pachyptila turtur Fairy Prion [1066]		Species or species habitat likely to occur within area
Pandion haliaetus Osprey [952]		Species or species habitat known to occur within area
Thinornis cucullatus as Thinornis rubricollis Hooded Plover, Hooded Dotterel [87735]		Species or species habitat may occur within area overfly marine area
Tringa nebularia Common Greenshank, Greenshank [832]	Endangered	Species or species habitat likely to occur within area overfly marine area

Extra Information

State and Territory Reserves [Resource Information]

Protected Area Name	Reserve Type	State
Tuart Forest	National Park	WA

EPBC Act Referrals [Resource Information]

Title of referral	Reference	Referral Outcome	Assessment Status
Controlled action			
Yarragadee Water Supply Development	2005/2073	Controlled Action	Completed
Not controlled action			
Improving rabbit biocontrol: releasing another strain of RHDV, sthrn two thirds of Australia	2015/7522	Not Controlled Action	Completed
INDIGO Central Submarine Telecommunications Cable	2017/8127	Not Controlled Action	Completed
larvaciding of potential mosquito breeding wetlands	2006/2601	Not Controlled Action	Completed
Not controlled action (particular manner)			
INDIGO Marine Cable Route Survey (INDIGO)	2017/7996	Not Controlled Action (Particular Manner)	Post-Approval
Widening of Ludlow North Road Between Peppermint Grove Road and Mallokup Road	2009/5242	Not Controlled Action (Particular Manner)	Post-Approval

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 is 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 on the contents of this report.

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 point locations and environmental data layers.

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 when time permits.

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 breeding sites; and
- 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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APPENDIX C

DETAILS - HABITAT TREES

Habitat Trees (DBH >50cm)

Entrance Size Ranges - Small = >5cm, Medium = 5 to 10cm, Large = >10cm

Waypoint Number	Area	Datum	Zone	mE	mN	Tree Species	DBH (cm)	Tree Height (m)	Number of Hollows	Estimated Hollow Entrance Size	Occupancy	Chew Marks	Potential Cockatoo Nest Hollow	Comments
wpt001	Survey Area	GDA 2020	50H	364012	6289400	Non-Endemic Eucalypt	>50	15-20	0					
wpt002	Stage 1	GDA 2020	50H	363969	6289423	Tuart	>50	20+	0					
wpt003	Stage 1	GDA 2020	50H	363969	6289358	Tuart	>50	20+	0					
wpt004	Stage 1	GDA 2020	50H	363956	6289358	Tuart	>50	20+	0					
wpt005	Stage 1	GDA 2020	50H	363946	6289396	Tuart	>50	20+	0					
wpt006	Stage 1	GDA 2020	50H	363941	6289452	Tuart	>50	15-20	0					
wpt007	Stage 1	GDA 2020	50H	363914	6289436	Tuart	>50	15-20	0					
wpt008	Stage 1	GDA 2020	50H	363703	6289208	Tuart	>50	15-20	2+	Small & Medium	No signs	No signs	No	
wpt009	Stage 1	GDA 2020	50H	363803	6289136	Tuart	>50	20+	0					
wpt010	Survey Area	GDA 2020	50H	363782	6289075	Tuart	>50	10-15	0					
wpt011	Survey Area	GDA 2020	50H	363780	6289066	Tuart	>50	10-15	1	Large	No signs	No signs	No	Too low/shallow
wpt012	Survey Area	GDA 2020	50H	363767	6289045	Tuart	>50	15-20	0					
wpt013	Survey Area	GDA 2020	50H	363760	6289044	Tuart	>50	20+	0					
wpt014	Survey Area	GDA 2020	50H	363757	6289044	Tuart	>50	20+	0					
wpt015	Survey Area	GDA 2020	50H	363757	6289047	Tuart	>50	20+	0					
wpt016	Survey Area	GDA 2020	50H	363760	6289024	Tuart	>50	15-20	2+	Large	No signs	No signs	No	Chimney/Side Entry - too shallow/small internally
wpt017	Stage 1	GDA 2020	50H	363709	6289088	Tuart	>50	15-20	1	Large	No signs	No signs	No	Too low/shallow
wpt018	Stage 1	GDA 2020	50H	363701	6289095	Tuart	>50	20+	2+	Small & Medium	Bees	No signs	No	
wpt019	Stage 2	GDA 2020	50H	363694	6289083	Tuart	>50	20+	0					
wpt020	Stage 2	GDA 2020	50H	363695	6289076	Tuart	>50	15-20	0					
wpt021	Stage 2	GDA 2020	50H	363683	6289061	Tuart	>50	15-20	0					
wpt022	Stage 2	GDA 2020	50H	363663	6289043	Tuart	>50	20+	0					
wpt023	Stage 2	GDA 2020	50H	363589	6289037	Tuart	>50	20+	0					
wpt024	Stage 2	GDA 2020	50H	363648	6288992	Tuart	>50	20+	0					
wpt025	Survey Area	GDA 2020	50H	363713	6288957	Tuart	>50	20+	0					
wpt026	Survey Area	GDA 2020	50H	363707	6288955	Tuart	>50	20+	0					
wpt027	Stage 2	GDA 2020	50H	363670	6288965	Tuart	>50	20+	0					
wpt028	Stage 2	GDA 2020	50H	363633	6288948	Tuart	>50	15-20	0					
wpt029	Stage 2	GDA 2020	50H	363630	6288957	Tuart	>50	20+	0					
wpt030	Stage 2	GDA 2020	50H	363619	6288972	Tuart	>50	15-20	0					
wpt031	Stage 2	GDA 2020	50H	363588	6288973	Tuart	>50	15-20	2+	Small & Medium	No signs	No signs	No	
wpt032	Stage 2	GDA 2020	50H	363574	6288959	Tuart	>50	20+	0					
wpt033	Stage 2	GDA 2020	50H	363522	6288980	Tuart	>50	15-20	2+	Small				
wpt034	Stage 2	GDA 2020	50H	363528	6288952	Tuart	>50	15-20	0					
wpt035	Stage 2	GDA 2020	50H	363525	6288939	Tuart	>50	15-20	0					
wpt036	Stage 2	GDA 2020	50H	363524	6288933	Tuart	>50	15-20	0					
wpt037	Stage 2	GDA 2020	50H	363521	6288927	Tuart	>50	20+	0					
wpt038	Stage 2	GDA 2020	50H	363518	6288928	Tuart	>50	15-20	0					
wpt039	Stage 2	GDA 2020	50H	363507	6288933	Tuart	>50	20+	0					
wpt040	Stage 2	GDA 2020	50H	363488	6288896	Tuart	>50	15-20	2+	Small & Medium	No signs	No signs	No	
wpt041	Survey Area	GDA 2020	50H	363559	6288766	Tuart	>50	20+	2+	Small & Medium	No signs	No signs	No	
wpt042	Survey Area	GDA 2020	50H	363553	6288755	Tuart	>50	20+	0					
wpt043	Survey Area	GDA 2020	50H	363539	6288726	Tuart	>50	20+	0					
wpt044	Survey Area	GDA 2020	50H	363532	6288714	Tuart	>50	20+	0					
wpt045	Survey Area	GDA 2020	50H	363530	6288711	Tuart	>50	15-20	0					
wpt046	Survey Area	GDA 2020	50H	363526	6288712	Tuart	>50	15-20	0					
wpt047	Survey Area	GDA 2020	50H	363472	6288775	Tuart	>50	15-20	0					
wpt048	Survey Area	GDA 2020	50H	363420	6288862	Tuart	>50	20+	0					

Waypoint Number	Area	Datum	Zone	mE	mN	Tree Species	DBH (cm)	Tree Height (m)	Number of Hollows	Estimated Hollow Entrance Size	Occupancy	Chew Marks	Potential Cockatoo Nest Hollow	Comments
wpt049	Survey Area	GDA 2020	50H	363415	6288878	Tuart	>50	20+	0					
wpt050	Stage 2	GDA 2020	50H	363417	6288986	Tuart	>50	15-20	2+	Small	No signs	No signs	No	
wpt051	Stage 2	GDA 2020	50H	363437	6289010	Tuart	>50	20+	2+	Small & Medium	No signs	No signs	No	
wpt052	Stage 2	GDA 2020	50H	363387	6289042	Tuart	>50	20+	2+	Small & Medium	No signs	No signs	No	
wpt053	Survey Area	GDA 2020	50H	363343	6289091	Tuart	>50	20+	0					
wpt054	Survey Area	GDA 2020	50H	363376	6289111	Flooded Gum	>50	15-20	0					
wpt055	Survey Area	GDA 2020	50H	363375	6289118	Flooded Gum	>50	15-20	2+	Small & Medium	No signs	No signs	No	
wpt056	Survey Area	GDA 2020	50H	363421	6289152	Flooded Gum	>50	15-20	0	Small & Medium	No signs	No signs	No	
wpt057	Survey Area	GDA 2020	50H	363440	6289160	Tuart	>50	20+	0					
wpt058	Stage 2	GDA 2020	50H	363466	6289083	Tuart	>50	15-20	0					
wpt059	Stage 2	GDA 2020	50H	363486	6289079	Tuart	>50	15-20	0					
wpt060	Stage 2	GDA 2020	50H	363493	6289083	Tuart	>50	15-20	0					
wpt061	Stage 2	GDA 2020	50H	363540	6289059	Tuart	>50	15-20	0					
wpt062	Stage 2	GDA 2020	50H	363532	6289161	Tuart	>50	15-20	0					
wpt063	Stage 2	GDA 2020	50H	363551	6289185	Tuart	>50	15-20	0					
wpt064	Stage 1	GDA 2020	50H	363615	6289291	Tuart	>50	15-20	0					
wpt065	Stage 1	GDA 2020	50H	363991	6289499	Tuart	>50	15-20	0					

APPENDIX D

FAUNA RECORDED WITHIN SURVEY AREA

Fauna Recorded within Survey Area

365 Mallokup Road - Stirling Estate - Capel

Approx. Centroid - 33.528036°S and 115.532228°E

Compiled by Greg Harewood - October 2025

Class **Family** *Species*	Common Name	Conservation Status
Reptiles		
Scincidae Skinks		
Cryptoblepharus buchananii	Buchanan's Snake-eyed Skink	LC
Birds		
Anatidae Geese, Swans, Ducks		
Anas superciliosa	Pacific Black Duck	LC
Ardeidae Herons, Egrets, Bitterns		
Egretta novaehollandiae	White-faced Heron	LC
Accipitridae Kites, Goshawks, Eagles, Harriers		
Haliastur sphenurus	Whistling Kite	LC
Columbidae Pigeons, Doves		
Ocyphaps lophotes	Crested Pigeon	LC
Phaps chalcoptera	Common Bronzewing	LC
Cacatuidae Cockatoos, Corellas		
Eolophus roseicapilla	Galah	LC
Psittacidae Parrots		
Platycercus zonarius	Australian Ringneck Parrot	LC
Polytelis anthopeplus	Regent Parrot	LC
Cuculidae Parasitic Cuckoos		
Chrysococcyx lucidus	Shining Bronze Cuckoo	LC

BC Act Status - S1 to S7, EPBC Act Status - CR = Critically Endangered EN = Endangered, VU = Vulnerable, EX = Extinct, DBCA Priority Status - P1 to P4, Int. Agmts - CA = CAMBA, JA = JAMBA, RK = ROKAMBA, IUCN Red List Category Definitions LC = Least Concern - see Appendix A and https://www.iucnredlist.org/resources/categories-and-criteria for others.

Class **Family** *Species*	Common Name	Conservation Status
Halcyonidae Tree Kingfishers		
Dacelo novaeguineae	Laughing Kookaburra	Introduced
Maluridae Fairy Wrens, GrassWrens		
Malurus splendens	Splendid Fairy-wren	LC
Pardalotidae Pardalotes, Bristlebirds, Scrubwrens, Gerygones, Thornbills		
Acanthiza chrysorrhoa	Yellow-rumped Thornbill	LC
Gerygone fusca	Western Gerygone	LC
Pardalotus striatus	Striated Pardalote	LC
Meliphagidae Honeyeaters, Chats		
Anthochaera carunculata	Red Wattlebird	LC
Pachycephalidae Crested Shrike-tit, Crested Bellbird, Shrike Thrushes, Whistlers		
Pachycephala rufiventris	Rufous Whistler	LC
Dicruridae Monarchs, Magpie Lark, Flycatchers, Fantails, Drongo		
Rhipidura leucophrys	Willie Wagtail	LC
Artamidae Woodswallows, Butcherbirds, Currawongs		
Cracticus tibicen	Australian Magpie	LC
Cracticus torquatus	Grey Butcherbird	LC
Corvidae Ravens, Crows		
Corvus coronoides	Australian Raven	LC

Mammals

Pseudocheiridae Ringtail Posssums		
Pseudocheirus occidentalis	Western Ringtail Possum	CR

BC Act Status - S1 to S7, EPBC Act Status - CR = Critically Endangered EN = Endangered, VU = Vulnerable, EX = Extinct, DBCA Priority Status - P1 to P4, Int. Agmts - CA = CAMBA, JA = JAMBA, RK = ROKAMBA, IUCN Red List Category Definitions LC = Least Concern - see Appendix A and https://www.iucnredlist.org/resources/categories-and-criteria for others.

Class **Family** *Species*	Common Name	Conservation Status
Macropodidae Kangaroos, Wallabies		
Macropus fuliginosus	Western Grey Kangaroo	LC
Leporidae Rabbits, Hares		
Oryctolagus cuniculus	Rabbit	Introduced

BC Act Status - S1 to S7, EPBC Act Status - CR = Critically Endangered EN = Endangered, VU = Vulnerable, EX = Extinct, DBCA Priority Status - P1 to P4, Int. Agmts - CA = CAMBA, JA = JAMBA, RK = ROKAMBA, IUCN Red List Category Definitions LC = Least Concern - see Appendix A and https://www.iucnredlist.org/resources/categories-and-criteria for others.

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The conclusions are based upon field data and the environmental monitoring and/or testing carried out over a limited period of time and are therefore merely indicative of the environmental condition of the site at the time of preparing the report. Also, it should be recognised that site conditions, can change with time.

Within the limitations imposed by the scope of services, the field assessment and preparation of this report have been undertaken and performed in a professional manner, in accordance with generally accepted practices and using a degree of skill and care ordinarily exercised by reputable environmental consultants under similar circumstances. No other warranty, expressed or implied, is made.

In preparing the report, the Author has relied upon data, surveys, analyses, designs, plans and other information provided by the Client and other individuals and organisations, most of which are referred to in the report ("the data"). Except as otherwise stated in the report, the Author has not verified the accuracy of completeness of the data. To the extent that the statements, opinions, facts, information, conclusions and/or recommendations in the report ("conclusions") are based in whole or part on the data, those conclusions are contingent upon the accuracy and completeness of the data. The Author will not be liable in relation to incorrect conclusions should any data, information or condition be incorrect or have been concealed, withheld, misrepresented or otherwise not fully disclosed to the Author.

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