

Vertebrate Fauna Survey

(Level 2)

Phase 1 (November 2013)
and
Phase 2 (March 2014)



Medcalf Vanadium Mining Project

Audalia Resources Ltd

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Acronyms/Abbreviations:

ALA: Atlas of Living Australia www.ala.org.au

BA: Birdlife Australia (Formerly RAOU, Birds Australia).

BC Act: Biodiversity Conservation Act 2016. WA Government.

°C: Degrees Celsius.

CALM: Department of Conservation and Land Management (now DBCA), WA Government.

CAMBA: China Australia Migratory Bird Agreement 1998.

CBD: Central Business District.

DBCA: Department of Biodiversity, Conservation and Attractions (formerly DPaW, DEC, CALM, DoE), WA Government

DBH: Diametre at Breast Height – tree measurement.

DEC: Department of Environment and Conservation (now DBCA), WA Government.

DEH: Department of Environment and Heritage (now DotEE), Australian Government.

DEP: Department of Environment Protection (now DER), WA Government.

DER: Department of Environment Regulation (now DWER), WA Government.

DEWHA: Department of the Environment, Water, Heritage and the Arts (now DotEE), Australian Government

DMP: Department of Mines and Petroleum (formerly DoIR), WA Government.

DoE: Department of Environment (now DWER/DBCA), WA Government.

DoP: Department of Planning, WA Government.

DotE: Department of the Environment (now DotEE), Australian Government.

DotEE: Department of the Environment and Energy (formerly SEWPaC, DWEHA, DEH & DotE), Australian Government.

DoIR: Department of Industry and Resources (now DMP), WA Government.

DoW: Department of Water (now DWER), WA Government.

DPaW: Department of Parks and Wildlife (now DBCA), WA Government.

DWER: Department of Water and Environmental Regulation (formed by the amalgamation of OEPA, DoW and DER), WA Government.

EP Act: *Environmental Protection Act 1986*, WA Government.

EPA: Environmental Protection Authority, WA Government.

EPBC Act: *Environment Protection and Biodiversity Conservation Act 1999*, Australian Government.

ha: Hectare (10,000 square metres).

IBRA: Interim Biogeographic Regionalisation for Australia.

IUCN: International Union for the Conservation of Nature and Natural Resources – commonly known as the World Conservation Union.

JAMBA: Japan Australia Migratory Bird Agreement 1981.

km: Kilometre.

m: Metre.

mm: Millimetre.

P: Priority - DBCA fauna conservation ranking.

POS: Public Open Space.

RAOU: Royal Australia Ornithologist Union.

ROKAMBA: Republic of Korea-Australia Migratory Bird Agreement 2007.

S: Schedule - Western Australian *Wildlife Conservation Act (1950)* Threatened Fauna Category.

SEWPaC: Department of Sustainability, Environment, Water, Population and Communities (now DotEE), Australian Government.

SSC: Species Survival Commission, International.

WA: Western Australia.

WAM: Western Australian Museum, WA Government.

WC Act: *Wildlife Conservation Act 1950*, WA Government.

SUMMARY

This report details the results of a two phase (seasonal), Level 2 terrestrial fauna survey within Audalia Resources Limited's (Audalia) Medcalf Vanadium Project Area situated about 100 km west, south-west of Norseman, Western Australia (Figure 1).

The survey has been carried out to provide baseline fauna datasets for areas within and near potential mine and associated infrastructure areas with a primary focus on identifying potential impacts on fauna species of conservation significance. It is anticipated that the survey results will be taken into consideration by State and Federal environmental regulatory authorities when future applications to mine are submitted for approval.

The boundary of the defined study area is shown in all figures and covers about 18.5 km² (Figure 2). The study area corresponds with Mining Lease 63/656 and encompasses the two main potential open cut pits along with the proposed locations of site offices, plant and workshop facilities, a proposed tailing storage facility and a proposed waste rock (overburden) landform. It should be noted that the location of proposed infrastructure is not finalised and the possible locations has changed between phases.

The field survey recorded 119 native and five introduced vertebrate species. The identified assemblage included one species of frog, 32 species of reptiles, 68 species of birds, and 18 native mammals (including 8 species of bat). Two species of conservation significance were recorded, these being the inland sub-species of the western rosella (Priority 4) and the central long-eared bat (Priority 3).

No evidence of two fauna species of primary interest, the chuditch or the malleefowl (both classified as Vulnerable on state and federal lists) was found within the areas investigated despite targeted trapping and surveys being carried out.

Evidence gathered to date suggests that no vertebrate fauna species of conservation significance has the potential to be affected to any significant degree by the proposal to develop a mine in the area given that most have wide ranging distributions and/or will persist in adjoining unaffected areas given the presence of extensive areas of similar habitat nearby. It is therefore not anticipated that the loss/modification of small areas of habitat on a local scale will result in a change in the status of any fauna species (i.e. cause population decline or localised extinction).

Based on the fauna survey results reported on here it is recommended that:

- The results of the fauna survey should be provided to the relevant regulatory authorities (e.g. DBCA) and interest groups for review and comment so as to ensure ongoing compliance with their current or future requirements;

- Ongoing planning for development should aim to locate infrastructure so as to minimise as much as reasonable and practical the area of remnant vegetation requiring removal. Existing cleared areas/tracks should be used in preference to clearing additional areas. Areas of larger trees should be avoided if possible as they have the potential to provide significant microhabitats (e.g. tree hollows);
- Infrastructure should be positioned to avoid or minimise the disruption to surface and sub-surface hydrology where possible. Levees and drains designed to mimic natural drainage flows should be incorporated in plans where disruptions may occur.
- If the mining proposal proceeds, a fauna management plan should be formulated with reference to the above mentioned recommendations, where considered relevant, with the aim of minimising impacts on fauna during construction and ongoing operations at the propose mine site. The management plan should also include aspects of feral animal management in particular in relation to cats and foxes so that activities such as rubbish disposal do not encourage or result in an increase in population numbers (for example).
- Based on the results obtained to date, no referral of the project to the federal Department of the Environment and Energy with respect to likely impacts on *EPBC Act* listed fauna species is considered warranted given that none appear to be utilising the site to any significant degree.

1. INTRODUCTION

1.1 BACKGROUND

This report details the results of a two phase (seasonal), Level 2 terrestrial fauna survey within Audalia Resources Limited's (Audalia) Medcalf Vanadium Project Area situated about 100 km west, south-west of Norseman, Western Australia (Figure 1).

Exploration work to date by Audalia and previous mining companies, has identified a potential economic resource of vanadium and titanium in three mineralised zones within the project area. Audalia's current focus is on completing a scoping study on the economics of the project.

The survey has been carried out to provide baseline fauna datasets for areas within and near potential mine and associated infrastructure areas with a primary focus on identifying any likely impacts on fauna species of conservation significance. It is anticipated that the survey results will be taken into consideration by State and Federal environmental regulatory authorities when future applications to mine are submitted for approval.

1.2 STUDY AREA

The boundary of the defined study area is shown in all figures and covers about 18.5 km² (Figure 2). The study area corresponds with Mining Lease 63/656 and encompasses the two main potential open cut pits along with the proposed locations of site offices, plant and workshop facilities, a proposed tailing storage facility and a proposed waste rock (overburden) landform. It should be noted that the location of proposed infrastructure is not finalised and the possible locations has changed between phases.

Lake Medcalf, situated about 5 km north east of the study area was also briefly examined during both survey periods given its close proximity, easy access and the fact that it represents a habitat type not found within the study area.

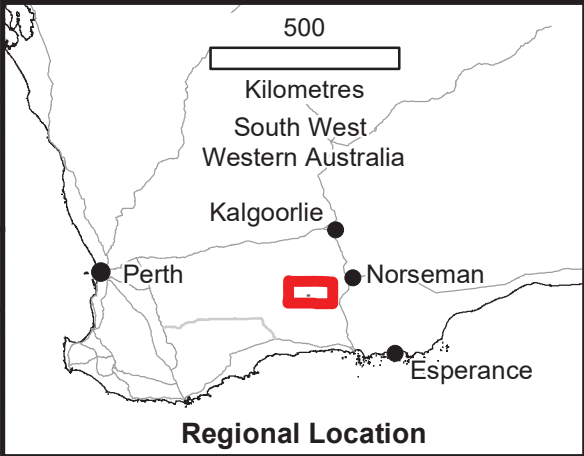
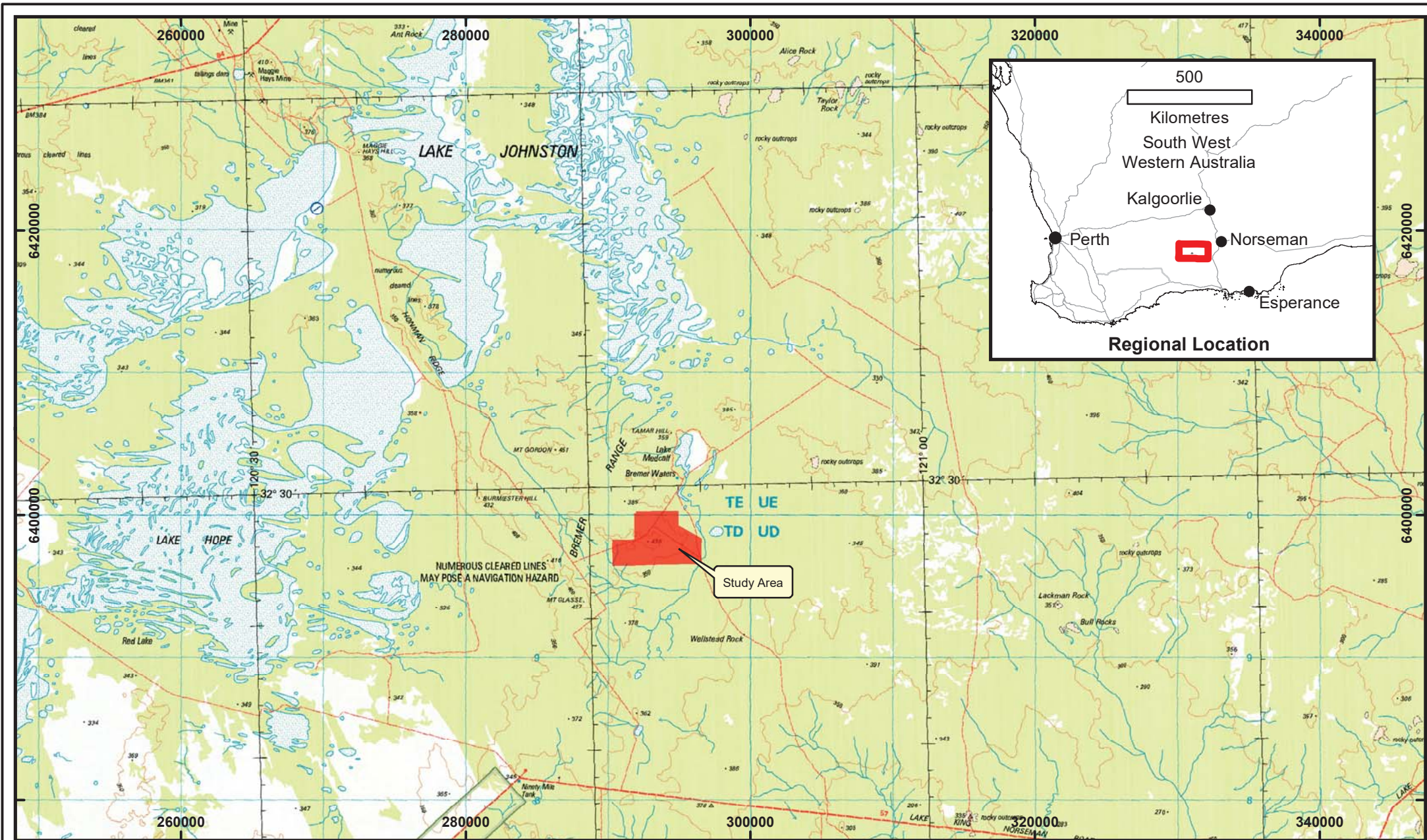
1.3 SURVEY SCOPE

The scope of the fauna survey reported on here was to:

- document the vertebrate fauna assemblages within the habitats of the study area using established sampling techniques;
- identify fauna of conservation significance (particularly state and federally listed threatened, migratory and priority fauna species) present or potentially present within the areas surveyed; and
- provide a generic assessment of the potential impacts of the proposed mine on fauna and fauna habitats occurring in the study area.

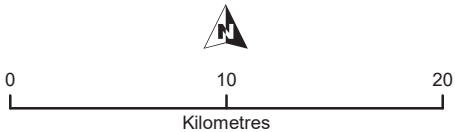
To comply with the scope of works and the likely requirements of environmental regulatory authorities the survey documented in this report was planned and implemented in accordance with:

- EPA (2016a). Statement of Environmental Principles, Factors and Objectives;
- EPA (2016b). Environmental Factor Guideline – Terrestrial Fauna Assessment;
- EPA (2016c). Technical Guidance – Terrestrial Vertebrate Fauna Surveys (replaces EPA (2004). Guidance for the Assessment of Environmental Factors No 56: Terrestrial Surveys for Environmental Impact Assessment, but not yet updated);
- EPA (2016d). Technical Guidance – Sampling Methods for Terrestrial Vertebrate Fauna (replaces EPA & DEC (2010). Technical Guide - Terrestrial Vertebrate Fauna Surveys for Environmental Impact Assessment, but not yet updated);
- Department of Environment, Water, Heritage and the Arts (DEWHA) (2010a). Survey guidelines for Australia’s threatened bats. Guidelines for detecting bats listed as threatened under the *Environment Protection and Biodiversity Conservation Act 1999*. Department of Sustainability, Environment, Water, Population and Communities, Canberra, Australian Capital Territory;
- Department of Environment, Water, Heritage and the Arts (DEWHA) (2010b). Survey guidelines for Australia’s threatened birds. Guidelines for detecting birds listed as threatened under the *Environment Protection and Biodiversity Conservation Act 1999*. Department of Sustainability, Environment, Water, Population and Communities, Canberra, Australian Capital Territory;
- Department of Sustainability, Environment, Water, Population and Communities (SEWPaC) (2011a). Survey guidelines for Australia’s threatened mammals. Guidelines for detecting mammals listed as threatened under the *Environment Protection and Biodiversity Conservation Act 1999*. Department of Sustainability, Environment, Water, Population and Communities, Canberra, Australian Capital Territory;
- Department of Sustainability, Environment, Water, Population and Communities (SEWPaC) (2011b). Survey guidelines for Australia’s threatened reptiles. Guidelines for detecting reptiles listed as threatened under the *Environment Protection and Biodiversity Conservation Act 1999*. Department of Sustainability, Environment, Water, Population and Communities, Canberra, Australian Capital Territory.



Legend

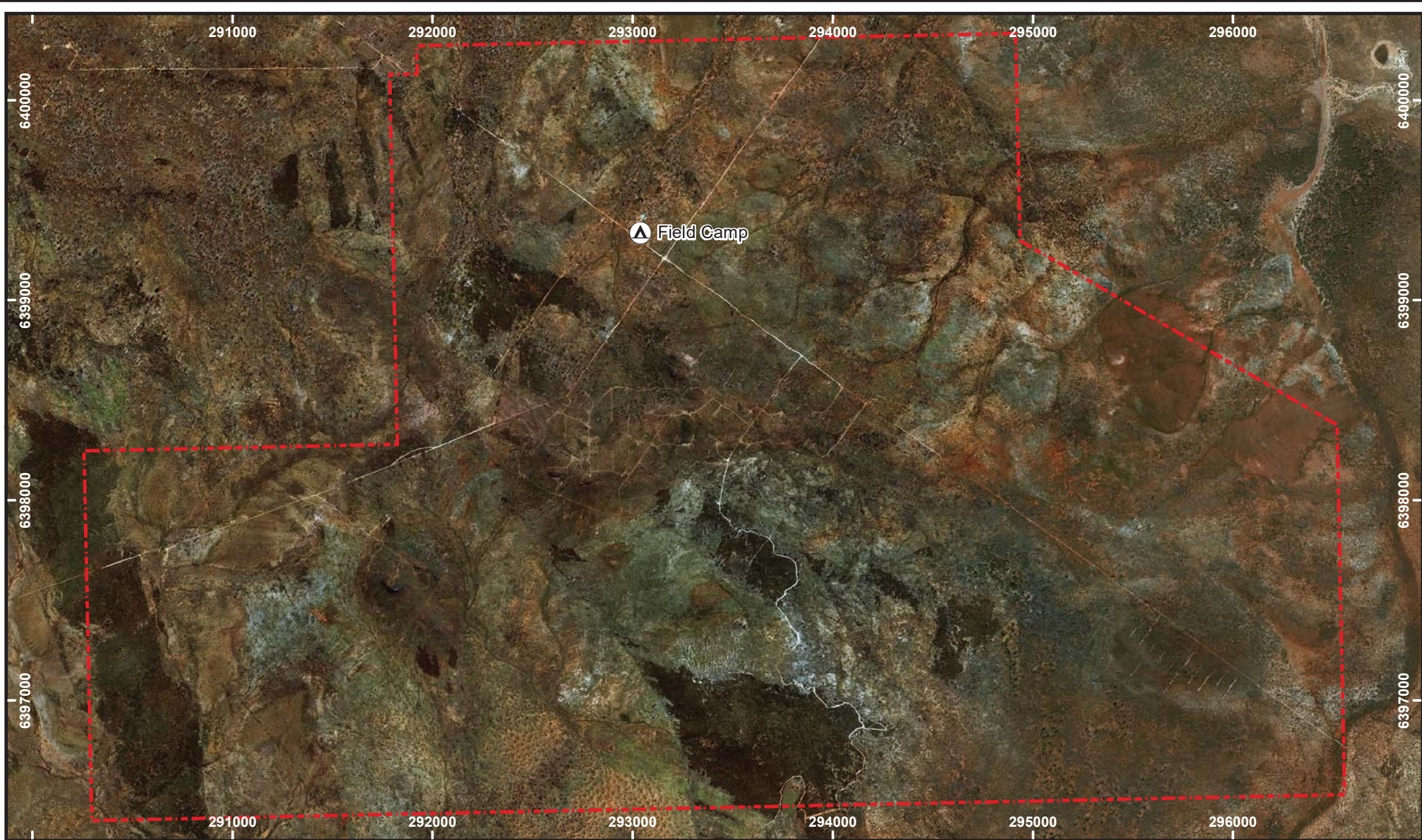
 Study Area




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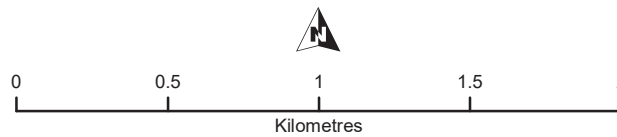
Audalia Resources Ltd
Medcalf Project

**Study Area
and Surrounds**



Legend

 Study Area



Drawn: G Harewood
Date: Nov 2017
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Audalia Resources Ltd
Medcalf Project

Study Area
Air Photo

2. METHODS

2.1 FAUNA INVENTORY - DESKTOP REVIEW

2.1.1 Database Searches

Searches of the following databases were undertaken to aid in the compilation of a list of vertebrate fauna potentially occurring within the study area:

- DBCA's NatureMap Database Search (combined data from DBCA, Western Australian Museum, Birds Australia and consultant's reports) (DBCA 2020); and
- Protected matters search tool (DotEE 2020).

It should be noted that these lists are based on observations from a broader area than the study site and therefore may include species that would only ever occur as vagrants in the actual study area due to a lack of suitable habitat or the presence of only marginal habitat. The databases also often included very old records and in some cases the species in question have become locally or regionally extinct.

Information from these sources should therefore be taken as indicative only and local knowledge and information needs also to be taken into consideration when determining what actual species may be present within the specific area being investigated.

2.1.2 Previous Fauna Surveys in the Area

Fauna surveys, assessments and reviews have been undertaken in nearby areas in the past, though not all are publically available and could not be referenced. The most significant of those available have been used as the primary reference material for compiling the potential fauna assemblage for the general area. Those reports referred to included, but were not limited to:

- Biota Environmental Sciences (Biota) (2006a). Forrestania Fauna Survey – Fauna and Fauna Assemblages Report. Unpublished report for Western Areas NL.
- Biota Environmental Sciences (Biota) (2006b). Forrestania Water Disposal Pipeline Survey – Fauna and Faunal Assemblages Report. Unpublished report for Western Areas NL.
- Biota Environmental Sciences (Biota) (2007a). Forrestania Monitoring Survey, Flying Fox Phases III and IV. Unpublished report for Western Areas NL.
- Biota Environmental Sciences (Biota) (2007b). Diggers South Fauna Survey – Phase I. Unpublished report for Western Areas NL.
- Biota Environmental Sciences (Biota) (2010). Spotted Quoll Haul Road Single Phase Fauna Survey. Unpublished report for Western Areas N.L. May 2010.

- Brearley, D.R., Dunlop, J.N., and Osborne, J.M. (1998). Biological survey and environmental assessment of the Emily-Ann Project area. Unpublished report for Lionore Pty Ltd.
- How, R.A., Newbey, K.R., Dell, J., Muir, B.G., & Hnatiuk, R.J. (1988). The biological survey of the eastern goldfields of Western Australia. Part 4. Lake Johnston-Hyden Study Area. Records of the Western Australian Museum, supplement No. 30. (includes fauna survey results from Lake Cronin, McDermid Rock, Frank Hann NP and Peak Charles).
- Duncan, S. Traill, B.J. & Watson, C. (2006). Vertebrate Fauna of the Honman Ridge - Bremer Range district, Great Western Woodlands, Western Australia. Unpublished report for the Wilderness Society.

As with the databases searches some reports refer to species that would not occur in the study area due to a lack of suitable habitat (extent and/or quality) and this fact was taken into consideration when compiling the potential fauna species list for the study area. It should also be noted that the NatureMap database is likely to include some records from previous fauna surveys in the area including some of those listed above.

2.1.3 Existing Publications

The following represent the main publications used to identify and refine the potential fauna species list for the study area:

- Anstis, M. (2013). Tadpoles and Frogs of Australia. New Holland Publishers, Sydney.
- Barrett, G., Silcocks, A., Barry, S., Cunningham, R. and Poulter, R. (2003). The New Atlas of Australian Birds. Royal Australasian Ornithologists Union, Victoria.
- Bush, B., Maryan, B., Browne-Cooper, R. & Robinson, D. (2007). Reptiles and Frogs in the Bush: Southwestern Australia. UWA Press, Nedlands.
- Churchill, S. (2008). Australian Bats. Second Edition, Allen & Unwin.
- Cogger, H.G. (2014). Reptiles and Amphibians of Australia. 7th Edition. CSIRO Publishing.
- Johnstone, R.E. and Storr, G.M. (1998). Handbook of Western Australian Birds: Volume 1 – Non-passerines (Emu to Dollarbird). Western Australian Museum, Perth Western Australia.
- Johnstone, R.E. and Storr, G.M. (2004). Handbook of Western Australian Birds: Volume 2 – Passerines (Blue-winged Pitta to Goldfinch). Western Australian Museum, Perth Western Australia.
- Menkhorst, P. and Knight, F. (2011). A Field Guide to the Mammals of Australia. Third Edition, Oxford University Press, Melbourne.

- Pizzey, G & Knight, F. (2012). The Field Guide to the Birds of Australia. 9th Edition. Harper Collins, Sydney.
- Storr, G.M., Smith, L.A. and Johnstone R.E. (1983). Lizards of Western Australia II: Dragons and Monitors. WA Museum, Perth.
- Storr, G.M., Smith, L.A. and Johnstone R.E. (1990). Lizards of Western Australia III: Geckos and Pygopods. WA Museum, Perth.
- Storr, G.M., Smith, L.A. and Johnstone R.E. (1999). Lizards of Western Australia I: Skinks. Revised Edition, WA Museum, Perth.
- Storr, G.M., Smith, L.A. and Johnstone R.E. (2002). Snakes of Western Australia. Revised Edition, WA Museum, Perth.
- Thompson, S & Thompson, G (2006). Reptiles of the Western Australian Goldfields. Published by the Goldfields Environmental Management Group.
- Tyler M.J. & Doughty P. (2009). Field Guide to Frogs of Western Australia, Fourth Edition, WA Museum, Perth.
- Van Dyck, S., Gynther, I. & Baker, A. Eds (2013). Field Companion to The Mammals of Australia. Queensland Museum.
- Van Dyck, S. & Strahan, R. Eds (2008). The Mammals of Australia. Third edition. Queensland Museum.
- Wilson, S. and Swan, G. (2017). A Complete Guide to Reptiles of Australia. Fifth Edition, Reed, New Holland, Sydney.

2.2 FAUNA INVENTORY – DETAILED FAUNA SURVEY

2.2.1 Survey Timing and Weather

The first phase seasonal survey was undertaken over a ten day period in November 2013, the second over a nine day period in March 2014. Table 1 below shows the daily weather records from Salmon Gums (94km south east of the study area) during the two phases.

Table 1: Daily Temperatures and Rainfall at the Salmon Gums Weather Station During Phase 1 and Phase 2 Survey Periods (BOM 2014).

	Date	Min (°C)	Max (°C)	Rainfall (mm)
Phase 1	11/11/2013	10.9	29.7	0.0
	12/11/2013	13.6	33.5	0.0
	13/11/2013	17.1	30.9	0.0
	14/11/2013	12.2	30.0	0.0
	15/11/2013	9.6	26.8	0.0
	16/11/2013	8.8	31.4	0.0
	17/11/2013	13.6	35.7	0.0
	18/11/2013	14.0	19.5	0.2
	19/11/2013	8.0	21.6	0.2
	20/11/2013	10.4	22.4	0.0
Phase 2	10/03/2014	6.4	29.6	0.2
	11/03/2014	11.0	29.1	0.0
	12/03/2014	10.7	32.2	0.0
	13/03/2014	16.5	30.3	0.0
	14/03/2014	16.8	25.2	0.0
	15/03/2014	9.6	24.1	0.0
	16/03/2014	10.0	29.8	0.0
	17/03/2014	15.1	30.6	0.0
	18/13/2014	16.3	30.3	0.0

2.2.2 Survey Team

The field survey has been carried out under a “Licence to Take Fauna for Scientific Purposes” issued by the DBCA (SF 009534). The fauna survey team comprised Greg Harewood and Michael Brown.

Analysis of bat recordings was completed by Mr Bob Bullen (Bat Call WA).

2.2.3 Site Selection

The sampling approach for this survey consisted of a combination of systematic fauna sampling and targeted/opportunistic searches within the range of habitats present within the defined study area and nearby locations.

The systematic component of the fauna survey involved the establishment of six main trap sites within the defined study area (Figure 3 and Plates 1 to 6) during Phase 1. Sites were selected to provide representative examples of the major vegetation communities and landforms present within the study area, though logistics were also taken into consideration.



Plate 1: Trap Site 1 (Burnt and unburnt Low woodland of *Eucalyptus salmonophloia* over mixed shrubs – Clay Loam Plain bordering major creek line)



Plate 2: Trap Site 2 (Regrowth - mid open mallee woodland of *Eucalyptus livida* over mid open shrubland and open low shrubland - Hillslope/Hill Crest)



Plate 3: Trap Site 3 (Unburnt Mid mallee shrubland of *Eucalyptus* spp. over mid shrubland of *Melaleuca pauperiflora* and mixed low shrubland - Clay-Loam Plain.)



Plate 4: Trap Site 4 (Regrowth - mid open mallee woodland of *Eucalyptus livida* over mid open shrubland and open low shrubland - Hillslope bordering minor creek line)

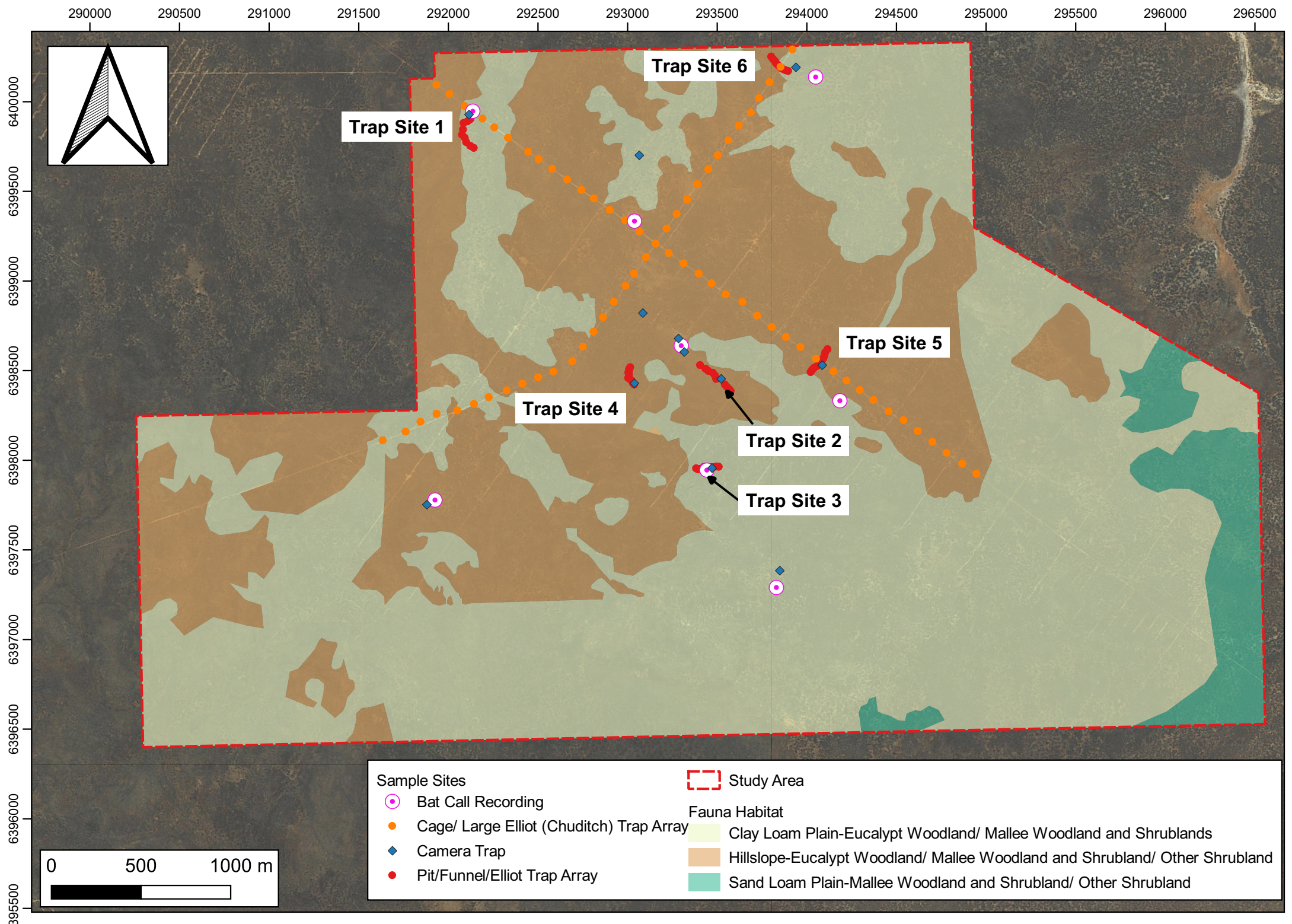


Plate 5: Trap Site 5 (Regrowth mixed low shrubland on hillslope – Subtle Hill Slope)



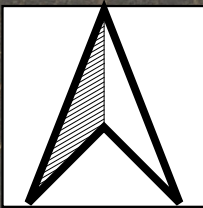
Plate 6: Trap Site 6 (Burnt Low open woodland of *Eucalyptus salmonophloia* over mixed shrubs on clay loam plain – bordering minor creek line)

It should be noted that at the time of the surveys most of the vegetation within the study area was in a state of regeneration after having been burnt during a series of fires in 2009/2010 (Botanica 2017).



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6400000
6399500
6399000
6398500
6398000
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6395500



Trap Site 1

Trap Site 6





Trap Site 5

Trap Site 4





Trap Site 2

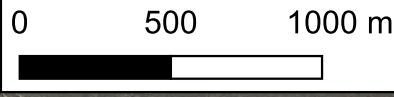
Trap Site 3

Sample Sites

-  Bat Call Recording
-  Cage/ Large Elliot (Chuditch) Trap Array
-  Camera Trap
-  Pit/Funnel/Elliot Trap Array

Study Area

-  Study Area
- Fauna Habitat**
-  Clay Loam Plain-Eucalypt Woodland/ Mallee Woodland and Shrublands
-  Hillslope-Eucalypt Woodland/ Mallee Woodland and Shrubland/ Other Shrubland
-  Sand Loam Plain-Mallee Woodland and Shrubland/ Other Shrubland



2.2.4 Ground Fauna Survey

To provide information on the abundance and distribution of ground fauna present (i.e. small mammals, reptile and amphibian species), trapping, utilising a combination of cage traps and Elliott traps (to target mammal species), fly wire drift fences with associated pit fall traps (to target small mammals, reptile and amphibian species) and funnel traps (to target larger reptile species) were utilised at each of the six main trap sites detailed above.

Trap lines were established at the previously selected sites with each line consisting of 10 trap arrays. Each trap array consisted of a ~7 long, 30 cm high fly wire drift fence with a centrally located pit trap (20L bucket) dug in underneath with one funnel trap located at each end. One small Elliott (A) trap was also placed in the vicinity of each trap array. Elliot traps were baited with “universal bait” (a mixture of peanut butter, rolled oats and sardines).

In total, trapping utilised 60 Elliott (A) traps, 60 (20L) buckets and 120 funnel traps. Pit traps have been left in place and sealed with a lid, secured with rocks/dirt for re-use during the Phase 2 survey. All traps were left open for seven nights during each phase.

A summary of trap nights carried out during each phase is provided in Table 2 below. The location of trap sites is shown in Figure 3. Additional details on trap locations are provided in Appendix B.

Table 2: Summary of Trap Nights – Phase 1 & 2

	Site Number	Fauna Habitat	# Nights for Elliott Traps	# Nights for Funnel Traps	# Nights for Bucket Pit Traps	Total # Trap Nights
PHASE 1 NOV 2013	1	Clay-Loam Plain-Eucalypt Woodland/ Mallee woodland and Shrublands	70	140	70	280
	2	Hillslope-Eucalypt Woodland/ Mallee Woodland and Shrubland/ Other Shrubland	70	140	70	280
	3	Clay-Loam Plain-Eucalypt Woodland/ Mallee woodland and Shrublands	70	140	70	280
	4	Hillslope-Eucalypt Woodland/ Mallee Woodland and Shrubland/ Other Shrubland	70	140	70	280
	5	Hillslope-Eucalypt Woodland/ Mallee Woodland and Shrubland/ Other Shrubland	70	140	70	280
	6	Clay-Loam Plain-Eucalypt Woodland/ Mallee woodland and Shrublands / Hillslope-Eucalypt Woodland/ Mallee Woodland and Shrubland/ Other Shrubland	70	140	70	280
	Total			420	840	420
PHA SE 2	1	Clay-Loam Plain-Eucalypt Woodland/ Mallee woodland and Shrublands	70	140	70	280

	Site Number	Fauna Habitat	# Nights for Elliott Traps	# Nights for Funnel Traps	# Nights for Bucket Pit Traps	Total # Trap Nights
	2	Hillslope-Eucalypt Woodland/ Mallee Woodland and Shrubland/ Other Shrubland	70	140	70	280
	3	Clay-Loam Plain-Eucalypt Woodland/ Mallee woodland and Shrublands	70	140	70	280
	4	Hillslope-Eucalypt Woodland/ Mallee Woodland and Shrubland/ Other Shrubland	70	140	70	280
	5	Hillslope-Eucalypt Woodland/ Mallee Woodland and Shrubland/ Other Shrubland	70	140	70	280
	6	Clay-Loam Plain-Eucalypt Woodland/ Mallee woodland and Shrublands / Hillslope-Eucalypt Woodland/ Mallee Woodland and Shrubland/ Other Shrubland	70	140	70	280
	Total		420	840	420	1,680
	Grand Total		840	1,680	840	3,360

Species of conservation significance that were targeted as part of this component of the field survey included but was not limited to:

- Lake Cronin Snake.

2.2.5 Targeted Survey - Chuditch

A targeted trapping survey for chuditch was carried out as part of the fauna assessment. Methods used followed closely the “standard” techniques documented by the DBCA (Orell and Morris 1994), the main variation being traps were placed at a higher density along tracks than recommended (i.e. 100m spacing instead of 200m) and left open for a longer period (at least six nights as opposed to recommended four nights).

A total of 70 large traps (20 cage traps and 50 large Elliot (B) traps) were placed at ~100m intervals directly adjacent to the two main tracks that run through the study area (Figure 3). Traps were checked each morning and rebaited as required.

During the Phase 1 survey, thirty eight of the traps were left open for eight nights (304 trap nights), with the balance (32 traps), left open for six nights (192 trap nights) giving a total of 496 trap nights. During the Phase 2 survey, all 70 traps were left open for six nights (420 trap nights), giving a total over both phases of 916 trap nights (Table 3).

The targeted chuditch trapping was supplemented by the use of motion sensing cameras (see Section 2.2.9).

Table 3: Summary of Cage Nights – Phase 1 & 2

	Fauna Habitat	# Cage Traps	# Nights for Cage Traps
PHASE 1 NOV 2013	Clay-Loam Plain-Eucalypt Woodland/ Mallee woodland and Shrublands	13	104
	Hillslope-Eucalypt Woodland/ Mallee Woodland and Shrubland/ Other Shrubland	57	392
	Total	70	496
PHASE 2 MARCH 2014	Clay-Loam Plain-Eucalypt Woodland/ Mallee woodland and Shrublands	13	78
	Hillslope-Eucalypt Woodland/ Mallee Woodland and Shrubland/ Other Shrubland	57	342
	Total	70	420
	Grand Total	140	916

2.2.6 Bird Surveys

Sampling of avifauna was carried out using a combination of techniques, including:

- 20 minute unbounded surveys conducted at each of the systematic sampling grids on several occasions;
- Traverses on foot between trap sites and within proposed infrastructure areas (i.e. tailings dam, waste landform and plant/workshop site in addition to potential mine areas); and
- Opportunistic observations of avifauna while driving around the study area (random over 19 days).

Species of conservation significance that were targeted as part of this component of the field survey included but was not limited to:

- Malleefowl;
- Hooded Plover;
- Great Egret;
- Cattle Egret;
- Peregrine Falcon;
- Western Rosella;

- Carnaby’s Black-Cockatoo; and
- Fork-tailed Swift.

2.2.7 Targeted Survey - Malleefowl

A targeted survey for malleefowl was carried out and involved a series of closed spaced transects across the main potential impact zones (i.e. open cut pit areas, plant/workshop site, tailings storage facility and waste landform) in addition to some adjoining areas. Where practical transects were spaced about 30 to 40m apart (actual distance depending on vegetation density/visibility). The botanical survey team were also instructed to record observations of malleefowl or malleefowl mounds if observed. The aim of the survey was to locate any evidence of the species using the area, primarily by way of locating nest mounds (new and old) though looking for individuals, tracks and feathers was also part of the scope.

2.2.8 Acoustic Bat Recordings

Acoustic recordings were undertaken using a Wildlife Acoustics SM2+ Bat Detector from sunset to sunrise in each instance.

During the Phase 1 survey recordings were taken over four nights and during the Phase 2 survey over five nights (total of about 90 hours of recording time). The locations of each recording are shown in Figure 3.

The detectors convert ultrasonic echolocation signals produced by bats into audible electronic signals that are then recorded. The recordings were later processed by Bob Bullen to determine the presence of species specific calls.

Additional details on the bat recordings carried out are contained in Appendix B.

Species of conservation significance that were targeted as part of this component of the field survey included but was not limited to:

- Central Long-eared Bat.

Table 4: Summary of Acoustic Bat Recordings – Phase 1 & 2

	Fauna Habitat	# Bat Recorder Sites	# Nights for Bat Recordings
PHASE 1 NOV 2013	Clay-Loam Plain-Eucalypt Woodland/ Mallee woodland and Shrublands	2	2
	Hillslope-Eucalypt Woodland/ Mallee Woodland and Shrubland/ Other Shrubland	2	2
	Total	4	4

	Fauna Habitat	# Bat Recorder Sites	# Nights for Bat Recordings
PHASE 2 MARCH 2014	Clay-Loam Plain-Eucalypt Woodland/ Mallee woodland and Shrublands	2	2
	Hillslope-Eucalypt Woodland/ Mallee Woodland and Shrubland/ Other Shrubland	2	2
	Lake Medcalf	1	1
	Total	5	5
	Grand Total	9	9

2.2.9 Motion Sensing Cameras

Twelve motion sensing infrared cameras (“camera traps”) were placed at various locations within the study area during Phase 1 survey. An additional camera was placed near Lake Medcalf. The cameras were retrieved during the Phase 2 survey.

The location of cameras is shown in Figure 3 with additional details provided in Appendix B. A total of 1049 “camera trap days” were achieved and over 20,000 pictures taken, though it should be noted that a high percentage of photos at some locations were caused by moving vegetation.

Species of conservation significance that were targeted as part of this component of the field survey included but was not limited to:

- Chuditch;
- Malleefowl; and
- Western Brush Wallaby.

Table 5: Summary of Motion Sensing Cameras – Phase 1 & 2

	Fauna Habitat	# Camera Sites	# Camera Trap Days
PHASE 1-2 NOV 2013- MARCH 2014	Clay-Loam Plain-Eucalypt Woodland/ Mallee woodland and Shrublands	5	441
	Hillslope-Eucalypt Woodland/ Mallee Woodland and Shrubland/ Other Shrubland	7	492
	Lake Medcalf	1	116
	Total	13	1049

2.2.10 Spotlighting/Head Torching

Nocturnal surveys were carried out at selected trapping sites with the aim of locating nocturnal species that may be difficult to detect using alternative techniques. Vehicle transects were also carried out over four nights (two during each phase) along the main tracks that are present within the project area.

Species of conservation significance that were targeted as part of this component of the field survey included but was not limited to:

- Chuditch; and
- Western Brush Wallaby.

2.2.11 Targeted and Opportunistic Surveys

During the course of all the survey work non-systematic opportunistic observations of fauna species were made and recorded. Secondary evidence of fauna such as tracks, diggings and scats were also noted.

At each trapping site microhabitats were actively searched with the aim of locating the more cryptic fauna species that may inhabit the site. Searches included but were not limited to investigating burrows, investigating scats, tracks and other traces, turning fallen timber and rocks, opening standing timber crevices, peeling bark and raking leaf litter.

Species of conservation significance that were targeted as part of this component of the field survey included but was not limited to:

- Lake Cronin Snake.

2.3 FAUNA CONSERVATION CATEGORIES

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

- *Environment Protection and Biodiversity Conservation Act 1999 (EPBC Act)*. Administered by the Australian Government DAWE;
- *Biodiversity Conservation Act 2016 (BC Act)*. Administered by the Western Australian DBCA (Govt. of WA 2018). Note: The Wildlife Conservation (Specially Protected Fauna) Notice 2018 has been transitioned under regulations 170, 171 and 172 of the Biodiversity Conservation Regulations 2018 to be the lists of Threatened, Extinct and Specially Protected species under Part 2 of the *BC Act*;
- 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-legislative list maintained by DBCA for management purposes (DBCA 2019).

The *EPBC 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).

(Note - Species listed under JAMBA are also protected under Schedule 5 of the *BC Act*.)

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 (NES) under the *EPBC Act*.

The conservation status of all vertebrate 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.

2.4 LIKELIHOOD OF OCCURRENCE – VERTEBRATE FAUNA OF CONSERVATION SIGNIFICANCE

For vertebrate fauna of conservation significance identified during the desktop study as previously being recorded in the general, each was assessed and ranked for their likelihood of occurrence within the survey area itself.

The rankings and criteria used were:

- Unlikely: Survey area is outside of the currently documented distribution for the species in question or the species is generally accepted as being locally extinct (supported by a lack of recent records), 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.
- Possible: 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 site 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, 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.

2.5 TAXONOMY AND NOMENCLATURE

Taxonomy and nomenclature for fauna species used in this report is generally taken from the DBCA's WA Fauna Census Database which is assumed to follow Aplin and Smith (2001) for amphibians and reptiles and Johnstone (2001) for birds. Jackson and Groves (2015) has been used for mammals.

Common names are taken from the WAM recognised primary common name listings when specified, though where common names are not provided they have been acquired from other publications. Sources include Cogger (2014), Wilson and Swan (2013), Van Dyck & Strahan (2013), Christidis and Boles (2008), Bush *et al.* (2010), Bush *et al.* (2007), Tyler & Doughty (2009), and Glauret (1961). Not all common names are generally accepted.

2.6 SURVEY LIMITATIONS

The fauna assessment was designed and carried out to conform with a Level 2 survey as defined in EPA Guidance Statement No. 56 (EPA 2016c). The assessment has included a desktop analysis aimed at providing a list of expected species and the completion of two-phase seasonal survey involving a detailed trapping program, targeted and opportunistic fauna observations, and the use of motion sensing cameras and bat detector recordings.

Fauna species are indicated as potentially present within this report based on there being suitable (quality and extent) habitat within the study area. With respect to trapping, targeted and opportunistic observations, the possibility exists that certain species may not have been detected during field investigations due to:

- seasonal inactivity during field survey;
- species present within micro habitats not surveyed;
- cryptic species able to avoid detection; and
- transient wide-ranging species not present during survey period.

The lack of observational data on some species should therefore not be taken as necessarily indicating that a species is absent from the site.

In recognition of survey limitations, a precautionary approach has been adopted for this assessment. Any fauna species that would possibly occur within the study area as identified through ecological databases, publications, discussions with local experts/residents and the habitat knowledge of the Author has been assumed to potentially occur in the study area.

Fauna survey limitations and constraints are summarised in Table 6.

Table 6: Fauna Survey Limitations and Constraints

Potential Constraint	Survey Limitation (Yes/No) Significant Moderate Negligible	Comments on Survey Outcomes
Competency/Experience of the consultant carrying out the survey;	No	Consultant Zoologists that executed the survey have both conducted many level 1 and level 2 surveys in WA and can be regarded as suitably qualified.
Scope	No	The survey carried out was a Level Two survey, comprising of a desktop survey and a two phase seasonal survey that has included a habitat assessment, trapping program, and opportunistic observations. No constraints encountered.
Proportion of fauna identified, recorded and/or collected	No	The field surveys recorded about 54% of listed potential vertebrate species considered likely to be present on site. It should be noted that the potential species list is very likely an over estimation of the species that use the proposal area on a regular basis.
Sources of information	Yes, Moderate	The Medcalf Project area has not been subject to detailed surveys in the past and specific fauna values are not well documented, though significant work has been done in nearby areas.
The proportion of the task achieved and further work	Yes, Moderate	The two phase survey has been completed. Some minor additional work on vertebrate species may be required once impact areas are finalised.
Timing/weather/season/cycle	No	The survey was carried out November to coincide with the recommended "primary" survey period (EPA/DEC 2010). The second phase was carried out in Autumn, also in line with DWER/DBCA recommendations.
Disturbances (e.g. fire, flood, accidental human intervention etc.) which affected results of survey	Yes, Moderate	A large proportion of the site has been burnt in the recent past and is in the early stages of regrowth.
Intensity (in retrospect, was the intensity adequate)	No	Based on results achieved the survey is considered adequate for a two phase seasonal survey.
Completeness (e.g. was relevant area fully surveyed);	No	Density of trap lines and other survey sites/transects were above that generally carried out during the course of surveys of a similar type/area.
Resources (e.g. degree of expertise available in animal identification to taxon level);	Yes, Moderate	No unresolved problems/uncertainties arose with respect to identifying observed vertebrate fauna species.
Remoteness and/or access problems;	No	Majority of the study area was easily accessed.
Availability of contextual (e.g. biogeographic) information on the region.	No	Previous fauna survey data for the wider area, specialist books/publications and government databases were consulted.

3. REGIONAL CONTEXT

3.1 BIOGEOGRAPHIC SETTING

The project area is situated near the southern boundary of the Coolgardie Bioregion (COO2 – Southern Cross subregion - Cowan *et al.* 2001). The Southern Cross subregion is described as:

“The subregion has subdued relief, comprising gently undulating uplands dissected by broad valleys with bands of low greenstone hills. It lies on the 'Southern Cross Terrains' of the Yilgarn Craton. The granite strata of Yilgarn Craton are interrupted by parallel intrusions of Archaean Greenstone. Drainage is occluded. It has an arid to semi-arid Warm Mediterranean climate with 250-300 mm of mainly winter rainfall.

Valleys have Quaternary duplex and gradational soils, and include chains of saline playalakes. Diverse *Eucalyptus* woodlands (*Eucalyptus salmonophloia*, *E. salubris*, *E. transcontinentalis*, *E. longicornis*) rich in endemic eucalypts occur around these salt lakes, on the low greenstone hills, valley alluvials and broad plains of calcareous earths. The salt lake surfaces support dwarf shrublands of samphire. The granite basement outcrops at mid-levels in the landscape and supports swards of *Borya constricta*, with stands of *Acacia acuminata* and *Eucalyptus loxophleba*. Upper levels in the landscape are the eroded remnants of a lateritic duricrust yielding yellow sandplains, gravelly sandplains and laterite breakaways. Mallees (*Eucalyptus leptopoda*, *E. platycorys* and *E. scyphocalyx*) and scrub-heaths (*Allocasuarina corniculata*, *Callitris preissii*, *Melaleuca uncinata* and *Acacia beauverdiana*) occur on these uplands, as well as on sand lunettes associated with playas along the broad valley floors, and sand sheets around the granite outcrops. The scrubs are rich in endemic acacias and Myrtaceae. The subregional area is 7,041,232 ha.” (Cowan *et al.* 2001).

3.2 PHYSICAL ENVIRONMENT

3.2.1 Climate

Salmon Gums is located about 93km south east of the survey area and is the closest weather station with current data (BOM 2014). Mean monthly maximum and minimum temperatures for the station (calculated from 1932 to 2013 data) range from 30.6°C to 16.1°C and 14.0°C to 4.6°C respectively (BOM 2014) (Figure 4).

Mean rainfall for the area ranges from 38 mm in June to 20 mm in December. The mean annual rainfall (calculated from 1932 to 2013 data) for the Salmon Gums station is 351.6 millimetres, with subtle increases above the monthly average during the May to September period (BOM 2014).

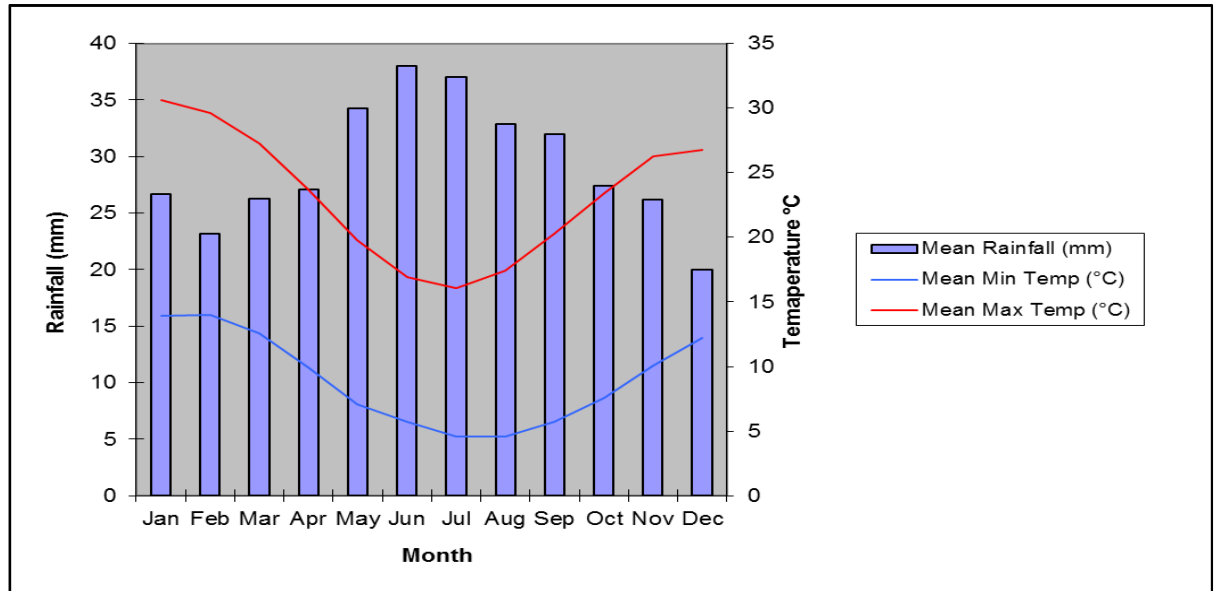


Figure 4: Mean Monthly Rainfall and Maximum and Minimum Temperatures (Salmon Gums Records 1932 – 2013, BOM 2014)

3.2.2 Topography, Land Systems and Geology

The Southern Cross subregion (COO2) lies on the Yilgarn Craton's 'Southern Cross Terrains'. The relief is subdued and comprises of gently undulating uplands dissected by broad valleys with bands of low greenstone hills. The underlying geology is of granite strata interrupted by parallel intrusions of Archaean Greenstone.

Calcareous earths are the dominant soil community and cover much of the plains and greenstone areas. A series of large playa lakes in the western half are the remnants of an ancient major drainage line (Cowan *et al.* 2001).



Beard (1990) describes the topography of the region as gently undulating with occasional ranges of low hills and sandplains in the western area and some large playa lakes. The dominant soil type is calcareous earth.


3.2.3 Fauna Habitat and Vegetation Mapping

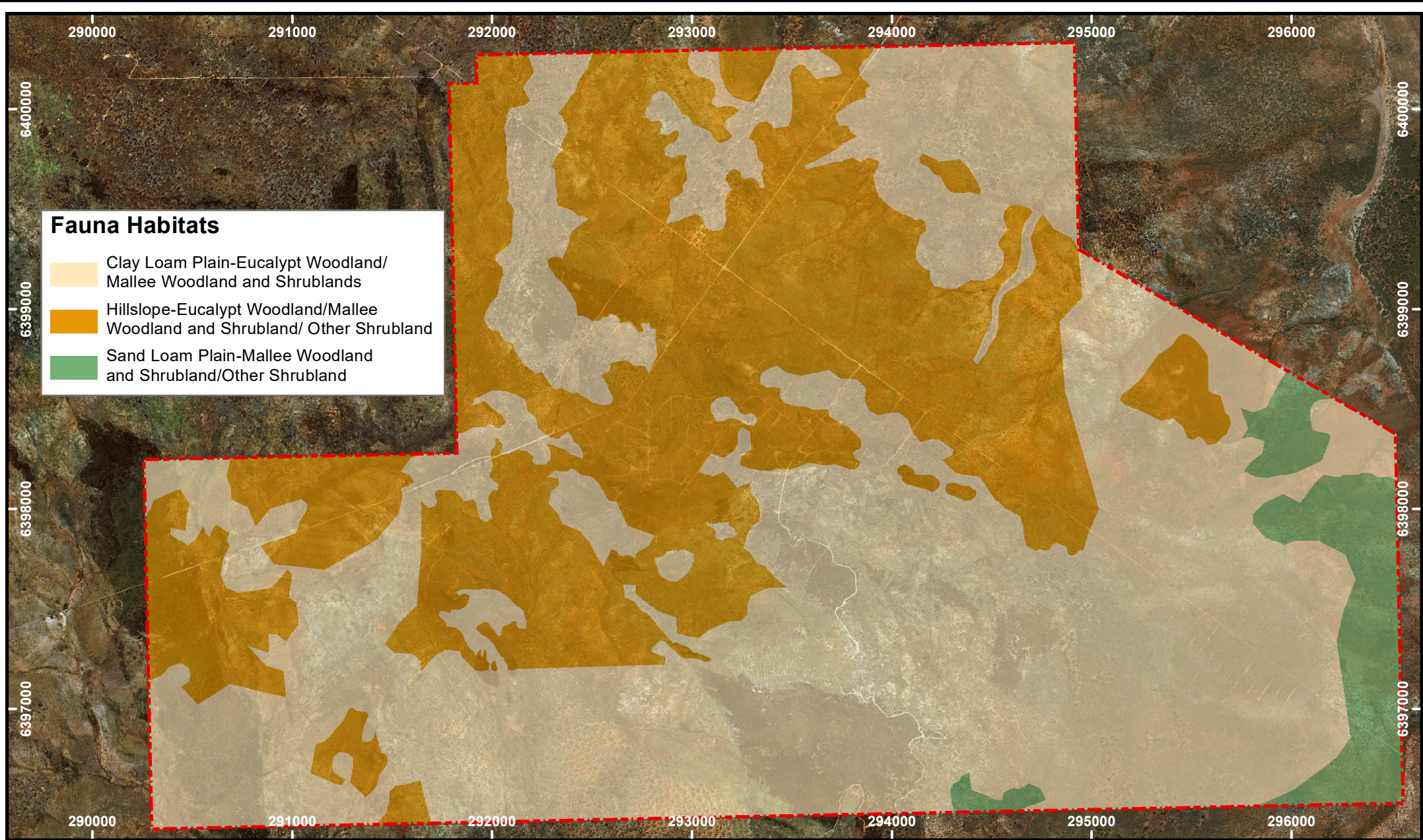
Detailed vegetation/landform mapping of the study area has been undertaken by Botanica Consulting (2017). This information has been used to define broad scale terrestrial fauna habitats present within the study area as listed below (Table 7).

The extent of the identified units are shown in Figure 5. Most of the vegetation within the study area was in a state of regeneration after having been burnt during a series of fires in 2009/2010 (Botanica 2017). Additional details can be found in the associated flora and vegetation report (Botanica 2020). The quality of fauna habitats has shown minimal change since initial field assessments were initially conducted. However, as fauna habitats are subject to change overtime, and vertebrate assemblages may vary over time and space, a potential vertebrate fauna list has been compiled as detailed in Section 4.1 to account for any variation in fauna assemblages as vegetation matures.


Table 7: Fauna Habitats

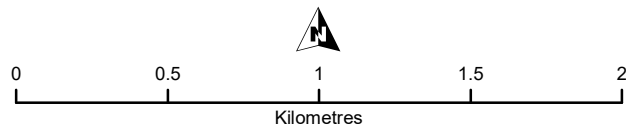
Fauna Habitat	Description	Representative Fauna Habitat Attributes	Conservation Significant Species that possibly occur in habitat	Example Image
<p>CLP - Clay Loam Plain-Eucalypt Woodland/ Mallee Woodland and Shrublands</p> <p>Total Area=1095 ha (59.1%)</p>	<p>Clay loam plain comprising a mosaic of open Salmon Gum woodland over mixed low shrubs and mallee shrubland over <i>Melaleuca pauperiflora</i> and mixed low shrubs.</p>	<ul style="list-style-type: none"> • Range of vegetation strata suitable to a variety of passerine and nonpasserine birds. • Limited leaf litter due to the presence of smaller/ regrowth trees. • Relatively dense shrubs providing cover for small fauna. • Ground not especially suited to burrowing species. 	<p>Malleefowl <i>Leipoa ocellata</i></p> <p>Peregrine Falcon <i>Falco peregrinus</i></p> <p>Western Rosella (Inland ssp) <i>Platycercus icterotis xanthogenys</i></p> <p>Carnaby's Black- Cockatoo <i>Calyptorhynchus latirostris</i></p> <p>Chuditch <i>Dasyurus geoffroii</i></p> <p>Western Brush Wallaby <i>Notamacropus Irma</i></p> <p>Central Long-eared Bat <i>Nyctophilus major tor</i></p> <p>Lake Cronin Snake <i>Paroplocephalus atriceps</i></p>	
<p>HS - Hillslope-Eucalypt Woodland/ Mallee Woodland and Shrubland/ Other Shrubland</p> <p>Total Area=677 ha (36.5%)</p>	<p>Rocky hillslopes (lateritic/ limonite) comprising a mosaic of regrowth Eucalypt woodland/ mallee woodland to shrubland over mixed Allocasuarina/ Hakea/ Melaleuca shrubland and low shrubland/ tussock grassland or sedges.</p>	<ul style="list-style-type: none"> • Limited exfoliating bark. • Limited leaf litter due to the presence of smaller/ regrowth trees. • Limited vegetation strata due to the presence of smaller/ regrowth trees. • Limited dense shrubs. • Dominated by rocky areas less suitable for burrowing. 	<p>Peregrine Falcon <i>Falco peregrinus</i></p> <p>Western Brush Wallaby <i>Notamacropus irma</i></p>	

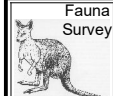
Fauna Habitat	Description	Representative Fauna Habitat Attributes	Conservation Significant Species that possibly occur in habitat	Example Image
<p>SLP - Sand Loam Plain-Mallee Woodland and Shrubland/ Other Shrubland</p> <p>Total Area=82 ha (4.4%)</p>	<p>Sand-loam plains comprising a mosaic of regrowth sparse mallee shrubland over low open shrubland of Acacia / Grevillea/ Melaleuca and open hummock grassland/ tussock grassland.</p>	<ul style="list-style-type: none"> • Substrate very well suited to a variety of burrowing small mammals and reptiles. • Less diverse vegetation strata supporting a less diverse avifauna assemblage. 	<p>Peregrine Falcon <i>Falco peregrinus</i></p>	



Legend

 Study Area



	Audalia Resources Ltd Medcalf Project
	Fauna Habitats (data courtesy Botanica Consulting)
	Drawn: G Harewood Date: Feb 2020 Scale: 1:25,000
	Projection/Coordinate System: UTM/MGA Zone 51 Figure: 5

3.3 CONSERVATION RESERVES IN THE AREA

The Medcalf Project is located entirely within the proposed Bremer Range Nature Reserve which has a total area of 50,920ha. In 1992 the Bremer Range was proposed to be managed by the DBCA as a Nature Reserve as part of their south Coast Region, Regional Management Plan however to date this proposed reserve has not yet been approved (Botanica 2017).

The Bremer Range is a series of mineralised low hills, largely of greenstone with some banded ironstone, extending for 60 km along the south-eastern side of Lake Johnston and Lake Hope, to the north of the Norseman – Lake King Road (How *et. al.* 1988). The surrounding area consists of gently undulating uplands and a salt lake system that includes Lake Johnston and Lake Medcalf (Gibson & Lyons 1998).

The Medcalf Project area also lies within the Great Western Woodlands (DEC 2010), an area recognised by the Wilderness Society of WA to be of global biological and conservation importance as one of the largest and healthiest temperate woodlands on Earth, containing many endemic species. The region covers almost 16 million hectares (160,000 square kilometres) from the southern edge of the Western Australian Wheatbelt to the pastoral lands of the Mulga country in the north, the inland deserts to the northeast, and the treeless Nullarbor Plain to the east.

The area provides an eastward connection between southwest forests and inland deserts (Gondwana Link) as well as linking the north-west passage to Shark Bay. The majority of the Great Western Woodlands is unallocated crown land (61.1%) with other interests including pastoral leases (20.4%), conservation reserves (15.4%) unallocated crown land ex pastoral managed by the DBCA (2%) and private land (approximately 1%) (Watson *et. al.* 2008).

No specific management strategy applies to the Great Western Woodlands, rather an approach to conservation which occurs across all land tenures and when different stakeholders work together, with biodiversity in mind. The central component of this approach is to identify and conserve key large-scale, long term ecological processes that drive connectivity between ecosystems and species. The Great Western Woodlands currently includes towns, highways, roads, railways, private property, Crown Reserves, agricultural activities and mining tenements.

4. SURVEY RESULTS

4.1 FAUNA INVENTORY - DESKTOP REVIEW

A list of expected fauna species likely to occur in the study area was compiled from information obtained during the desktop study and is presented in Appendix D. This listing was refined after information gathered during the various site surveys were reviewed. The results of some previous fauna surveys carried out in the general area are summarised in this species listing as are the DBCA NatureMap database search results. The raw database search results from NatureMap (DBCA 2017) and the Protected Matters Search Tool (DotEE 2017) are contained within Appendix C.

Table 8 below provides a summary of the potential fauna species considered most likely to be present based on species group and conservation status. The list of potential fauna takes into consideration that firstly the species in question is not known to be locally extinct and secondly that suitable habitat for each species, as identified during the field work, is present within the study area, though compiling an accurate list has limitations.

The specific habitat and microhabitat requirements and ecology of many of the species known to occur in the wider area are often not well understood and/or documented. It can therefore be difficult to exclude species from the potential list based on a lack of a specific habitat or microhabitat within the study area. As a consequence of this limitation the potential fauna list produced is most likely an overestimation of those species that actually utilise the study area for some purpose. Some species may be present in the general area but may only use the study area itself on rare occasions or as vagrants/transients. The majority of the potential species are common widespread species and at any one time a subset of the total potential vertebrate species could occur within the study area with the range and number of species varying overtime.

Table 8: Summary of Potential Vertebrate Fauna Species (as listed in Appendix D)

Group	Total number of potential species	Potential number of <u>specially protected</u> species	Potential number of <u>migratory</u> species	Potential number of <u>priority</u> species
Amphibians	12	0	0	0
Reptiles	65	0	0	1
Birds	120	3	0	1
Non-Volant Mammals	24 ⁵	1	0	1
Volant Mammals (Bats)	9	0	0	1
Total	230⁵	4	0	4

Superscript = number of introduced species included in total.

4.2 FAUNA INVENTORY – DETAILED FAUNA SURVEY

A summary of the number of species from each vertebrate group identified during the Phase 1 and Phase 2 fauna survey is provided in Table 9 below. A complete list of the species identified is detailed in Appendix D. The raw trapping, recording and opportunistic results are provided in Appendix E.

The survey identified 54% of the predicted species considered likely to be present. It should be noted that the potential species list is very likely an over estimation of the species that use the proposal area on a regular basis. Two of the possible nine vertebrate fauna species of conservation significance considered likely to frequent the area at times (albeit some rarely) were observed/recorded. This comprised one priority bird species and one priority bat species.

Table 9: Number of Vertebrate Fauna Species Recorded

Group	Combined Phase 1 & 2 Total	Species of Conservation Significance
Amphibians	1	0
Reptiles	32	0
Birds	68	1
Native Non-Volant Mammals	10	0
Bats	8	1
Introduced Mammals	5	0
Total	124	2

Total number of species recorded = the total number of species found to occur in the defined study area, including species found outside of main impact areas

4.2.1 Amphibians

One species of frog (*Pseudophryne occidentalis* – western toadlet) was captured several times at trap site 1 (major drainage line – dry at time of surveys) during both phases of the field survey. Based on the desktop study results another eleven species may occur in the general area, subject to suitable habitat being present.

None of the identified or potential amphibian species that may occur in the area are listed as threatened, migratory or as DBCA priority species.

4.2.2 Reptiles

A total of 32 species of reptile were captured and/or observed during the field surveys. Based on the desktop study results another 33 species may occur in the general area, subject to suitable habitat being present. None of the reptile species captured are of conservation significance.

The only reptile species of conservation significance considered likely to occur in the general area is the Lake Cronin snake (*Paroplocephalus atriceps* - Priority 3). This species occurs naturally in low densities and therefore detecting individuals can be difficult even if present. The fact that the study area has been repeatedly burnt in recent times may have made the habitat marginal in quality (assuming it was suitable in the first instance) for this species to utilise.

4.2.3 Birds

Sixty-eight bird species were observed in or near the study area during the field survey. Based on the desktop study results another 50 species may occur in the general area, subject to suitable habitat being present.

One species of conservation significance was observed. The locations of the observations are shown in Figure 6.

The inland sub-species of the western rosella (*Platycercus icterotis xanthogenys*) is classified as Priority 4 by DBCA. This species was observed on five occasions in small groups (two to seven individuals) at trap site 1 and 3 and in similar woodland/forest vegetation in the north western section of the study area.

An additional three species of conservation significant species may occur in the area, these being the malleefowl (*Leipoa ocellata* –Vulnerable), peregrine falcon (*Falco peregrinus* – Other Specially Protected) and Carnaby's black-cockatoo (*Calyptorhynchus latirostris* – Endangered).

No evidence of malleefowl using the study area and in particular no evidence of breeding (i.e. nest mounds recent or old) was observed despite a high density of traverses (by both fauna and botanical teams) over the entire study area and in particular likely impact areas (Figure 7). This would suggest the study area is not a site of significance for the species though individuals may at times frequent the location while in transit. The current state of most of the vegetation (recently burnt) also makes much marginal in quality as habitat. Rocky areas in proposed open pit locations appear totally unsuitable.

The status of the remaining species in the area is difficult to determine. Peregrine falcons are uncommon but have large home ranges so individuals may forage over the study area at times even if they are not resident in the specific area. The study area is at the extreme north eastern edge of Carnaby's black-cockatoos current documented range. It may occur occasionally but the diminished quality of the woodland/forest habitat as a consequence of recent fires may make the area unsuitable or at best very marginal.

4.2.4 Native Non-Volant Mammals

A total of ten, non-flying native mammal species were captured and/or observed during the field surveys. Based on the desktop study results another nine species may occur in the general area, subject to suitable habitat being present.

No species of conservation significance were recorded.

The targeted trapping program and the deployment of camera traps aimed at determining the presence of the chuditch (*Dasyurus geoffroii* –Vulnerable) failed to capture/detect any individuals. These results suggest, given the relative small size of the study area, the density of traps, number of trap nights over two seasons and over 1,000 camera trap days, that the species is absent from the area or at best present in extremely low numbers. The

presence of feral predators (cats and foxes) would also make it difficult for a population to persist in the area though transient individuals may occur on occasions.

The study area is at the extreme eastern edge of the western brush wallaby's (*Notamacropus irma* - Priority 4) current documented range and this coupled with the diminished quality of the habitat as a consequence of recent fires may make the area unsuitable or at best very marginal for this species. It has been listed as a potential species but the probability of occurrence can be regarded as low.

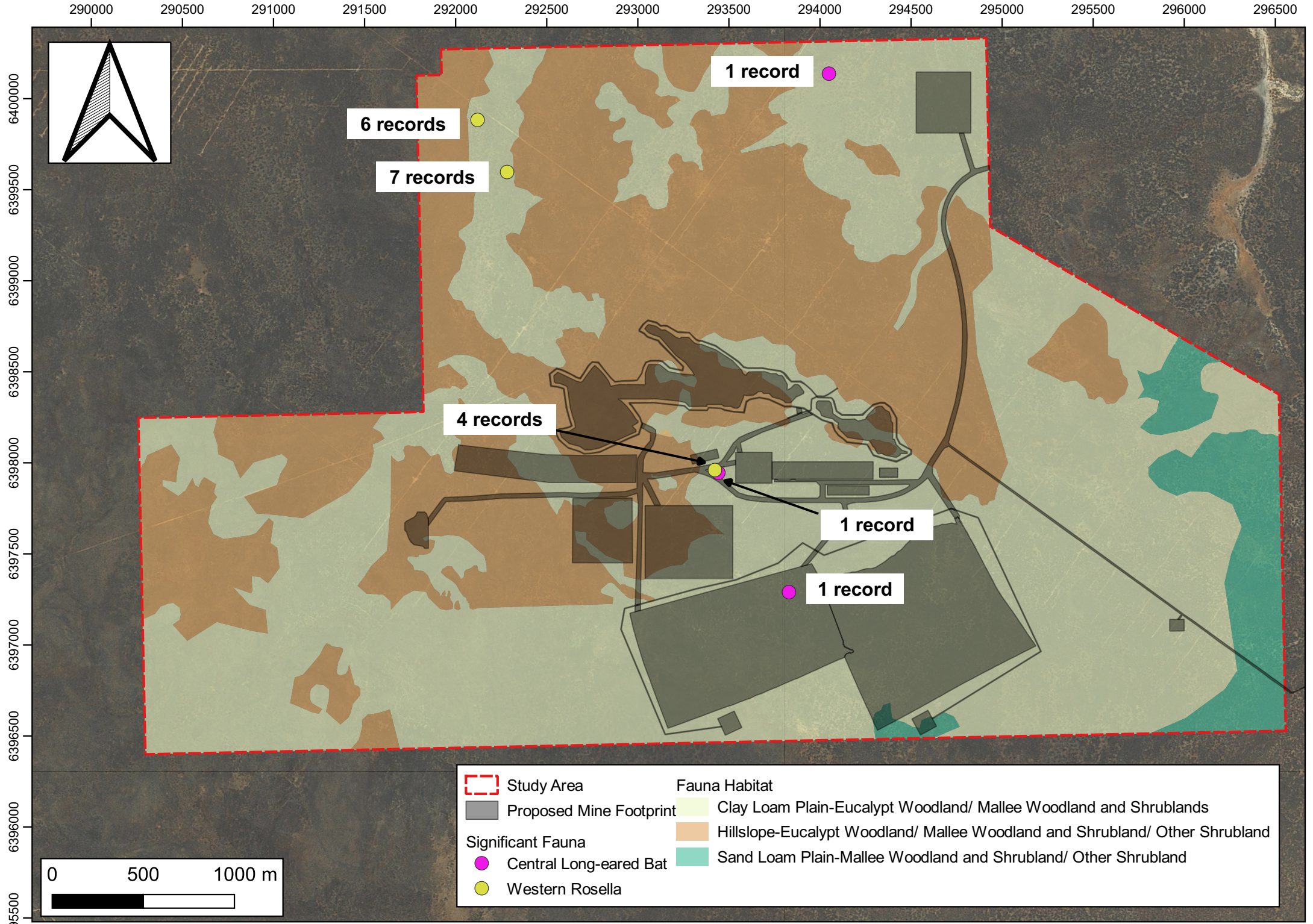
4.2.5 Bats

A total of eight bat species were recorded during the both phases of the field survey. Based on the desktop study results one other species of bat may occur in the general area, subject to suitable habitat being present.

One species of conservation significance, the central long-eared bat (*Nyctophilus major tor*), classified as Priority 3 by DBCA, was recorded on three occasions within the study area, near trap site 3, near trap site 6 and once at a location near the study areas southern boundary (see Figure 6). The species was also recorded at Lake Medcalf. This central long-eared bat has a wide distribution in arid areas along the southern coast of WA, east to Eyre Peninsula in South Australia and in general is considered to be common despite its Priority 4 classification.

4.2.6 Introduced Mammals

Five introduced mammal species were identified as being present during the field survey, these being the camel, cat, fox, rabbit and the house mouse.



1 record

6 records

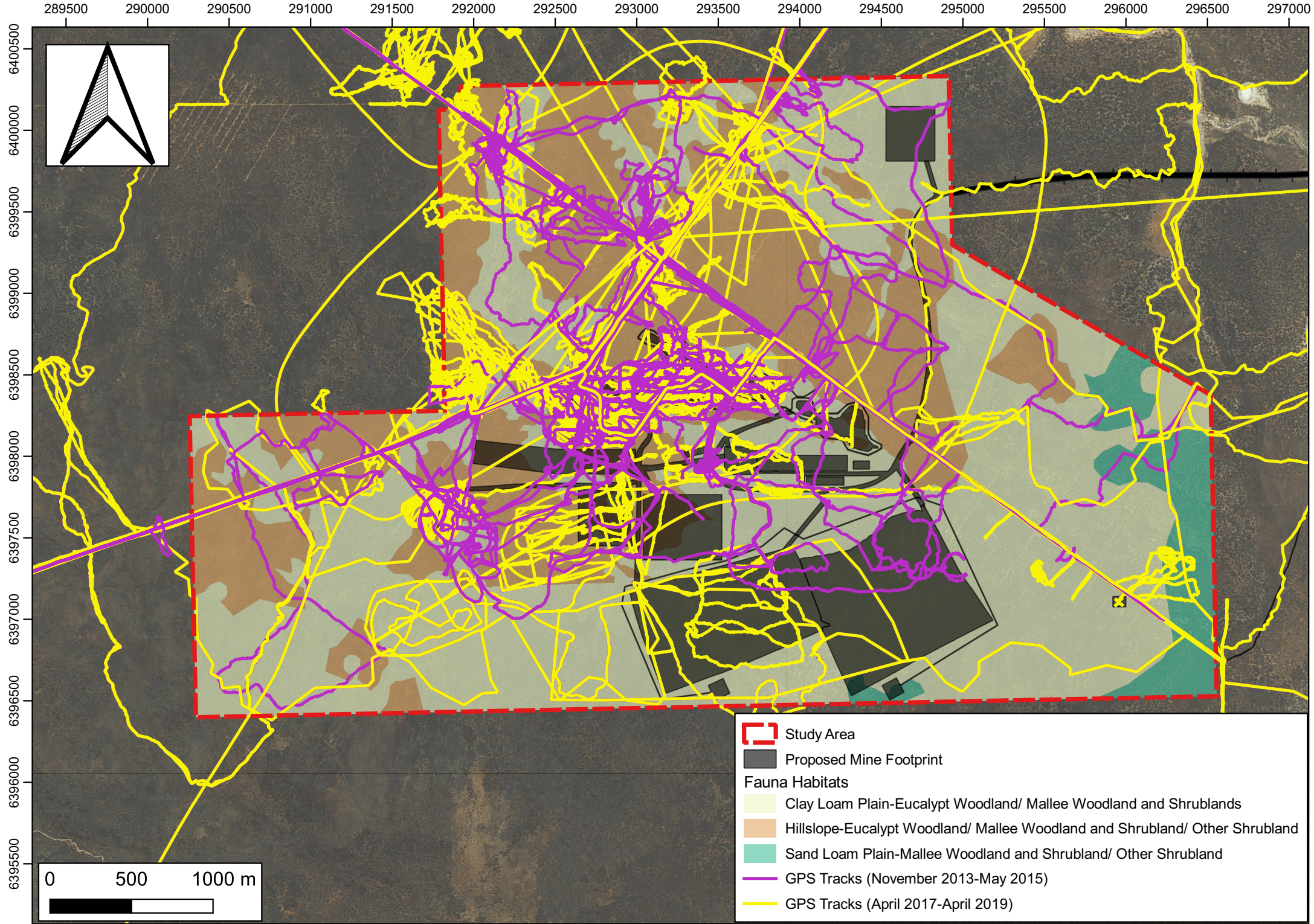
7 records

4 records

1 record

1 record

0 500 1000 m



5. POTENTIAL IMPACTS ON VERTEBRATE FAUNA OF CONSERVATION SIGNIFICANCE

While the exact location and extent of mining and associated infrastructure within the study area is not as yet finalised the possible impact on specific species of conservation significance recorded or potentially present in the general area, based on currently available information is provided in Table 10 below. These conclusions will need to be reviewed when final planning for the proposed mine are completed and input from regulatory authorities received.

Table 10: Likelihood of Occurrence and Possible Impacts – Fauna Species of Conservation Significance (continues on following pages)

Species	Conservation Status (see Appendix A for codes)			Habitat Present	Likelihood of Occurrence	Maximum Possible Impact
	EPBC Act	BC Act	DBCA Priority			
Lake Cronin Snake <i>Paroplocephalus atriceps</i>	-	-	P3	Yes/Marginal?	Possible, though no evidence of current use	Loss/modification of small areas of potential habitat. No significant impact likely.
Malleefowl <i>Leipoa ocellata</i>	VU	VU	-	Yes/Marginal?	Possible, though no evidence of current or previous use	Loss/modification of small areas of potential habitat. No significant impact likely.
Peregrine Falcon <i>Falco peregrinus</i>	-	OS	-	Yes/Marginal?	Possible, though no evidence of current use	Loss/modification of an area of potential habitat. No significant impact likely.
Migratory Shorebirds and Seabirds	MI	MI	Various	No	Unlikely.	No impact.
Grey Wagtail <i>Motacilla cinerea</i>	MI	MI	-	No	Would not Occur	No impact.
Hooded Plover <i>Charadrius rubricollis</i>	-	-	P4	No	Unlikely.	No impact.
Western Rosella (Inland ssp) <i>Platycercus icterotis xanthogenys</i>	-	-	P4	Yes	Known to occur	Loss/modification of a small area of potential habitat. No significant impact likely.
Carnaby's Black- Cockatoo <i>Calyptorhynchus latirostris</i>	EN	EN	-	Yes/Marginal?	Possible, though no evidence of current use	Loss/modification of small areas of potential habitat. No significant impact likely.
Fork-tailed Swift <i>Apus pacificus</i>	MI	MI	-	Yes	Flyover only.	No impact.
Chuditch <i>Dasyurus geoffroi</i>	VU	VU	-	Yes/Marginal?	Possible, though no evidence of current use	Loss/modification of small areas of potential habitat. No significant impact likely.

Species	Conservation Status (see Appendix A for codes)			Habitat Present	Likelihood of Occurrence	Maximum Possible Impact
	EPBC Act	BC Act	DBCA Priority			
Western Brush Wallaby <i>Notamacropus irma</i>	-	-	P4	Yes/Marginal?	Possible, though no evidence of current use	Loss/modification of small areas of potential habitat. No significant impact likely.
Central Long-eared Bat <i>Nyctophilus major tor</i>	-	-	P3	Yes	Known to occur.	Loss/modification of a small area of potential habitat. No significant impact likely.

Despite the potential for the loss of habitat in use or possibly suitable for some species of conservation significance, the assessment suggests that no species has the potential to be affected to any significant degree by the proposal to develop a mine in the area. Evidence gathered to date suggests that a significant proportion of the species discussed are locally extinct or unlikely to use the site due to a lack of suitable habitat. Those species that potentially utilise the site have relatively wide ranging distributions and/or will persist in adjoining unaffected areas given the presence of extensive areas of similar habitat nearby. It is not anticipated that the loss/modification of small areas of habitat on a local scale will result in a change in the status of any fauna species (i.e. cause population decline or localised extinction).

Of primary interest is that fact that no evidence of the chuditch or the malleefowl was found within the areas investigated. This would suggest that both species are absent from the area or that the area is not of particular importance to either species. At this stage therefore, it is considered unlikely that development of a mine at the site will have any significant impact on either of these species or their preferred habitat.

6. CONCLUSION & RECOMMENDATIONS

The two-phase seasonal Level 2 fauna survey within the Medcalf Vanadium Project Area was undertaken during November 2013 and March 2014 for the purposes of providing baseline data on the fauna assemblages present and to identify possible development constraints.

The field survey recorded 119 native and five introduced vertebrate species. The identified assemblage included one species of frog, 32 species of reptiles, 68 species of birds, and 18 native mammals (including 8 species of bat). Two species of conservation significance were recorded, these being the inland sub-species of the western rosella (Priority 4), and the central long-eared bat (Priority 3).

No evidence of two fauna species of primary interest, the chuditch or the malleefowl (both classified as Vulnerable on state and federal lists) was found within the areas investigated despite targeted trapping and surveys being carried out.

Evidence gathered to date suggests that no vertebrate fauna species of conservation significance has the potential to be affected to any significant degree by the proposal to develop a mine in the area given that most have wide ranging distributions and/or will persist in adjoining unaffected areas given the presence of extensive areas of similar habitat nearby. It is therefore not anticipated that the loss/modification of small areas of habitat on a local scale will result in a change in the status of any fauna species (i.e. cause population decline or localised extinction).

This conclusion will need to be reviewed when final planning for the proposed mine are completed.

Based on the fauna survey results reported on here it is recommended that:

- The results of the fauna survey should be provided to the relevant regulatory authorities (e.g. DBCA) and interest groups for review and comment so as to ensure ongoing compliance with their current or future requirements.
- Ongoing planning for development should aim to locate infrastructure so as to minimise as much as reasonable and practical the area of remnant vegetation requiring removal. Existing cleared areas/tracks should be used in preference to clearing additional areas. Areas of larger trees should be avoided if possible as they have the potential to provide significant microhabitats (e.g. tree hollows).
- Infrastructure should be positioned to avoid or minimise the disruption to surface and sub-surface hydrology where possible. Levees and drains designed to mimic natural drainage flows should be incorporated in plans where disruptions may occur.
- If the mining proposal proceeds, a fauna management plan should be formulated with reference to the above mentioned recommendations, where considered relevant, with the aim of minimising impacts on fauna during construction and ongoing operations at the propose mine site. The management plan should also

include aspects of feral animal management in particular in relation to cats and foxes so that activities such as rubbish disposal do not encourage or result in an increase in population numbers (for example).

- Based on the results obtained to date, no referral of the project to the federal Department of the Environment with respect to likely impacts on *EPBC Act* listed fauna species is considered warranted given that none appear to be utilising the site to any significant degree.

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APPENDIX A

Conservation Categories

EPBC Act (1999) 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	CE	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	Migratory	(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 <i>EPBC Act</i>

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

Wildlife Conservation (Specially Protected Fauna) Notice 2015 Categories

Published as Specially Protected under the *Wildlife Conservation Act 1950*, and listed under Schedules 1 to 7 of the Wildlife Conservation (Specially Protected Fauna) Notice.

The assessment of the conservation status of these species is based on their national extent and ranked according to their level of threat using IUCN Red List categories and criteria as detailed below.

Category	Code	Description
Schedule 1 Critically Endangered species	CR	Threatened species considered to be facing an extremely high risk of extinction in the wild.
Schedule 2 Endangered species	EN	Threatened species considered to be facing a very high risk of extinction in the wild.
Schedule 3 Vulnerable species	VU	Threatened species considered to be facing a high risk of extinction in the wild.
Schedule 4 Presumed extinct species	EX	Species which have been adequately searched for and there is no reasonable doubt that the last individual has died.
Schedule 5 Migratory birds protected under an international agreement	IA	Birds that are subject to an agreement between the government of Australia and the governments of Japan (JAMBA), China (CAMBA) and The Republic of Korea (ROKAMBA), and the Bonn Convention, relating to the protection of migratory birds.
Schedule 6 Fauna that is of special conservation need as conservation dependent fauna	CD	Fauna of special conservation need being species dependent on ongoing conservation intervention to prevent it becoming eligible for listing as threatened.
Schedule 7 Other specially protected fauna.	OS	Fauna otherwise in need of special protection to ensure their conservation.

Western Australian DPaW Priority Fauna Categories

Possibly threatened species that do not meet survey criteria, or are otherwise data deficient, are added to the Priority Fauna under Priorities 1, 2 or 3. These three categories are ranked in order of priority for survey and evaluation of conservation status so that consideration can be given to their declaration as threatened flora or fauna.

Species that are adequately known, are rare but not threatened, or meet criteria for near threatened, or that have been recently removed from the threatened species or other specially protected fauna lists for other than taxonomic reasons, are placed in Priority 4. These species require regular monitoring.

Assessment of Priority codes 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.

Category	Code	Description
Priority 1 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, e.g. 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 and appear to be under immediate threat from known threatening processes. Such species are in urgent need of further survey.
Priority 2 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, e.g. 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 and appear to be under threat from known threatening processes. Such species are in urgent need of further survey.
Priority 3 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. Such species are in need of further survey.
Priority 4 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 do not qualify for Conservation Dependent, but that are close to qualifying for Vulnerable. (c) Species that have been removed from the list of threatened species during the past five years for reasons other than taxonomy.

*Species includes all taxa (plural of taxon - a classificatory group of any taxonomic rank, e.g. a family, genus, species or any infraspecific category i.e. subspecies or variety, or a distinct population).

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:

<http://www.iucnredlist.org/technical-documents/categories-and-criteria/2001-categories-criteria>

APPENDIX B

Fauna Trap, Recording and Search Sites – Details

Phase 1
Pit/Funnel/Elliot Trap Site Coordinates
Datum - Australian Geocentric 1994 (GDA94)

Trap Site	MGA			Opened	Closed	Nights
	Zone	mE	mN			
1.01	51H	292120	6399933	11/11/2013	18/11/2013	7
1.02	51H	292122	6399903	11/11/2013	18/11/2013	7
1.03	51H	292106	6399891	11/11/2013	18/11/2013	7
1.04	51H	292085	6399882	11/11/2013	18/11/2013	7
1.05	51H	292081	6399845	11/11/2013	18/11/2013	7
1.06	51H	292076	6399816	11/11/2013	18/11/2013	7
1.07	51H	292091	6399799	11/11/2013	18/11/2013	7
1.08	51H	292099	6399775	11/11/2013	18/11/2013	7
1.09	51H	292122	6399754	11/11/2013	18/11/2013	7
1.10	51H	292141	6399743	11/11/2013	18/11/2013	7
2.01	51H	293575	6398387	12/11/2013	19/11/2013	7
2.02	51H	293565	6398398	12/11/2013	19/11/2013	7
2.03	51H	293553	6398410	12/11/2013	19/11/2013	7
2.04	51H	293542	6398423	12/11/2013	19/11/2013	7
2.05	51H	293494	6398454	12/11/2013	19/11/2013	7
2.06	51H	293487	6398473	12/11/2013	19/11/2013	7
2.07	51H	293475	6398488	12/11/2013	19/11/2013	7
2.08	51H	293449	6398499	12/11/2013	19/11/2013	7
2.09	51H	293434	6398511	12/11/2013	19/11/2013	7
2.10	51H	293404	6398531	12/11/2013	19/11/2013	7
3.01	51H	293382	6397955	12/11/2013	19/11/2013	7
3.02	51H	293391	6397950	12/11/2013	19/11/2013	7
3.03	51H	293402	6397951	12/11/2013	19/11/2013	7
3.04	51H	293416	6397954	12/11/2013	19/11/2013	7
3.05	51H	293425	6397963	12/11/2013	19/11/2013	7
3.06	51H	293448	6397961	12/11/2013	19/11/2013	7
3.07	51H	293466	6397962	12/11/2013	19/11/2013	7
3.08	51H	293474	6397959	12/11/2013	19/11/2013	7
3.09	51H	293491	6397965	12/11/2013	19/11/2013	7
3.10	51H	293508	6397964	12/11/2013	19/11/2013	7

Phase 1
Pit/Funnel/Elliot Trap Site Coordinates
Datum - Australian Geocentric 1994 (GDA94)

Trap Site	MGA			Opened	Closed	Nights
	Zone	mE	mN			
4.01	51H	293036	6398423	12/11/2013	19/11/2013	7
4.02	51H	293029	6398432	12/11/2013	19/11/2013	7
4.03	51H	293021	6398446	12/11/2013	19/11/2013	7
4.04	51H	293011	6398454	12/11/2013	19/11/2013	7
4.05	51H	293003	6398459	12/11/2013	19/11/2013	7
4.06	51H	293007	6398478	12/11/2013	19/11/2013	7
4.07	51H	293004	6398489	12/11/2013	19/11/2013	7
4.08	51H	293008	6398499	12/11/2013	19/11/2013	7
4.09	51H	293008	6398509	12/11/2013	19/11/2013	7
4.10	51H	293014	6398519	12/11/2013	19/11/2013	7
5.01	51H	294115	6398620	13/11/2013	20/11/2013	7
5.02	51H	294103	6398603	13/11/2013	20/11/2013	7
5.03	51H	294098	6398584	13/11/2013	20/11/2013	7
5.04	51H	294092	6398569	13/11/2013	20/11/2013	7
5.05	51H	294085	6398560	13/11/2013	20/11/2013	7
5.06	51H	294069	6398542	13/11/2013	20/11/2013	7
5.07	51H	294057	6398526	13/11/2013	20/11/2013	7
5.08	51H	294040	6398516	13/11/2013	20/11/2013	7
5.09	51H	294030	6398506	13/11/2013	20/11/2013	7
5.10	51H	294021	6398492	13/11/2013	20/11/2013	7
6.01	51H	293801	6400252	13/11/2013	20/11/2013	7
6.02	51H	293812	6400237	13/11/2013	20/11/2013	7
6.03	51H	293823	6400225	13/11/2013	20/11/2013	7
6.04	51H	293828	6400215	13/11/2013	20/11/2013	7
6.05	51H	293840	6400203	13/11/2013	20/11/2013	7
6.06	51H	293856	6400188	13/11/2013	20/11/2013	7
6.07	51H	293863	6400184	13/11/2013	20/11/2013	7
6.08	51H	293874	6400179	13/11/2013	20/11/2013	7
6.09	51H	293883	6400175	13/11/2013	20/11/2013	7
6.10	51H	293895	6400172	13/11/2013	20/11/2013	7

Phase 2
Pit/Funnel/Elliot Trap Site Coordinates
Datum - Australian Geocentric 1994 (GDA94)

Trap Site	MGA			Opened	Closed	Nights
	Zone	mE	mN			
1.01	51H	292120	6399933	10/03/2014	17/03/2014	7
1.02	51H	292122	6399903	10/03/2014	17/03/2014	7
1.03	51H	292106	6399891	10/03/2014	17/03/2014	7
1.04	51H	292085	6399882	10/03/2014	17/03/2014	7
1.05	51H	292081	6399845	10/03/2014	17/03/2014	7
1.06	51H	292076	6399816	10/03/2014	17/03/2014	7
1.07	51H	292091	6399799	10/03/2014	17/03/2014	7
1.08	51H	292099	6399775	10/03/2014	17/03/2014	7
1.09	51H	292122	6399754	10/03/2014	17/03/2014	7
1.10	51H	292141	6399743	10/03/2014	17/03/2014	7
2.01	51H	293575	6398387	11/03/2014	18/03/2014	7
2.02	51H	293565	6398398	11/03/2014	18/03/2014	7
2.03	51H	293553	6398410	11/03/2014	18/03/2014	7
2.04	51H	293542	6398423	11/03/2014	18/03/2014	7
2.05	51H	293494	6398454	11/03/2014	18/03/2014	7
2.06	51H	293487	6398473	11/03/2014	18/03/2014	7
2.07	51H	293475	6398488	11/03/2014	18/03/2014	7
2.08	51H	293449	6398499	11/03/2014	18/03/2014	7
2.09	51H	293434	6398511	11/03/2014	18/03/2014	7
2.10	51H	293404	6398531	11/03/2014	18/03/2014	7
3.01	51H	293382	6397955	11/03/2014	18/03/2014	7
3.02	51H	293391	6397950	11/03/2014	18/03/2014	7
3.03	51H	293402	6397951	11/03/2014	18/03/2014	7
3.04	51H	293416	6397954	11/03/2014	18/03/2014	7
3.05	51H	293425	6397963	11/03/2014	18/03/2014	7
3.06	51H	293448	6397961	11/03/2014	18/03/2014	7
3.07	51H	293466	6397962	11/03/2014	18/03/2014	7
3.08	51H	293474	6397959	11/03/2014	18/03/2014	7
3.09	51H	293491	6397965	11/03/2014	18/03/2014	7
3.10	51H	293508	6397964	11/03/2014	18/03/2014	7

Phase 2
Pit/Funnel/Elliot Trap Site Coordinates
Datum - Australian Geocentric 1994 (GDA94)

Trap Site	MGA			Opened	Closed	Nights
	Zone	mE	mN			
4.01	51H	293036	6398423	11/03/2014	18/03/2014	7
4.02	51H	293029	6398432	11/03/2014	18/03/2014	7
4.03	51H	293021	6398446	11/03/2014	18/03/2014	7
4.04	51H	293011	6398454	11/03/2014	18/03/2014	7
4.05	51H	293003	6398459	11/03/2014	18/03/2014	7
4.06	51H	293007	6398478	11/03/2014	18/03/2014	7
4.07	51H	293004	6398489	11/03/2014	18/03/2014	7
4.08	51H	293008	6398499	11/03/2014	18/03/2014	7
4.09	51H	293008	6398509	11/03/2014	18/03/2014	7
4.10	51H	293014	6398519	11/03/2014	18/03/2014	7
5.01	51H	294115	6398620	10/03/2014	17/03/2014	7
5.02	51H	294103	6398603	10/03/2014	17/03/2014	7
5.03	51H	294098	6398584	10/03/2014	17/03/2014	7
5.04	51H	294092	6398569	10/03/2014	17/03/2014	7
5.05	51H	294085	6398560	10/03/2014	17/03/2014	7
5.06	51H	294069	6398542	10/03/2014	17/03/2014	7
5.07	51H	294057	6398526	10/03/2014	17/03/2014	7
5.08	51H	294040	6398516	10/03/2014	17/03/2014	7
5.09	51H	294030	6398506	10/03/2014	17/03/2014	7
5.10	51H	294021	6398492	10/03/2014	17/03/2014	7
6.01	51H	293801	6400252	11/03/2014	18/03/2014	7
6.02	51H	293812	6400237	11/03/2014	18/03/2014	7
6.03	51H	293823	6400225	11/03/2014	18/03/2014	7
6.04	51H	293828	6400215	11/03/2014	18/03/2014	7
6.05	51H	293840	6400203	11/03/2014	18/03/2014	7
6.06	51H	293856	6400188	11/03/2014	18/03/2014	7
6.07	51H	293863	6400184	11/03/2014	18/03/2014	7
6.08	51H	293874	6400179	11/03/2014	18/03/2014	7
6.09	51H	293883	6400175	11/03/2014	18/03/2014	7
6.10	51H	293895	6400172	11/03/2014	18/03/2014	7

Phase 1
 Chuditch Trapping (Cages/Large Elliots)
 Datum - Australian Geocentric 1994 (GDA94)

North/South Track

Trap Id	MGA			Opened	Closed	Nights
	Zone	mE	mN			
wpt011	51H	291933	6400095	11/11/2013	19/11/2013	8
wpt012	51H	292005	6400043	11/11/2013	19/11/2013	8
wpt013	51H	292090	6399976	11/11/2013	19/11/2013	8
wpt014	51H	292190	6399906	11/11/2013	19/11/2013	8
wpt015	51H	292256	6399857	11/11/2013	19/11/2013	8
wpt016	51H	292333	6399799	11/11/2013	19/11/2013	8
wpt017	51H	292445	6399721	11/11/2013	19/11/2013	8
wpt018	51H	292503	6399680	11/11/2013	19/11/2013	8
wpt019	51H	292579	6399626	11/11/2013	19/11/2013	8
wpt020	51H	292662	6399566	11/11/2013	19/11/2013	8
wpt021	51H	292742	6399508	11/11/2013	19/11/2013	8
wpt022	51H	292811	6399461	11/11/2013	19/11/2013	8
wpt023	51H	293067	6399275	11/11/2013	19/11/2013	8
wpt024	51H	293156	6399208	11/11/2013	19/11/2013	8
wpt025	51H	293229	6399156	11/11/2013	19/11/2013	8
wpt026	51H	293312	6399099	11/11/2013	19/11/2013	8
wpt027	51H	293396	6399042	11/11/2013	19/11/2013	8
wpt028	51H	293468	6398987	11/11/2013	19/11/2013	8
wpt029	51H	293547	6398926	11/11/2013	19/11/2013	8
wpt030	51H	293804	6398744	11/11/2013	19/11/2013	8
wpt031	51H	293883	6398688	11/11/2013	19/11/2013	8
wpt032	51H	293964	6398632	11/11/2013	19/11/2013	8
wpt033	51H	294051	6398567	11/11/2013	19/11/2013	8
wpt034	51H	294148	6398496	11/11/2013	19/11/2013	8
wpt035	51H	294221	6398445	11/11/2013	19/11/2013	8
wpt036	51H	294295	6398392	11/11/2013	19/11/2013	8
wpt037	51H	294371	6398336	11/11/2013	19/11/2013	8
wpt038	51H	294456	6398273	11/11/2013	19/11/2013	8
wpt039	51H	294539	6398224	11/11/2013	19/11/2013	8
wpt040	51H	294618	6398164	11/11/2013	19/11/2013	8
wpt041	51H	294700	6398103	11/11/2013	19/11/2013	8
wpt042	51H	294779	6398042	11/11/2013	19/11/2013	8
wpt043	51H	294867	6397981	11/11/2013	19/11/2013	8
wpt044	51H	294946	6397925	11/11/2013	19/11/2013	8
wpt045	51H	293640	6398884	11/11/2013	19/11/2013	8
wpt047	51H	292987	6399338	11/11/2013	19/11/2013	8
wpt048	51H	293722	6398807	11/11/2013	19/11/2013	8
wpt049	51H	292899	6399397	11/11/2013	19/11/2013	8

Phase 1
 Chuditch Trapping (Cages/Large Elliots)
 Datum - Australian Geocentric 1994 (GDA94)

East/West Track

Trap Id	MGA			Opened	Closed	Nights
	Zone	mE	mN			
wpt077	51H	293217	6399293	13/11/2013	19/11/2013	6
wpt078	51H	293273	6399374	13/11/2013	19/11/2013	6
wpt079	51H	293331	6399455	13/11/2013	19/11/2013	6
wpt080	51H	293390	6399540	13/11/2013	19/11/2013	6
wpt081	51H	293450	6399624	13/11/2013	19/11/2013	6
wpt082	51H	293503	6399702	13/11/2013	19/11/2013	6
wpt083	51H	293562	6399785	13/11/2013	19/11/2013	6
wpt084	51H	293620	6399868	13/11/2013	19/11/2013	6
wpt085	51H	293687	6399940	13/11/2013	19/11/2013	6
wpt086	51H	293732	6400020	13/11/2013	19/11/2013	6
wpt087	51H	293792	6400109	13/11/2013	19/11/2013	6
wpt088	51H	293853	6400195	13/11/2013	19/11/2013	6
wpt089	51H	293919	6400292	13/11/2013	19/11/2013	6
wpt090	51H	293102	6399133	13/11/2013	19/11/2013	6
wpt091	51H	293036	6399041	13/11/2013	19/11/2013	6
wpt092	51H	292988	6398973	13/11/2013	19/11/2013	6
wpt093	51H	292923	6398884	13/11/2013	19/11/2013	6
wpt094	51H	292862	6398798	13/11/2013	19/11/2013	6
wpt095	51H	292810	6398717	13/11/2013	19/11/2013	6
wpt096	51H	292750	6398634	13/11/2013	19/11/2013	6
wpt097	51H	292691	6398553	13/11/2013	19/11/2013	6
wpt098	51H	292585	6398495	13/11/2013	19/11/2013	6
wpt099	51H	292501	6398463	13/11/2013	19/11/2013	6
wpt100	51H	292413	6398428	13/11/2013	19/11/2013	6
wpt101	51H	292325	6398390	13/11/2013	19/11/2013	6
wpt102	51H	292225	6398352	13/11/2013	19/11/2013	6
wpt103	51H	292143	6398314	13/11/2013	19/11/2013	6
wpt104	51H	292049	6398278	13/11/2013	19/11/2013	6
wpt105	51H	291934	6398260	13/11/2013	19/11/2013	6
wpt106	51H	291844	6398215	13/11/2013	19/11/2013	6
wpt107	51H	291761	6398160	13/11/2013	19/11/2013	6
wpt108	51H	291633	6398111	13/11/2013	19/11/2013	6

Phase 1 Total 496

Phase 2
 Chuditch Trapping (Cages/Large Elliots)
 Datum - Australian Geocentric 1994 (GDA94)

North/South Track

Trap Id	Zone	MGA		Opened	Closed	Nights
		mE	mN			
wpt011	51H	291933	6400095	11/03/2014	17/03/2014	6
wpt012	51H	292005	6400043	11/03/2014	17/03/2014	6
wpt013	51H	292090	6399976	11/03/2014	17/03/2014	6
wpt014	51H	292190	6399906	11/03/2014	17/03/2014	6
wpt015	51H	292256	6399857	11/03/2014	17/03/2014	6
wpt016	51H	292333	6399799	11/03/2014	17/03/2014	6
wpt017	51H	292445	6399721	11/03/2014	17/03/2014	6
wpt018	51H	292503	6399680	11/03/2014	17/03/2014	6
wpt019	51H	292579	6399626	11/03/2014	17/03/2014	6
wpt020	51H	292662	6399566	11/03/2014	17/03/2014	6
wpt021	51H	292742	6399508	11/03/2014	17/03/2014	6
wpt022	51H	292811	6399461	11/03/2014	17/03/2014	6
wpt023	51H	293067	6399275	11/03/2014	17/03/2014	6
wpt024	51H	293156	6399208	11/03/2014	17/03/2014	6
wpt025	51H	293229	6399156	11/03/2014	17/03/2014	6
wpt026	51H	293312	6399099	11/03/2014	17/03/2014	6
wpt027	51H	293396	6399042	11/03/2014	17/03/2014	6
wpt028	51H	293468	6398987	11/03/2014	17/03/2014	6
wpt029	51H	293547	6398926	11/03/2014	17/03/2014	6
wpt030	51H	293804	6398744	11/03/2014	17/03/2014	6
wpt031	51H	293883	6398688	11/03/2014	17/03/2014	6
wpt032	51H	293964	6398632	11/03/2014	17/03/2014	6
wpt033	51H	294051	6398567	11/03/2014	17/03/2014	6
wpt034	51H	294148	6398496	11/03/2014	17/03/2014	6
wpt035	51H	294221	6398445	11/03/2014	17/03/2014	6
wpt036	51H	294295	6398392	11/03/2014	17/03/2014	6
wpt037	51H	294371	6398336	11/03/2014	17/03/2014	6
wpt038	51H	294456	6398273	11/03/2014	17/03/2014	6
wpt039	51H	294539	6398224	11/03/2014	17/03/2014	6
wpt040	51H	294618	6398164	11/03/2014	17/03/2014	6
wpt041	51H	294700	6398103	11/03/2014	17/03/2014	6
wpt042	51H	294779	6398042	11/03/2014	17/03/2014	6
wpt043	51H	294867	6397981	11/03/2014	17/03/2014	6
wpt044	51H	294946	6397925	11/03/2014	17/03/2014	6
wpt045	51H	293640	6398884	11/03/2014	17/03/2014	6
wpt047	51H	292987	6399338	11/03/2014	17/03/2014	6
wpt048	51H	293722	6398807	11/03/2014	17/03/2014	6
wpt049	51H	292899	6399397	11/03/2014	17/03/2014	6

Phase 2
 Chuditch Trapping (Cages/Large Elliots)
 Datum - Australian Geocentric 1994 (GDA94)

East/West Track

Trap Id	Zone	MGA		Opened	Closed	Nights
		mE	mN			
wpt077	51H	293217	6399293	11/03/2014	17/03/2014	6
wpt078	51H	293273	6399374	13/11/2013	19/11/2013	6
wpt079	51H	293331	6399455	13/11/2013	19/11/2013	6
wpt080	51H	293390	6399540	13/11/2013	19/11/2013	6
wpt081	51H	293450	6399624	13/11/2013	19/11/2013	6
wpt082	51H	293503	6399702	13/11/2013	19/11/2013	6
wpt083	51H	293562	6399785	13/11/2013	19/11/2013	6
wpt084	51H	293620	6399868	13/11/2013	19/11/2013	6
wpt085	51H	293687	6399940	13/11/2013	19/11/2013	6
wpt086	51H	293732	6400020	13/11/2013	19/11/2013	6
wpt087	51H	293792	6400109	13/11/2013	19/11/2013	6
wpt088	51H	293853	6400195	13/11/2013	19/11/2013	6
wpt089	51H	293919	6400292	13/11/2013	19/11/2013	6
wpt090	51H	293102	6399133	13/11/2013	19/11/2013	6
wpt091	51H	293036	6399041	13/11/2013	19/11/2013	6
wpt092	51H	292988	6398973	13/11/2013	19/11/2013	6
wpt093	51H	292923	6398884	13/11/2013	19/11/2013	6
wpt094	51H	292862	6398798	13/11/2013	19/11/2013	6
wpt095	51H	292810	6398717	13/11/2013	19/11/2013	6
wpt096	51H	292750	6398634	13/11/2013	19/11/2013	6
wpt097	51H	292691	6398553	13/11/2013	19/11/2013	6
wpt098	51H	292585	6398495	13/11/2013	19/11/2013	6
wpt099	51H	292501	6398463	13/11/2013	19/11/2013	6
wpt100	51H	292413	6398428	13/11/2013	19/11/2013	6
wpt101	51H	292325	6398390	13/11/2013	19/11/2013	6
wpt102	51H	292225	6398352	13/11/2013	19/11/2013	6
wpt103	51H	292143	6398314	13/11/2013	19/11/2013	6
wpt104	51H	292049	6398278	13/11/2013	19/11/2013	6
wpt105	51H	291934	6398260	13/11/2013	19/11/2013	6
wpt106	51H	291844	6398215	13/11/2013	19/11/2013	6
wpt107	51H	291761	6398160	13/11/2013	19/11/2013	6
wpt108	51H	291633	6398111	13/11/2013	19/11/2013	6

Phase 2 Total 420

P1 & P2 Combine Total 916

Phase 1

Bat Recording Sites

Datum - Australian Geocentric 1994 (GDA94)

ID	Zone	MGA		Sunset	Sunrise
		mE	mN	Commenced	Ended
BAT 1	51H	293038	6399334	13/11/2013	14/11/2013
BAT 2	51H	293442	6397945	14/11/2013	15/11/2013
BAT 3	51H	292136	6399947	15/11/2013	16/11/2013
BAT 4	51H	293299	6398639	16/11/2013	17/11/2013

Phase2

Bat Recording Sites

Datum - Australian Geocentric 1994 (GDA94)

ID	Zone	MGA		Sunset	Sunrise
		mE	mN	Commenced	Ended
BAT 5	51H	294049	6400138	11/03/2014	12/03/2014
BAT 6	51H	295950	6402985	12/03/2014	13/03/2014
BAT 7	51H	291925	6397778	13/03/2014	14/03/2014
BAT 8	51H	294184	6398332	14/03/2014	15/03/2014
BAT 10	51H	293830	6397290	16/03/2014	17/03/2014

Unit= Song Meter SM2BAT+

Camera Trap Sites

Datum - Australian Geocentric 1994 (GDA94)

Camera ID	ypoint Num	Zone	mE	mN	Site Description	Start Date	End Date	Days	No. Photos	
Cam 25	wpt051	51H	294086	6398530	TS 5 - Dwarf scrub - Regrowth – Flats/Low Hills	14/11/2013	10/03/2014	116	1253	
Cam 26	wpt126	51H	293316	6398604	Breakaway with shallow caves/overhangs - Rocky Hill Slope	14/11/2013	20/11/2013	6	5445	
Cam 27	wpt127	51H	293284	6398679	Breakaway with shallow caves/overhangs - Rocky Hill Slope	14/11/2013	11/03/2014	117	219	
Cam 28	wpt128	51H	293471	6397956	TS 3 - Unburnt forest over low scrub and open dwarf scrub – Low Hill Crest/Slope	14/11/2013	14/11/2013	0	0	
Cam 29	wpt130	51H	292115	6399928	TS 1 - Burnt and unburnt forest/woodland over low/open dwarf scrub – Major Creek Line	14/11/2013	10/03/2014	116	539	
Cam 30	wpt146	51H	293939	6400192	TS 6 - Burnt woodland over dwarf scrub/grass – Minor Creek Line/Flats	18/11/2013	24/02/2014	98	1970	
Cam 31	wpt132	51H	293522	6398454	TS 2 - Burnt open tree mallee over open low/open dwarf scrub – Hill Crest	15/11/2013	6/12/2013	21	3464	
Cam 32	wpt135	51H	293038	6398429	TS 4 - Burnt open tree mallee over open low/open dwarf scrub – Hill Slope/Minor Creek Line	15/11/2013	11/03/2014	116	1317	
Cam 33	wpt138	51H	293065	6399701	Minor Creek line within woodland	15/11/2013	10/03/2014	115	1952	
Cam 34	wpt139	51H	291880	6397752	Rocky outcrop	15/11/2013	18/11/2013	3	3787	
Cam 35	wpt144	51H	293849	6397384	Small woodland amongst open tree mallee - flats	18/11/2013	10/03/2014	112	485	
Cam 36	wpt148	51H	293085	6398821	Small woodland amongst open tree mallee - base of hill slope	19/11/2013	12/03/2014	113	173	
Cam 1	wpt142	51H	295940	6402970	Lake Medcalf - Woodland on flats bordering salt lake	16/11/2013	12/03/2014	116	329	
								Totals	1049	20933

Unit = LTL Acorn 5210A

APPENDIX C

DBCA & *EPBC* Database Search Results

NatureMap - Medcalf

Created By Greg Harewood on 12/02/2020

Kingdom Animalia
Current Names Only Yes
Core Datasets Only Yes
Method 'By Circle'
Centre 120° 47' 54" E, 32° 31' 45" S
Buffer 40km
Group By Species Group

Species Group	Species	Records
Amphibian	2	7
Bird	106	1319
Invertebrate	2	7
Mammal	20	184
Reptile	36	611
TOTAL	166	2128

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
Amphibian				
1.	25420 <i>Myobatrachus gouldii</i> (Turtle Frog)			
2.	25434 <i>Pseudophryne occidentalis</i> (Western Toadlet)			
Bird				
3.	24559 <i>Acanthagenys rufogularis</i> (Spiny-cheeked Honeyeater)			
4.	24260 <i>Acanthiza apicalis</i> (Broad-tailed Thornbill, Inland Thornbill)			
5.	24261 <i>Acanthiza chrysorrhoa</i> (Yellow-rumped Thornbill)			
6.	24265 <i>Acanthiza uropygialis</i> (Chestnut-rumped Thornbill)			
7.	25535 <i>Accipiter cirrocephalus</i> (Collared Sparrowhawk)			
8.	25536 <i>Accipiter fasciatus</i> (Brown Goshawk)			
9.	25544 <i>Aegotheles cristatus</i> (Australian Owllet-nightjar)			
10.	24312 <i>Anas gracilis</i> (Grey Teal)			
11.	24316 <i>Anas superciliosa</i> (Pacific Black Duck)			
12.	24561 <i>Anthochaera carunculata</i> (Red Wattlebird)			
13.	25670 <i>Anthus australis</i> (Australian Pipit)			
14.	24285 <i>Aquila audax</i> (Wedge-tailed Eagle)			
15.	24610 <i>Ardeotis australis</i> (Australian Bustard)			
16.	25566 <i>Artamus cinereus</i> (Black-faced Woodswallow)			
17.	24353 <i>Artamus cyanopterus</i> (Dusky Woodswallow)			
18.	24356 <i>Artamus personatus</i> (Masked Woodswallow)			
19.	24357 <i>Artamus superciliosus</i> (White-browed Woodswallow)			
20.	<i>Barnardius zonarius</i>			
21.	25598 <i>Cacomantis flabelliformis</i> (Fan-tailed Cuckoo)			
22.	42307 <i>Cacomantis pallidus</i> (Pallid Cuckoo)			
23.	24269 <i>Calamanthus campestris</i> (Rufous Fieldwren)			
24.	24734 <i>Calyptorhynchus latirostris</i> (Carnaby's Cockatoo, White-tailed Short-billed Black Cockatoo)		T	
25.	24564 <i>Certhionyx variegatus</i> (Pied Honeyeater)			
26.	24377 <i>Charadrius ruficapillus</i> (Red-capped Plover)			
27.	47909 <i>Cheramoeca leucosterna</i> (White-backed Swallow)			
28.	24431 <i>Chrysococcyx basalis</i> (Horsfield's Bronze Cuckoo)			
29.	24774 <i>Cladorhynchus leucocephalus</i> (Banded Stilt)			
30.	25675 <i>Colluricincla harmonica</i> (Grey Shrike-thrush)			
31.	25568 <i>Coracina novaehollandiae</i> (Black-faced Cuckoo-shrike)			
32.	24416 <i>Corvus bennetti</i> (Little Crow)			
33.	25592 <i>Corvus coronoides</i> (Australian Raven)			
34.	25593 <i>Corvus orru</i> (Torresian Crow)			
35.	24671 <i>Coturnix pectoralis</i> (Stubble Quail)			
36.	24420 <i>Cracticus nigrogularis</i> (Pied Butcherbird)			
37.	25595 <i>Cracticus tibicen</i> (Australian Magpie)			
38.	25596 <i>Cracticus torquatus</i> (Grey Butcherbird)			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
39.	24322 <i>Cygnus atratus</i> (Black Swan)			
40.	25673 <i>Daphoenositta chrysoptera</i> (Varied Sittella)			
41.	25607 <i>Dicaeum hirundinaceum</i> (Mistletoebird)			
42.	24470 <i>Dromaius novaehollandiae</i> (Emu)			
43.	24650 <i>Drymodes brunneopygia</i> (Southern Scrub-robin)			
44.	25692 <i>Eopsaltria australis</i> (Yellow Robin)			
45.	24567 <i>Epthianura albifrons</i> (White-fronted Chat)			
46.	24368 <i>Eurostopodus argus</i> (Spotted Nightjar)			
47.	25621 <i>Falco berigora</i> (Brown Falcon)			
48.	25622 <i>Falco cenchroides</i> (Australian Kestrel, Nankeen Kestrel)			
49.	25623 <i>Falco longipennis</i> (Australian Hobby)			
50.	25677 <i>Falcunculus frontatus</i> (Crested Shrike-tit)			
51.	25530 <i>Gerygone fusca</i> (Western Gerygone)			
52.	47962 <i>Glyciphila melanops</i> (Tawny-crowned Honeyeater)			
53.	24443 <i>Grallina cyanoleuca</i> (Magpie-lark)			
54.	24295 <i>Haliastur sphenurus</i> (Whistling Kite)			
55.	24296 <i>Hamirostra isura</i> (Square-tailed Kite)			
56.	47965 <i>Hieraaetus morphnoides</i> (Little Eagle)			
57.	24491 <i>Hirundo neoxena</i> (Welcome Swallow)			
58.	34001 <i>Hylacola cauta</i> subsp. <i>whitlocki</i> (Shy Groundwren)			
59.	24367 <i>Lalage tricolor</i> (White-winged Triller)			
60.	24557 <i>Leipoa ocellata</i> (Malleefowl)		T	
61.	24573 <i>Lichenostomus cratitius</i> (Purple-gaped Honeyeater)			
62.	25659 <i>Lichenostomus leucotis</i> (White-eared Honeyeater)			
63.	25661 <i>Lichmera indistincta</i> (Brown Honeyeater)			
64.	25652 <i>Malurus leucopterus</i> (White-winged Fairy-wren)			
65.	24551 <i>Malurus pulcherrimus</i> (Blue-breasted Fairy-wren)			
66.	24583 <i>Manorina flavigula</i> (Yellow-throated Miner)			
67.	25758 <i>Megalurus gramineus</i> (Little Grassbird)			
68.	47997 <i>Melanodryas cucullata</i> (Hooded Robin)			
69.	25663 <i>Melithreptus brevirostris</i> (Brown-headed Honeyeater)			
70.	24736 <i>Melopsittacus undulatus</i> (Budgerigar)			
71.	24598 <i>Merops ornatus</i> (Rainbow Bee-eater)			
72.	25693 <i>Microeca fascinans</i> (Jacky Winter)			
73.	24742 <i>Nymphicus hollandicus</i> (Cockatiel)			
74.	24407 <i>Ocyphaps lophotes</i> (Crested Pigeon)			
75.	24618 <i>Oreoica gutturalis</i> (Crested Bellbird)			
76.	24619 <i>Pachycephala inornata</i> (Gilbert's Whistler)			
77.	25680 <i>Pachycephala rufiventris</i> (Rufous Whistler)			
78.	25681 <i>Pardalotus punctatus</i> (Spotted Pardalote)			
79.	24625 <i>Pardalotus punctatus</i> subsp. <i>punctatus</i> (Spotted Pardalote)			
80.	24627 <i>Pardalotus rubricatus</i> (Red-browed Pardalote)			
81.	25682 <i>Pardalotus striatus</i> (Striated Pardalote)			
82.	24630 <i>Pardalotus striatus</i> subsp. <i>westraliensis</i> (Striated Pardalote)			
83.	48061 <i>Petrochelidon nigricans</i> (Tree Martin)			
84.	24659 <i>Petroica goodenovii</i> (Red-capped Robin)			
85.	24409 <i>Phaps chalcoptera</i> (Common Bronzewing)			
86.	25587 <i>Phaps elegans</i> (Brush Bronzewing)			
87.	24596 <i>Phylidonyris novaehollandiae</i> (New Holland Honeyeater)			
88.	25720 <i>Platycercus icterotis</i> (Western Rosella)			
89.	24746 <i>Platycercus icterotis</i> subsp. <i>xanthogenys</i> (Western Rosella (inland))		P4	
90.	25721 <i>Platycercus zonarius</i> (Australian Ringneck, Ring-necked Parrot)			
91.	25703 <i>Podargus strigoides</i> (Tawny Frogmouth)			
92.	24681 <i>Poliiocephalus poliocephalus</i> (Hoary-headed Grebe)			
93.	25722 <i>Polytelis anthopeplus</i> (Regent Parrot)			
94.	24683 <i>Pomatostomus superciliosus</i> (White-browed Babbler)			
95.	42344 <i>Purnella albifrons</i> (White-fronted Honeyeater)			
96.	24278 <i>Pyrrholaemus brunneus</i> (Redthroat)			
97.	25614 <i>Rhipidura leucophrys</i> (Willie Wagtail)			
98.	25534 <i>Sericornis frontalis</i> (White-browed Scrubwren)			
99.	24279 <i>Sericornis frontalis</i> subsp. <i>maculatus</i> (White-browed Scrubwren)			
100.	30948 <i>Smicromis brevirostris</i> (Weebill)			
101.	25597 <i>Strepera versicolor</i> (Grey Currawong)			
102.	24331 <i>Tadorna tadornoides</i> (Australian Shelduck, Mountain Duck)			
103.	30870 <i>Taeniopygia guttata</i> (Zebra Finch)			
104.	48135 <i>Thinornis rubricollis</i> (Hooded Plover, Hooded Dotterel)		P4	
105.	42351 <i>Todiramphus pyrrhopygius</i> (Red-backed Kingfisher)			
106.	25549 <i>Todiramphus sanctus</i> (Sacred Kingfisher)			
107.	24851 <i>Turnix velox</i> (Little Button-quail)			
108.	25765 <i>Zosterops lateralis</i> (Grey-breasted White-eye, Silveryeye)			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
Invertebrate				
109.	<i>Aname mainae</i>			
110.	<i>Parartemia serventyi</i>			
Mammal				
111.	24254 <i>Camelus dromedarius</i> (Dromedary, Camel)	Y		
112.	24086 <i>Cercartetus concinnus</i> (Western Pygmy-possum, Mundarda)			
113.	24186 <i>Chalinolobus gouldii</i> (Gould's Wattle Bat)			
114.	24187 <i>Chalinolobus morio</i> (Chocolate Wattle Bat)			
115.	24041 <i>Felis catus</i> (Cat)	Y		
116.	24132 <i>Macropus fuliginosus</i> (Western Grey Kangaroo)			
117.	24223 <i>Mus musculus</i> (House Mouse)	Y		
118.	24229 <i>Notomys mitchellii</i> (Mitchell's Hopping-mouse)			
119.	24194 <i>Nyctophilus geoffroyi</i> (Lesser Long-eared Bat)			
120.	43367 <i>Nyctophilus major</i> subsp. <i>tor</i> (Central Long-eared Bat)		P3	
121.	24085 <i>Oryctolagus cuniculus</i> (Rabbit)	Y		
122.	24230 <i>Pseudomys albocinereus</i> (Ash-grey Mouse)			
123.	24232 <i>Pseudomys bolami</i> (Bolam's Mouse)			
124.	24237 <i>Pseudomys hermannsburgensis</i> (Sandy Inland Mouse)			
125.	24199 <i>Scotorepens balstoni</i> (Inland Broad-nosed Bat)			
126.	24112 <i>Sminthopsis granulipes</i> (White-tailed Dunnart)			
127.	25515 <i>Sminthopsis griseoventer</i> (Grey-bellied Dunnart)			
128.	24117 <i>Sminthopsis ooldea</i> (Ooldea Dunnart)			
129.	24206 <i>Vespadelus regulus</i> (Southern Forest Bat)			
130.	24040 <i>Vulpes vulpes</i> (Red Fox)	Y		
Reptile				
131.	24980 <i>Christinus marmoratus</i> (Marbled Gecko)			
132.	25456 <i>Crenadactylus ocellatus</i> (Clawless Gecko)			
133.	30893 <i>Cryptoblepharus buchananii</i>			
134.	42385 <i>Ctenophorus chapmani</i> (Eastern Heath Dragon)			
135.	24871 <i>Ctenophorus cristatus</i> (Bicycle Dragon)			
136.	24879 <i>Ctenophorus maculatus</i> subsp. <i>griseus</i> (Spotted Military Dragon)			
137.	24888 <i>Ctenophorus salinarum</i> (Salt Pan Dragon)			
138.	25047 <i>Ctenotus impar</i>			
139.	25074 <i>Ctenotus schomburgkii</i>			
140.	24995 <i>Delma australis</i>			
141.	25766 <i>Delma fraseri</i> (Fraser's Legless Lizard)			
142.	41403 <i>Diplodactylus calcicolus</i> (South Coast Gecko)			
143.	25469 <i>Diplodactylus granariensis</i>			
144.	24929 <i>Diplodactylus granariensis</i> subsp. <i>granariensis</i>			
145.	25251 <i>Echiopsis curta</i> (Bardick)			
146.	25104 <i>Egernia richardi</i>			
147.	24959 <i>Gehyra variegata</i>			
148.	25474 <i>Hemiergis initialis</i>			
149.	25115 <i>Hemiergis initialis</i> subsp. <i>initialis</i>			
150.	24961 <i>Heteronotia binoei</i> (Bynoe's Gecko)			
151.	25131 <i>Lerista distinguenda</i>			
152.	42411 <i>Lerista timida</i>			
153.	25005 <i>Lialis burtonis</i>			
154.	30935 <i>Lucasium maini</i>			
155.	25184 <i>Menetia greyii</i>			
156.	24904 <i>Moloch horridus</i> (Thorny Devil)			
157.	25240 <i>Morelia spilota</i> subsp. <i>imbricata</i> (Carpet Python)			
158.	25190 <i>Morethia butleri</i>			
159.	25192 <i>Morethia obscura</i>			
160.	25255 <i>Parasuta nigriceps</i>			
161.	24907 <i>Pogona minor</i> subsp. <i>minor</i> (Dwarf Bearded Dragon)			
162.	25511 <i>Pseudonaja affinis</i> (Dugite)			
163.	25008 <i>Pygopus lepidopodus</i> (Common Scaly Foot)			
164.	25518 <i>Strophurus spinigerus</i>			
165.	24983 <i>Underwoodisaurus milii</i> (Barking Gecko)			
166.	25218 <i>Varanus gouldii</i> (Bungarra or Sand Monitor)			

Conservation Codes

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



EPBC Act Protected Matters Report

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

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

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

Report created: 12/02/20 13:46:09

[Summary](#)

[Details](#)

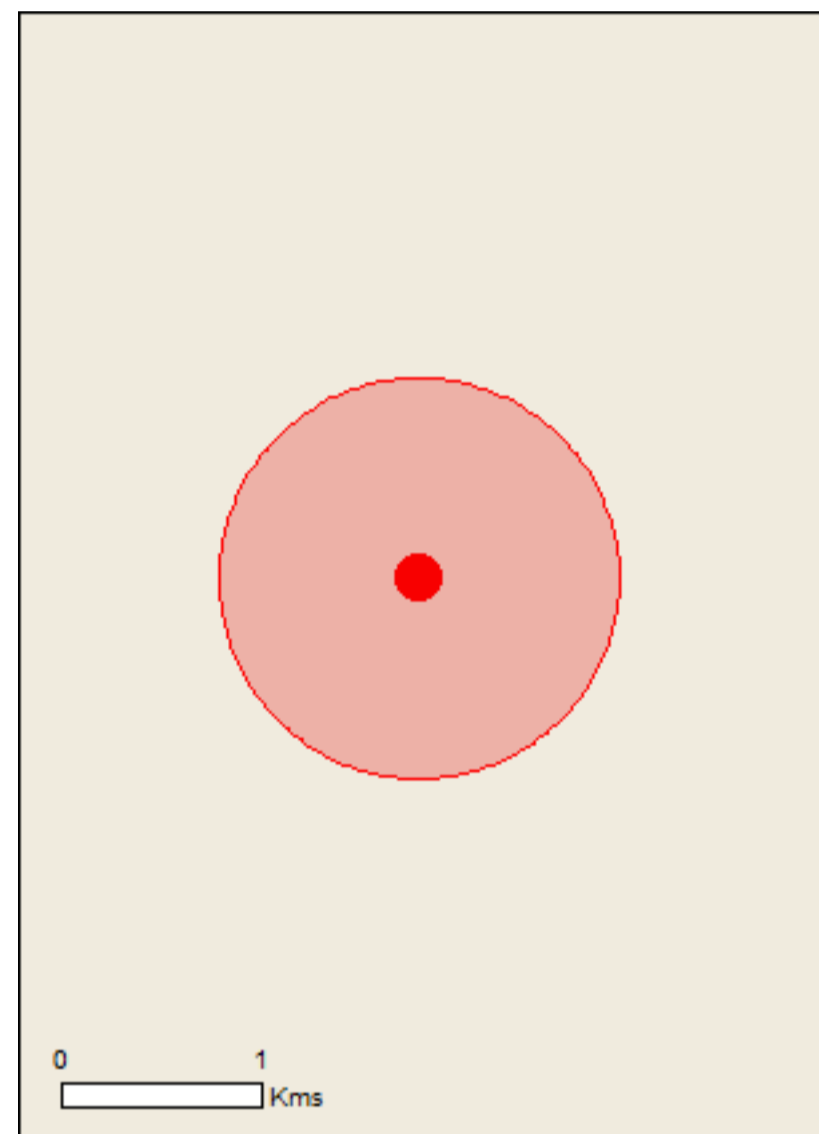
[Matters of NES](#)

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

[Extra Information](#)

[Caveat](#)

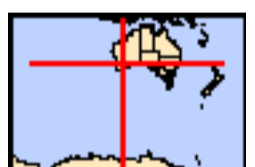
[Acknowledgements](#)



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

[Coordinates](#)

Buffer: 1.0Km



Summary

Matters of National Environmental Significance

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

World Heritage Properties:	None
National Heritage Places:	None
Wetlands of International Importance:	None
Great Barrier Reef Marine Park:	None
Commonwealth Marine Area:	None
Listed Threatened Ecological Communities:	None
Listed Threatened Species:	4
Listed Migratory Species:	6

Other Matters Protected by the EPBC Act

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

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

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

Commonwealth Land:	None
Commonwealth Heritage Places:	None
Listed Marine Species:	10
Whales and Other Cetaceans:	None
Critical Habitats:	None
Commonwealth Reserves Terrestrial:	None
Australian Marine Parks:	None

Extra Information

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

State and Territory Reserves:	None
Regional Forest Agreements:	None
Invasive Species:	6
Nationally Important Wetlands:	None
Key Ecological Features (Marine)	None

Details

Matters of National Environmental Significance

Listed Threatened Species [\[Resource Information \]](#)

Name	Status	Type of Presence
------	--------	------------------

Birds

Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area
---	-----------------------	--

Leipoa ocellata Malleefowl [934]	Vulnerable	Species or species habitat likely to occur within area
---	------------	--

Mammals

Dasyurus geoffroii Chuditch, Western Quoll [330]	Vulnerable	Species or species habitat may occur within area
---	------------	--

Plants

Banksia sphaerocarpa var. dolichostyla Ironcaps Banksia, Ironcap Banksia [10518]	Vulnerable	Species or species habitat may occur within area
---	------------	--

Listed Migratory Species [\[Resource Information \]](#)

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

Name	Threatened	Type of Presence
------	------------	------------------

Migratory Marine Birds

Apus pacificus Fork-tailed Swift [678]		Species or species habitat likely to occur within area
---	--	--

Migratory Terrestrial Species

Motacilla cinerea Grey Wagtail [642]		Species or species habitat may occur within area
---	--	--

Migratory Wetlands Species

Actitis hypoleucos Common Sandpiper [59309]		Species or species habitat may occur within area
--	--	--

Calidris acuminata Sharp-tailed Sandpiper [874]		Species or species habitat may occur within area
--	--	--

Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area
---	-----------------------	--

Calidris melanotos Pectoral Sandpiper [858]		Species or species habitat may occur within area
--	--	--

Other Matters Protected by the EPBC Act

Listed Marine Species		[Resource Information]
* Species is listed under a different scientific name on the EPBC Act - Threatened Species list.		
Name	Threatened	Type of Presence
Birds		
Actitis hypoleucos Common Sandpiper [59309]		Species or species habitat may occur within area
Apus pacificus Fork-tailed Swift [678]		Species or species habitat likely to occur within area
Ardea alba Great Egret, White Egret [59541]		Species or species habitat likely to occur within area
Ardea ibis Cattle Egret [59542]		Species or species habitat may occur within area
Calidris acuminata Sharp-tailed Sandpiper [874]		Species or species habitat may occur within area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area
Calidris melanotos Pectoral Sandpiper [858]		Species or species habitat may occur within area
Chrysococcyx osculans Black-eared Cuckoo [705]		Species or species habitat likely to occur within area
Merops ornatus Rainbow Bee-eater [670]		Species or species habitat may occur within area
Motacilla cinerea Grey Wagtail [642]		Species or species habitat may occur within area

Extra Information

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

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

Name	Status	Type of Presence
Mammals		
Camelus dromedarius Dromedary, Camel [7]		Species or species habitat likely to occur within area
Canis lupus familiaris Domestic Dog [82654]		Species or species habitat likely to occur within area
Felis catus Cat, House Cat, Domestic Cat [19]		Species or species habitat likely to occur

Name	Status	Type of Presence within area
<p>Oryctolagus cuniculus Rabbit, European Rabbit [128]</p>		<p>Species or species habitat likely to occur within area</p>
<p>Vulpes vulpes Red Fox, Fox [18]</p>		<p>Species or species habitat likely to occur within area</p>
Plants		
<p>Carrichtera annua Ward's Weed [9511]</p>		<p>Species or species habitat likely to occur within area</p>

Caveat

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

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

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

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

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

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

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

- migratory and
- marine

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

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

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

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

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

Coordinates

-32.52859 120.79979

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.

APPENDIX D

Vertebrate Fauna Observed or Potentially in Study Area

Fauna Observed or Potentially in Project Area

Medcalf Project Area - Audalia Resources Ltd

Approximate centroid 32.529246°S 120.798496°E

Compiled by Greg Harewood - Feb 2020

Recorded (Captured/Sighted/Heard/Signs) = X

A = Harewood, G. (2020). Fauna Survey (Level 2), Phase 1 and 2, Medcalf Vanadium Mining Project. Unpublished report for Audalia Resources Ltd. V3

How, R.A. et al. (1988). The biological survey of the eastern goldfields of Western Australia. Part 4. Lake Johnston-Hyden Study Area. Records of the WAM, supplement No. 30.

B = Lake Cronin results.

C = McDermid Rock results.

D = Frank Hann National Park results.

E = Peak Charles results.

F = Brearley, D.R., Dunlop, J.N., and Osborne, J.M. (1998) Biological survey and environmental assessment of the Emily-Ann Project area. Unpublished report for Lionore Pty Ltd.

G = Duncan, S. et al. (2006). Vertebrate Fauna of the Honman Ridge - Bremer Range district, Great Western Woodlands, Western Australia. Unpublished report for the Wilderness Society.

H = Biota (2006a/2007a). Forrestania Monitoring Survey, Flying Fox Phases I, II, III and IV. Unpublished report for Western Areas NL.

Biota (2006b). Forrestania Water Disposal Pipeline Survey – Fauna and Faunal Assemblages Report. Unpublished report for Western Areas NL.

Biota (2007b). Diggers South Fauna Survey – Phase I. Unpublished report for Western Areas NL.

Biota (2010). Spotted Quoll Haul Road Single Phase Fauna Survey. Unpublished report for Western Areas N.L. May 2010.

I = DBCA (2020). NatureMap Database search. "By Circle"120°47' 54" E, 32°31' 45" S – Study area (plus 40 km buffer). 12/02/2020.

Class Family Species	Common Name	Conservation Status									
			A	B	C	D	E	F	G	H	I

Amphibia

Myobatrachidae

Ground or Burrowing Frogs

<i>Crinia pseudinsignifera</i>	Bleating Froglet	LC										X
<i>Heleioporus albopunctatus</i>	Western Spotted Frog	LC		X		X						X
<i>Limnodynastes dorsalis</i>	Western Banjo Frog	LC		X		X	X					
<i>Myobatrachus gouldii</i>	Turtle Frog	LC				X	X					

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 <http://www.iucnredlist.org/technical-documents/categories-and-criteria/2001-categories-criteria> for others.

Class Family Species	Common Name	Conservation Status	A	B	C	D	E	F	G	H	I
			<i>Neobatrachus albipes</i>	White-footed Trilling Frog	LC						
<i>Neobatrachus centralis</i>	Trilling Frog	LC		X	X						
<i>Neobatrachus kunapalari</i>	Kunapalari Frog	LC									
<i>Neobatrachus pelobatoides</i>	Humming Frog	LC		X	X						
<i>Neobatrachus sp.</i>	Unidentified Burrowing Frog					X	X	X			
<i>Neobatrachus sutor</i>	Shoemaker Frog	LC		X							
<i>Pseudophryne guentheri</i>	Crawling Toadlet	LC				X					
<i>Pseudophryne occidentalis</i>	Western Toadlet	LC	X	X	X		X	X		X	X

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 <http://www.iucnredlist.org/technical-documents/categories-and-criteria/2001-categories-criteria> for others.

Class Family Species	Common Name	Conservation Status	A	B	C	D	E	F	G	H	I
			Reptilia								
Diplodactylidae Geckoes											
<i>Crenadactylus ocellatus</i>	Clawless Gecko		X	X	X	X	X	X	X	X	X
<i>Diplodactylus granariensis granariensis</i>	Wheatbelt Stone Gecko		X	X	X	X	X	X	X	X	
<i>Diplodactylus pulcher</i>	Western Saddled Ground Gecko				X					X	
<i>Lucasium maini</i>	Main's Ground Gecko		X	X	X	X	X	X	X	X	X
<i>Oedura reticulata</i>	Reticulated Velvet Gecko		X	X	X	X	X	X	X	X	
<i>Strophurus intermedius</i>	Southern Spiny-tailed Gecko				X						
<i>Strophurus spinigerus inornatus</i>	Orange-eyed Southwestern Spiny-tailed Gecko		X	X		X				X	
Gekkonidae Geckoes											
<i>Christinus marmoratus</i>	Marbled Gecko		X		X	X		X	X		X
<i>Gehyra variegata</i>	Variiegated Dtella		X	X	X	X	X	X	X	X	X
<i>Heteronotia binoei</i>	Bynoe's Gecko		X	X				X	X		X
<i>Underwoodisaurus milii</i>	Barking Gecko		X	X	X			X		X	X

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 <http://www.iucnredlist.org/technical-documents/categories-and-criteria/2001-categories-criteria> for others.

Class Family Species	Common Name	Conservation Status	A	B	C	D	E	F	G	H	I
			Pygopodidae Legless Lizards								
<i>Delma australis</i>	Marble-faced Delma		X							X	X
<i>Delma butleri</i>	Unbanded Delma							X			
<i>Delma fraseri</i>	Fraser's Legless Lizard		X	X	X			X		X	X
<i>Lialis burtonis</i>	Burton's Legless Lizard		X	X			X	X		X	X
<i>Pygopus lepidopodus</i>	Common Scaly Foot				X		X	X		X	

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 <http://www.iucnredlist.org/technical-documents/categories-and-criteria/2001-categories-criteria> for others.

Class Family Species	Common Name	Conservation Status	A	B	C	D	E	F	G	H	I
			Agamidae Dragon Lizards								
<i>Ctenophorus cristatus</i>	Crested Bicycle Dragon		X	X	X	X	X	X	X	X	X
<i>Ctenophorus isolepis</i>	Goldfields Military Sand Dragon				X						
<i>Ctenophorus maculatus</i>	Spotted Military Dragon			X	X	X	X			X	
<i>Ctenophorus ornatus</i>	Ornate Crevice Dragon				X	X	X				
<i>Ctenophorus salinarum</i>	Salt Pan Dragon		X	X	X	X	X	X			X
<i>Moloch horridus</i>	Thorny Devil		X	X	X		X	X	X	X	X
<i>Pogona minor minor</i>	Western Bearded Dragon		X	X	X	X	X	X	X	X	
<i>Rankinia adelaidensis chapmani</i>	Eastern Heath Dragon		X	X		X			X	X	
Varanidae Monitor's or Goanna's											
<i>Varanus gouldii</i>	Gould's Sand Monitor		X	X	X		X	X	X	X	X
<i>Varanus rosenbergi</i>	Heath Monitor					X	X	X		X	
<i>Varanus tristis</i>	Black-headed Monitor										

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Class Family Species	Common Name	Conservation Status	A	B	C	D	E	F	G	H	I
			Scincidae Skinks								
<i>Cryptoblepharus buchananii</i>	Buchanan's Snake-eyed Skink		X	X	X	X	X	X	X	X	X
<i>Ctenotus atlas</i>	Southern Malle Ctenotus			X	X			X	X		
<i>Ctenotus impar</i>	Odd-striped Ctenotus			X		X	X			X	
<i>Ctenotus schomburgkii</i>	Barred Wedge-snout Ctenotus		X	X	X	X	X	X	X	X	X
<i>Ctenotus xenopleura</i>	Wide-striped Sandplain Ctenotus				X						
<i>Cyclodomorphus melanops elongatus</i>	Eastern Slender Blue-tongue			X	X			X			
<i>Egernia formosa</i>	Goldfields Crevice Skink							X			
<i>Egernia inornata</i>	Desert Skink				X			X			
<i>Egernia richardi</i>	Woodland Crevice Skink		X	X	X	X			X	X	X
<i>Eremiascincus richardsonii</i>	Broad-banded Sand Swimmer										
<i>Hemiergis initialis initialis</i>	Sth Five-toed Mulch Skink		X		X		X	X	X	X	
<i>Hemiergis peronii peronii</i>	Four-toed Earless Skink					X	X		X		

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Class Family Species	Common Name	Conservation Status	A	B	C	D	E	F	G	H	I
			<i>Lerista distinguenda</i>	SW Four-toed Lerista		X	X		X	X	X
<i>Lerista dorsalis</i>	Southern Four-toed Lerista									X	
<i>Lerista kingi</i>	King's Three-toed Slider										
<i>Lerista picturata</i>	Goldfields Robust Lerista				X			X	X	X	
<i>Lerista timida</i>	Dwarf Three-toed Slider		X		X			X			X
<i>Liopholis multiscutata</i>	Bull Skink			X	X					X	
<i>Menetia greyii</i>	Dwarf Skink		X	X	X	X	X	X		X	X
<i>Morethia butleri</i>	Woodland Dark-flecked Morethia		X	X	X	X		X	X		X
<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia		X	X	X	X	X	X	X	X	X
<i>Tiliqua occipitalis</i>	Western Bluetongue			X		X		X	X	X	
<i>Tiliqua rugosa</i>	Bobtail				X	X		X		X	

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Class Family Species	Common Name	Conservation Status	A	B	C	D	E	F	G	H	I
			Typhlopidae Blind Snakes								
<i>Ramphotyphlops australis</i>	Southern Blind Snake		X	X			X	X	X	X	
<i>Ramphotyphlops bicolor</i>	Dark-spined Blind Snake		X								
<i>Ramphotyphlops bituberculatus</i>	Prong-snouted Blind Snake										
<i>Ramphotyphlops hamatus</i>	Northern Hook-snouted Blind Snake								X		
Boidae Pythons, Boas											
<i>Morelia spilota imbricata</i>	Southern Carpet Python						X	X	X		

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Class Family Species	Common Name	Conservation Status	A	B	C	D	E	F	G	H	I
			Elapidae Elapid Snakes								
<i>Brachyuropsis semifasciata</i>	Southern Shovel-nosed Snake				X			X			
<i>Echiopsis curta</i>	Bardick		X			X	X			X	X
<i>Neelaps bimaculatus</i>	Black-naped Snake			X					X		
<i>Parasuta gouldii</i>	Gould's Hooded Snake			X				X	X	X	
<i>Parasuta nigriceps</i>	Black-backed Snake		X					X		X	X
<i>Paroplocephalus atriceps</i>	Lake Cronin Snake	P3		X				X		X	
<i>Pseudechis australis</i>	Mulga Snake			X				X			
<i>Pseudonaja affinis</i>	Dugite		X	X	X	X	X	X		X	X
<i>Pseudonaja modesta</i>	Ringed Brown Snake				X						
<i>Simoselaps bertholdi</i>	Jan's Banded Snake				X	X				X	

Aves

Casuariidae

Emus, Cassowaries

<i>Dromaius novaehollandiae</i>	Emu	LC	X	X	X	X	X	X	X	X	X
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Class Family Species	Common Name	Conservation Status	A	B	C	D	E	F	G	H	I
			Megapodiidae Moundbuilders								
<i>Leipoa ocellata</i>	Malleefowl	S3 VU VU		X	X		X		X	X	X
Phasianidae Quails, Pheasants											
<i>Coturnix pectoralis</i>	Stubble Quail	LC	X								X
Accipitridae Kites, Goshawks, Eagles, Harriers											
<i>Accipiter cirrocephalus</i>	Collared Sparrowhawk	LC		X	X		X	X	X	X	X
<i>Accipiter fasciatus</i>	Brown Goshawk	LC			X						X
<i>Aquila audax</i>	Wedge-tailed Eagle	LC	X				X	X	X	X	X
<i>Aquila morphnoides</i>	Little Eagle	LC		X	X	X	X		X	X	
<i>Circus assimilis</i>	Spotted Harrier	LC									
<i>Elanus caeruleus</i>	Black-shouldered Kite	LC									
<i>Haliastur sphenurus</i>	Whistling Kite	LC									
<i>Hamirostra isura</i>	Square-tailed Kite	LC	X	X	X	X	X		X	X	X

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Class Family <i>Species</i>	Common Name	Conservation Status	A	B	C	D	E	F	G	H	I
			Falconidae Falcons								
<i>Falco berigora</i>	Brown Falcon	LC	X	X	X	X	X	X	X	X	X
<i>Falco cenchroides</i>	Australian Kestrel	LC	X	X		X	X	X		X	X
<i>Falco longipennis</i>	Australian Hobby	LC		X			X	X	X		
<i>Falco peregrinus</i>	Peregrine Falcon	S7 LC					X		X	X	
Otididae Bustards											
<i>Ardeotis australis</i>	Australian Bustard		X	X		X					X
Turnicidae Button-quails											
<i>Turnix velox</i>	Little Button-quail	LC	X							X	X
Charadriidae Lapwings, Plovers, Dotterels											
<i>Vanellus tricolor</i>	Banded Lapwing	LC									

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Class Family <i>Species</i>	Common Name	Conservation Status	A	B	C	D	E	F	G	H	I
			Columbidae Pigeons, Doves								
<i>Ocyphaps lophotes</i>	Crested Pigeon	LC				X		X			
<i>Phaps chalcoptera</i>	Common Bronzewing	LC	X	X	X	X	X	X	X	X	X
<i>Phaps elegans</i>	Brush Bronzewing	LC	X			X	X			X	X

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Class Family Species	Common Name	Conservation Status									
			A	B	C	D	E	F	G	H	I
Psittacidae Parrots											
<i>Cacatua roseicapilla</i>	Galah	LC		X							X
<i>Calyptorhynchus latirostris</i>	Carnaby's Black-Cockatoo	S2 EN EN		X							X
<i>Glossopsitta porphyrocephala</i>	Purple-crowned Lorikeet	LC	X	X	X	X		X	X	X	
<i>Melopsittacus undulatus</i>	Budgerigar	LC	X								X
<i>Neophema elegans</i>	Elegant Parrot	LC		X		X					X
<i>Nymphicus hollandicus</i>	Cockatiel	LC	X								X
<i>Platycercus icterotis xanthogenys</i>	Western Rosella (inland ssp)	P4	X	X		X	X	X		X	X
<i>Platycercus varius</i>	Mulga Parrot	LC			X	X					X
<i>Platycercus zonarius</i>	Australian Ringneck	LC	X	X	X	X	X	X	X	X	X
<i>Polytelis anthopeplus</i>	Regent Parrot	LC		X		X	X	X	X	X	

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Class Family Species	Common Name	Conservation Status	A	B	C	D	E	F	G	H	I
Cuculidae											
Parasitic Cuckoos											
<i>Cacomantis flabelliformis</i>	Fan-tailed Cuckoo	LC	X	X	X	X	X			X	X
<i>Chrysococcyx basalis</i>	Horsfield's Bronze Cuckoo	LC	X	X		X	X		X		X
<i>Chrysococcyx lucidus</i>	Shining Bronze Cuckoo	LC								X	
<i>Chrysococcyx osculans</i>	Black-eared Cuckoo	LC				X	X				
<i>Cuculus pallidus</i>	Pallid Cuckoo	LC	X	X		X	X	X		X	
Strigidae											
Hawk Owls											
<i>Ninox novaeseelandiae</i>	Boobook Owl	LC		X	X	X	X	X	X		
Tytonidae											
Barn Owls											
<i>Tyto alba</i>	Barn Owl	LC									
Podargidae											
Frogmouths											
<i>Podargus strigoides</i>	Tawny Frogmouth	LC	X	X	X	X	X	X	X	X	X

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 <http://www.iucnredlist.org/technical-documents/categories-and-criteria/2001-categories-criteria> for others.

Class Family Species	Common Name	Conservation Status									
			A	B	C	D	E	F	G	H	I
Caprimulgidae											
Nightjars											
<i>Eurostopodus argus</i>	Spotted Nightjar	LC		X		X		X		X	X
Aegothelidae											
Owlet-nightjars											
<i>Aegotheles cristatus</i>	Australian Owlet-nightjar	LC	X	X	X		X	X	X	X	X
Halcyonidae											
Tree Kingfishers											
<i>Todiramphus pyrrhopygia</i>	Red-backed Kingfisher	LC						X			
<i>Todiramphus sanctus</i>	Sacred Kingfisher	LC						X	X		
Meropidae											
Bee-eaters											
<i>Merops ornatus</i>	Rainbow Bee-eater	JA LC	X	X	X		X	X	X	X	X
Climacteridae											
Trecreepers											
<i>Climacteris rufa</i>	Rufous Trecreeper	LC	X	X	X	X		X	X	X	

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Class Family <i>Species</i>	Common Name	Conservation Status	A	B	C	D	E	F	G	H	I
			Maluridae Fairy Wrens, GrassWrens								
<i>Malurus leucopterus</i>	White-winged Fairy-wren	LC							X		
<i>Malurus pulcherrimus</i>	Blue-breasted Fairy-wren	LC	X	X	X		X			X	X
<i>Malurus splendens</i>	Splendid Fairy-wren	LC									
<i>Stipiturus malachurus</i>	Southern Emu-wren	LC								X	

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Class Family Species	Common Name	Conservation Status	A	B	C	D	E	F	G	H	I
Acanthizidae											
Thornbills, Geryones, Fieldwrens & Whitefaces											
<i>Acanthiza apicalis</i>	Broad-tailed Thornbill	LC	X	X	X	X	X	X	X	X	X
<i>Acanthiza chrysorrhoa</i>	Yellow-rumped Thornbill	LC	X	X	X	X	X		X	X	X
<i>Acanthiza uropygialis</i>	Chestnut-rumped Thornbill	LC		X	X	X			X	X	X
<i>Aphelocephala leucopsis</i>	Southern Whiteface	LC					X				
<i>Calamanthus campestris</i>	Rufous Fieldwren	LC		X	X	X				X	
<i>Gerygone fusca</i>	Western Gerygone	LC	X	X				X		X	X
<i>Hylacola cauta whitlocki</i>	Shy Heath-wren (western)		X	X		X	X		X	X	
<i>Pyrrholaemus brunneus</i>	Redthroat	LC	X	X	X	X		X	X	X	X
<i>Sericornis frontalis</i>	White-browed Scrubwren	LC		X			X				X
<i>Smicromis brevirostris</i>	Weebill	LC	X	X	X	X	X	X	X	X	X

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Class Family <i>Species</i>	Common Name	Conservation Status	A	B	C	D	E	F	G	H	I
Pardalotidae Pardalotes											
<i>Pardalotus punctatus</i>	Spotted Pardalote	LC	X	X	X	X				X	X
<i>Pardalotus striatus</i>	Striated Pardalote	LC	X	X	X	X	X	X	X	X	X

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Class Family Species	Common Name	Conservation Status										
			A	B	C	D	E	F	G	H	I	
Meliphagidae Honeyeaters, Chats												
<i>Acanthagenys rufogularis</i>	Spiny-cheeked Honeyeater	LC	X		X		X	X	X	X	X	X
<i>Anthochaera carunculata</i>	Red Wattlebird	LC	X	X	X	X	X	X	X	X	X	X
<i>Certhionyx niger</i>	Black Honeyeater	LC										
<i>Certhionyx variegatus</i>	Pied Honeyeater	LC	X									X
<i>Epthianura albifrons</i>	White-fronted Chat	LC	X	X	X							X
<i>Epthianura tricolor</i>	Crimson Chat	LC							X			
<i>Lichenostomus cratitius</i>	Purple-gaped Honeyeater	LC	X	X	X	X	X	X	X	X	X	X
<i>Lichenostomus leucotis</i>	White-eared Honeyeater	LC	X	X	X	X	X	X	X	X	X	X
<i>Lichenostomus ornatus</i>	Yellow-plumed Honeyeater	LC	X	X	X	X	X	X	X	X	X	
<i>Lichenostomus plumulus</i>	Grey-fronted Honeyeater	LC										X
<i>Lichenostomus virescens</i>	Singing Honeyeater	LC	X		X	X	X			X	X	
<i>Lichmera indistincta</i>	Brown Honeyeater	LC	X	X	X	X	X	X	X	X	X	X

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Class Family Species	Common Name	Conservation Status	A	B	C	D	E	F	G	H	I
			<i>Manorina flavigula</i>	Yellow-throated Miner	LC	X	X	X	X	X	
<i>Melithreptus brevirostris</i>	Brown-headed Honeyeater	LC	X	X	X	X	X	X	X	X	X
<i>Phylidonyris albifrons</i>	White-fronted Honeyeater	LC	X	X	X		X	X	X	X	
<i>Phylidonyris melanops</i>	Tawny-crowned Honeyeater	LC	X	X	X	X	X		X	X	
<i>Phylidonyris nigra</i>	White-cheeked Honeyeater	LC					X	X		X	
<i>Phylidonyris novaehollandiae</i>	New Holland Honeyeater	LC					X			X	X
Petroicidae											
Australian Robins											
<i>Drymodes brunneopygia</i>	Southern Scrub-robin	LC		X	X	X	X		X	X	X
<i>Eopsaltria griseogularis</i>	Western Yellow Robin	LC	X	X	X	X			X	X	
<i>Microeca fascinans</i>	Jacky Winter	LC		X	X	X			X	X	X
<i>Petroica cucullata</i>	Hooded Robin	LC		X	X	X				X	
<i>Petroica goodenovii</i>	Red-capped Robin	LC	X	X	X	X	X	X	X	X	X

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Class Family Species	Common Name	Conservation Status	A	B	C	D	E	F	G	H	I
Pomatostomidae											
Babblers											
<i>Pomatostomus superciliosus</i>	White-browed Babbler	LC		X	X		X		X	X	X
Cinclosomatidae											
Whipbirds, Wedgebills, Quail Thrushes											
<i>Cinclosoma castanotus</i>	Chestnut Quail-thrush	LC	X	X	X		X	X	X	X	
Neosittidae											
Sitellas											
<i>Daphoenositta chrysoptera</i>	Varied Sittella	LC	X	X	X		X		X	X	X
Pachycephalidae											
Crested Shrike-tit, Crested Bellbird, Shrike Thrushes, Whistlers											
<i>Colluricincla harmonica</i>	Grey Shrike-thrush	LC	X	X	X	X	X	X	X	X	X
<i>Falcunculus frontatus</i>	Crested Shrike-tit										
<i>Oreoica gutturalis</i>	Crested Bellbird	LC	X	X	X	X	X		X	X	X
<i>Pachycephala inornata</i>	Gilbert's Whistler	LC							X		X
<i>Pachycephala pectoralis</i>	Golden Whistler	LC	X	X	X	X	X		X	X	
<i>Pachycephala rufiventris</i>	Rufous Whistler	LC			X	X		X		X	

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Class Family Species	Common Name	Conservation Status									
			A	B	C	D	E	F	G	H	I
Dicruridae											
Monarchs, Magpie Lark, Flycatchers, Fantails, Drongo											
<i>Grallina cyanoleuca</i>	Magpie-lark	LC							X	X	X
<i>Myiagra inquieta</i>	Restless Flycatcher	LC									
<i>Rhipidura fuliginosa</i>	Grey Fantail	LC		X		X					X
<i>Rhipidura leucophrys</i>	Willie Wagtail	LC	X	X	X	X	X	X	X	X	X
Campephagidae											
Cuckoo-shrikes, Trillers											
<i>Coracina novaehollandiae</i>	Black-faced Cuckoo-shrike	LC	X	X	X	X	X	X	X	X	X
<i>Lalage tricolor</i>	White-winged Triller	LC	X	X						X	X
Artamidae											
Woodswallows, Butcherbirds, Currawongs											
<i>Artamus cinereus</i>	Black-faced Woodswallow	LC	X	X						X	X
<i>Artamus cyanopterus</i>	Dusky Woodswallow	LC	X	X	X	X	X	X	X	X	X
<i>Artamus personatus</i>	Masked Woodswallow	LC	X				X				X
<i>Artamus superciliosus</i>	White-browed Woodswallow	LC	X								X

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Class Family Species	Common Name	Conservation Status	A	B	C	D	E	F	G	H	I
			Cracticidae Currawongs, Magpies & Butcherbirds								
<i>Cracticus nigrogularis</i>	Pied Butcherbird	LC			X			X	X	X	X
<i>Cracticus tibicen</i>	Australian Magpie	LC	X			X	X		X	X	X
<i>Cracticus torquatus</i>	Grey Butcherbird	LC	X	X	X	X	X	X	X	X	X
<i>Strepera versicolor</i>	Grey Currawong	LC	X		X	X	X	X	X	X	X
Corvidae Ravens, Crows											
<i>Corvus bennetti</i>	Little Crow	LC			X	X					X
<i>Corvus coronoides</i>	Australian Raven	LC	X		X	X		X	X	X	X
<i>Corvus sp.</i>	Unidentified corvid						X				
Motacillidae Old World Pipits, Wagtails											
<i>Anthus australis</i>	Australian Pipit	LC	X	X	X	X	X	X	X	X	X
Estrilidae Grass Finches & Mannikins											
<i>Taeniopygia guttata</i>	Zebra Finch	LC	X								X

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Class Family Species	Common Name	Conservation Status										
			A	B	C	D	E	F	G	H	I	
Dicaeidae Flowerpeckers												
<i>Dicaeum hirundinaceum</i>	Mistletoebird	LC	X	X	X		X					X
Hirundinidae Swallows, Martins												
<i>Cheramoeca leucosternus</i>	White-backed Swallow	LC										
<i>Hirundo ariel</i>	Fairy Martin	LC			X							
<i>Hirundo neoxena</i>	Welcome Swallow	LC										X
<i>Hirundo nigricans</i>	Tree Martin	LC	X	X	X	X	X	X	X	X	X	
Sylviidae Old World Warblers												
<i>Cincloramphus cruralis</i>	Brown Songlark	LC					X					
<i>Cincloramphus mathewsi</i>	Rufous Songlark	LC	X									
Zosteropidae White-eyes												
<i>Zosterops lateralis</i>	Silvereye	LC	X	X	X	X	X			X	X	X

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Class Family Species	Common Name	Conservation Status	A	B	C	D	E	F	G	H	I
			Mammalia								
Tachyglossidae Echidnas											
<i>Tachyglossus aculeatus</i>	Echidna	LC		X	X	X		X	X	X	
Dasyuridae Carnivorous Marsupials											
<i>Antechinomys laniger</i>	Kultarr	DD									
<i>Dasyurus geoffroi</i>	Chuditch	S3 VU VU				X					X
<i>Ningauai yvonneae</i>	Southern Ningauai	LC	X	X	X						
<i>Sminthopsis crassicaudata</i>	Fat-tailed Dunnart	LC			X						X
<i>Sminthopsis dolichura</i>	Little long-tailed Dunnart	LC			X				X		
<i>Sminthopsis gilberti</i>	Gilbert's Dunnart	LC		X		X					X
<i>Sminthopsis granulipes</i>	White-tailed Dunnart	LC	X	X		X	X			X	X
<i>Sminthopsis griseoventer</i>	Grey-bellied Dunnart	LC	X							X	X
<i>Sminthopsis ooldea</i>	Ooldea Dunnart	LC	X								X

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Class Family Species	Common Name	Conservation Status	A	B	C	D	E	F	G	H	I
			Burramyidae Pygmy Possums								
<i>Cercartetus concinnus</i>	Western Pygmy-possum	LC	X	X	X	X	X	X	X	X	X
Tarsipedidae Honey Possum											
<i>Tarsipes rostratus</i>	Honey Possum	LC				X	X			X	
Macropodidae Kangaroos, Wallabies											
<i>Macropus fuliginosus</i>	Western Grey Kangaroo	LC	X	X	X	X	X	X	X	X	X
<i>Macropus robustus</i>	Euro	LC		X				X			
<i>Notamacropus irma</i>	Western Brush Wallaby	P4 LC				X			X	X	
Molossidae Freetail Bats											
<i>Mormopterus sp. 3/sp. 4</i>	Inland/Southern Freetail-bat	LC	X	X	X	X					X
<i>Tadarida australis</i>	White-striped Freetail-bat	LC	X	X	X	X	X	X	X	X	X

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Class Family Species	Common Name	Conservation Status	A	B	C	D	E	F	G	H	I
			Vespertilionidae Ordinary Bats								
<i>Chalinolobus gouldii</i>	Gould's Wattled Bat	LC	X	X	X	X		X		X	X
<i>Chalinolobus morio</i>	Chocolate Wattled Bat	LC	X			X		X		X	X
<i>Nyctophilus geoffroyi</i>	Lesser Long-eared Bat	LC	X	X	X			X		X	X
<i>Nyctophilus major tor</i>	Central Long-eared Bat	P3	X		X			X			
<i>Scotorepens balstoni</i>	Inland Broad-nosed Bat	LC	X		X						X
<i>Vespadelus baverstocki</i>	Inland Forest Bat	LC									
<i>Vespadelus regulus</i>	Southern Forest Bat	LC	X	X	X	X	X	X		X	X
Muridae Rats, Mice											
<i>Mus musculus</i>	House Mouse	Introduced	X	X	X	X	X	X	X	X	X
<i>Notomys mitchellii</i>	Mitchell's Hopping-mouse	LC	X	X	X	X	X			X	X
<i>Pseudomys albocinereus</i>	Ash-grey Mouse	LC	X	X	X	X	X	X		X	X
<i>Pseudomys bolami</i>	Bolam's Mouse	LC	X	X	X			X			X

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Class Family Species	Common Name	Conservation Status	A	B	C	D	E	F	G	H	I
			Canidae Dogs, Foxes								
<i>Canis lupus</i>	Dingo/Dog	LC/Introduced	X	X	X			X	X	X	
<i>Vulpes vulpes</i>	Red Fox	Introduced	X	X	X			X	X	X	X
Felidae Cats											
<i>Felis catus</i>	Cat	Introduced	X		X		X	X	X	X	X
Camelidae Camels											
<i>Camelus dromedarius</i>	Camel	Introduced	X								X
Leporidae Rabbits, Hares											
<i>Oryctolagus cuniculus</i>	Rabbit	Introduced	X	X	X		X	X	X	X	X

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APPENDIX E

Raw Vertebrate Trapping & Recording Results

Phase 1 & 2
Trap Results

Date	Trap Site	Trap Type	Species	Common Name
12/11/2013	Field Camp	Opportunistic	<i>Pogona minor minor</i>	Western Bearded Dragon
12/11/2013	TS 1.1	Funnel	<i>Echiopsis curta</i>	Bardick
12/11/2013	TS 1.1	Funnel	<i>Menetia greyii</i>	Dwarf Skink
12/11/2013	TS 1.1	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
12/11/2013	TS 1.10	Bucket	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
12/11/2013	TS 1.2	Bucket	<i>Cercartetus concinnus</i>	Western Pygmy-possum
12/11/2013	TS 1.2	Funnel	<i>Christinus marmoratus</i>	Marbled Gecko
12/11/2013	TS 1.3	Bucket	<i>Cercartetus concinnus</i>	Western Pygmy-possum
12/11/2013	TS 1.3	Funnel	<i>Delma australis</i>	Marble-faced Delma
12/11/2013	TS 1.3	Funnel	<i>Gehyra variegata</i>	Variegated Dtella
12/11/2013	TS 1.3	Funnel	<i>Gehyra variegata</i>	Variegated Dtella
12/11/2013	TS 1.5	Bucket	<i>Cryptoblepharus buchananii</i>	Buchanan's Snake-eyed Skink
12/11/2013	TS 1.5	Bucket	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
12/11/2013	TS 1.5	Bucket	<i>Cercartetus concinnus</i>	Western Pygmy-possum
12/11/2013	TS 1.6	Funnel	<i>Morethia butleri</i>	Woodland Dark-flecked Morethia
12/11/2013	TS 1.7	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
12/11/2013	TS 1.8	Bucket	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
12/11/2013	TS 1.8	Bucket	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
12/11/2013	TS 1.9	Funnel	<i>Morethia butleri</i>	Woodland Dark-flecked Morethia
12/11/2013	TS 1.9	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
12/11/2013	wpt011	Cage	<i>Mus musculus</i>	House Mouse
13/11/2013	Bat Site 1	SM2+ Bat Call Recording	<i>Chalinolobus gouldii</i>	Gould's Wattled Bat
13/11/2013	Bat Site 1	SM2+ Bat Call Recording	<i>Nyctophilus geoffroyi</i>	Lesser Long-eared Bat
13/11/2013	Opportunistic Site 3	Opportunistic	<i>Ctenophorus cristatus</i>	Crested Bicycle Dragon
13/11/2013	TS 1.1	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
13/11/2013	TS 1.1	Funnel	<i>Crenadactylus ocellatus ocellatus</i>	Clawless Gecko
13/11/2013	TS 1.10	Bucket	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
13/11/2013	TS 1.10	Bucket	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
13/11/2013	TS 1.2	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
13/11/2013	TS 1.5	Bucket	<i>Cryptoblepharus buchananii</i>	Buchanan's Snake-eyed Skink
13/11/2013	TS 1.5	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia

Date	Trap Site	Trap Type	Species	Common Name
13/11/2013	TS 1.6	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
13/11/2013	TS 1.6	Bucket	<i>Lucasium maini</i>	Main's Ground Gecko
13/11/2013	TS 1.8	Bucket	<i>Menetia greyii</i>	Dwarf Skink
13/11/2013	TS 1.9	Funnel	<i>Lialis burtonis</i>	Burton's Legless Lizard
13/11/2013	TS 1.9	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
13/11/2013	TS 1.9	Funnel	<i>Morethia butleri</i>	Woodland Dark-flecked Morethia
13/11/2013	TS 1.9	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
13/11/2013	TS 1.9	Bucket	<i>Cercartetus concinnus</i>	Western Pygmy-possum
13/11/2013	TS 2.2	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
13/11/2013	TS 2.3	Bucket	<i>Lerista distinguenda</i>	SW Four-toed Lerista
13/11/2013	TS 2.4	Funnel	<i>Lerista distinguenda</i>	SW Four-toed Lerista
13/11/2013	TS 2.7	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
13/11/2013	TS 2.7	Bucket	<i>Pogona minor minor</i>	Western Bearded Dragon
13/11/2013	TS 2.8	Elliot (B)	<i>Mus musculus</i>	House Mouse
13/11/2013	TS 3.1	Funnel	<i>Sminthopsis granulipes</i>	White-tailed Dunnart
13/11/2013	TS 3.10	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
13/11/2013	TS 3.2	Funnel	<i>Egernia richardi</i>	Woodland Crevice Skink
13/11/2013	TS 3.2	Funnel	<i>Underwoodisaurus milii</i>	Barking Gecko
13/11/2013	TS 3.3	Bucket	<i>Cercartetus concinnus</i>	Western Pygmy-possum
13/11/2013	TS 3.3	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
13/11/2013	TS 3.4	Bucket	<i>Cercartetus concinnus</i>	Western Pygmy-possum
13/11/2013	TS 3.7	Bucket	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
13/11/2013	TS 3.7	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
13/11/2013	TS 3.8	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
13/11/2013	TS 3.9	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
13/11/2013	TS 3.9	Bucket	<i>Mus musculus</i>	House Mouse
13/11/2013	TS 3.9	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
13/11/2013	TS 4.3	Bucket	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
13/11/2013	TS 4.3	Funnel	<i>Egernia richardi</i>	Woodland Crevice Skink
13/11/2013	TS 4.4	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
13/11/2013	TS 4.6	Bucket	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
13/11/2013	TS 5.5	Bucket	<i>Ctenotus schomburgkii</i>	Barred Wedge-snout Ctenotus
14/11/2013	Bat Site 2	SM2+ Bat Call Recording	<i>Chalinolobus gouldii</i>	Gould's Wattled Bat
14/11/2013	Bat Site 2	SM2+ Bat Call Recording	<i>Chalinolobus morio</i>	Chocolate Wattled Bat
14/11/2013	Bat Site 2	SM2+ Bat Call Recording	<i>Mormopterus planiceps</i>	Inland/Southern Freetail-bat
14/11/2013	Bat Site 2	SM2+ Bat Call Recording	<i>Nyctophilus geoffroyi</i>	Lesser Long-eared Bat

Date	Trap Site	Trap Type	Species	Common Name
14/11/2013	Bat Site 2	SM2+ Bat Call Recording	<i>Nyctophilus major tor</i>	Central Long-eared Bat
14/11/2013	Bat Site 2	SM2+ Bat Call Recording	<i>Scotorepens balstoni</i>	Inland Broad-nosed Bat
14/11/2013	Bat Site 2	SM2+ Bat Call Recording	<i>Tadarida australis</i>	White-striped Freetail-bat
14/11/2013	Bat Site 2	SM2+ Bat Call Recording	<i>Vespadelus regulus</i>	Southern Forest Bat
14/11/2013	Trap Site 3	Opportunistic	<i>Ctenophorus cristatus</i>	Crested Bicycle Dragon
14/11/2013	TS 1.1	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
14/11/2013	TS 1.10	Bucket	<i>Lerista timida</i>	Dwarf Three-toed Slider
14/11/2013	TS 1.10	Bucket	<i>Pseudophryne occidentalis</i>	Western Toadlet
14/11/2013	TS 1.2	Funnel	<i>Lialis burtonis</i>	Burton's Legless Lizard
14/11/2013	TS 1.3	Funnel	<i>Crenadactylus ocellatus ocellatus</i>	Clawless Gecko
14/11/2013	TS 1.3	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
14/11/2013	TS 1.4	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
14/11/2013	TS 1.4	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
14/11/2013	TS 1.5	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
14/11/2013	TS 1.7	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
14/11/2013	TS 1.8	Bucket	<i>Sminthopsis granulipes</i>	White-tailed Dunnart
14/11/2013	TS 1.8	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
14/11/2013	TS 1.9	Bucket	<i>Lucasium maini</i>	Main's Ground Gecko
14/11/2013	TS 1.9	Bucket	<i>Lucasium maini</i>	Main's Ground Gecko
14/11/2013	TS 1.9	Bucket	<i>Ctenotus schomburgkii</i>	Barred Wedge-snout Ctenotus
14/11/2013	TS 2.10	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
14/11/2013	TS 2.10	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
14/11/2013	TS 2.10	Funnel	<i>Varanus gouldii</i>	Gould's Sand Monitor
14/11/2013	TS 2.2	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
14/11/2013	TS 2.4	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
14/11/2013	TS 2.4	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
14/11/2013	TS 2.5	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
14/11/2013	TS 2.5	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
14/11/2013	TS 2.6	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
14/11/2013	TS 2.6	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
14/11/2013	TS 2.6	Bucket	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
14/11/2013	TS 2.6	Bucket	<i>Pogona minor minor</i>	Western Bearded Dragon
14/11/2013	TS 2.8	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
14/11/2013	TS 2.8	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
14/11/2013	TS 2.8	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
14/11/2013	TS 2.8	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko

Date	Trap Site	Trap Type	Species	Common Name
14/11/2013	TS 3.1	Bucket	<i>Cercartetus concinnus</i>	Western Pygmy-possum
14/11/2013	TS 3.10	Bucket	<i>Sminthopsis griseoventer</i>	Grey-bellied Dunnart
14/11/2013	TS 3.3	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
14/11/2013	TS 3.5	Funnel	<i>Lerista distinguenda</i>	SW Four-toed Lerista
14/11/2013	TS 3.6	Funnel	<i>Crenadactylus ocellatus ocellatus</i>	Clawless Gecko
14/11/2013	TS 3.6	Bucket	<i>Crenadactylus ocellatus ocellatus</i>	Clawless Gecko
14/11/2013	TS 3.6	Funnel	<i>Varanus gouldii</i>	Gould's Sand Monitor
14/11/2013	TS 3.8	Bucket	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
14/11/2013	TS 3.8	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
14/11/2013	TS 3.9	Bucket	<i>Pogona minor minor</i>	Western Bearded Dragon
14/11/2013	TS 3.9	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
14/11/2013	TS 4.1	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
14/11/2013	TS 4.2	Funnel	<i>Lerista distinguenda</i>	SW Four-toed Lerista
14/11/2013	TS 4.2	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
14/11/2013	TS 4.2	Bucket	<i>Ctenotus schomburgkii</i>	Barred Wedge-snout Ctenotus
14/11/2013	TS 4.3	Bucket	<i>Lerista distinguenda</i>	SW Four-toed Lerista
14/11/2013	TS 4.3	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
14/11/2013	TS 4.3	Funnel	<i>Ctenotus schomburgkii</i>	Barred Wedge-snout Ctenotus
14/11/2013	TS 4.4	Bucket	<i>Egernia richardi</i>	Woodland Crevice Skink
14/11/2013	TS 4.4	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
14/11/2013	TS 4.4	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
14/11/2013	TS 4.5	Funnel	<i>Strophurus spinigerus</i>	Orange-eyed Southwestern Spiny-tailed Gecko
14/11/2013	TS 4.5	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
14/11/2013	TS 4.5	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
14/11/2013	TS 4.5	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
14/11/2013	TS 4.5	Funnel	<i>Crenadactylus ocellatus ocellatus</i>	Clawless Gecko
14/11/2013	TS 4.5	Funnel	<i>Ctenotus schomburgkii</i>	Barred Wedge-snout Ctenotus
14/11/2013	TS 4.6	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
14/11/2013	TS 4.6	Bucket	<i>Ctenotus schomburgkii</i>	Barred Wedge-snout Ctenotus
14/11/2013	TS 4.7	Funnel	<i>Crenadactylus ocellatus ocellatus</i>	Clawless Gecko
14/11/2013	TS 4.7	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
14/11/2013	TS 4.7	Bucket	<i>Sminthopsis ooldea</i>	Ooldea Dunnart
14/11/2013	TS 4.7	Funnel	<i>Lerista distinguenda</i>	SW Four-toed Lerista
14/11/2013	TS 4.9	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
14/11/2013	TS 5.1	Bucket	<i>Lerista distinguenda</i>	SW Four-toed Lerista
14/11/2013	TS 5.1	Bucket	<i>Ramphotyphlops australis</i>	Southern Blind Snake

Date	Trap Site	Trap Type	Species	Common Name
14/11/2013	TS 5.1	Bucket	<i>Lerista distinguenda</i>	SW Four-toed Lerista
14/11/2013	TS 5.10	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
14/11/2013	TS 5.2	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
14/11/2013	TS 5.3	Funnel	<i>Gehyra variegata</i>	Variegated Dtella
14/11/2013	TS 5.4	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
14/11/2013	TS 5.4	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
14/11/2013	TS 5.4	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
14/11/2013	TS 5.8	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
14/11/2013	TS 6.1	Funnel	<i>Lucasium maini</i>	Main's Ground Gecko
14/11/2013	TS 6.2	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
14/11/2013	TS 6.3	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
14/11/2013	TS 6.4	Bucket	<i>Crenadactylus ocellatus ocellatus</i>	Clawless Gecko
14/11/2013	TS 6.5	Bucket	<i>Mus musculus</i>	House Mouse
14/11/2013	TS 6.5	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
14/11/2013	TS 6.5	Funnel	<i>Crenadactylus ocellatus ocellatus</i>	Clawless Gecko
14/11/2013	TS 6.5	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
15/11/2013	Bat Site 3	SM2+ Bat Call Recording	<i>Chalinolobus gouldii</i>	Gould's Wattled Bat
15/11/2013	Bat Site 3	SM2+ Bat Call Recording	<i>Chalinolobus morio</i>	Chocolate Wattled Bat
15/11/2013	Bat Site 3	SM2+ Bat Call Recording	<i>Mormopterus planiceps</i>	Inland/Southern Freetail-bat
15/11/2013	Bat Site 3	SM2+ Bat Call Recording	<i>Nyctophilus geoffroyi</i>	Lesser Long-eared Bat
15/11/2013	Bat Site 3	SM2+ Bat Call Recording	<i>Vespadelus regulus</i>	Southern Forest Bat
15/11/2013	Field Camp	Opportunistic	<i>Heteronotia binoei</i>	Bynoe's Gecko
15/11/2013	Field Camp	Opportunistic	<i>Crenadactylus ocellatus ocellatus</i>	Clawless Gecko
15/11/2013	Trap Site 1	Opportunistic	<i>Hemiergis initialis</i>	Sth Five-toed Mulch Skink
15/11/2013	TS 1.1	Funnel	<i>Delma australis</i>	Marble-faced Delma
15/11/2013	TS 1.10	Bucket	<i>Mus musculus</i>	House Mouse
15/11/2013	TS 1.10	Bucket	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
15/11/2013	TS 1.10	Funnel	<i>Menetia greyii</i>	Dwarf Skink
15/11/2013	TS 1.10	Funnel	<i>Lerista distinguenda</i>	SW Four-toed Lerista
15/11/2013	TS 1.10	Funnel	<i>Ctenotus schomburgkii</i>	Barred Wedge-snout Ctenotus
15/11/2013	TS 1.2	Funnel	<i>Menetia greyii</i>	Dwarf Skink
15/11/2013	TS 1.2	Bucket	<i>Cercartetus concinnus</i>	Western Pygmy-possum
15/11/2013	TS 1.2	Funnel	<i>Lerista distinguenda</i>	SW Four-toed Lerista
15/11/2013	TS 1.3	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
15/11/2013	TS 1.3	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
15/11/2013	TS 1.3	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia

Date	Trap Site	Trap Type	Species	Common Name
15/11/2013	TS 1.3	Bucket	<i>Lerista distinguenda</i>	SW Four-toed Lerista
15/11/2013	TS 1.4	Funnel	<i>Delma fraseri</i>	Fraser's Legless Lizard
15/11/2013	TS 1.4	Bucket	<i>Menetia greyii</i>	Dwarf Skink
15/11/2013	TS 1.4	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
15/11/2013	TS 1.5	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
15/11/2013	TS 1.7	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
15/11/2013	TS 1.7	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
15/11/2013	TS 1.7	Funnel	<i>Hemiergis initialis</i>	Sth Five-toed Mulch Skink
15/11/2013	TS 1.8	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
15/11/2013	TS 1.8	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
15/11/2013	TS 1.8	Funnel	<i>Oedura reticulata</i>	Reticulated Velvet Gecko
15/11/2013	TS 1.9	Funnel	<i>Lerista distinguenda</i>	SW Four-toed Lerista
15/11/2013	TS 2.10	Bucket	<i>Cercartetus concinnus</i>	Western Pygmy-possum
15/11/2013	TS 2.10	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
15/11/2013	TS 2.2	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
15/11/2013	TS 3.1	Bucket	<i>Sminthopsis granulipes</i>	White-tailed Dunnart
15/11/2013	TS 3.2	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
15/11/2013	TS 3.3	Funnel	<i>Varanus gouldii</i>	Gould's Sand Monitor
15/11/2013	TS 3.3	Bucket	<i>Cercartetus concinnus</i>	Western Pygmy-possum
15/11/2013	TS 3.6	Funnel	<i>Crenadactylus ocellatus ocellatus</i>	Clawless Gecko
15/11/2013	TS 3.7	Bucket	<i>Cercartetus concinnus</i>	Western Pygmy-possum
15/11/2013	TS 3.8	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
15/11/2013	TS 3.9	Funnel	<i>Egernia richardi</i>	Woodland Crevice Skink
15/11/2013	TS 3.9	Bucket	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
15/11/2013	TS 4.2	Funnel	<i>Ctenotus schomburgkii</i>	Barred Wedge-snout Ctenotus
15/11/2013	TS 4.4	Funnel	<i>Crenadactylus ocellatus ocellatus</i>	Clawless Gecko
15/11/2013	TS 4.4	Funnel	<i>Gehyra variegata</i>	Variegated Dtella
15/11/2013	TS 4.6	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
15/11/2013	TS 5.1	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
15/11/2013	TS 5.3	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
15/11/2013	TS 5.4	Elliot (A)	<i>Mus musculus</i>	House Mouse
15/11/2013	TS 5.6	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
15/11/2013	TS 5.7	Funnel	<i>Cryptoblepharus buchananii</i>	Buchanan's Snake-eyed Skink
15/11/2013	TS 5.7	Bucket	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
15/11/2013	TS 5.9	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
15/11/2013	TS 6.1	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia

Date	Trap Site	Trap Type	Species	Common Name
15/11/2013	TS 6.2	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
15/11/2013	TS 6.2	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
15/11/2013	TS 6.2	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
15/11/2013	TS 6.3	Funnel	<i>Egernia richardi</i>	Woodland Crevice Skink
15/11/2013	TS 6.3	Funnel	<i>Lerista distinguenda</i>	SW Four-toed Lerista
15/11/2013	TS 6.4	Funnel	<i>Crenadactylus ocellatus ocellatus</i>	Clawless Gecko
15/11/2013	TS 6.4	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
15/11/2013	TS 6.5	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
15/11/2013	TS 6.6	Funnel	<i>Lerista distinguenda</i>	SW Four-toed Lerista
15/11/2013	TS 6.8	Bucket	<i>Mus musculus</i>	House Mouse
15/11/2013	TS 6.9	Bucket	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
15/11/2013	wpt099	Opportunistic	<i>Pogona minor minor</i>	Western Bearded Dragon
16/11/2013	Bat Site 4	SM2+ Bat Call Recording	<i>Chalinolobus gouldii</i>	Gould's Wattled Bat
16/11/2013	Bat Site 4	SM2+ Bat Call Recording	<i>Chalinolobus morio</i>	Chocolate Wattled Bat
16/11/2013	Bat Site 4	SM2+ Bat Call Recording	<i>Mormopterus planiceps</i>	Inland/Southern Freetail-bat
16/11/2013	Bat Site 4	SM2+ Bat Call Recording	<i>Nyctophilus geoffroyi</i>	Lesser Long-eared Bat
16/11/2013	Bat Site 4	SM2+ Bat Call Recording	<i>Vespadelus regulus</i>	Southern Forest Bat
16/11/2013	TS 1.10	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
16/11/2013	TS 1.10	Funnel	<i>Lerista distinguenda</i>	SW Four-toed Lerista
16/11/2013	TS 1.3	Funnel	<i>Lerista distinguenda</i>	SW Four-toed Lerista
16/11/2013	TS 1.3	Funnel	<i>Menetia greyii</i>	Dwarf Skink
16/11/2013	TS 1.3	Bucket	<i>Menetia greyii</i>	Dwarf Skink
16/11/2013	TS 1.5	Funnel	<i>Lucasium maini</i>	Main's Ground Gecko
16/11/2013	TS 1.6	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
16/11/2013	TS 1.8	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
16/11/2013	TS 1.9	Funnel	<i>Crenadactylus ocellatus ocellatus</i>	Clawless Gecko
16/11/2013	TS 2.1	Bucket	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
16/11/2013	TS 2.10	Bucket	<i>Mus musculus</i>	House Mouse
16/11/2013	TS 2.10	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
16/11/2013	TS 2.10	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
16/11/2013	TS 2.2	Bucket	<i>Lerista distinguenda</i>	SW Four-toed Lerista
16/11/2013	TS 2.4	Bucket	<i>Pogona minor minor</i>	Western Bearded Dragon
16/11/2013	TS 2.5	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
16/11/2013	TS 2.7	Bucket	<i>Pogona minor minor</i>	Western Bearded Dragon
16/11/2013	TS 3.1	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
16/11/2013	TS 3.2	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia

Date	Trap Site	Trap Type	Species	Common Name
16/11/2013	TS 3.8	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
16/11/2013	TS 3.9	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
16/11/2013	TS 4.1	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
16/11/2013	TS 4.10	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
16/11/2013	TS 4.2	Funnel	<i>Lerista distinguenda</i>	SW Four-toed Lerista
16/11/2013	TS 4.3	Bucket	<i>Ctenotus schomburgkii</i>	Barred Wedge-snout Ctenotus
16/11/2013	TS 4.3	Bucket	<i>Egernia richardi</i>	Woodland Crevice Skink
16/11/2013	TS 4.4	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
16/11/2013	TS 4.5	Bucket	<i>Mus musculus</i>	House Mouse
16/11/2013	TS 4.6	Bucket	<i>Lerista distinguenda</i>	SW Four-toed Lerista
16/11/2013	TS 4.6	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
16/11/2013	TS 4.7	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
16/11/2013	TS 4.7	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
16/11/2013	TS 4.7	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
16/11/2013	TS 4.7	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
16/11/2013	TS 4.8	Funnel	<i>Ctenotus schomburgkii</i>	Barred Wedge-snout Ctenotus
16/11/2013	TS 4.9	Elliot (A)	<i>Mus musculus</i>	House Mouse
16/11/2013	TS 5.1	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
16/11/2013	TS 5.2	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
16/11/2013	TS 5.3	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
16/11/2013	TS 5.3	Bucket	<i>Lerista distinguenda</i>	SW Four-toed Lerista
16/11/2013	TS 5.4	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
16/11/2013	TS 5.4	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
16/11/2013	TS 5.4	Bucket	<i>Sminthopsis granulipes</i>	White-tailed Dunnart
16/11/2013	TS 5.5	Funnel	<i>Menetia greyii</i>	Dwarf Skink
16/11/2013	TS 5.5	Elliot (A)	<i>Mus musculus</i>	House Mouse
16/11/2013	TS 5.6	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
16/11/2013	TS 5.6	Bucket	<i>Lerista distinguenda</i>	SW Four-toed Lerista
16/11/2013	TS 5.7	Bucket	<i>Morethia butleri</i>	Woodland Dark-flecked Morethia
16/11/2013	TS 5.7	Elliot (A)	<i>Egernia richardi</i>	Woodland Crevice Skink
16/11/2013	TS 5.9	Funnel	<i>Lerista timida</i>	Dwarf Three-toed Slider
16/11/2013	TS 6.1	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
16/11/2013	TS 6.1	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
16/11/2013	TS 6.1	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
16/11/2013	TS 6.10	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
16/11/2013	TS 6.2	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia

Date	Trap Site	Trap Type	Species	Common Name
16/11/2013	TS 6.2	Bucket	<i>Pogona minor minor</i>	Western Bearded Dragon
16/11/2013	TS 6.2	Bucket	<i>Pogona minor minor</i>	Western Bearded Dragon
16/11/2013	TS 6.4	Funnel	<i>Crenadactylus ocellatus ocellatus</i>	Clawless Gecko
16/11/2013	TS 6.8	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
16/11/2013	TS 6.9	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
16/11/2013	TS 6.9	Bucket	<i>Ctenotus schomburgkii</i>	Barred Wedge-snout Ctenotus
16/11/2013	wpt036	Elliot (B)	<i>Varanus gouldii</i>	Gould's Sand Monitor
16/11/2013	wpt095	Elliot (B)	<i>Varanus gouldii</i>	Gould's Sand Monitor
17/11/2013	Trap Site 1	Opportunistic	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
17/11/2013	TS 1.1	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
17/11/2013	TS 1.1	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
17/11/2013	TS 1.10	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
17/11/2013	TS 1.10	Funnel	<i>Lerista distinguenda</i>	SW Four-toed Lerista
17/11/2013	TS 1.2	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
17/11/2013	TS 1.2	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
17/11/2013	TS 1.2	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
17/11/2013	TS 1.4	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
17/11/2013	TS 1.4	Funnel	<i>Lerista distinguenda</i>	SW Four-toed Lerista
17/11/2013	TS 1.6	Funnel	<i>Ctenotus schomburgkii</i>	Barred Wedge-snout Ctenotus
17/11/2013	TS 1.7	Bucket	<i>Lucasium maini</i>	Main's Ground Gecko
17/11/2013	TS 1.7	Bucket	<i>Ctenotus schomburgkii</i>	Barred Wedge-snout Ctenotus
17/11/2013	TS 1.7	Funnel	<i>Ctenotus schomburgkii</i>	Barred Wedge-snout Ctenotus
17/11/2013	TS 1.7	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
17/11/2013	TS 1.8	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
17/11/2013	TS 1.8	Bucket	<i>Lerista distinguenda</i>	SW Four-toed Lerista
17/11/2013	TS 1.8	Bucket	<i>Lerista distinguenda</i>	SW Four-toed Lerista
17/11/2013	TS 1.9	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
17/11/2013	TS 1.9	Funnel	<i>Ctenotus schomburgkii</i>	Barred Wedge-snout Ctenotus
17/11/2013	TS 1.9	Funnel	<i>Crenadactylus ocellatus ocellatus</i>	Clawless Gecko
17/11/2013	TS 2.1	Funnel	<i>Strophurus spinigerus</i>	Orange-eyed Southwestern Spiny-tailed Gecko
17/11/2013	TS 2.1	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
17/11/2013	TS 2.2	Funnel	<i>Strophurus spinigerus</i>	Orange-eyed Southwestern Spiny-tailed Gecko
17/11/2013	TS 2.3	Bucket	<i>Lerista distinguenda</i>	SW Four-toed Lerista
17/11/2013	TS 2.4	Funnel	<i>Ctenotus schomburgkii</i>	Barred Wedge-snout Ctenotus
17/11/2013	TS 2.4	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
17/11/2013	TS 2.5	Funnel	<i>Delma fraseri</i>	Fraser's Legless Lizard

Date	Trap Site	Trap Type	Species	Common Name
17/11/2013	TS 2.7	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
17/11/2013	TS 2.8	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
17/11/2013	TS 2.9	Funnel	<i>Crenadactylus ocellatus ocellatus</i>	Clawless Gecko
17/11/2013	TS 2.9	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
17/11/2013	TS 3.10	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
17/11/2013	TS 3.10	Funnel	<i>Ctenotus schomburgkii</i>	Barred Wedge-snout Ctenotus
17/11/2013	TS 3.5	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
17/11/2013	TS 3.7	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
17/11/2013	TS 3.7	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
17/11/2013	TS 3.8	Bucket	<i>Mus musculus</i>	House Mouse
17/11/2013	TS 3.9	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
17/11/2013	TS 3.9	Funnel	<i>Lerista distinguenda</i>	SW Four-toed Lerista
17/11/2013	TS 3.9	Funnel	<i>Lerista distinguenda</i>	SW Four-toed Lerista
17/11/2013	TS 4.1	Funnel	<i>Ctenotus schomburgkii</i>	Barred Wedge-snout Ctenotus
17/11/2013	TS 4.1	Funnel	<i>Egernia richardi</i>	Woodland Crevice Skink
17/11/2013	TS 4.2	Funnel	<i>Ctenotus schomburgkii</i>	Barred Wedge-snout Ctenotus
17/11/2013	TS 4.2	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
17/11/2013	TS 4.2	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
17/11/2013	TS 4.3	Bucket	<i>Lerista distinguenda</i>	SW Four-toed Lerista
17/11/2013	TS 4.3	Bucket	<i>Rankinia adelaidensis</i>	Eastern Heath Dragon
17/11/2013	TS 4.5	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
17/11/2013	TS 4.5	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
17/11/2013	TS 5.2	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
17/11/2013	TS 5.2	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
17/11/2013	TS 5.4	Funnel	<i>Egernia richardi</i>	Woodland Crevice Skink
17/11/2013	TS 5.5	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
17/11/2013	TS 5.7	Funnel	<i>Morethia butleri</i>	Woodland Dark-flecked Morethia
17/11/2013	TS 5.7	Bucket	<i>Egernia richardi</i>	Woodland Crevice Skink
17/11/2013	TS 6.10	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
17/11/2013	TS 6.2	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
17/11/2013	TS 6.2	Funnel	<i>Lerista distinguenda</i>	SW Four-toed Lerista
17/11/2013	TS 6.9	Funnel	<i>Lerista distinguenda</i>	SW Four-toed Lerista
17/11/2013	wpt013	Elliot (B)	<i>Mus musculus</i>	House Mouse
17/11/2013	wpt034	Elliot (B)	<i>Varanus gouldii</i>	Gould's Sand Monitor
17/11/2013	wpt045	Opportunistic	<i>Pogona minor minor</i>	Western Bearded Dragon
18/11/2013	Trap Site 5	Opportunistic	<i>Lucasium maini</i>	Main's Ground Gecko

Date	Trap Site	Trap Type	Species	Common Name
18/11/2013	TS 1.1	Funnel	<i>Crenadactylus ocellatus ocellatus</i>	Clawless Gecko
18/11/2013	TS 1.10	Funnel	<i>Pogona minor minor</i>	Western Bearded Dragon
18/11/2013	TS 1.10	Bucket	<i>Lucasium maini</i>	Main's Ground Gecko
18/11/2013	TS 1.2	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
18/11/2013	TS 1.3	Bucket	<i>Mus musculus</i>	House Mouse
18/11/2013	TS 1.3	Funnel	<i>Crenadactylus ocellatus ocellatus</i>	Clawless Gecko
18/11/2013	TS 1.4	Funnel	<i>Ctenotus schomburgkii</i>	Barred Wedge-snout Ctenotus
18/11/2013	TS 1.4	Funnel	<i>Ctenotus schomburgkii</i>	Barred Wedge-snout Ctenotus
18/11/2013	TS 1.7	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
18/11/2013	TS 1.8	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
18/11/2013	TS 1.8	Funnel	<i>Lerista distinguenda</i>	SW Four-toed Lerista
18/11/2013	TS 1.9	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
18/11/2013	TS 2.1	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
18/11/2013	TS 2.2	Funnel	<i>Ramphotyphlops bicolor</i>	Dark-spined Blind Snake
18/11/2013	TS 2.3	Funnel	<i>Heteronotia binoei</i>	Bynoe's Gecko
18/11/2013	TS 2.3	Bucket	<i>Lerista distinguenda</i>	SW Four-toed Lerista
18/11/2013	TS 2.3	Funnel	<i>Underwoodisaurus milii</i>	Barking Gecko
18/11/2013	TS 2.4	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
18/11/2013	TS 2.4	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
18/11/2013	TS 2.5	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
18/11/2013	TS 2.6	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
18/11/2013	TS 2.9	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
18/11/2013	TS 2.9	Funnel	<i>Crenadactylus ocellatus ocellatus</i>	Clawless Gecko
18/11/2013	TS 3.6	Funnel	<i>Delma fraseri</i>	Fraser's Legless Lizard
18/11/2013	TS 3.8	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
18/11/2013	TS 3.9	Funnel	<i>Lerista distinguenda</i>	SW Four-toed Lerista
18/11/2013	TS 4.1	Funnel	<i>Ctenotus schomburgkii</i>	Barred Wedge-snout Ctenotus
18/11/2013	TS 4.1	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
18/11/2013	TS 4.1	Bucket	<i>Pseudomys bolami</i>	Bolam's Mouse
18/11/2013	TS 4.3	Bucket	<i>Cercartetus concinnus</i>	Western Pygmy-possum
18/11/2013	TS 4.3	Funnel	<i>Crenadactylus ocellatus ocellatus</i>	Clawless Gecko
18/11/2013	TS 4.3	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
18/11/2013	TS 4.5	Funnel	<i>Delma fraseri</i>	Fraser's Legless Lizard
18/11/2013	TS 4.5	Funnel	<i>Menetia greyii</i>	Dwarf Skink
18/11/2013	TS 4.6	Elliot (A)	<i>Mus musculus</i>	House Mouse
18/11/2013	TS 4.7	Elliot (A)	<i>Mus musculus</i>	House Mouse

Date	Trap Site	Trap Type	Species	Common Name
18/11/2013	TS 4.7	Funnel	<i>Morethia butleri</i>	Woodland Dark-flecked Morethia
18/11/2013	TS 4.8	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
18/11/2013	TS 4.9	Elliot (A)	<i>Mus musculus</i>	House Mouse
18/11/2013	TS 5.1	Bucket	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
18/11/2013	TS 5.1	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
18/11/2013	TS 5.2	Bucket	<i>Mus musculus</i>	House Mouse
18/11/2013	TS 5.3	Bucket	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
18/11/2013	TS 5.4	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
18/11/2013	TS 5.5	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
18/11/2013	TS 6.1	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
18/11/2013	TS 6.2	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
18/11/2013	TS 6.3	Bucket	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
18/11/2013	TS 6.3	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
18/11/2013	TS 6.4	Bucket	<i>Mus musculus</i>	House Mouse
18/11/2013	TS 6.7	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
18/11/2013	TS 6.8	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
18/11/2013	TS 6.9	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
19/11/2013	Trap Site 4	Opportunistic	<i>Hemiergus initialis</i>	Sth Five-toed Mulch Skink
19/11/2013	TS 2.3	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
19/11/2013	TS 2.6	Bucket	<i>Pseudomys albocinereus</i>	Ash-grey Mouse
19/11/2013	TS 4.10	Funnel	<i>Ctenotus schomburgkii</i>	Barred Wedge-snout Ctenotus
19/11/2013	TS 4.2	Elliot (A)	<i>Mus musculus</i>	House Mouse
19/11/2013	TS 4.3	Funnel	<i>Crenadactylus ocellatus ocellatus</i>	Clawless Gecko
19/11/2013	TS 4.7	Bucket	<i>Ctenotus schomburgkii</i>	Barred Wedge-snout Ctenotus
19/11/2013	TS 4.7	Elliot (A)	<i>Mus musculus</i>	House Mouse
19/11/2013	TS 4.7	Elliot (A)	<i>Mus musculus</i>	House Mouse
19/11/2013	TS 4.8	Elliot (A)	<i>Mus musculus</i>	House Mouse
19/11/2013	TS 5.1	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
19/11/2013	TS 5.3	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
19/11/2013	TS 5.3	Bucket	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
19/11/2013	TS 6.10	Funnel	<i>Crenadactylus ocellatus ocellatus</i>	Clawless Gecko
19/11/2013	TS 6.9	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
20/11/2013	TS 5.5	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
20/11/2013	TS 6.2	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
20/11/2013	TS 6.2	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
20/11/2013	TS 6.3	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia

Date	Trap Site	Trap Type	Species	Common Name
20/11/2013	TS 6.4	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
20/11/2013	TS 6.4	Funnel	<i>Egernia richardi</i>	Woodland Crevice Skink
11/03/2014	Bat Site 5	SM2+ Bat Call Recording	<i>Chalinolobus gouldii</i>	Gould's Wattled Bat
11/03/2014	Bat Site 5	SM2+ Bat Call Recording	<i>Chalinolobus morio</i>	Chocolate Wattled Bat
11/03/2014	Bat Site 5	SM2+ Bat Call Recording	<i>Mormopterus planiceps</i>	Inland/Southern Freetail-bat
11/03/2014	Bat Site 5	SM2+ Bat Call Recording	<i>Nyctophilus geoffroyi</i>	Lesser Long-eared Bat
11/03/2014	Bat Site 5	SM2+ Bat Call Recording	<i>Nyctophilus major tor</i>	Central Long-eared Bat
11/03/2014	Bat Site 5	SM2+ Bat Call Recording	<i>Scotorepens balstoni</i>	Inland Broad-nosed Bat
11/03/2014	Bat Site 5	SM2+ Bat Call Recording	<i>Tadarida australis</i>	White-striped Freetail-bat
11/03/2014	Bat Site 5	SM2+ Bat Call Recording	<i>Vespadelus regulus</i>	Southern Forest Bat
11/03/2014	TS 1.1	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
11/03/2014	TS 1.1	Bucket	<i>Cercartetus concinnus</i>	Western Pygmy-possum
11/03/2014	TS 1.1	Bucket	<i>Pseudophryne occidentalis</i>	Western Toadlet
11/03/2014	TS 1.3	Funnel	<i>Gehyra variegata</i>	Variegated Dtella
11/03/2014	TS 1.8	Elliot (A)	<i>Mus musculus</i>	House Mouse
12/03/2014	Bat Site 6	SM2+ Bat Call Recording	<i>Chalinolobus gouldii</i>	Gould's Wattled Bat
12/03/2014	Bat Site 6	SM2+ Bat Call Recording	<i>Chalinolobus morio</i>	Chocolate Wattled Bat
12/03/2014	Bat Site 6	SM2+ Bat Call Recording	<i>Mormopterus planiceps</i>	Inland/Southern Freetail-bat
12/03/2014	Bat Site 6	SM2+ Bat Call Recording	<i>Nyctophilus geoffroyi</i>	Lesser Long-eared Bat
12/03/2014	Bat Site 6	SM2+ Bat Call Recording	<i>Nyctophilus major tor</i>	Central Long-eared Bat
12/03/2014	Bat Site 6	SM2+ Bat Call Recording	<i>Scotorepens balstoni</i>	Inland Broad-nosed Bat
12/03/2014	Bat Site 6	SM2+ Bat Call Recording	<i>Tadarida australis</i>	White-striped Freetail-bat
12/03/2014	Bat Site 6	SM2+ Bat Call Recording	<i>Vespadelus regulus</i>	Southern Forest Bat
12/03/2014	Lake Medcalf	Opportunistic	<i>Macropus fuliginosus</i>	Western Grey Kangaroo
12/03/2014	Lake Medcalf	Opportunistic	<i>Oryctolagus cuniculus</i>	Rabbit
12/03/2014	Lake Medcalf	Opportunistic	<i>Camelus dromedarius</i>	Dromedary Camel
12/03/2014	Opportunistic	Opportunistic	<i>Moloch horridus</i>	Thorny Devil
12/03/2014	Opportunistic	Opportunistic	<i>Canis lupus</i>	Dog
12/03/2014	Opportunistic	Opportunistic	<i>Ctenophorus cristatus</i>	Crested Bicycle Dragon
12/03/2014	Opportunistic	Opportunistic	<i>Pogona minor minor</i>	Western Bearded Dragon
12/03/2014	Opportunistic	Opportunistic	<i>Pseudonaja affinis</i>	Dugite
12/03/2014	TS 1.10	Bucket	<i>Crenadactylus ocellatus ocellatus</i>	Clawless Gecko
12/03/2014	TS 1.2	Funnel	<i>Crenadactylus ocellatus ocellatus</i>	Clawless Gecko
12/03/2014	TS 1.2	Bucket	<i>Cercartetus concinnus</i>	Western Pygmy-possum
12/03/2014	TS 1.2	Bucket	<i>Gehyra variegata</i>	Variegated Dtella
12/03/2014	TS 1.3	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko

Date	Trap Site	Trap Type	Species	Common Name
12/03/2014	TS 1.6	Funnel	<i>Crenadactylus ocellatus ocellatus</i>	Clawless Gecko
12/03/2014	TS 1.6	Bucket	<i>Oedura reticulata</i>	Reticulated Velvet Gecko
12/03/2014	TS 1.8	Bucket	<i>Pseudomys bolami</i>	Bolam's Mouse
12/03/2014	TS 1.9	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
12/03/2014	TS 3.10	Bucket	<i>Mus musculus</i>	House Mouse
12/03/2014	TS 3.2	Bucket	<i>Moloch horridus</i>	Thorny Devil
12/03/2014	TS 3.7	Bucket	<i>Cercartetus concinnus</i>	Western Pygmy-possum
12/03/2014	TS 4.2	Bucket	<i>Ctenotus schomburgkii</i>	Barred Wedge-snout Ctenotus
12/03/2014	TS 4.2	Bucket	<i>Pseudomys bolami</i>	Bolam's Mouse
12/03/2014	TS 4.6	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
12/03/2014	TS 4.8	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
12/03/2014	TS 5.10	Bucket	<i>Mus musculus</i>	House Mouse
12/03/2014	TS 5.10	Bucket	<i>Mus musculus</i>	House Mouse
12/03/2014	TS 5.3	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
12/03/2014	TS 5.3	Funnel	<i>Egernia richardi</i>	Woodland Crevice Skink
12/03/2014	TS 5.4	Funnel	<i>Ctenotus schomburgkii</i>	Barred Wedge-snout Ctenotus
12/03/2014	TS 5.5	Bucket	<i>Ctenophorus salinarum</i>	Salt Pan Dragon
12/03/2014	TS 5.6	Bucket	<i>Cryptoblepharus buchananii</i>	Buchanan's Snake-eyed Skink
12/03/2014	TS 6.2	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
12/03/2014	TS 6.3	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
12/03/2014	TS 6.3	Bucket	<i>Ctenophorus salinarum</i>	Salt Pan Dragon
12/03/2014	TS 6.4	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
12/03/2014	TS 6.4	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
12/03/2014	TS 6.4	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
12/03/2014	TS 6.4	Bucket	<i>Mus musculus</i>	House Mouse
12/03/2014	TS 6.5	Bucket	<i>Ctenophorus salinarum</i>	Salt Pan Dragon
12/03/2014	wpt018	Elliot (B)	<i>Pseudomys bolami</i>	Bolam's Mouse
13/03/2014	Bat Site 7	SM2+ Bat Call Recording	<i>Chalinolobus gouldii</i>	Gould's Wattled Bat
13/03/2014	Bat Site 7	SM2+ Bat Call Recording	<i>Chalinolobus morio</i>	Chocolate Wattled Bat
13/03/2014	Bat Site 7	SM2+ Bat Call Recording	<i>Mormopterus planiceps</i>	Inland/Southern Freetail-bat
13/03/2014	Bat Site 7	SM2+ Bat Call Recording	<i>Nyctophilus geoffroyi</i>	Lesser Long-eared Bat
13/03/2014	Bat Site 7	SM2+ Bat Call Recording	<i>Scotorepens balstoni</i>	Inland Broad-nosed Bat
13/03/2014	Bat Site 7	SM2+ Bat Call Recording	<i>Tadarida australis</i>	White-striped Freetail-bat
13/03/2014	Bat Site 7	SM2+ Bat Call Recording	<i>Vespadelus regulus</i>	Southern Forest Bat
13/03/2014	Opportunistic	Opportunistic	<i>Crenadactylus ocellatus ocellatus</i>	Clawless Gecko
13/03/2014	Opportunistic	Opportunistic	<i>Cryptoblepharus buchananii</i>	Buchanan's Snake-eyed Skink

Date	Trap Site	Trap Type	Species	Common Name
13/03/2014	Opportunistic	Opportunistic	<i>Ctenophorus salinarum</i>	Salt Pan Dragon
13/03/2014	Opportunistic	Opportunistic	<i>Egernia richardi</i>	Woodland Crevice Skink
13/03/2014	Opportunistic	Opportunistic	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
13/03/2014	Opportunistic	Opportunistic	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
13/03/2014	Opportunistic	Opportunistic	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
13/03/2014	Opportunistic	Opportunistic	<i>Pogona minor minor</i>	Western Bearded Dragon
13/03/2014	TS 1.1	Bucket	<i>Oedura reticulata</i>	Reticulated Velvet Gecko
13/03/2014	TS 1.10	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
13/03/2014	TS 1.6	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
13/03/2014	TS 1.6	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
13/03/2014	TS 1.7	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
13/03/2014	TS 1.9	Bucket	<i>Lucasium maini</i>	Main's Ground Gecko
13/03/2014	TS 2.1	Bucket	<i>Crenadactylus ocellatus ocellatus</i>	Clawless Gecko
13/03/2014	TS 2.1	Bucket	<i>Ctenotus schomburgkii</i>	Barred Wedge-snout Ctenotus
13/03/2014	TS 2.1	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
13/03/2014	TS 2.4	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
13/03/2014	TS 2.5	Bucket	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
13/03/2014	TS 2.5	Bucket	<i>Pseudomys bolami</i>	Bolam's Mouse
13/03/2014	TS 2.7	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
13/03/2014	TS 2.8	Funnel	<i>Crenadactylus ocellatus ocellatus</i>	Clawless Gecko
13/03/2014	TS 2.9	Funnel	<i>Crenadactylus ocellatus ocellatus</i>	Clawless Gecko
13/03/2014	TS 3.10	Bucket	<i>Mus musculus</i>	House Mouse
13/03/2014	TS 3.10	Bucket	<i>Mus musculus</i>	House Mouse
13/03/2014	TS 3.6	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
13/03/2014	TS 3.7	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
13/03/2014	TS 3.9	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
13/03/2014	TS 4.1	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
13/03/2014	TS 4.10	Funnel	<i>Moloch horridus</i>	Thorny Devil
13/03/2014	TS 4.2	Bucket	<i>Crenadactylus ocellatus ocellatus</i>	Clawless Gecko
13/03/2014	TS 4.2	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
13/03/2014	TS 4.4	Bucket	<i>Ctenotus schomburgkii</i>	Barred Wedge-snout Ctenotus
13/03/2014	TS 4.4	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
13/03/2014	TS 4.5	Funnel	<i>Crenadactylus ocellatus ocellatus</i>	Clawless Gecko
13/03/2014	TS 4.5	Bucket	<i>Cryptoblepharus buchananii</i>	Buchanan's Snake-eyed Skink
13/03/2014	TS 4.7	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
13/03/2014	TS 5.1	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia

Date	Trap Site	Trap Type	Species	Common Name
13/03/2014	TS 5.2	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
13/03/2014	TS 5.7	Funnel	<i>Underwoodisaurus milii</i>	Barking Gecko
13/03/2014	TS 5.8	Elliot (A)	<i>Pseudomys bolami</i>	Bolam's Mouse
13/03/2014	TS 5.8	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
13/03/2014	TS 5.8	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
13/03/2014	TS 6.1	Opportunistic	<i>Pogona minor minor</i>	Western Bearded Dragon
13/03/2014	TS 6.2	Bucket	<i>Pogona minor minor</i>	Western Bearded Dragon
13/03/2014	TS 6.3	Bucket	<i>Pseudomys bolami</i>	Bolam's Mouse
13/03/2014	TS 6.4	Bucket	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
13/03/2014	TS 6.6	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
13/03/2014	TS 6.6	Bucket	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
13/03/2014	wpt018	Elliot (B)	<i>Pseudomys bolami</i>	Bolam's Mouse
13/03/2014	wpt024	Elliot (B)	<i>Mus musculus</i>	House Mouse
13/03/2014	wpt032	Elliot (B)	<i>Pseudomys bolami</i>	Bolam's Mouse
13/03/2014	wpt089	Elliot (B)	<i>Mus musculus</i>	House Mouse
14/03/2014	Bat Site 8	SM2+ Bat Call Recording	<i>Chalinolobus gouldii</i>	Gould's Wattled Bat
14/03/2014	Bat Site 8	SM2+ Bat Call Recording	<i>Mormopterus planiceps</i>	Inland/Southern Freetail-bat
14/03/2014	Bat Site 8	SM2+ Bat Call Recording	<i>Nyctophilus geoffroyi</i>	Lesser Long-eared Bat
14/03/2014	Bat Site 8	SM2+ Bat Call Recording	<i>Tadarida australis</i>	White-striped Freetail-bat
14/03/2014	Bat Site 8	SM2+ Bat Call Recording	<i>Vespadelus regulus</i>	Southern Forest Bat
14/03/2014	Opportunistic	Opportunistic	<i>Ctenophorus cristatus</i>	Crested Bicycle Dragon
14/03/2014	Opportunistic	Opportunistic	<i>Ctenophorus salinarum</i>	Salt Pan Dragon
14/03/2014	Opportunistic	Opportunistic	<i>Ctenophorus salinarum</i>	Salt Pan Dragon
14/03/2014	Opportunistic	Opportunistic	<i>Ctenophorus salinarum</i>	Salt Pan Dragon
14/03/2014	Opportunistic	Opportunistic	<i>Moloch horridus</i>	Thorny Devil
14/03/2014	TS 1.1	Bucket	<i>Pseudophryne occidentalis</i>	Western Toadlet
14/03/2014	TS 1.1	Bucket	<i>Pseudophryne occidentalis</i>	Western Toadlet
14/03/2014	TS 1.1	Bucket	<i>Pseudophryne occidentalis</i>	Western Toadlet
14/03/2014	TS 1.1	Bucket	<i>Pseudophryne occidentalis</i>	Western Toadlet
14/03/2014	TS 1.8	Bucket	<i>Pseudomys bolami</i>	Bolam's Mouse
14/03/2014	TS 1.8	Bucket	<i>Pseudomys bolami</i>	Bolam's Mouse
14/03/2014	TS 1.9	Bucket	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
14/03/2014	TS 2.10	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
14/03/2014	TS 2.3	Bucket	<i>Crenadactylus ocellatus ocellatus</i>	Clawless Gecko
14/03/2014	TS 2.4	Bucket	<i>Underwoodisaurus milii</i>	Barking Gecko
14/03/2014	TS 2.5	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia

Date	Trap Site	Trap Type	Species	Common Name
14/03/2014	TS 2.6	Bucket	<i>Cercartetus concinnus</i>	Western Pygmy-possum
14/03/2014	TS 2.9	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
14/03/2014	TS 3.2	Bucket	<i>Underwoodisaurus milii</i>	Barking Gecko
14/03/2014	TS 3.7	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
14/03/2014	TS 4.2	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
14/03/2014	TS 4.2	Bucket	<i>Mus musculus</i>	House Mouse
14/03/2014	TS 4.2	Bucket	<i>Mus musculus</i>	House Mouse
14/03/2014	TS 4.3	Bucket	<i>Ctenotus schomburgkii</i>	Barred Wedge-snout Ctenotus
14/03/2014	TS 4.4	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
14/03/2014	TS 4.5	Funnel	<i>Ctenotus schomburgkii</i>	Barred Wedge-snout Ctenotus
14/03/2014	TS 4.8	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
14/03/2014	TS 4.9	Bucket	<i>Ramphotyphlops australis</i>	Southern Blind Snake
14/03/2014	TS 5.10	Elliot (A)	<i>Mus musculus</i>	House Mouse
14/03/2014	TS 5.3	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
14/03/2014	TS 6.10	Bucket	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
14/03/2014	TS 6.7	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
14/03/2014	TS 6.8	Funnel	<i>Crenadactylus ocellatus ocellatus</i>	Clawless Gecko
14/03/2014	TS 6.8	Bucket	<i>Lerista distinguenda</i>	SW Four-toed Lerista
14/03/2014	TS 6.8	Bucket	<i>Mus musculus</i>	House Mouse
14/03/2014	TS 6.9	Bucket	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
14/03/2014	TS 6.9	Bucket	<i>Pseudomys bolami</i>	Bolam's Mouse
14/03/2014	wpt024	Elliot (B)	<i>Mus musculus</i>	House Mouse
14/03/2014	wpt024	Elliot (B)	<i>Mus musculus</i>	House Mouse
14/03/2014	wpt091	Elliot (B)	<i>Mus musculus</i>	House Mouse
14/03/2014	wpt101	Elliot (B)	<i>Mus musculus</i>	House Mouse
14/03/2014	wpt105	Elliot (B)	<i>Mus musculus</i>	House Mouse
15/03/2014	Opportunistic	Opportunistic	<i>Ctenophorus cristatus</i>	Crested Bicycle Dragon
15/03/2014	Opportunistic	Opportunistic	<i>Ctenophorus salinarum</i>	Salt Pan Dragon
15/03/2014	Opportunistic	Opportunistic	<i>Heteronotia binoei</i>	Bynoe's Gecko
15/03/2014	Opportunistic	Opportunistic	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
15/03/2014	Opportunistic	Opportunistic	<i>Pogona minor minor</i>	Western Bearded Dragon
15/03/2014	TS 1.10	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
15/03/2014	TS 1.10	Bucket	<i>Mus musculus</i>	House Mouse
15/03/2014	TS 1.10	Bucket	<i>Pogona minor minor</i>	Western Bearded Dragon
15/03/2014	TS 1.9	Bucket	<i>Pseudomys bolami</i>	Bolam's Mouse
15/03/2014	TS 2.10	Funnel	<i>Underwoodisaurus milii</i>	Barking Gecko

Date	Trap Site	Trap Type	Species	Common Name
15/03/2014	TS 2.5	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
15/03/2014	TS 2.6	Bucket	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
15/03/2014	TS 2.8	Funnel	<i>Crenadactylus ocellatus ocellatus</i>	Clawless Gecko
15/03/2014	TS 2.9	Bucket	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
15/03/2014	TS 2.9	Bucket	<i>Morethia butleri</i>	Woodland Dark-flecked Morethia
15/03/2014	TS 3.1	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
15/03/2014	TS 3.1	Bucket	<i>Mus musculus</i>	House Mouse
15/03/2014	TS 3.4	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
15/03/2014	TS 3.5	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
15/03/2014	TS 3.5	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
15/03/2014	TS 4.1	Bucket	<i>Ctenotus schomburgkii</i>	Barred Wedge-snout Ctenotus
15/03/2014	TS 4.2	Bucket	<i>Lerista distinguenda</i>	SW Four-toed Lerista
15/03/2014	TS 4.2	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
15/03/2014	TS 4.3	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
15/03/2014	TS 4.3	Bucket	<i>Pseudomys bolami</i>	Bolam's Mouse
15/03/2014	TS 4.4	Bucket	<i>Cryptoblepharus buchananii</i>	Buchanan's Snake-eyed Skink
15/03/2014	TS 4.4	Bucket	<i>Cercartetus concinnus</i>	Western Pygmy-possum
15/03/2014	TS 4.7	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
15/03/2014	TS 4.8	Bucket	<i>Moloch horridus</i>	Thorny Devil
15/03/2014	TS 5.10	Elliot (A)	<i>Pseudomys bolami</i>	Bolam's Mouse
15/03/2014	TS 5.6	Funnel	<i>Ctenotus schomburgkii</i>	Barred Wedge-snout Ctenotus
15/03/2014	TS 5.6	Funnel	<i>Ctenotus schomburgkii</i>	Barred Wedge-snout Ctenotus
15/03/2014	TS 5.6	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
15/03/2014	TS 5.6	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
15/03/2014	TS 5.7	Bucket	<i>Egernia richardi</i>	Woodland Crevice Skink
15/03/2014	TS 5.7	Funnel	<i>Ctenotus schomburgkii</i>	Barred Wedge-snout Ctenotus
15/03/2014	TS 6.10	Bucket	<i>Menetia greyii</i>	Dwarf Skink
15/03/2014	wpt011	Elliot (B)	<i>Pseudomys bolami</i>	Bolam's Mouse
15/03/2014	wpt024	Elliot (B)	<i>Mus musculus</i>	House Mouse
15/03/2014	wpt094	Elliot (B)	<i>Mus musculus</i>	House Mouse
15/03/2014	wpt101	Elliot (B)	<i>Pseudomys bolami</i>	Bolam's Mouse
16/03/2014	Bat Site 10	SM2+ Bat Call Recording	<i>Chalinolobus gouldii</i>	Gould's Wattled Bat
16/03/2014	Bat Site 10	SM2+ Bat Call Recording	<i>Mormopterus planiceps</i>	Inland/Southern Freetail-bat
16/03/2014	Bat Site 10	SM2+ Bat Call Recording	<i>Nyctophilus geoffroyi</i>	Lesser Long-eared Bat
16/03/2014	Bat Site 10	SM2+ Bat Call Recording	<i>Nyctophilus major tor</i>	Central Long-eared Bat
16/03/2014	Bat Site 10	SM2+ Bat Call Recording	<i>Tadarida australis</i>	White-striped Freetail-bat

Date	Trap Site	Trap Type	Species	Common Name
16/03/2014	Bat Site 10	SM2+ Bat Call Recording	<i>Vespadelus regulus</i>	Southern Forest Bat
16/03/2014	Opportunistic	Opportunistic	<i>Cryptoblepharus buchananii</i>	Buchanan's Snake-eyed Skink
16/03/2014	Opportunistic	Opportunistic	<i>Ctenophorus cristatus</i>	Crested Bicycle Dragon
16/03/2014	Opportunistic	Opportunistic	<i>Heteronotia binoei</i>	Bynoe's Gecko
16/03/2014	Opportunistic	Opportunistic	<i>Heteronotia binoei</i>	Bynoe's Gecko
16/03/2014	Opportunistic	Opportunistic	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
16/03/2014	Opportunistic	Opportunistic	<i>Pogona minor minor</i>	Western Bearded Dragon
16/03/2014	Opportunistic	Opportunistic	<i>Pogona minor minor</i>	Western Bearded Dragon
16/03/2014	TS 1.5	Bucket	<i>Cryptoblepharus buchananii</i>	Buchanan's Snake-eyed Skink
16/03/2014	TS 1.5	Funnel	<i>Ctenotus schomburgkii</i>	Barred Wedge-snout Ctenotus
16/03/2014	TS 2.2	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
16/03/2014	TS 3.2	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
16/03/2014	TS 3.4	Bucket	<i>Ramphotyphlops australis</i>	Southern Blind Snake
16/03/2014	TS 3.5	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
16/03/2014	TS 3.5	Bucket	<i>Ctenophorus cristatus</i>	Crested Bicycle Dragon
16/03/2014	TS 3.5	Bucket	<i>Lerista distinguenda</i>	SW Four-toed Lerista
16/03/2014	TS 3.5	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
16/03/2014	TS 4.2	Bucket	<i>Mus musculus</i>	House Mouse
16/03/2014	TS 4.5	Bucket	<i>Egernia richardi</i>	Woodland Crevice Skink
16/03/2014	TS 4.7	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
16/03/2014	TS 5.10	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
16/03/2014	TS 5.5	Bucket	<i>Ctenotus schomburgkii</i>	Barred Wedge-snout Ctenotus
16/03/2014	TS 5.5	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
16/03/2014	TS 5.8	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
16/03/2014	TS 5.8	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
16/03/2014	TS 6.10	Funnel	<i>Morethia butleri</i>	Woodland Dark-flecked Morethia
16/03/2014	TS 6.2	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
16/03/2014	TS 6.5	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
16/03/2014	TS 6.7	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
16/03/2014	TS 6.8	Bucket	<i>Moloch horridus</i>	Thorny Devil
16/03/2014	TS 6.8	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
16/03/2014	wpt032	Elliot (B)	<i>Mus musculus</i>	House Mouse
16/03/2014	wpt079	Elliot (B)	<i>Mus musculus</i>	House Mouse
16/03/2014	wpt090	Elliot (B)	<i>Pseudomys bolami</i>	Bolam's Mouse
16/03/2014	wpt094	Elliot (B)	<i>Mus musculus</i>	House Mouse
16/03/2014	wpt098	Elliot (B)	<i>Mus musculus</i>	House Mouse

Date	Trap Site	Trap Type	Species	Common Name
17/03/2014	TS 1.1	Funnel	<i>Crenadactylus ocellatus ocellatus</i>	Clawless Gecko
17/03/2014	TS 1.1	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
17/03/2014	TS 1.10	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
17/03/2014	TS 1.2	Funnel	<i>Parasuta nigriceps</i>	Black-backed Snake
17/03/2014	TS 1.4	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
17/03/2014	TS 1.5	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
17/03/2014	TS 1.6	Bucket	<i>Ctenotus schomburgkii</i>	Barred Wedge-snout Ctenotus
17/03/2014	TS 1.6	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
17/03/2014	TS 1.6	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
17/03/2014	TS 1.6	Funnel	<i>Gehyra variegata</i>	Variegated Dtella
17/03/2014	TS 1.7	Bucket	<i>Moloch horridus</i>	Thorny Devil
17/03/2014	TS 1.7	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
17/03/2014	TS 1.8	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
17/03/2014	TS 1.8	Bucket	<i>Ctenotus schomburgkii</i>	Barred Wedge-snout Ctenotus
17/03/2014	TS 1.8	Bucket	<i>Crenadactylus ocellatus ocellatus</i>	Clawless Gecko
17/03/2014	TS 1.9	Bucket	<i>Moloch horridus</i>	Thorny Devil
17/03/2014	TS 1.9	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
17/03/2014	TS 1.9	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
17/03/2014	TS 1.9	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
17/03/2014	TS 2.4	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
17/03/2014	TS 3.6	Bucket	<i>Ctenophorus cristatus</i>	Crested Bicycle Dragon
17/03/2014	TS 3.8	Bucket	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
17/03/2014	TS 4.10	Bucket	<i>Menetia greyii</i>	Dwarf Skink
17/03/2014	TS 4.2	Bucket	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
17/03/2014	TS 4.4	Bucket	<i>Egernia richardi</i>	Woodland Crevice Skink
17/03/2014	TS 4.6	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
17/03/2014	TS 4.8	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
17/03/2014	TS 4.9	Funnel	<i>Egernia richardi</i>	Woodland Crevice Skink
17/03/2014	TS 5.3	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
17/03/2014	TS 5.6	Funnel	<i>Parasuta nigriceps</i>	Black-backed Snake
17/03/2014	TS 5.8	Funnel	<i>Morethia butleri</i>	Woodland Dark-flecked Morethia
17/03/2014	TS 5.9	Funnel	<i>Underwoodisaurus milii</i>	Barking Gecko
17/03/2014	TS 6.10	Funnel	<i>Crenadactylus ocellatus ocellatus</i>	Clawless Gecko
17/03/2014	TS 6.10	Funnel	<i>Crenadactylus ocellatus ocellatus</i>	Clawless Gecko
17/03/2014	TS 6.7	Opportunistic	<i>Crenadactylus ocellatus ocellatus</i>	Clawless Gecko
17/03/2014	TS 6.9	Funnel	<i>Pogona minor minor</i>	Western Bearded Dragon

Date	Trap Site	Trap Type	Species	Common Name
17/03/2014	wpt016	Elliot (B)	<i>Pseudomys bolami</i>	Bolam's Mouse
17/03/2014	wpt018	Elliot (B)	<i>Mus musculus</i>	House Mouse
17/03/2014	wpt040	Elliot (B)	<i>Mus musculus</i>	House Mouse
17/03/2014	wpt040	Elliot (B)	<i>Mus musculus</i>	House Mouse
17/03/2014	wpt089	Elliot (B)	<i>Mus musculus</i>	House Mouse
17/03/2014	wpt097	Elliot (B)	<i>Mus musculus</i>	House Mouse
17/03/2014	wpt103	Elliot (B)	<i>Mus musculus</i>	House Mouse
17/03/2014	wpt107	Elliot (B)	<i>Pseudomys bolami</i>	Bolam's Mouse
18/03/2014	TS 2.1	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
18/03/2014	TS 2.1	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
18/03/2014	TS 2.3	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
18/03/2014	TS 2.5	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
18/03/2014	TS 2.6	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
18/03/2014	TS 3.5	Bucket	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
18/03/2014	TS 3.5	Bucket	<i>Underwoodisaurus milii</i>	Barking Gecko
18/03/2014	TS 3.5	Funnel	<i>Underwoodisaurus milii</i>	Barking Gecko
18/03/2014	TS 3.8	Elliot (A)	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
18/03/2014	TS 4.1	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
18/03/2014	TS 4.10	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
18/03/2014	TS 4.3	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
18/03/2014	TS 4.5	Bucket	<i>Pseudomys bolami</i>	Bolam's Mouse
18/03/2014	TS 4.6	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
18/03/2014	TS 4.6	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
18/03/2014	TS 4.7	Funnel	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko
18/03/2014	TS 6.10	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
18/03/2014	TS 6.10	Funnel	<i>Crenadactylus ocellatus ocellatus</i>	Clawless Gecko
18/03/2014	TS 6.2	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
18/03/2014	TS 6.3	Bucket	<i>Mus musculus</i>	House Mouse
18/03/2014	TS 6.4	Funnel	<i>Morethia obscura</i>	Shrubland Pale-flecked Morethia
18/03/2014	TS 6.8	Bucket	<i>Pogona minor minor</i>	Western Bearded Dragon
18/03/2014	TS 6.8	Bucket	<i>Diplodactylus granariensis</i>	Wheatbelt Stone Gecko

Phase 1 & 2
Bird Observations

Date	Site	Survey Type	Species	Common Name	Number observed	Start Time	End Time
11/11/2013	Trap Site 1	Opportunistic	<i>Strepera versicolor</i>	Grey Currawong	2	12:00:00 PM	
11/11/2013	Trap Site 1	Opportunistic	<i>Phylidonyris albifrons</i>	White-fronted Honeyeater	1	12:00:00 PM	
12/11/2013	Camp	Opportunistic	<i>Falco cenchroides</i>	Australian Kestrel	2	12:00:00 PM	
12/11/2013	Camp	Opportunistic	<i>Melopsittacus undulatus</i>	Budgerigar	2	12:00:00 PM	
12/11/2013	Camp	Opportunistic	<i>Artamus cyanopterus</i>	Dusky Woodswallow	10	12:00:00 PM	
12/11/2013	Trap Site 3	Opportunistic	<i>Melithreptus brevirostris</i>	Brown-headed Honeyeater	1	12:00:00 PM	
12/11/2013	Trap Site 3	Opportunistic	<i>Glossopsitta porphyrocephala</i>	Purple-crowned Lorikeet	10	12:00:00 PM	
12/11/2013	Wpt 46	Opportunistic	<i>Ardeotis australis</i>	Australian Bustard	1	12:00:00 PM	
13/11/2013	Access Track E/W	Opportunistic	<i>Falco berigora</i>	Brown Falcon	2	12:00:00 PM	
13/11/2013	Camp	Opportunistic	<i>Artamus cyanopterus</i>	Dusky Woodswallow	10	12:00:00 PM	
13/11/2013	Camp	Opportunistic	<i>Cincloramphus mathewsi</i>	Rufous Songlark	2	12:00:00 PM	
13/11/2013	Camp	Opportunistic	<i>Hirundo nigricans</i>	Tree Martin	2	12:00:00 PM	
13/11/2013	Camp	Opportunistic	<i>Lalage sueurii</i>	White-winged Triller	2	12:00:00 PM	
13/11/2013	Trap Site 5	Opportunistic	<i>Falco cenchroides</i>	Australian Kestrel	1	12:00:00 PM	
14/11/2013	Access Track E/W	Opportunistic	<i>Anthus novaeseelandiae</i>	Australian Pipit	1	6:09:00 AM	
14/11/2013	Access Track E/W	Opportunistic	<i>Artamus personatus</i>	Masked Woodswallow	6	6:09:00 AM	
14/11/2013	Access Track E/W	Opportunistic	<i>Cuculus pallidus</i>	Pallid Cuckoo	1	6:09:00 AM	
14/11/2013	Access Track E/W	Opportunistic	<i>Acanthagenys rufogularis</i>	Spiny-cheeked Honeyeater	1	6:09:00 AM	
14/11/2013	Access Track E/W	Opportunistic	<i>Smicrornis brevirostris</i>	Weebill	1	6:09:00 AM	
14/11/2013	Access Track E/W	Opportunistic	<i>Lalage sueurii</i>	White-winged Triller	1	6:09:00 AM	
14/11/2013	Trap Site 1	20 min Point Survey	<i>Melithreptus brevirostris</i>	Brown-headed Honeyeater	5	5:45:00 PM	6:05:00 PM
14/11/2013	Trap Site 1	20 min Point Survey	<i>Colluricincla harmonica</i>	Grey Shrike-thrush	1	5:45:00 PM	6:05:00 PM
14/11/2013	Trap Site 1	20 min Point Survey	<i>Glossopsitta porphyrocephala</i>	Purple-crowned Lorikeet	1	5:35:00 AM	5:55:00 AM
14/11/2013	Trap Site 1	20 min Point Survey	<i>Merops ornatus</i>	Rainbow Bee-eater	1	5:45:00 PM	6:05:00 PM
14/11/2013	Trap Site 1	20 min Point Survey	<i>Anthochaera carunculata</i>	Red Wattlebird	1	5:35:00 AM	5:55:00 AM
14/11/2013	Trap Site 1	20 min Point Survey	<i>Anthochaera carunculata</i>	Red Wattlebird	2	5:45:00 PM	6:05:00 PM
14/11/2013	Trap Site 1	20 min Point Survey	<i>Acanthagenys rufogularis</i>	Spiny-cheeked Honeyeater	1	5:35:00 AM	5:55:00 AM
14/11/2013	Trap Site 1	20 min Point Survey	<i>Pardalotus striatus</i>	Striated Pardalote	1	5:35:00 AM	5:55:00 AM
14/11/2013	Trap Site 1	20 min Point Survey	<i>Hirundo nigricans</i>	Tree Martin	1	5:45:00 PM	6:05:00 PM
14/11/2013	Trap Site 1	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	1	5:35:00 AM	5:55:00 AM
14/11/2013	Trap Site 1	20 min Point Survey	<i>Gerygone fusca</i>	Western Gerygone	1	5:35:00 AM	5:55:00 AM
14/11/2013	Trap Site 1	20 min Point Survey	<i>Phylidonyris albifrons</i>	White-fronted Honeyeater	1	5:35:00 AM	5:55:00 AM
14/11/2013	Trap Site 1	20 min Point Survey	<i>Phylidonyris albifrons</i>	White-fronted Honeyeater	2	5:45:00 PM	6:05:00 PM
14/11/2013	Trap Site 1	20 min Point Survey	<i>Lalage sueurii</i>	White-winged Triller	2	5:45:00 PM	6:05:00 PM
14/11/2013	Trap Site 2	20 min Point Survey	<i>Cracticus tibicen</i>	Australian Magpie	1	8:20:00 AM	8:40:00 AM
14/11/2013	Trap Site 2	20 min Point Survey	<i>Oreoica gutturalis pallescens</i>	Crested Bellbird	1	8:20:00 AM	8:40:00 AM
14/11/2013	Trap Site 2	20 min Point Survey	<i>Glossopsitta porphyrocephala</i>	Purple-crowned Lorikeet	4	8:20:00 AM	8:40:00 AM
14/11/2013	Trap Site 2	20 min Point Survey	<i>Anthochaera carunculata</i>	Red Wattlebird	1	11:00:00 AM	11:20:00 AM
14/11/2013	Trap Site 2	20 min Point Survey	<i>Acanthagenys rufogularis</i>	Spiny-cheeked Honeyeater	1	8:20:00 AM	8:40:00 AM
14/11/2013	Trap Site 2	20 min Point Survey	<i>Acanthagenys rufogularis</i>	Spiny-cheeked Honeyeater	1	11:00:00 AM	11:20:00 AM

Date	Site	Survey Type	Species	Common Name	Number observed	Start Time	End Time
14/11/2013	Trap Site 2	20 min Point Survey	<i>Phylidonyris melanops</i>	Tawny-crowned Honeyeater	2	8:20:00 AM	8:40:00 AM
14/11/2013	Trap Site 2	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	1	8:20:00 AM	8:40:00 AM
14/11/2013	Trap Site 2	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	1	11:00:00 AM	11:20:00 AM
14/11/2013	Trap Site 2 to Camp	Transect	<i>Falco cenchroides</i>	Australian Kestrel	1	11:20:00 AM	12:00:00 PM
14/11/2013	Trap Site 2 to Camp	Transect	<i>Acanthiza apicalis</i>	Broad-tailed Thornbill	1	11:20:00 AM	12:00:00 PM
14/11/2013	Trap Site 2 to Camp	Transect	<i>Falco berigora</i>	Brown Falcon	1	11:20:00 AM	12:00:00 PM
14/11/2013	Trap Site 2 to Camp	Transect	<i>Anthochaera carunculata</i>	Red Wattlebird	1	11:20:00 AM	12:00:00 PM
14/11/2013	Trap Site 2 to Camp	Transect	<i>Acanthagenys rufogularis</i>	Spiny-cheeked Honeyeater	1	11:20:00 AM	12:00:00 PM
14/11/2013	Trap Site 2 to Camp	Transect	<i>Pardalotus striatus</i>	Striated Pardalote	1	11:20:00 AM	12:00:00 PM
14/11/2013	Trap Site 2 to Camp	Transect	<i>Hirundo nigricans</i>	Tree Martin	3	11:20:00 AM	12:00:00 PM
14/11/2013	Trap Site 2 to Camp	Transect	<i>Smicrornis brevirostris</i>	Weebill	1	11:20:00 AM	12:00:00 PM
14/11/2013	Trap Site 2 to Camp	Transect	<i>Phylidonyris albifrons</i>	White-fronted Honeyeater	1	11:20:00 AM	12:00:00 PM
14/11/2013	Trap Site 3	20 min Point Survey	<i>Malurus pulcherrimus</i>	Blue-breasted Fairy-wren	1	5:00:00 PM	5:20:00 PM
14/11/2013	Trap Site 3	20 min Point Survey	<i>Lichmera indistincta</i>	Brown Honeyeater	1	8:45:00 AM	9:05:00 AM
14/11/2013	Trap Site 3	20 min Point Survey	<i>Oreica gutturalis pallescens</i>	Crested Bellbird	1	8:45:00 AM	9:05:00 AM
14/11/2013	Trap Site 3	20 min Point Survey	<i>Pachycephala pectoralis</i>	Golden Whistler	1	8:45:00 AM	9:05:00 AM
14/11/2013	Trap Site 3	20 min Point Survey	<i>Pachycephala pectoralis</i>	Golden Whistler	1	9:35:00 AM	9:55:00 AM
14/11/2013	Trap Site 3	20 min Point Survey	<i>Colluricincla harmonica</i>	Grey Shrike-thrush	2	9:35:00 AM	9:55:00 AM
14/11/2013	Trap Site 3	20 min Point Survey	<i>Petroica goodenovii</i>	Red-capped Robin	1	5:00:00 PM	5:20:00 PM
14/11/2013	Trap Site 3	20 min Point Survey	<i>Zosterops lateralis</i>	Silvereye	1	9:35:00 AM	9:55:00 AM
14/11/2013	Trap Site 3	20 min Point Survey	<i>Acanthagenys rufogularis</i>	Spiny-cheeked Honeyeater	1	8:45:00 AM	9:05:00 AM
14/11/2013	Trap Site 3	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	1	8:45:00 AM	9:05:00 AM
14/11/2013	Trap Site 3	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	5	9:35:00 AM	9:55:00 AM
14/11/2013	Trap Site 3	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	1	5:00:00 PM	5:20:00 PM
14/11/2013	Trap Site 3	20 min Point Survey	<i>Eopsaltria australis</i>	Western Yellow Robin	1	9:35:00 AM	9:55:00 AM
14/11/2013	Trap Site 3	20 min Point Survey	<i>Lichenostomus leucotis</i>	White-eared Honeyeater	1	8:45:00 AM	9:05:00 AM
14/11/2013	Trap Site 3	20 min Point Survey	<i>Phylidonyris albifrons</i>	White-fronted Honeyeater	1	8:45:00 AM	9:05:00 AM
14/11/2013	Trap Site 3	20 min Point Survey	<i>Phylidonyris albifrons</i>	White-fronted Honeyeater	3	9:35:00 AM	9:55:00 AM
14/11/2013	Trap Site 3	20 min Point Survey	<i>Phylidonyris albifrons</i>	White-fronted Honeyeater	1	5:00:00 PM	5:20:00 PM
14/11/2013	Trap Site 3	20 min Point Survey	<i>Lalage sueurii</i>	White-winged Triller	2	9:35:00 AM	9:55:00 AM
14/11/2013	Trap Site 3	20 min Point Survey	<i>Lalage sueurii</i>	White-winged Triller	1	5:00:00 PM	5:20:00 PM
14/11/2013	Trap Site 3 to 4	Transect	<i>Coracina novaehollandiae</i>	Black-faced Cuckoo-shrike	1	9:55:00 AM	10:20:00 AM
14/11/2013	Trap Site 3 to 4	Transect	<i>Falco berigora</i>	Brown Falcon	2	9:55:00 AM	10:20:00 AM
14/11/2013	Trap Site 3 to 4	Transect	<i>Artamus personatus</i>	Masked Woodswallow	1	9:55:00 AM	10:20:00 AM
14/11/2013	Trap Site 3 to 4	Transect	<i>Phylidonyris melanops</i>	Tawny-crowned Honeyeater	1	9:55:00 AM	10:20:00 AM
14/11/2013	Trap Site 3 to 4	Transect	<i>Smicrornis brevirostris</i>	Weebill	1	9:55:00 AM	10:20:00 AM
14/11/2013	Trap Site 3 to 4	Transect	<i>Phylidonyris albifrons</i>	White-fronted Honeyeater	1	9:55:00 AM	10:20:00 AM
14/11/2013	Trap Site 3 to 4	Transect	<i>Lalage sueurii</i>	White-winged Triller	1	9:55:00 AM	10:20:00 AM
14/11/2013	Trap Site 4	20 min Point Survey	<i>Coracina novaehollandiae</i>	Black-faced Cuckoo-shrike	1	10:20:00 AM	10:40:00 AM
14/11/2013	Trap Site 4	20 min Point Survey	<i>Glossopsitta porphyrocephala</i>	Purple-crowned Lorikeet	10	7:40:00 AM	8:00:00 AM
14/11/2013	Trap Site 4	20 min Point Survey	<i>Anthochaera carunculata</i>	Red Wattlebird	5	7:40:00 AM	8:00:00 AM
14/11/2013	Trap Site 4	20 min Point Survey	<i>Acanthagenys rufogularis</i>	Spiny-cheeked Honeyeater	3	7:40:00 AM	8:00:00 AM
14/11/2013	Trap Site 4	20 min Point Survey	<i>Pardalotus striatus</i>	Striated Pardalote	2	7:40:00 AM	8:00:00 AM

Date	Site	Survey Type	Species	Common Name	Number observed	Start Time	End Time
14/11/2013	Trap Site 4	20 min Point Survey	<i>Pardalotus striatus</i>	Striated Pardalote	3	10:20:00 AM	10:40:00 AM
14/11/2013	Trap Site 4	20 min Point Survey	<i>Hirundo nigricans</i>	Tree Martin	1	10:20:00 AM	10:40:00 AM
14/11/2013	Trap Site 4	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	4	7:40:00 AM	8:00:00 AM
14/11/2013	Trap Site 4	20 min Point Survey	<i>Phylidonyris albifrons</i>	White-fronted Honeyeater	1	7:40:00 AM	8:00:00 AM
14/11/2013	Trap Site 4	20 min Point Survey	<i>Phylidonyris albifrons</i>	White-fronted Honeyeater	1	10:20:00 AM	10:40:00 AM
14/11/2013	Trap Site 4	20 min Point Survey	<i>Lalage sueurii</i>	White-winged Triller	1	7:40:00 AM	8:00:00 AM
14/11/2013	Trap Site 4	20 min Point Survey	<i>Rhipidura leucophrys</i>	Willie Wagtail	2	10:20:00 AM	10:40:00 AM
14/11/2013	Trap Site 4 to 2	Transect	<i>Acanthiza apicalis</i>	Broad-tailed Thornbill	2	10:40:00 AM	11:00:00 AM
14/11/2013	Trap Site 4 to 2	Transect	<i>Pyrrholaemus brunneus</i>	Redthroat	2	10:40:00 AM	11:00:00 AM
14/11/2013	Trap Site 4 to 2	Transect	<i>Smicrornis brevirostris</i>	Weebill	1	10:40:00 AM	11:00:00 AM
14/11/2013	Trap Site 4 to 2	Transect	<i>Phylidonyris albifrons</i>	White-fronted Honeyeater	1	10:40:00 AM	11:00:00 AM
14/11/2013	Trap Site 4 to 2	Transect	<i>Lalage sueurii</i>	White-winged Triller	1	10:40:00 AM	11:00:00 AM
14/11/2013	Trap Site 4 to 2	Transect	<i>Lalage sueurii</i>	White-winged Triller	1	10:40:00 AM	11:00:00 AM
14/11/2013	Trap Site 5	20 min Point Survey	<i>Falco cenchroides</i>	Australian Kestrel	1	7:00:00 AM	7:20:00 AM
14/11/2013	Trap Site 5	20 min Point Survey	<i>Cracticus tibicen</i>	Australian Magpie	1	7:00:00 AM	7:20:00 AM
14/11/2013	Trap Site 5	20 min Point Survey	<i>Anthus novaeseelandiae</i>	Australian Pipit	1	7:00:00 AM	7:20:00 AM
14/11/2013	Trap Site 5	20 min Point Survey	<i>Anthochaera carunculata</i>	Red Wattlebird	1	4:10:00 PM	4:30:00 PM
14/11/2013	Trap Site 5	20 min Point Survey	<i>Acanthagenys rufogularis</i>	Spiny-cheeked Honeyeater	1	7:00:00 AM	7:20:00 AM
14/11/2013	Trap Site 5	20 min Point Survey	<i>Acanthagenys rufogularis</i>	Spiny-cheeked Honeyeater	2	4:10:00 PM	4:30:00 PM
14/11/2013	Trap Site 5	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	1	7:00:00 AM	7:20:00 AM
14/11/2013	Trap Site 5	20 min Point Survey	<i>Lalage sueurii</i>	White-winged Triller	1	7:00:00 AM	7:20:00 AM
14/11/2013	Trap Site 5	20 min Point Survey	<i>Manorina flavigula</i>	Yellow-throated Miner	1	7:00:00 AM	7:20:00 AM
14/11/2013	Trap Site 6	20 min Point Survey	<i>Falco berigora</i>	Brown Falcon	1	6:15:00 AM	6:35:00 AM
14/11/2013	Trap Site 6	20 min Point Survey	<i>Cacomantis flabelliformis</i>	Fan-tailed Cuckoo	1	6:15:00 AM	6:35:00 AM
14/11/2013	Trap Site 6	20 min Point Survey	<i>Artamus personatus</i>	Masked Woodswallow	2	6:15:00 AM	6:35:00 AM
14/11/2013	Trap Site 6	20 min Point Survey	<i>Glossopsitta porphyrocephala</i>	Purple-crowned Lorikeet	12	6:15:00 AM	6:35:00 AM
14/11/2013	Trap Site 6	20 min Point Survey	<i>Pyrrholaemus brunneus</i>	Redthroat	1	6:15:00 AM	6:35:00 AM
14/11/2013	Trap Site 6	20 min Point Survey	<i>Manorina flavigula</i>	Yellow-throated Miner	2	6:15:00 AM	6:35:00 AM
15/11/2013	Access Track E/W	Opportunistic	<i>Anthus novaeseelandiae</i>	Australian Pipit	1	6:05:00 AM	
15/11/2013	Access Track E/W	Opportunistic	<i>Hirundo nigricans</i>	Tree Martin	5	6:05:00 AM	
15/11/2013	Camp	Opportunistic	<i>Falco cenchroides</i>	Australian Kestrel	1	12:00:00 PM	12:30:00 PM
15/11/2013	Camp	Opportunistic	<i>Artamus cinereus</i>	Black-faced Woodswallow	2	1:30:00 PM	3:00:00 PM
15/11/2013	Camp	Opportunistic	<i>Falco berigora</i>	Brown Falcon	1	12:00:00 PM	12:30:00 PM
15/11/2013	Camp	Opportunistic	<i>Melopsittacus undulatus</i>	Budgerigar	4	12:00:00 PM	12:30:00 PM
15/11/2013	Camp	Opportunistic	<i>Oreoica gutturalis pallescens</i>	Crested Bellbird	1	12:00:00 PM	12:30:00 PM
15/11/2013	Camp	Opportunistic	<i>Artamus cyanopterus</i>	Dusky Woodswallow	4	1:30:00 PM	3:00:00 PM
15/11/2013	Camp	Opportunistic	<i>Cracticus torquatus</i>	Grey Butcherbird	1	12:00:00 PM	12:30:00 PM
15/11/2013	Camp	Opportunistic	<i>Glossopsitta porphyrocephala</i>	Purple-crowned Lorikeet	1	1:30:00 PM	3:00:00 PM
15/11/2013	Camp	Opportunistic	<i>Anthochaera carunculata</i>	Red Wattlebird	1	1:30:00 PM	3:00:00 PM
15/11/2013	Camp	Opportunistic	<i>Cincloramphus mathewsi</i>	Rufous Songlark	2	1:30:00 PM	3:00:00 PM
15/11/2013	Camp	Opportunistic	<i>Hamirostra isura</i>	Square-tailed Kite	1	12:00:00 PM	12:30:00 PM
15/11/2013	Camp	Opportunistic	<i>Smicrornis brevirostris</i>	Weebill	3	1:30:00 PM	3:00:00 PM
15/11/2013	Camp	Opportunistic	<i>Gerygone fusca</i>	Western Gerygone	1	1:30:00 PM	3:00:00 PM

Date	Site	Survey Type	Species	Common Name	Number observed	Start Time	End Time
15/11/2013	Camp	Opportunistic	<i>Lalage sueurii</i>	White-winged Triller	1	1:30:00 PM	3:00:00 PM
15/11/2013	Camp	Opportunistic	<i>Rhipidura leucophrys</i>	Willie Wagtail	1	12:00:00 PM	12:30:00 PM
15/11/2013	Camp	Opportunistic	<i>Rhipidura leucophrys</i>	Willie Wagtail	1	1:30:00 PM	3:00:00 PM
15/11/2013	Camp to Proposed Tailings Dam	Transect	<i>Platycercus zonarius</i>	Australian Ringneck Parrot	2	9:50:00 AM	10:10:00 AM
15/11/2013	Camp to Proposed Tailings Dam	Transect	<i>Malurus pulcherrimus</i>	Blue-breasted Fairy-wren	4	2:25:00 PM	2:45:00 PM
15/11/2013	Camp to Proposed Tailings Dam	Transect	<i>Falco berigora</i>	Brown Falcon	1	2:25:00 PM	2:45:00 PM
15/11/2013	Camp to Proposed Tailings Dam	Transect	<i>Oreoica gutturalis pallescens</i>	Crested Bellbird	1	9:50:00 AM	10:10:00 AM
15/11/2013	Camp to Proposed Tailings Dam	Transect	<i>Colluricincla harmonica</i>	Grey Shrike-thrush	1	9:50:00 AM	10:10:00 AM
15/11/2013	Camp to Proposed Tailings Dam	Transect	<i>Turnix velox</i>	Little Button-quail	1	2:25:00 PM	2:45:00 PM
15/11/2013	Camp to Proposed Tailings Dam	Transect	<i>Artamus personatus</i>	Masked Woodswallow	7	9:50:00 AM	10:10:00 AM
15/11/2013	Camp to Proposed Tailings Dam	Transect	<i>Cincloramphus mathewsi</i>	Rufous Songlark	2	9:50:00 AM	10:10:00 AM
15/11/2013	Camp to Proposed Tailings Dam	Transect	<i>Cincloramphus mathewsi</i>	Rufous Songlark	1	2:25:00 PM	2:45:00 PM
15/11/2013	Camp to Proposed Tailings Dam	Transect	<i>Climacteris rufa</i>	Rufous Treecreeper	1	9:50:00 AM	10:10:00 AM
15/11/2013	Camp to Proposed Tailings Dam	Transect	<i>Acanthagenys rufogularis</i>	Spiny-cheeked Honeyeater	2	9:50:00 AM	10:10:00 AM
15/11/2013	Camp to Proposed Tailings Dam	Transect	<i>Hirundo nigricans</i>	Tree Martin	5	9:50:00 AM	10:10:00 AM
15/11/2013	Camp to Proposed Tailings Dam	Transect	<i>Hirundo nigricans</i>	Tree Martin	1	2:25:00 PM	2:45:00 PM
15/11/2013	Camp to Proposed Tailings Dam	Transect	<i>Smicrornis brevirostris</i>	Weebill	5	9:50:00 AM	10:10:00 AM
15/11/2013	Camp to Proposed Tailings Dam	Transect	<i>Lalage sueurii</i>	White-winged Triller	5	9:50:00 AM	10:10:00 AM
15/11/2013	Camp to Proposed Tailings Dam	Transect	<i>Lalage sueurii</i>	White-winged Triller	1	2:25:00 PM	2:45:00 PM
15/11/2013	Camp to Proposed Tailings Dam	Transect	<i>Rhipidura leucophrys</i>	Willie Wagtail	2	9:50:00 AM	10:10:00 AM
15/11/2013	Proposed Tailings Dam	Transect	<i>Coracina novaehollandiae</i>	Black-faced Cuckoo-shrike	1	10:10:00 AM	11:10:00 AM
15/11/2013	Proposed Tailings Dam	Transect	<i>Malurus pulcherrimus</i>	Blue-breasted Fairy-wren	2	10:10:00 AM	11:10:00 AM
15/11/2013	Proposed Tailings Dam	Transect	<i>Falco berigora</i>	Brown Falcon	1	10:10:00 AM	11:10:00 AM
15/11/2013	Proposed Tailings Dam	Transect	<i>Phaps chalcoptera</i>	Common Bronzewing	1	10:10:00 AM	11:10:00 AM
15/11/2013	Proposed Tailings Dam	Transect	<i>Artamus cyanopterus</i>	Dusky Woodswallow	1	10:10:00 AM	11:10:00 AM
15/11/2013	Proposed Tailings Dam	Transect	<i>Chrysococcyx basalis</i>	Horsfield's Bronze Cuckoo	1	10:10:00 AM	11:10:00 AM
15/11/2013	Proposed Tailings Dam	Transect	<i>Artamus personatus</i>	Masked Woodswallow	5	10:10:00 AM	11:10:00 AM
15/11/2013	Proposed Tailings Dam	Transect	<i>Dicaeum hirundinaceum</i>	Mistletoebird	1	10:10:00 AM	11:10:00 AM
15/11/2013	Proposed Tailings Dam	Transect	<i>Certhionyx variegatus</i>	Pied Honeyeater	1	10:10:00 AM	11:10:00 AM
15/11/2013	Proposed Tailings Dam	Transect	<i>Anthochaera carunculata</i>	Red Wattlebird	2	10:10:00 AM	11:10:00 AM
15/11/2013	Proposed Tailings Dam	Transect	<i>Climacteris rufa</i>	Rufous Treecreeper	2	10:10:00 AM	11:10:00 AM
15/11/2013	Proposed Tailings Dam	Transect	<i>Acanthagenys rufogularis</i>	Spiny-cheeked Honeyeater	2	10:10:00 AM	11:10:00 AM
15/11/2013	Proposed Tailings Dam	Transect	<i>Podargus strigoides</i>	Tawny Frogmouth	3	10:10:00 AM	11:10:00 AM
15/11/2013	Proposed Tailings Dam	Transect	<i>Hirundo nigricans</i>	Tree Martin	20	10:10:00 AM	11:10:00 AM
15/11/2013	Proposed Tailings Dam	Transect	<i>Gerygone fusca</i>	Western Gerygone	1	10:10:00 AM	11:10:00 AM
15/11/2013	Proposed Tailings Dam	Transect	<i>Lalage sueurii</i>	White-winged Triller	4	10:10:00 AM	11:10:00 AM
15/11/2013	Proposed Tailings Dam	Transect	<i>Lichenostomus ornatus</i>	Yellow-plumed Honeyeater	2	10:10:00 AM	11:10:00 AM
15/11/2013	Proposed Tailings Dam to Proposed Workshop	Transect	<i>Artamus personatus</i>	Masked Woodswallow	5	11:10:00 AM	11:15:00 AM
15/11/2013	Proposed Tailings Dam to Proposed Workshop	Transect	<i>Certhionyx variegatus</i>	Pied Honeyeater	2	11:10:00 AM	11:15:00 AM
15/11/2013	Proposed Tailings Dam to Proposed Workshop	Transect	<i>Pardalotus striatus</i>	Striated Pardalote	1	11:10:00 AM	11:15:00 AM
15/11/2013	Proposed Tailings Dam to Proposed Workshop	Transect	<i>Lalage sueurii</i>	White-winged Triller	1	11:10:00 AM	11:15:00 AM
15/11/2013	Proposed Workshop	Transect	<i>Anthus novaeseelandiae</i>	Australian Pipit	2	11:15:00 AM	12:00:00 PM
15/11/2013	Proposed Workshop	Transect	<i>Acanthiza apicalis</i>	Broad-tailed Thornbill	1	3:30:00 PM	5:20:00 PM

Date	Site	Survey Type	Species	Common Name	Number observed	Start Time	End Time
15/11/2013	Proposed Workshop	Transect	<i>Melopsittacus undulatus</i>	Budgerigar	1	11:15:00 AM	12:00:00 PM
15/11/2013	Proposed Workshop	Transect	<i>Artamus cyanopterus</i>	Dusky Woodswallow	1	11:15:00 AM	12:00:00 PM
15/11/2013	Proposed Workshop	Transect	<i>Turnix velox</i>	Little Button-quail	2	11:15:00 AM	12:00:00 PM
15/11/2013	Proposed Workshop	Transect	<i>Turnix velox</i>	Little Button-quail	1	3:30:00 PM	5:20:00 PM
15/11/2013	Proposed Workshop	Transect	<i>Artamus personatus</i>	Masked Woodswallow	2	11:15:00 AM	12:00:00 PM
15/11/2013	Proposed Workshop	Transect	<i>Artamus personatus</i>	Masked Woodswallow	1	3:30:00 PM	5:20:00 PM
15/11/2013	Proposed Workshop	Transect	<i>Petroica goodenovii</i>	Red-capped Robin	2	11:15:00 AM	12:00:00 PM
15/11/2013	Proposed Workshop	Transect	<i>Petroica goodenovii</i>	Red-capped Robin	2	3:30:00 PM	5:20:00 PM
15/11/2013	Proposed Workshop	Transect	<i>Cincloramphus mathewsi</i>	Rufous Songlark	1	3:30:00 PM	5:20:00 PM
15/11/2013	Proposed Workshop	Transect	<i>Hirundo nigricans</i>	Tree Martin	2	11:15:00 AM	12:00:00 PM
15/11/2013	Proposed Workshop	Transect	<i>Hirundo nigricans</i>	Tree Martin	1	3:30:00 PM	5:20:00 PM
15/11/2013	Proposed Workshop	Transect	<i>Smicrornis brevirostris</i>	Weebill	5	3:30:00 PM	5:20:00 PM
15/11/2013	Proposed Workshop	Transect	<i>Phylidonyris albifrons</i>	White-fronted Honeyeater	1	11:15:00 AM	12:00:00 PM
15/11/2013	Proposed Workshop	Transect	<i>Phylidonyris albifrons</i>	White-fronted Honeyeater	1	3:30:00 PM	5:20:00 PM
15/11/2013	Proposed Workshop	Transect	<i>Lalage sueurii</i>	White-winged Triller	1	11:15:00 AM	12:00:00 PM
15/11/2013	Proposed Workshop	Transect	<i>Lalage sueurii</i>	White-winged Triller	3	3:30:00 PM	5:20:00 PM
15/11/2013	Proposed Workshop	Transect	<i>Acanthiza chrysorrhoa</i>	Yellow-rumped Thornbill	3	11:15:00 AM	12:00:00 PM
15/11/2013	Proposed Workshop	Transect	<i>Acanthiza chrysorrhoa</i>	Yellow-rumped Thornbill	4	3:30:00 PM	5:20:00 PM
15/11/2013	Trap Site 1	20 min Point Survey	<i>Coracina novaehollandiae</i>	Black-faced Cuckoo-shrike	1	8:30:00 AM	8:50:00 AM
15/11/2013	Trap Site 1	20 min Point Survey	<i>Melithreptus brevirostris</i>	Brown-headed Honeyeater	5	8:30:00 AM	8:50:00 AM
15/11/2013	Trap Site 1	20 min Point Survey	<i>Oreoica gutturalis pallescens</i>	Crested Bellbird	1	8:30:00 AM	8:50:00 AM
15/11/2013	Trap Site 1	20 min Point Survey	<i>Colluricincla harmonica</i>	Grey Shrike-thrush	1	8:30:00 AM	8:50:00 AM
15/11/2013	Trap Site 1	20 min Point Survey	<i>Anthochaera carunculata</i>	Red Wattlebird	1	8:30:00 AM	8:50:00 AM
15/11/2013	Trap Site 1	20 min Point Survey	<i>Acanthagenys rufogularis</i>	Spiny-cheeked Honeyeater	1	8:30:00 AM	8:50:00 AM
15/11/2013	Trap Site 1	20 min Point Survey	<i>Pardalotus striatus</i>	Striated Pardalote	1	8:30:00 AM	8:50:00 AM
15/11/2013	Trap Site 1	20 min Point Survey	<i>Hirundo nigricans</i>	Tree Martin	1	8:30:00 AM	8:50:00 AM
15/11/2013	Trap Site 1	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	1	8:30:00 AM	8:50:00 AM
15/11/2013	Trap Site 1	20 min Point Survey	<i>Lichenostomus leucotis</i>	White-eared Honeyeater	2	8:30:00 AM	8:50:00 AM
15/11/2013	Trap Site 1	20 min Point Survey	<i>Phylidonyris albifrons</i>	White-fronted Honeyeater	4	8:30:00 AM	8:50:00 AM
15/11/2013	Trap Site 2	20 min Point Survey	<i>Anthochaera carunculata</i>	Red Wattlebird	1	7:25:00 AM	7:45:00 AM
15/11/2013	Trap Site 2	20 min Point Survey	<i>Acanthagenys rufogularis</i>	Spiny-cheeked Honeyeater	1	7:25:00 AM	7:45:00 AM
15/11/2013	Trap Site 2	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	1	7:25:00 AM	7:45:00 AM
15/11/2013	Trap Site 3	20 min Point Survey	<i>Lichmera indistincta</i>	Brown Honeyeater	1	7:00:00 AM	7:20:00 AM
15/11/2013	Trap Site 3	20 min Point Survey	<i>Anthochaera carunculata</i>	Red Wattlebird	1	7:00:00 AM	7:20:00 AM
15/11/2013	Trap Site 3	20 min Point Survey	<i>Pyrrholaemus brunneus</i>	Redthroat	1	7:00:00 AM	7:20:00 AM
15/11/2013	Trap Site 3	20 min Point Survey	<i>Acanthagenys rufogularis</i>	Spiny-cheeked Honeyeater	1	7:00:00 AM	7:20:00 AM
15/11/2013	Trap Site 3	20 min Point Survey	<i>Pardalotus striatus</i>	Striated Pardalote	1	7:00:00 AM	7:20:00 AM
15/11/2013	Trap Site 3	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	1	7:00:00 AM	7:20:00 AM
15/11/2013	Trap Site 3	20 min Point Survey	<i>Phylidonyris albifrons</i>	White-fronted Honeyeater	1	7:00:00 AM	7:20:00 AM
15/11/2013	Trap Site 4	20 min Point Survey	<i>Anthochaera carunculata</i>	Red Wattlebird	1	7:55:00 AM	8:15:00 AM
15/11/2013	Trap Site 4	20 min Point Survey	<i>Pardalotus striatus</i>	Striated Pardalote	1	7:55:00 AM	8:15:00 AM
15/11/2013	Trap Site 4	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	1	7:55:00 AM	8:15:00 AM
15/11/2013	Trap Site 4	20 min Point Survey	<i>Phylidonyris albifrons</i>	White-fronted Honeyeater	5	7:55:00 AM	8:15:00 AM

Date	Site	Survey Type	Species	Common Name	Number observed	Start Time	End Time
15/11/2013	Trap Site 5	20 min Point Survey	<i>Falco cenchroides</i>	Australian Kestrel	1	6:30:00 AM	6:50:00 AM
15/11/2013	Trap Site 5	20 min Point Survey	<i>Anthochaera carunculata</i>	Red Wattlebird	1	6:30:00 AM	6:50:00 AM
15/11/2013	Trap Site 6	20 min Point Survey	<i>Acanthiza apicalis</i>	Broad-tailed Thornbill	1	5:40:00 AM	6:00:00 AM
15/11/2013	Trap Site 6	20 min Point Survey	<i>Phaps chalcoptera</i>	Common Bronzewing	1	5:40:00 AM	6:00:00 AM
15/11/2013	Trap Site 6	20 min Point Survey	<i>Oreoica gutturalis pallescens</i>	Crested Bellbird	1	5:40:00 AM	6:00:00 AM
15/11/2013	Trap Site 6	20 min Point Survey	<i>Cacomantis flabelliformis</i>	Fan-tailed Cuckoo	1	5:40:00 AM	6:00:00 AM
15/11/2013	Trap Site 6	20 min Point Survey	<i>Artamus personatus</i>	Masked Woodswallow	2	5:40:00 AM	6:00:00 AM
15/11/2013	Trap Site 6	20 min Point Survey	<i>Anthochaera carunculata</i>	Red Wattlebird	1	5:40:00 AM	6:00:00 AM
15/11/2013	Trap Site 6	20 min Point Survey	<i>Pyrholaemus brunneus</i>	Redthroat	2	5:40:00 AM	6:00:00 AM
15/11/2013	Trap Site 6	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	1	5:40:00 AM	6:00:00 AM
15/11/2013	Trap Site 6	20 min Point Survey	<i>Manarina flavigula</i>	Yellow-throated Miner	1	5:40:00 AM	6:00:00 AM
16/11/2013	Lake Medcalf	Opportunistic	<i>Ardeotis australis</i>	Australian Bustard	1	9:20:00 AM	11:30:00 AM
16/11/2013	Lake Medcalf	Opportunistic	<i>Aegotheles cristatus</i>	Australian Owllet-nightjar	1	9:20:00 AM	11:30:00 AM
16/11/2013	Lake Medcalf	Opportunistic	<i>Anthus novaeseelandiae</i>	Australian Pipit	1	9:20:00 AM	11:30:00 AM
16/11/2013	Lake Medcalf	Opportunistic	<i>Coracina novaehollandiae</i>	Black-faced Cuckoo-shrike	1	9:20:00 AM	11:30:00 AM
16/11/2013	Lake Medcalf	Opportunistic	<i>Acanthiza apicalis</i>	Broad-tailed Thornbill	1	9:20:00 AM	11:30:00 AM
16/11/2013	Lake Medcalf	Opportunistic	<i>Falco berigora</i>	Brown Falcon	1	9:20:00 AM	11:30:00 AM
16/11/2013	Lake Medcalf	Opportunistic	<i>Nymphicus hollandicus</i>	Cockatiel	1	9:20:00 AM	11:30:00 AM
16/11/2013	Lake Medcalf	Opportunistic	<i>Dromaius novaehollandiae</i>	Emu	1	9:20:00 AM	11:30:00 AM
16/11/2013	Lake Medcalf	Opportunistic	<i>Pachycephala pectoralis</i>	Golden Whistler	1	9:20:00 AM	11:30:00 AM
16/11/2013	Lake Medcalf	Opportunistic	<i>Cracticus torquatus</i>	Grey Butcherbird	1	9:20:00 AM	11:30:00 AM
16/11/2013	Lake Medcalf	Opportunistic	<i>Cuculus pallidus</i>	Pallid Cuckoo	1	9:20:00 AM	11:30:00 AM
16/11/2013	Lake Medcalf	Opportunistic	<i>Merops ornatus</i>	Rainbow Bee-eater	1	9:20:00 AM	11:30:00 AM
16/11/2013	Lake Medcalf	Opportunistic	<i>Anthochaera carunculata</i>	Red Wattlebird	1	9:20:00 AM	11:30:00 AM
16/11/2013	Lake Medcalf	Opportunistic	<i>Petroica goodenovii</i>	Red-capped Robin	1	9:20:00 AM	11:30:00 AM
16/11/2013	Lake Medcalf	Opportunistic	<i>Lichenostomus virescens</i>	Singing Honeyeater	1	9:20:00 AM	11:30:00 AM
16/11/2013	Lake Medcalf	Opportunistic	<i>Acanthagenys rufogularis</i>	Spiny-cheeked Honeyeater	1	9:20:00 AM	11:30:00 AM
16/11/2013	Lake Medcalf	Opportunistic	<i>Pardalotus striatus</i>	Striated Pardalote	1	9:20:00 AM	11:30:00 AM
16/11/2013	Lake Medcalf	Opportunistic	<i>Smicrornis brevirostris</i>	Weebill	1	9:20:00 AM	11:30:00 AM
16/11/2013	Lake Medcalf	Opportunistic	<i>Phylidonyris albifrons</i>	White-fronted Honeyeater	1	9:20:00 AM	11:30:00 AM
16/11/2013	Proposed Waste Dump	Transect	<i>Falco cenchroides</i>	Australian Kestrel	2	3:40:00 PM	5:00:00 PM
16/11/2013	Proposed Waste Dump	Transect	<i>Corvus coronoides</i>	Australian Raven	5	3:40:00 PM	5:00:00 PM
16/11/2013	Proposed Waste Dump	Transect	<i>Coracina novaehollandiae</i>	Black-faced Cuckoo-shrike	1	3:40:00 PM	5:00:00 PM
16/11/2013	Proposed Waste Dump	Transect	<i>Acanthiza apicalis</i>	Broad-tailed Thornbill	1	3:40:00 PM	5:00:00 PM
16/11/2013	Proposed Waste Dump	Transect	<i>Falco berigora</i>	Brown Falcon	1	3:40:00 PM	5:00:00 PM
16/11/2013	Proposed Waste Dump	Transect	<i>Oreoica gutturalis pallescens</i>	Crested Bellbird	1	3:40:00 PM	5:00:00 PM
16/11/2013	Proposed Waste Dump	Transect	<i>Artamus cyanopterus</i>	Dusky Woodswallow	1	3:40:00 PM	5:00:00 PM
16/11/2013	Proposed Waste Dump	Transect	<i>Anthochaera carunculata</i>	Red Wattlebird	2	3:40:00 PM	5:00:00 PM
16/11/2013	Proposed Waste Dump	Transect	<i>Cinloramphus mathewsi</i>	Rufous Songlark	1	3:40:00 PM	5:00:00 PM
16/11/2013	Proposed Waste Dump	Transect	<i>Hylacola cauta whitlocki</i>	Shy Heath-wren (western)	2	3:40:00 PM	5:00:00 PM
16/11/2013	Proposed Waste Dump	Transect	<i>Acanthagenys rufogularis</i>	Spiny-cheeked Honeyeater	4	3:40:00 PM	5:00:00 PM
16/11/2013	Proposed Waste Dump	Transect	<i>Pardalotus striatus</i>	Striated Pardalote	1	3:40:00 PM	5:00:00 PM
16/11/2013	Proposed Waste Dump	Transect	<i>Smicrornis brevirostris</i>	Weebill	1	3:40:00 PM	5:00:00 PM

Date	Site	Survey Type	Species	Common Name	Number observed	Start Time	End Time
16/11/2013	Proposed Waste Dump	Transect	<i>Phylidonyris albifrons</i>	White-fronted Honeyeater	5	3:40:00 PM	5:00:00 PM
16/11/2013	Proposed Waste Dump	Transect	<i>Lalage sueurii</i>	White-winged Triller	6	3:40:00 PM	5:00:00 PM
16/11/2013	Trap Site 1	20 min Point Survey	<i>Platycercus zonarius</i>	Australian Ringneck Parrot	3	5:55:00 AM	6:15:00 AM
16/11/2013	Trap Site 1	20 min Point Survey	<i>Glossopsitta porphyrocephala</i>	Purple-crowned Lorikeet	5	5:55:00 AM	6:15:00 AM
16/11/2013	Trap Site 1	20 min Point Survey	<i>Merops ornatus</i>	Rainbow Bee-eater	1	5:55:00 AM	6:15:00 AM
16/11/2013	Trap Site 1	20 min Point Survey	<i>Anthochaera carunculata</i>	Red Wattlebird	1	5:55:00 AM	6:15:00 AM
16/11/2013	Trap Site 1	20 min Point Survey	<i>Acanthagenys rufogularis</i>	Spiny-cheeked Honeyeater	1	5:55:00 AM	6:15:00 AM
16/11/2013	Trap Site 1	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	1	5:55:00 AM	6:15:00 AM
16/11/2013	Trap Site 1	20 min Point Survey	<i>Lichenostomus leucotis</i>	White-eared Honeyeater	3	5:55:00 AM	6:15:00 AM
16/11/2013	Trap Site 1	20 min Point Survey	<i>Phylidonyris albifrons</i>	White-fronted Honeyeater	6	5:55:00 AM	6:15:00 AM
16/11/2013	Trap Site 2	20 min Point Survey	<i>Anthochaera carunculata</i>	Red Wattlebird	2	5:20:00 PM	5:40:00 PM
16/11/2013	Trap Site 2	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	1	7:20:00 AM	7:40:00 AM
16/11/2013	Trap Site 2	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	2	5:20:00 PM	5:40:00 PM
16/11/2013	Trap Site 3	20 min Point Survey	<i>Lichmera indistincta</i>	Brown Honeyeater	1	7:45:00 AM	8:05:00 AM
16/11/2013	Trap Site 3	20 min Point Survey	<i>Oreoica gutturalis pallescens</i>	Crested Bellbird	1	7:45:00 AM	8:05:00 AM
16/11/2013	Trap Site 3	20 min Point Survey	<i>Glossopsitta porphyrocephala</i>	Purple-crowned Lorikeet	4	7:45:00 AM	8:05:00 AM
16/11/2013	Trap Site 3	20 min Point Survey	<i>Acanthagenys rufogularis</i>	Spiny-cheeked Honeyeater	1	7:45:00 AM	8:05:00 AM
16/11/2013	Trap Site 3	20 min Point Survey	<i>Pardalotus striatus</i>	Striated Pardalote	1	7:45:00 AM	8:05:00 AM
16/11/2013	Trap Site 3	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	1	7:45:00 AM	8:05:00 AM
16/11/2013	Trap Site 3	20 min Point Survey	<i>Phylidonyris albifrons</i>	White-fronted Honeyeater	1	7:45:00 AM	8:05:00 AM
16/11/2013	Trap Site 3	20 min Point Survey	<i>Lalage sueurii</i>	White-winged Triller	1	7:45:00 AM	8:05:00 AM
16/11/2013	Trap Site 4	20 min Point Survey	<i>Falco berigora</i>	Brown Falcon	1	5:45:00 PM	6:05:00 PM
16/11/2013	Trap Site 4	20 min Point Survey	<i>Anthochaera carunculata</i>	Red Wattlebird	1	6:55:00 AM	7:15:00 AM
16/11/2013	Trap Site 4	20 min Point Survey	<i>Anthochaera carunculata</i>	Red Wattlebird	1	5:45:00 PM	6:05:00 PM
16/11/2013	Trap Site 4	20 min Point Survey	<i>Hylacola cauta whitlocki</i>	Shy Heath-wren (western)	2	5:45:00 PM	6:05:00 PM
16/11/2013	Trap Site 4	20 min Point Survey	<i>Acanthagenys rufogularis</i>	Spiny-cheeked Honeyeater	3	6:55:00 AM	7:15:00 AM
16/11/2013	Trap Site 4	20 min Point Survey	<i>Acanthagenys rufogularis</i>	Spiny-cheeked Honeyeater	1	5:45:00 PM	6:05:00 PM
16/11/2013	Trap Site 4	20 min Point Survey	<i>Pardalotus striatus</i>	Striated Pardalote	1	6:55:00 AM	7:15:00 AM
16/11/2013	Trap Site 4	20 min Point Survey	<i>Pardalotus striatus</i>	Striated Pardalote	1	5:45:00 PM	6:05:00 PM
16/11/2013	Trap Site 4	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	5	6:55:00 AM	7:15:00 AM
16/11/2013	Trap Site 4	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	1	5:45:00 PM	6:05:00 PM
16/11/2013	Trap Site 4	20 min Point Survey	<i>Phylidonyris albifrons</i>	White-fronted Honeyeater	2	6:55:00 AM	7:15:00 AM
16/11/2013	Trap Site 4	20 min Point Survey	<i>Phylidonyris albifrons</i>	White-fronted Honeyeater	1	5:45:00 PM	6:05:00 PM
16/11/2013	Trap Site 5	20 min Point Survey	<i>Anthus novaeseelandiae</i>	Australian Pipit	1	8:15:00 AM	8:35:00 AM
16/11/2013	Trap Site 5	20 min Point Survey	<i>Turnix velox</i>	Little Button-quail	1	3:15:00 PM	3:35:00 AM
16/11/2013	Trap Site 5	20 min Point Survey	<i>Anthochaera carunculata</i>	Red Wattlebird	1	8:15:00 AM	8:35:00 AM
16/11/2013	Trap Site 5	20 min Point Survey	<i>Anthochaera carunculata</i>	Red Wattlebird	2	3:15:00 PM	3:35:00 AM
16/11/2013	Trap Site 5	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	1	8:15:00 AM	8:35:00 AM
16/11/2013	Trap Site 6	20 min Point Survey	<i>Pyrrholaemus brunneus</i>	Redthroat	1	8:45:00 AM	9:05:00 AM
16/11/2013	Trap Site 6	20 min Point Survey	<i>Manorina flavigula</i>	Yellow-throated Miner	1	8:45:00 AM	9:05:00 AM
17/11/2013	Camp	20 min Point Survey	<i>Cincloramphus mathewsi</i>	Rufous Songlark	1	12:00:00 PM	3:00:00 PM
17/11/2013	Camp	20 min Point Survey	<i>Hirundo nigricans</i>	Tree Martin	1	12:00:00 PM	3:00:00 PM
17/11/2013	Camp	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	1	12:00:00 PM	3:00:00 PM

Date	Site	Survey Type	Species	Common Name	Number observed	Start Time	End Time
17/11/2013	Camp	20 min Point Survey	<i>Acanthiza chrysorrhoa</i>	Yellow-rumped Thornbill	3	12:00:00 PM	3:00:00 PM
17/11/2013	Trap Site 1	20 min Point Survey	<i>Melithreptus brevirostris</i>	Brown-headed Honeyeater	1	8:45:00 AM	9:05:00 AM
17/11/2013	Trap Site 1	20 min Point Survey	<i>Chrysococcyx basalalis</i>	Horsfield's Bronze Cuckoo	1	8:10:00 AM	8:30:00 AM
17/11/2013	Trap Site 1	20 min Point Survey	<i>Artamus personatus</i>	Masked Woodswallow	1	8:10:00 AM	8:30:00 AM
17/11/2013	Trap Site 1	20 min Point Survey	<i>Dicaeum hirundinaceum</i>	Mistletoebird	1	8:45:00 AM	9:05:00 AM
17/11/2013	Trap Site 1	20 min Point Survey	<i>Cuculus pallidus</i>	Pallid Cuckoo	1	8:10:00 AM	8:30:00 AM
17/11/2013	Trap Site 1	20 min Point Survey	<i>Glossopsitta porphyrocephala</i>	Purple-crowned Lorikeet	1	8:10:00 AM	8:30:00 AM
17/11/2013	Trap Site 1	20 min Point Survey	<i>Anthochaera carunculata</i>	Red Wattlebird	5	8:10:00 AM	8:30:00 AM
17/11/2013	Trap Site 1	20 min Point Survey	<i>Anthochaera carunculata</i>	Red Wattlebird	1	8:45:00 AM	9:05:00 AM
17/11/2013	Trap Site 1	20 min Point Survey	<i>Cincloramphus mathewsi</i>	Rufous Songlark	1	8:45:00 AM	9:05:00 AM
17/11/2013	Trap Site 1	20 min Point Survey	<i>Acanthagenys rufogularis</i>	Spiny-cheeked Honeyeater	1	8:10:00 AM	8:30:00 AM
17/11/2013	Trap Site 1	20 min Point Survey	<i>Pardalotus striatus</i>	Striated Pardalote	1	8:45:00 AM	9:05:00 AM
17/11/2013	Trap Site 1	20 min Point Survey	<i>Smicronis brevirostris</i>	Weebill	1	8:10:00 AM	8:30:00 AM
17/11/2013	Trap Site 1	20 min Point Survey	<i>Smicronis brevirostris</i>	Weebill	1	8:45:00 AM	9:05:00 AM
17/11/2013	Trap Site 1	20 min Point Survey	<i>Platycercus icterotis xanthogenys</i>	Western Rosella (Inland ssp)	3	8:10:00 AM	8:30:00 AM
17/11/2013	Trap Site 1	20 min Point Survey	<i>Platycercus icterotis xanthogenys</i>	Western Rosella (Inland ssp)	3	8:45:00 AM	9:05:00 AM
17/11/2013	Trap Site 1	20 min Point Survey	<i>Phylidonyris albifrons</i>	White-fronted Honeyeater	10	8:10:00 AM	8:30:00 AM
17/11/2013	Trap Site 1	20 min Point Survey	<i>Phylidonyris albifrons</i>	White-fronted Honeyeater	12	8:45:00 AM	9:05:00 AM
17/11/2013	Trap Site 1	20 min Point Survey	<i>Lalage sueurii</i>	White-winged Triller	2	8:45:00 AM	9:05:00 AM
17/11/2013	Trap Site 1 to Camp	Transect	<i>Coracina novaehollandiae</i>	Black-faced Cuckoo-shrike	3	9:10:00 AM	10:35:00 AM
17/11/2013	Trap Site 1 to Camp	Transect	<i>Acanthiza apicalis</i>	Broad-tailed Thornbill	1	9:10:00 AM	10:35:00 AM
17/11/2013	Trap Site 1 to Camp	Transect	<i>Melithreptus brevirostris</i>	Brown-headed Honeyeater	3	9:10:00 AM	10:35:00 AM
17/11/2013	Trap Site 1 to Camp	Transect	<i>Melopsittacus undulatus</i>	Budgerigar	2	9:10:00 AM	10:35:00 AM
17/11/2013	Trap Site 1 to Camp	Transect	<i>Artamus cyanopterus</i>	Dusky Woodswallow	1	9:10:00 AM	10:35:00 AM
17/11/2013	Trap Site 1 to Camp	Transect	<i>Cracticus torquatus</i>	Grey Butcherbird	1	9:10:00 AM	10:35:00 AM
17/11/2013	Trap Site 1 to Camp	Transect	<i>Colluricincla harmonica</i>	Grey Shrike-thrush	4	9:10:00 AM	10:35:00 AM
17/11/2013	Trap Site 1 to Camp	Transect	<i>Artamus personatus</i>	Masked Woodswallow	3	9:10:00 AM	10:35:00 AM
17/11/2013	Trap Site 1 to Camp	Transect	<i>Anthochaera carunculata</i>	Red Wattlebird	10	9:10:00 AM	10:35:00 AM
17/11/2013	Trap Site 1 to Camp	Transect	<i>Cincloramphus mathewsi</i>	Rufous Songlark	1	9:10:00 AM	10:35:00 AM
17/11/2013	Trap Site 1 to Camp	Transect	<i>Climacteris rufa</i>	Rufous Treecreeper	1	9:10:00 AM	10:35:00 AM
17/11/2013	Trap Site 1 to Camp	Transect	<i>Acanthagenys rufogularis</i>	Spiny-cheeked Honeyeater	11	9:10:00 AM	10:35:00 AM
17/11/2013	Trap Site 1 to Camp	Transect	<i>Pardalotus striatus</i>	Striated Pardalote	1	9:10:00 AM	10:35:00 AM
17/11/2013	Trap Site 1 to Camp	Transect	<i>Hirundo nigricans</i>	Tree Martin	7	9:10:00 AM	10:35:00 AM
17/11/2013	Trap Site 1 to Camp	Transect	<i>Smicronis brevirostris</i>	Weebill	15	9:10:00 AM	10:35:00 AM
17/11/2013	Trap Site 1 to Camp	Transect	<i>Gerygone fusca</i>	Western Gerygone	1	9:10:00 AM	10:35:00 AM
17/11/2013	Trap Site 1 to Camp	Transect	<i>Platycercus icterotis xanthogenys</i>	Western Rosella (Inland ssp)	7	9:10:00 AM	10:35:00 AM
17/11/2013	Trap Site 1 to Camp	Transect	<i>Eopsaltria australis</i>	Western Yellow Robin	1	9:10:00 AM	10:35:00 AM
17/11/2013	Trap Site 1 to Camp	Transect	<i>Lalage sueurii</i>	White-winged Triller	5	9:10:00 AM	10:35:00 AM
17/11/2013	Trap Site 1 to Camp	Transect	<i>Rhipidura leucophrys</i>	Willie Wagtail	4	9:10:00 AM	10:35:00 AM
17/11/2013	Trap Site 1 to Camp	Transect	<i>Lichenostomus ornatus</i>	Yellow-plumed Honeyeater	3	9:10:00 AM	10:35:00 AM
17/11/2013	Trap Site 2	20 min Point Survey	<i>Falco berigora</i>	Brown Falcon	1	7:20:00 AM	7:40:00 AM
17/11/2013	Trap Site 2	20 min Point Survey	<i>Acanthagenys rufogularis</i>	Spiny-cheeked Honeyeater	1	4:00:00 PM	4:45:00 PM
17/11/2013	Trap Site 2	20 min Point Survey	<i>Phylidonyris melanops</i>	Tawny-crowned Honeyeater	1	7:20:00 AM	7:40:00 AM

Date	Site	Survey Type	Species	Common Name	Number observed	Start Time	End Time
17/11/2013	Trap Site 2	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	1	7:20:00 AM	7:40:00 AM
17/11/2013	Trap Site 3	20 min Point Survey	<i>Lichmera indistincta</i>	Brown Honeyeater	1	7:00:00 AM	7:20:00 AM
17/11/2013	Trap Site 3	20 min Point Survey	<i>Phaps chalcoptera</i>	Common Bronzewing	2	4:25:00 PM	4:45:00 AM
17/11/2013	Trap Site 3	20 min Point Survey	<i>Oreoica gutturalis pallescens</i>	Crested Bellbird	1	7:00:00 AM	7:20:00 AM
17/11/2013	Trap Site 3	20 min Point Survey	<i>Cracticus torquatus</i>	Grey Butcherbird	3	4:25:00 PM	4:45:00 AM
17/11/2013	Trap Site 3	20 min Point Survey	<i>Anthochaera carunculata</i>	Red Wattlebird	1	7:00:00 AM	7:20:00 AM
17/11/2013	Trap Site 3	20 min Point Survey	<i>Acanthagenys rufogularis</i>	Spiny-cheeked Honeyeater	2	4:25:00 PM	4:45:00 AM
17/11/2013	Trap Site 3	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	1	7:00:00 AM	7:20:00 AM
17/11/2013	Trap Site 3	20 min Point Survey	<i>Phylidonyris albifrons</i>	White-fronted Honeyeater	1	7:00:00 AM	7:20:00 AM
17/11/2013	Trap Site 3	20 min Point Survey	<i>Phylidonyris albifrons</i>	White-fronted Honeyeater	2	4:25:00 PM	4:45:00 AM
17/11/2013	Trap Site 3	20 min Point Survey	<i>Lalage sueurii</i>	White-winged Triller	2	4:25:00 PM	4:45:00 AM
17/11/2013	Trap Site 4	20 min Point Survey	<i>Glossopsitta porphyrocephala</i>	Purple-crowned Lorikeet	1	7:45:00 AM	8:05:00 AM
17/11/2013	Trap Site 4	20 min Point Survey	<i>Anthochaera carunculata</i>	Red Wattlebird	1	7:45:00 AM	8:05:00 AM
17/11/2013	Trap Site 4	20 min Point Survey	<i>Hylacola cauta whitlocki</i>	Shy Heath-wren (western)	2	3:30:00 AM	3:50:00 PM
17/11/2013	Trap Site 4	20 min Point Survey	<i>Acanthagenys rufogularis</i>	Spiny-cheeked Honeyeater	1	3:30:00 AM	3:50:00 PM
17/11/2013	Trap Site 4	20 min Point Survey	<i>Pardalotus striatus</i>	Striated Pardalote	1	7:45:00 AM	8:05:00 AM
17/11/2013	Trap Site 4	20 min Point Survey	<i>Pardalotus striatus</i>	Striated Pardalote	2	3:30:00 AM	3:50:00 PM
17/11/2013	Trap Site 4	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	6	7:45:00 AM	8:05:00 AM
17/11/2013	Trap Site 4	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	4	3:30:00 AM	3:50:00 PM
17/11/2013	Trap Site 4	20 min Point Survey	<i>Phylidonyris albifrons</i>	White-fronted Honeyeater	1	7:45:00 AM	8:05:00 AM
17/11/2013	Trap Site 4	20 min Point Survey	<i>Phylidonyris albifrons</i>	White-fronted Honeyeater	1	3:30:00 AM	3:50:00 PM
17/11/2013	Trap Site 5	20 min Point Survey	<i>Falco cenchroides</i>	Australian Kestrel	1	6:35:00 AM	6:55:00 AM
17/11/2013	Trap Site 5	20 min Point Survey	<i>Falco cenchroides</i>	Australian Kestrel	1	5:00:00 PM	5:20:00 PM
17/11/2013	Trap Site 5	20 min Point Survey	<i>Dromaius novaehollandiae</i>	Emu	1	5:00:00 PM	5:20:00 PM
17/11/2013	Trap Site 5	20 min Point Survey	<i>Glossopsitta porphyrocephala</i>	Purple-crowned Lorikeet	6	6:35:00 AM	6:55:00 AM
17/11/2013	Trap Site 5	20 min Point Survey	<i>Anthochaera carunculata</i>	Red Wattlebird	1	6:35:00 AM	6:55:00 AM
17/11/2013	Trap Site 5	20 min Point Survey	<i>Anthochaera carunculata</i>	Red Wattlebird	2	5:00:00 PM	5:20:00 PM
17/11/2013	Trap Site 5	20 min Point Survey	<i>Pardalotus striatus</i>	Striated Pardalote	1	6:35:00 AM	6:55:00 AM
17/11/2013	Trap Site 6	20 min Point Survey	<i>Cracticus tibicen</i>	Australian Magpie	4	11:20:00 AM	12:00:00 PM
17/11/2013	Trap Site 6	20 min Point Survey	<i>Oreoica gutturalis pallescens</i>	Crested Bellbird	1	11:20:00 AM	12:00:00 PM
17/11/2013	Trap Site 6	20 min Point Survey	<i>Artamus cyanopterus</i>	Dusky Woodswallow	1	11:20:00 AM	12:00:00 PM
17/11/2013	Trap Site 6	20 min Point Survey	<i>Chrysococcyx basalis</i>	Horsfield's Bronze Cuckoo	1	11:20:00 AM	12:00:00 PM
17/11/2013	Trap Site 6	20 min Point Survey	<i>Artamus personatus</i>	Masked Woodswallow	10	11:20:00 AM	12:00:00 PM
17/11/2013	Trap Site 6	20 min Point Survey	<i>Certhionyx variegatus</i>	Pied Honeyeater	5	11:20:00 AM	12:00:00 PM
17/11/2013	Trap Site 6	20 min Point Survey	<i>Glossopsitta porphyrocephala</i>	Purple-crowned Lorikeet	1	5:50:00 AM	6:10:00 AM
17/11/2013	Trap Site 6	20 min Point Survey	<i>Anthochaera carunculata</i>	Red Wattlebird	1	5:50:00 AM	6:10:00 AM
17/11/2013	Trap Site 6	20 min Point Survey	<i>Anthochaera carunculata</i>	Red Wattlebird	2	11:20:00 AM	12:00:00 PM
17/11/2013	Trap Site 6	20 min Point Survey	<i>Pyrrholaemus brunneus</i>	Redthroat	4	11:20:00 AM	12:00:00 PM
17/11/2013	Trap Site 6	20 min Point Survey	<i>Cincloramphus mathewsi</i>	Rufous Songlark	1	11:20:00 AM	12:00:00 PM
17/11/2013	Trap Site 6	20 min Point Survey	<i>Acanthagenys rufogularis</i>	Spiny-cheeked Honeyeater	5	11:20:00 AM	12:00:00 PM
17/11/2013	Trap Site 6	20 min Point Survey	<i>Pardalotus striatus</i>	Striated Pardalote	3	11:20:00 AM	12:00:00 PM
17/11/2013	Trap Site 6	20 min Point Survey	<i>Hirundo nigricans</i>	Tree Martin	1	5:50:00 AM	6:10:00 AM
17/11/2013	Trap Site 6	20 min Point Survey	<i>Hirundo nigricans</i>	Tree Martin	3	11:20:00 AM	12:00:00 PM

Date	Site	Survey Type	Species	Common Name	Number observed	Start Time	End Time
17/11/2013	Trap Site 6	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	5	11:20:00 AM	12:00:00 PM
17/11/2013	Trap Site 6	20 min Point Survey	<i>Lalage sueurii</i>	White-winged Triller	1	5:50:00 AM	6:10:00 AM
17/11/2013	Trap Site 6	20 min Point Survey	<i>Lalage sueurii</i>	White-winged Triller	3	11:20:00 AM	12:00:00 PM
17/11/2013	Trap Site 6	20 min Point Survey	<i>Manorina flavigula</i>	Yellow-throated Miner	5	5:50:00 AM	6:10:00 AM
17/11/2013	Trap Site 6	20 min Point Survey	<i>Manorina flavigula</i>	Yellow-throated Miner	2	11:20:00 AM	12:00:00 PM
18/11/2013	Access Track E/W	Opportunistic	<i>Corvus coronoides</i>	Australian Raven	2	7:45:00 AM	
18/11/2013	Access Track E/W	Opportunistic	<i>Epthianura albifrons</i>	White-fronted Chat	10	7:45:00 AM	
18/11/2013	South East Corner of Project Area	Transect	<i>Acanthiza apicalis</i>	Broad-tailed Thornbill	4	10:20:00 AM	11:20:00 AM
18/11/2013	South East Corner of Project Area	Transect	<i>Phaps chalcoptera</i>	Common Bronzewing	1	10:20:00 AM	11:20:00 AM
18/11/2013	South East Corner of Project Area	Transect	<i>Oreoica gutturalis pallescens</i>	Crested Bellbird	1	10:20:00 AM	11:20:00 AM
18/11/2013	South East Corner of Project Area	Transect	<i>Chrysococcyx basalis</i>	Horsfield's Bronze Cuckoo	1	10:20:00 AM	11:20:00 AM
18/11/2013	South East Corner of Project Area	Transect	<i>Artamus personatus</i>	Masked Woodswallow	7	10:20:00 AM	11:20:00 AM
18/11/2013	South East Corner of Project Area	Transect	<i>Certhionyx variegatus</i>	Pied Honeyeater	4	10:20:00 AM	11:20:00 AM
18/11/2013	South East Corner of Project Area	Transect	<i>Lichenostomus cratitius</i>	Purple-gaped Honeyeater	1	10:20:00 AM	11:20:00 AM
18/11/2013	South East Corner of Project Area	Transect	<i>Anthochaera carunculata</i>	Red Wattlebird	1	10:20:00 AM	11:20:00 AM
18/11/2013	South East Corner of Project Area	Transect	<i>Petroica goodenovii</i>	Red-capped Robin	2	10:20:00 AM	11:20:00 AM
18/11/2013	South East Corner of Project Area	Transect	<i>Cincloramphus mathewsi</i>	Rufous Songlark	1	10:20:00 AM	11:20:00 AM
18/11/2013	South East Corner of Project Area	Transect	<i>Acanthagenys rufogularis</i>	Spiny-cheeked Honeyeater	2	10:20:00 AM	11:20:00 AM
18/11/2013	South East Corner of Project Area	Transect	<i>Pardalotus striatus</i>	Striated Pardalote	1	10:20:00 AM	11:20:00 AM
18/11/2013	South East Corner of Project Area	Transect	<i>Hirundo nigricans</i>	Tree Martin	3	10:20:00 AM	11:20:00 AM
18/11/2013	South East Corner of Project Area	Transect	<i>Artamus superciliosus</i>	White-browed Woodswallow	2	10:20:00 AM	11:20:00 AM
18/11/2013	South East Corner of Project Area	Transect	<i>Phylidonyris albifrons</i>	White-fronted Honeyeater	6	10:20:00 AM	11:20:00 AM
18/11/2013	South East Corner of Project Area	Transect	<i>Lalage sueurii</i>	White-winged Triller	2	10:20:00 AM	11:20:00 AM
18/11/2013	Trap Site 3	20 min Point Survey	<i>Acanthiza apicalis</i>	Broad-tailed Thornbill	3	11:35:00 AM	12:15:00 PM
18/11/2013	Trap Site 3	20 min Point Survey	<i>Lichmera indistincta</i>	Brown Honeyeater	1	11:35:00 AM	12:15:00 PM
18/11/2013	Trap Site 3	20 min Point Survey	<i>Dromaius novaehollandiae</i>	Emu	1	11:35:00 AM	12:15:00 PM
18/11/2013	Trap Site 3	20 min Point Survey	<i>Artamus personatus</i>	Masked Woodswallow	1	11:35:00 AM	12:15:00 PM
18/11/2013	Trap Site 3	20 min Point Survey	<i>Glossopsitta porphyrocephala</i>	Purple-crowned Lorikeet	1	11:35:00 AM	12:15:00 PM
18/11/2013	Trap Site 3	20 min Point Survey	<i>Merops ornatus</i>	Rainbow Bee-eater	2	11:35:00 AM	12:15:00 PM
18/11/2013	Trap Site 3	20 min Point Survey	<i>Anthochaera carunculata</i>	Red Wattlebird	1	11:35:00 AM	12:15:00 PM
18/11/2013	Trap Site 3	20 min Point Survey	<i>Zosterops lateralis</i>	Silvereye	2	11:35:00 AM	12:15:00 PM
18/11/2013	Trap Site 3	20 min Point Survey	<i>Acanthagenys rufogularis</i>	Spiny-cheeked Honeyeater	1	11:35:00 AM	12:15:00 PM
18/11/2013	Trap Site 3	20 min Point Survey	<i>Pardalotus striatus</i>	Striated Pardalote	2	11:35:00 AM	12:15:00 PM
18/11/2013	Trap Site 3	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	5	11:35:00 AM	12:15:00 PM
18/11/2013	Trap Site 3	20 min Point Survey	<i>Phylidonyris albifrons</i>	White-fronted Honeyeater	2	11:35:00 AM	12:15:00 PM
18/11/2013	Trap Site 3	20 min Point Survey	<i>Lalage sueurii</i>	White-winged Triller	3	11:35:00 AM	12:15:00 PM
19/11/2013	Camp to Proposed Tailings Dam	Transect	<i>Platycercus zonarius</i>	Australian Ringneck Parrot	1	3:10:00 PM	4:00:00 PM
19/11/2013	Camp to Proposed Tailings Dam	Transect	<i>Phaps chalcoptera</i>	Common Bronzewing	1	3:10:00 PM	4:00:00 PM
19/11/2013	Camp to Proposed Tailings Dam	Transect	<i>Colluricincla harmonica</i>	Grey Shrike-thrush	1	3:10:00 PM	4:00:00 PM
19/11/2013	Camp to Proposed Tailings Dam	Transect	<i>Artamus personatus</i>	Masked Woodswallow	10	3:10:00 PM	4:00:00 PM
19/11/2013	Camp to Proposed Tailings Dam	Transect	<i>Certhionyx variegatus</i>	Pied Honeyeater	2	3:10:00 PM	4:00:00 PM
19/11/2013	Camp to Proposed Tailings Dam	Transect	<i>Cincloramphus mathewsi</i>	Rufous Songlark	1	3:10:00 PM	4:00:00 PM
19/11/2013	Camp to Proposed Tailings Dam	Transect	<i>Acanthagenys rufogularis</i>	Spiny-cheeked Honeyeater	1	3:10:00 PM	4:00:00 PM

Date	Site	Survey Type	Species	Common Name	Number observed	Start Time	End Time
19/11/2013	Camp to Proposed Tailings Dam	Transect	<i>Hirundo nigricans</i>	Tree Martin	6	3:10:00 PM	4:00:00 PM
19/11/2013	Camp to Proposed Tailings Dam	Transect	<i>Epthianura albifrons</i>	White-fronted Chat	3	3:10:00 PM	4:00:00 PM
19/11/2013	Camp to Proposed Tailings Dam	Transect	<i>Phylidonyris albifrons</i>	White-fronted Honeyeater	1	3:10:00 PM	4:00:00 PM
19/11/2013	Camp to Proposed Tailings Dam	Transect	<i>Lalage sueurii</i>	White-winged Triller	1	3:10:00 PM	4:00:00 PM
19/11/2013	Camp to Proposed Tailings Dam	Transect	<i>Rhipidura leucophrys</i>	Willie Wagtail	1	3:10:00 PM	4:00:00 PM
19/11/2013	Camp to Proposed Tailings Dam	Transect	<i>Lichenostomus ornatus</i>	Yellow-plumed Honeyeater	1	3:10:00 PM	4:00:00 PM
19/11/2013	Trap Site 1	Transect	<i>Acanthiza apicalis</i>	Broad-tailed Thornbill	1	4:10:00 PM	5:00:00 PM
19/11/2013	Trap Site 1	Transect	<i>Artamus cyanopterus</i>	Dusky Woodswallow	1	4:10:00 PM	5:00:00 PM
19/11/2013	Trap Site 1	Transect	<i>Cacomantis flabelliformis</i>	Fan-tailed Cuckoo	1	4:10:00 PM	5:00:00 PM
19/11/2013	Trap Site 1	Transect	<i>Artamus personatus</i>	Masked Woodswallow	1	4:10:00 PM	5:00:00 PM
19/11/2013	Trap Site 1	Transect	<i>Anthochaera carunculata</i>	Red Wattlebird	5	4:10:00 PM	5:00:00 PM
19/11/2013	Trap Site 1	Transect	<i>Acanthagenys rufogularis</i>	Spiny-cheeked Honeyeater	2	4:10:00 PM	5:00:00 PM
19/11/2013	Trap Site 1	Transect	<i>Pardalotus striatus</i>	Striated Pardalote	1	4:10:00 PM	5:00:00 PM
19/11/2013	Trap Site 1	Transect	<i>Smicrornis brevirostris</i>	Weebill	5	4:10:00 PM	5:00:00 PM
19/11/2013	Trap Site 1	Transect	<i>Phylidonyris albifrons</i>	White-fronted Honeyeater	5	4:10:00 PM	5:00:00 PM
19/11/2013	Trap Site 1	Transect	<i>Lalage sueurii</i>	White-winged Triller	2	4:10:00 PM	5:00:00 PM
19/11/2013	Trap Site 3	20 min Point Survey	<i>Acanthiza apicalis</i>	Broad-tailed Thornbill	1	11:00:00 AM	11:20:00 AM
19/11/2013	Trap Site 3	20 min Point Survey	<i>Lichmera indistincta</i>	Brown Honeyeater	1	11:00:00 AM	11:20:00 AM
19/11/2013	Trap Site 3	20 min Point Survey	<i>Oreoica gutturalis pallescens</i>	Crested Bellbird	1	11:00:00 AM	11:20:00 AM
19/11/2013	Trap Site 3	20 min Point Survey	<i>Certhionyx variegatus</i>	Pied Honeyeater	2	11:00:00 AM	11:20:00 AM
19/11/2013	Trap Site 3	20 min Point Survey	<i>Acanthagenys rufogularis</i>	Spiny-cheeked Honeyeater	2	11:00:00 AM	11:20:00 AM
19/11/2013	Trap Site 3	20 min Point Survey	<i>Pardalotus striatus</i>	Striated Pardalote	1	11:00:00 AM	11:20:00 AM
19/11/2013	Trap Site 3	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	5	11:00:00 AM	11:20:00 AM
19/11/2013	Trap Site 3	20 min Point Survey	<i>Phylidonyris albifrons</i>	White-fronted Honeyeater	5	11:00:00 AM	11:20:00 AM
19/11/2013	Trap Site 3	20 min Point Survey	<i>Lalage sueurii</i>	White-winged Triller	2	11:00:00 AM	11:20:00 AM
19/11/2013	Trap Site 4 to 2	Transect	<i>Coracina novaehollandiae</i>	Black-faced Cuckoo-shrike	1	11:30:00 AM	12:30:00 PM
19/11/2013	Trap Site 4 to 2	Transect	<i>Cracticus torquatus</i>	Grey Butcherbird	1	11:30:00 AM	12:30:00 PM
19/11/2013	Trap Site 4 to 2	Transect	<i>Anthochaera carunculata</i>	Red Wattlebird	1	11:30:00 AM	12:30:00 PM
19/11/2013	Trap Site 4 to 2	Transect	<i>Acanthagenys rufogularis</i>	Spiny-cheeked Honeyeater	1	11:30:00 AM	12:30:00 PM
19/11/2013	Trap Site 4 to 2	Transect	<i>Pardalotus striatus</i>	Striated Pardalote	2	11:30:00 AM	12:30:00 PM
19/11/2013	Trap Site 4 to 2	Transect	<i>Coturnix pectoralis</i>	Stubble Quail	1	11:30:00 AM	12:30:00 PM
19/11/2013	Trap Site 4 to 2	Transect	<i>Smicrornis brevirostris</i>	Weebill	1	11:30:00 AM	12:30:00 PM
20/11/2013	Trap Site 6	Opportunistic	<i>Ardeotis australis</i>	Australian Bustard	2	5:40:00 PM	
11/03/2014	Camp to Proposed Tailings Dam	Transect	<i>Acanthiza apicalis</i>	Broad-tailed Thornbill	1	3:45:00 PM	4:45:00 PM
11/03/2014	Camp to Proposed Tailings Dam	Transect	<i>Oreoica gutturalis pallescens</i>	Crested Bellbird	2	3:45:00 PM	4:45:00 PM
11/03/2014	Camp to Proposed Tailings Dam	Transect	<i>Artamus cyanopterus</i>	Dusky Woodswallow	5	3:45:00 PM	4:45:00 PM
11/03/2014	Camp to Proposed Tailings Dam	Transect	<i>Petroica goodenovii</i>	Red-capped Robin	1	3:45:00 PM	4:45:00 PM
11/03/2014	Camp to Proposed Tailings Dam	Transect	<i>Pyrrholaemus brunneus</i>	Redthroat	2	3:45:00 PM	4:45:00 PM
11/03/2014	Camp to Proposed Tailings Dam	Transect	<i>Climacteris rufa</i>	Rufous Treecreeper	3	3:45:00 PM	4:45:00 PM
11/03/2014	Camp to Proposed Tailings Dam	Transect	<i>Acanthagenys rufogularis</i>	Spiny-cheeked Honeyeater	1	3:45:00 PM	4:45:00 PM
11/03/2014	Camp to Proposed Tailings Dam	Transect	<i>Smicrornis brevirostris</i>	Weebill	5	3:45:00 PM	4:45:00 PM
11/03/2014	Camp to Proposed Tailings Dam	Transect	<i>Phylidonyris albifrons</i>	White-fronted Honeyeater	1	3:45:00 PM	4:45:00 PM
11/03/2014	Camp to Proposed Tailings Dam	Transect	<i>Rhipidura leucophrys</i>	Willie Wagtail	2	3:45:00 PM	4:45:00 PM

Date	Site	Survey Type	Species	Common Name	Number observed	Start Time	End Time
11/03/2014	Camp to Proposed Tailings Dam	Transect	<i>Lichenostomus ornatus</i>	Yellow-plumed Honeyeater	2	3:45:00 PM	4:45:00 PM
11/03/2014	Trap Site 1	20 min Point Survey	<i>Colluricincla harmonica</i>	Grey Shrike-thrush	1	4:55:00 AM	5:15:00 AM
11/03/2014	Trap Site 1	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	5	4:55:00 AM	5:15:00 AM
11/03/2014	Trap Site 5	Opportunistic	<i>Hirundo nigricans</i>	Tree Martin	20	3:10:00 PM	3:15:00 PM
11/03/2014	Trap Site 5	Opportunistic	<i>Daphoenositta chrysoptera</i>	Varied Sittella	10	3:10:00 PM	3:15:00 PM
12/03/2014	Camp	Opportunistic	<i>Pachycephala pectoralis</i>	Golden Whistler	1	6:00:00 AM	6:05:00 AM
12/03/2014	Camp	Opportunistic	<i>Cracticus torquatus</i>	Grey Butcherbird	1	6:00:00 AM	6:05:00 AM
12/03/2014	Camp	Opportunistic	<i>Hirundo nigricans</i>	Tree Martin	5	6:00:00 AM	6:05:00 AM
12/03/2014	Camp	Opportunistic	<i>Manorina flavigula</i>	Yellow-throated Miner	10	6:00:00 AM	6:05:00 AM
12/03/2014	Lake Medcalf	Transect	<i>Coracina novaehollandiae</i>	Black-faced Cuckoo-shrike	1	9:30:00 AM	10:30:00 AM
12/03/2014	Lake Medcalf	Transect	<i>Dromaius novaehollandiae</i>	Emu	1	9:30:00 AM	10:30:00 AM
12/03/2014	Lake Medcalf	Transect	<i>Strepera versicolor</i>	Grey Currawong	1	9:30:00 AM	10:30:00 AM
12/03/2014	Lake Medcalf	Transect	<i>Lichenostomus virescens</i>	Singing Honeyeater	1	9:30:00 AM	10:30:00 AM
12/03/2014	Lake Medcalf	Transect	<i>Smicrornis brevirostris</i>	Weebill	6	9:30:00 AM	10:30:00 AM
12/03/2014	Trap Site 2	20 min Point Survey	<i>Acanthiza apicalis</i>	Broad-tailed Thornbill	4	2:30:00 PM	2:50:00 PM
12/03/2014	Trap Site 2	20 min Point Survey	<i>Hylacola cauta whitlocki</i>	Shy Heath-wren (western)	1	2:30:00 PM	2:50:00 PM
12/03/2014	Trap Site 2	20 min Point Survey	<i>Hirundo nigricans</i>	Tree Martin	6	2:30:00 PM	2:50:00 PM
12/03/2014	Trap Site 3	20 min Point Survey	<i>Platycercus zonarius</i>	Australian Ringneck Parrot	1	2:00:00 PM	2:20:00 PM
12/03/2014	Trap Site 3	20 min Point Survey	<i>Acanthiza apicalis</i>	Broad-tailed Thornbill	1	2:00:00 PM	2:20:00 PM
12/03/2014	Trap Site 3	20 min Point Survey	<i>Colluricincla harmonica</i>	Grey Shrike-thrush	1	2:00:00 PM	2:20:00 PM
12/03/2014	Trap Site 3	20 min Point Survey	<i>Hirundo nigricans</i>	Tree Martin	1	2:00:00 PM	2:20:00 PM
12/03/2014	Trap Site 3	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	2	2:00:00 PM	2:20:00 PM
12/03/2014	Trap Site 3	Opportunistic	<i>Platycercus icterotis xanthogenys</i>	Western Rosella (Inland ssp)	2	8:00:00 AM	8:05:00 AM
12/03/2014	Trap Site 4	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	2	3:05:00 PM	3:25:00 PM
12/03/2014	Trap Site 4	20 min Point Survey	<i>Lichenostomus leucotis</i>	White-eared Honeyeater	1	3:05:00 PM	3:25:00 PM
12/03/2014	Trap Site 5	Opportunistic	<i>Platycercus zonarius</i>	Australian Ringneck Parrot	4	7:30:00 AM	7:35:00 AM
12/03/2014	Trap Site 5	Opportunistic	<i>Artamus cyanopterus</i>	Dusky Woodswallow	20	7:30:00 AM	7:35:00 AM
12/03/2014	Trap Site 5	20 min Point Survey	<i>Artamus cyanopterus</i>	Dusky Woodswallow	2	4:50:00 PM	5:10:00 PM
12/03/2014	Trap Site 5	20 min Point Survey	<i>Pardalotus striatus</i>	Striated Pardalote	1	4:50:00 PM	5:10:00 PM
12/03/2014	Trap Site 5	20 min Point Survey	<i>Hirundo nigricans</i>	Tree Martin	30	4:50:00 PM	5:10:00 PM
12/03/2014	Trap Site 5	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	1	4:50:00 PM	5:10:00 PM
12/03/2014	Trap Site 6	20 min Point Survey	<i>Oreoica gutturalis pallescens</i>	Crested Bellbird	1	4:25:00 PM	4:45:00 PM
12/03/2014	Trap Site 6	20 min Point Survey	<i>Cracticus torquatus</i>	Grey Butcherbird	1	4:25:00 PM	4:45:00 PM
12/03/2014	Trap Site 6	20 min Point Survey	<i>Petroica goodenovii</i>	Red-capped Robin	1	4:25:00 PM	4:45:00 PM
12/03/2014	Trap Site 6	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	1	4:25:00 PM	4:45:00 PM
13/03/2014	Lake Medcalf	Opportunistic	<i>Aquila audax</i>	Wedge-tailed Eagle	1	9:20:00 AM	
13/03/2014	Trap Site 1	Opportunistic	<i>Coracina novaehollandiae</i>	Black-faced Cuckoo-shrike	1	7:00:00 AM	
13/03/2014	Trap Site 1	20 min Point Survey	<i>Cracticus torquatus</i>	Grey Butcherbird	1	4:35:00 PM	4:55:00 PM
13/03/2014	Trap Site 1	20 min Point Survey	<i>Strepera versicolor</i>	Grey Currawong	1	4:35:00 PM	4:55:00 PM
13/03/2014	Trap Site 1	Opportunistic	<i>Smicrornis brevirostris</i>	Weebill	1	7:00:00 AM	
13/03/2014	Trap Site 1	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	3	10:45:00 AM	11:05:00 AM
13/03/2014	Trap Site 1	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	5	4:35:00 PM	4:55:00 PM
13/03/2014	Trap Site 1	20 min Point Survey	<i>Lichenostomus leucotis</i>	White-eared Honeyeater	1	10:45:00 AM	11:05:00 AM

Date	Site	Survey Type	Species	Common Name	Number observed	Start Time	End Time
13/03/2014	Trap Site 3	20 min Point Survey	<i>Pachycephala pectoralis</i>	Golden Whistler	1	4:05:00 PM	4:25:00 PM
13/03/2014	Trap Site 3	20 min Point Survey	<i>Strepera versicolor</i>	Grey Currawong	5	4:05:00 PM	4:25:00 PM
13/03/2014	Trap Site 3	20 min Point Survey	<i>Acanthagenys rufogularis</i>	Spiny-cheeked Honeyeater	1	11:25:00 AM	11:45:00 AM
13/03/2014	Trap Site 3	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	1	4:05:00 PM	4:25:00 PM
13/03/2014	Trap Site 3	20 min Point Survey	<i>Platycercus icterotis xanthogenys</i>	Western Rosella (Inland ssp)	2	4:05:00 PM	4:25:00 PM
13/03/2014	Trap Site 3	20 min Point Survey	<i>Lichenostomus leucotis</i>	White-eared Honeyeater	1	11:25:00 AM	11:45:00 AM
13/03/2014	Trap Site 3	20 min Point Survey	<i>Lichenostomus leucotis</i>	White-eared Honeyeater	1	4:05:00 PM	4:25:00 PM
13/03/2014	Trap Site 4	20 min Point Survey	<i>Acanthiza apicalis</i>	Broad-tailed Thornbill	2	12:15:00 PM	12:35:00 PM
13/03/2014	Trap Site 5	20 min Point Survey	<i>Oreoica gutturalis pallescens</i>	Crested Bellbird	1	2:35:00 PM	2:55:00 PM
13/03/2014	Trap Site 5	20 min Point Survey	<i>Artamus cyanopterus</i>	Dusky Woodswallow	1	2:35:00 PM	2:55:00 PM
13/03/2014	Trap Site 5	20 min Point Survey	<i>Cracticus torquatus</i>	Grey Butcherbird	1	2:35:00 PM	2:55:00 PM
13/03/2014	Trap Site 5	20 min Point Survey	<i>Petroica goodenovii</i>	Red-capped Robin	1	2:35:00 PM	2:55:00 PM
13/03/2014	Trap Site 5	20 min Point Survey	<i>Acanthagenys rufogularis</i>	Spiny-cheeked Honeyeater	1	2:35:00 PM	2:55:00 PM
13/03/2014	Trap Site 5	20 min Point Survey	<i>Hirundo nigricans</i>	Tree Martin	1	2:35:00 PM	2:55:00 PM
13/03/2014	Trap Site 5	20 min Point Survey	<i>Hirundo nigricans</i>	Tree Martin	1	3:10:00 PM	3:30:00 PM
13/03/2014	Trap Site 5	20 min Point Survey	<i>Daphoenositta chrysoptera</i>	Varied Pittella	8	2:35:00 PM	2:55:00 PM
13/03/2014	Trap Site 5	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	1	2:35:00 PM	2:55:00 PM
13/03/2014	Trap Site 5	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	6	3:10:00 PM	3:30:00 PM
13/03/2014	Trap Site 5	20 min Point Survey	<i>Lichenostomus leucotis</i>	White-eared Honeyeater	1	2:35:00 PM	2:55:00 PM
13/03/2014	Trap Site 5	20 min Point Survey	<i>Lichenostomus leucotis</i>	White-eared Honeyeater	1	3:10:00 PM	3:30:00 PM
13/03/2014	Trap Site 6	20 min Point Survey	<i>Cracticus tibicen</i>	Australian Magpie	1	2:00:00 PM	2:20:00 PM
13/03/2014	Trap Site 6	20 min Point Survey	<i>Malurus pulcherrimus</i>	Blue-breasted Fairy-wren	3	2:00:00 PM	2:20:00 PM
13/03/2014	Trap Site 6	20 min Point Survey	<i>Oreoica gutturalis pallescens</i>	Crested Bellbird	1	2:00:00 PM	2:20:00 PM
13/03/2014	Trap Site 6	20 min Point Survey	<i>Cracticus torquatus</i>	Grey Butcherbird	1	2:00:00 PM	2:20:00 PM
13/03/2014	Trap Site 6	20 min Point Survey	<i>Hylacola cauta whitlocki</i>	Shy Heath-wren (western)	1	2:00:00 PM	2:20:00 PM
13/03/2014	Trap Site 6	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	1	2:00:00 PM	2:20:00 PM
14/03/2014	Access Track E/W	Opportunistic	<i>Malurus pulcherrimus</i>	Blue-breasted Fairy-wren	1	7:15:00 AM	
14/03/2014	Access Track E/W	Opportunistic	<i>Cracticus torquatus</i>	Grey Butcherbird	1	7:15:00 AM	
14/03/2014	New Waste Rock Landform	Transect	<i>Hylacola cauta whitlocki</i>	Shy Heath-wren (western)	1	3:30:00 PM	4:30:00 PM
14/03/2014	New Waste Rock Landform	Transect	<i>Smicrornis brevirostris</i>	Weebill	5	3:30:00 PM	4:30:00 PM
14/03/2014	New Waste Rock Landform	Transect	<i>Lichenostomus leucotis</i>	White-eared Honeyeater	1	3:30:00 PM	4:30:00 PM
14/03/2014	Trap Site 1	20 min Point Survey	<i>Platycercus zonarius</i>	Australian Ringneck Parrot	1	6:35:00 AM	6:35:00 AM
14/03/2014	Trap Site 1	20 min Point Survey	<i>Melithreptus brevirostris</i>	Brown-headed Honeyeater	4	6:35:00 AM	6:35:00 AM
14/03/2014	Trap Site 1	20 min Point Survey	<i>Strepera versicolor</i>	Grey Currawong	1	6:35:00 AM	6:35:00 AM
14/03/2014	Trap Site 1	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	5	6:35:00 AM	6:35:00 AM
14/03/2014	Trap Site 1	20 min Point Survey	<i>Lichenostomus leucotis</i>	White-eared Honeyeater	2	6:35:00 AM	6:35:00 AM
14/03/2014	Trap Site 2	20 min Point Survey	<i>Strepera versicolor</i>	Grey Currawong	2	9:10:00 AM	9:30:00 AM
14/03/2014	Trap Site 3	20 min Point Survey	<i>Platycercus zonarius</i>	Australian Ringneck Parrot	1	8:45:00 AM	9:05:00 AM
14/03/2014	Trap Site 3	20 min Point Survey	<i>Acanthiza apicalis</i>	Broad-tailed Thornbill	1	8:45:00 AM	9:05:00 AM
14/03/2014	Trap Site 3	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	7	8:45:00 AM	9:05:00 AM
14/03/2014	Trap Site 4	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	5	9:35:00 AM	9:55:00 AM
14/03/2014	Trap Site 5	20 min Point Survey	<i>Cracticus tibicen</i>	Australian Magpie	1	8:15:00 AM	8:35:00 AM
14/03/2014	Trap Site 5	20 min Point Survey	<i>Artamus cyanopterus</i>	Dusky Woodswallow	20	8:15:00 AM	8:35:00 AM

Date	Site	Survey Type	Species	Common Name	Number observed	Start Time	End Time
14/03/2014	Trap Site 5	20 min Point Survey	<i>Cracticus torquatus</i>	Grey Butcherbird	1	8:15:00 AM	8:35:00 AM
14/03/2014	Trap Site 5	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	3	8:15:00 AM	8:35:00 AM
14/03/2014	Trap Site 5	20 min Point Survey	<i>Lichenostomus leucotis</i>	White-eared Honeyeater	1	8:15:00 AM	8:35:00 AM
14/03/2014	Trap Site 6	20 min Point Survey	<i>Malurus pulcherrimus</i>	Blue-breasted Fairy-wren	1	7:45:00 AM	8:05:00 AM
14/03/2014	Trap Site 6	20 min Point Survey	<i>Cracticus torquatus</i>	Grey Butcherbird	1	7:45:00 AM	8:05:00 AM
14/03/2014	Trap Site 6	20 min Point Survey	<i>Glossopsitta porphyrocephala</i>	Purple-crowned Lorikeet	1	7:45:00 AM	8:05:00 AM
14/03/2014	Trap Site 6	20 min Point Survey	<i>Manorina flavigula</i>	Yellow-throated Miner	1	7:45:00 AM	8:05:00 AM
14/03/2014	West Open Pit Site	Transect	<i>Pyrrholaemus brunneus</i>	Redthroat	1	4:30:00 PM	5:30:00 PM
15/03/2014	Camp	Opportunistic	<i>Manorina flavigula</i>	Yellow-throated Miner	20	6:00:00 AM	
15/03/2014	New Tails Storage	Transect	<i>Malurus pulcherrimus</i>	Blue-breasted Fairy-wren	5	10:30:00 AM	1:00:00 PM
15/03/2014	New Tails Storage	Transect	<i>Acanthiza apicalis</i>	Broad-tailed Thornbill	5	10:30:00 AM	1:00:00 PM
15/03/2014	New Tails Storage	Transect	<i>Cracticus torquatus</i>	Grey Butcherbird	1	10:30:00 AM	1:00:00 PM
15/03/2014	New Tails Storage	Transect	<i>Strepera versicolor</i>	Grey Currawong	2	10:30:00 AM	1:00:00 PM
15/03/2014	New Tails Storage	Transect	<i>Petroica goodenovii</i>	Red-capped Robin	3	10:30:00 AM	1:00:00 PM
15/03/2014	New Tails Storage	Transect	<i>Hylacola cauta whitlocki</i>	Shy Heath-wren (western)	1	10:30:00 AM	1:00:00 PM
15/03/2014	New Tails Storage	Transect	<i>Smicrornis brevirostris</i>	Weebill	7	10:30:00 AM	1:00:00 PM
15/03/2014	New Tails Storage	Transect	<i>Lichenostomus leucotis</i>	White-eared Honeyeater	1	10:30:00 AM	1:00:00 PM
15/03/2014	Trap Site 1	20 min Point Survey	<i>Coracina novaehollandiae</i>	Black-faced Cuckoo-shrike	1	6:30:00 AM	6:50:00 AM
15/03/2014	Trap Site 1	20 min Point Survey	<i>Acanthiza apicalis</i>	Broad-tailed Thornbill	2	4:20:00 PM	4:40:00 PM
15/03/2014	Trap Site 1	20 min Point Survey	<i>Pachycephala pectoralis</i>	Golden Whistler	1	4:20:00 PM	4:40:00 PM
15/03/2014	Trap Site 1	20 min Point Survey	<i>Cracticus torquatus</i>	Grey Butcherbird	1	6:30:00 AM	6:50:00 AM
15/03/2014	Trap Site 1	20 min Point Survey	<i>Cracticus torquatus</i>	Grey Butcherbird	1	4:20:00 PM	4:40:00 PM
15/03/2014	Trap Site 1	20 min Point Survey	<i>Pardalotus striatus</i>	Striated Pardalote	1	4:20:00 PM	4:40:00 PM
15/03/2014	Trap Site 1	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	3	6:30:00 AM	6:50:00 AM
15/03/2014	Trap Site 1	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	5	4:20:00 PM	4:40:00 PM
15/03/2014	Trap Site 1	20 min Point Survey	<i>Lichenostomus leucotis</i>	White-eared Honeyeater	2	6:30:00 AM	6:50:00 AM
15/03/2014	Trap Site 1	20 min Point Survey	<i>Lichenostomus leucotis</i>	White-eared Honeyeater	2	4:20:00 PM	4:40:00 PM
15/03/2014	Trap Site 2	20 min Point Survey	<i>Cracticus tibicen</i>	Australian Magpie	2	8:15:00 AM	8:35:00 AM
15/03/2014	Trap Site 2	20 min Point Survey	<i>Cracticus torquatus</i>	Grey Butcherbird	1	8:15:00 AM	8:35:00 AM
15/03/2014	Trap Site 2	20 min Point Survey	<i>Lichenostomus leucotis</i>	White-eared Honeyeater	1	8:15:00 AM	8:35:00 AM
15/03/2014	Trap Site 3	20 min Point Survey	<i>Platycercus zonarius</i>	Australian Ringneck Parrot	2	7:50:00 AM	8:10:00 AM
15/03/2014	Trap Site 3	20 min Point Survey	<i>Platycercus zonarius</i>	Australian Ringneck Parrot	1	5:15:00 PM	5:35:00 PM
15/03/2014	Trap Site 3	20 min Point Survey	<i>Acanthiza apicalis</i>	Broad-tailed Thornbill	2	7:50:00 AM	8:10:00 AM
15/03/2014	Trap Site 3	20 min Point Survey	<i>Strepera versicolor</i>	Grey Currawong	1	5:15:00 PM	5:35:00 PM
15/03/2014	Trap Site 3	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	10	7:50:00 AM	8:10:00 AM
15/03/2014	Trap Site 3	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	3	5:15:00 PM	5:35:00 PM
15/03/2014	Trap Site 3	20 min Point Survey	<i>Eopsaltria australis</i>	Western Yellow Robin	2	5:15:00 PM	5:35:00 PM
15/03/2014	Trap Site 3	20 min Point Survey	<i>Lichenostomus leucotis</i>	White-eared Honeyeater	1	7:50:00 AM	8:10:00 AM
15/03/2014	Trap Site 3	20 min Point Survey	<i>Lichenostomus leucotis</i>	White-eared Honeyeater	1	5:15:00 PM	5:35:00 PM
15/03/2014	Trap Site 4	20 min Point Survey	<i>Melithreptus brevirostris</i>	Brown-headed Honeyeater	10	8:40:00 AM	9:00:00 AM
15/03/2014	Trap Site 4	20 min Point Survey	<i>Cracticus torquatus</i>	Grey Butcherbird	1	3:50:00 PM	4:10:00 PM
15/03/2014	Trap Site 4	20 min Point Survey	<i>Strepera versicolor</i>	Grey Currawong	1	8:40:00 AM	9:00:00 AM
15/03/2014	Trap Site 4	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	3	8:40:00 AM	9:00:00 AM

Date	Site	Survey Type	Species	Common Name	Number observed	Start Time	End Time
15/03/2014	Trap Site 4	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	1	3:50:00 PM	4:10:00 PM
15/03/2014	Trap Site 4	20 min Point Survey	<i>Lichenostomus leucotis</i>	White-eared Honeyeater	1	3:50:00 PM	4:10:00 PM
15/03/2014	Trap Site 5	20 min Point Survey	<i>Cracticus tibicen</i>	Australian Magpie	2	9:05:00 AM	9:25:00 AM
15/03/2014	Trap Site 5	20 min Point Survey	<i>Platycercus zonarius</i>	Australian Ringneck Parrot	2	1:00:00 PM	1:20:00 PM
15/03/2014	Trap Site 5	20 min Point Survey	<i>Acanthiza apicalis</i>	Broad-tailed Thornbill	3	9:05:00 AM	9:25:00 AM
15/03/2014	Trap Site 5	20 min Point Survey	<i>Artamus cyanopterus</i>	Dusky Woodswallow	20	1:00:00 PM	1:20:00 PM
15/03/2014	Trap Site 5	20 min Point Survey	<i>Pyrrholaemus brunneus</i>	Redthroat	1	1:00:00 PM	1:20:00 PM
15/03/2014	Trap Site 5	20 min Point Survey	<i>Hylacola cauta whitlocki</i>	Shy Heath-wren (western)	1	9:05:00 AM	9:25:00 AM
15/03/2014	Trap Site 5	20 min Point Survey	<i>Hirundo nigricans</i>	Tree Martin	30	1:00:00 PM	1:20:00 PM
15/03/2014	Trap Site 5	20 min Point Survey	<i>Daphoenositta chrysoptera</i>	Varied Sittella	6	1:00:00 PM	1:20:00 PM
15/03/2014	Trap Site 5	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	1	9:05:00 AM	9:25:00 AM
15/03/2014	Trap Site 5	20 min Point Survey	<i>Lichenostomus leucotis</i>	White-eared Honeyeater	1	9:05:00 AM	9:25:00 AM
15/03/2014	Trap Site 6	20 min Point Survey	<i>Acanthiza apicalis</i>	Broad-tailed Thornbill	1	4:50:00 PM	5:10:00 PM
15/03/2014	Trap Site 6	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	8	4:50:00 PM	5:10:00 PM
16/03/2014	Access Track N/S	Opportunistic	<i>Anthus novaeseelandiae</i>	Australian Pipit	1	7:00:00 AM	
16/03/2014	Access Track N/S	Opportunistic	<i>Anthochaera carunculata</i>	Red Wattlebird	2	7:00:00 AM	
16/03/2014	Camp	Opportunistic	<i>Glossopsitta porphyrocephala</i>	Purple-crowned Lorikeet	2	7:10:00 AM	
16/03/2014	New Mill and Admin	Transect	<i>Cracticus tibicen</i>	Australian Magpie	1	10:05:00 AM	11:35:00 AM
16/03/2014	New Mill and Admin	Transect	<i>Anthus novaeseelandiae</i>	Australian Pipit	1	10:05:00 AM	11:35:00 AM
16/03/2014	New Mill and Admin	Transect	<i>Cracticus torquatus</i>	Grey Butcherbird	3	10:05:00 AM	11:35:00 AM
16/03/2014	New Mill and Admin	Transect	<i>Petroica goodenovii</i>	Red-capped Robin	1	10:05:00 AM	11:35:00 AM
16/03/2014	New Mill and Admin	Transect	<i>Acanthagenys rufogularis</i>	Spiny-cheeked Honeyeater	1	10:05:00 AM	11:35:00 AM
16/03/2014	New Mill and Admin	Transect	<i>Phylidonyris melanops</i>	Tawny-crowned Honeyeater	2	10:05:00 AM	11:35:00 AM
16/03/2014	New Mill and Admin	Transect	<i>Hirundo nigricans</i>	Tree Martin	2	10:05:00 AM	11:35:00 AM
16/03/2014	New Mill and Admin	Transect	<i>Smicrornis brevirostris</i>	Weebill	5	10:05:00 AM	11:35:00 AM
16/03/2014	New Mill and Admin	Transect	<i>Lichenostomus leucotis</i>	White-eared Honeyeater	6	10:05:00 AM	11:35:00 AM
16/03/2014	New Mill and Admin	Transect	<i>Phylidonyris albifrons</i>	White-fronted Honeyeater	1	10:05:00 AM	11:35:00 AM
16/03/2014	Trap Site 1	20 min Point Survey	<i>Cracticus tibicen</i>	Australian Magpie	1	6:35:00 AM	6:55:00 AM
16/03/2014	Trap Site 1	20 min Point Survey	<i>Platycercus zonarius</i>	Australian Ringneck Parrot	4	6:35:00 AM	6:55:00 AM
16/03/2014	Trap Site 1	20 min Point Survey	<i>Coracina novaehollandiae</i>	Black-faced Cuckoo-shrike	1	6:35:00 AM	6:55:00 AM
16/03/2014	Trap Site 1	20 min Point Survey	<i>Pachycephala pectoralis</i>	Golden Whistler	1	6:35:00 AM	6:55:00 AM
16/03/2014	Trap Site 1	20 min Point Survey	<i>Cracticus torquatus</i>	Grey Butcherbird	1	6:35:00 AM	6:55:00 AM
16/03/2014	Trap Site 1	20 min Point Survey	<i>Colluricincla harmonica</i>	Grey Shrike-thrush	1	6:35:00 AM	6:55:00 AM
16/03/2014	Trap Site 1	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	5	6:35:00 AM	6:55:00 AM
16/03/2014	Trap Site 1	20 min Point Survey	<i>Lichenostomus leucotis</i>	White-eared Honeyeater	1	6:35:00 AM	6:55:00 AM
16/03/2014	Trap Site 2	20 min Point Survey	<i>Cracticus tibicen</i>	Australian Magpie	1	4:40:00 PM	5:00:00 PM
16/03/2014	Trap Site 2	20 min Point Survey	<i>Phaps chalcoptera</i>	Common Bronzewing	1	8:50:00 AM	9:10:00 AM
16/03/2014	Trap Site 2	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	1	8:50:00 AM	9:10:00 AM
16/03/2014	Trap Site 2	20 min Point Survey	<i>Lichenostomus leucotis</i>	White-eared Honeyeater	1	8:50:00 AM	9:10:00 AM
16/03/2014	Trap Site 3	20 min Point Survey	<i>Cracticus tibicen</i>	Australian Magpie	1	5:05:00 PM	5:25:00 PM
16/03/2014	Trap Site 3	20 min Point Survey	<i>Platycercus zonarius</i>	Australian Ringneck Parrot	1	8:25:00 AM	8:45:00 AM
16/03/2014	Trap Site 3	20 min Point Survey	<i>Acanthiza apicalis</i>	Broad-tailed Thornbill	1	5:05:00 PM	5:25:00 PM
16/03/2014	Trap Site 3	20 min Point Survey	<i>Cracticus torquatus</i>	Grey Butcherbird	1	8:25:00 AM	8:45:00 AM

Date	Site	Survey Type	Species	Common Name	Number observed	Start Time	End Time
16/03/2014	Trap Site 3	20 min Point Survey	<i>Cracticus torquatus</i>	Grey Butcherbird	1	5:05:00 PM	5:25:00 PM
16/03/2014	Trap Site 3	20 min Point Survey	<i>Strepera versicolor</i>	Grey Currawong	1	8:25:00 AM	8:45:00 AM
16/03/2014	Trap Site 3	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	1	5:05:00 PM	5:25:00 PM
16/03/2014	Trap Site 4	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	1	9:15:00 AM	9:35:00 AM
16/03/2014	Trap Site 4	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	1	4:15:00 PM	4:35:00 PM
16/03/2014	Trap Site 5	20 min Point Survey	<i>Artamus cyanopterus</i>	Dusky Woodswallow	1	3:50:00 PM	4:10:00 PM
16/03/2014	Trap Site 5	20 min Point Survey	<i>Pardalotus striatus</i>	Striated Pardalote	1	8:00:00 AM	8:20:00 AM
16/03/2014	Trap Site 5	20 min Point Survey	<i>Hirundo nigricans</i>	Tree Martin	25	3:50:00 PM	4:10:00 PM
16/03/2014	Trap Site 5	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	1	8:00:00 AM	8:20:00 AM
16/03/2014	Trap Site 5	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	1	3:50:00 PM	4:10:00 PM
16/03/2014	Trap Site 5	20 min Point Survey	<i>Lichenostomus leucotis</i>	White-eared Honeyeater	1	8:00:00 AM	8:20:00 AM
16/03/2014	Trap Site 5	20 min Point Survey	<i>Lichenostomus leucotis</i>	White-eared Honeyeater	1	3:50:00 PM	4:10:00 PM
16/03/2014	Trap Site 5	20 min Point Survey	<i>Rhipidura leucophrys</i>	Willie Wagtail	2	3:50:00 PM	4:10:00 PM
16/03/2014	Trap Site 6	20 min Point Survey	<i>Cracticus tibicen</i>	Australian Magpie	1	7:30:00 AM	7:50:00 AM
16/03/2014	Trap Site 6	20 min Point Survey	<i>Platycercus zonarius</i>	Australian Ringneck Parrot	1	3:20:00 PM	3:40:00 PM
16/03/2014	Trap Site 6	20 min Point Survey	<i>Cracticus torquatus</i>	Grey Butcherbird	1	3:20:00 PM	3:40:00 PM
16/03/2014	Trap Site 6	20 min Point Survey	<i>Pardalotus striatus</i>	Striated Pardalote	1	3:20:00 PM	3:40:00 PM
16/03/2014	Trap Site 6	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	1	7:30:00 AM	7:50:00 AM
16/03/2014	Trap Site 6	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	1	3:20:00 PM	3:40:00 PM
16/03/2014	Trap Site 6	20 min Point Survey	<i>Manorina flavigula</i>	Yellow-throated Miner	1	3:20:00 PM	3:40:00 PM
17/03/2014	Camp	Opportunistic	<i>Corvus coronoides</i>	Australian Raven	1	12:00:00 PM	12:30:00 PM
17/03/2014	Camp	Opportunistic	<i>Coracina novaehollandiae</i>	Black-faced Cuckoo-shrike	1	12:00:00 PM	12:30:00 PM
17/03/2014	Camp	Opportunistic	<i>Artamus cyanopterus</i>	Dusky Woodswallow	10	12:00:00 PM	12:30:00 PM
17/03/2014	Camp	Opportunistic	<i>Colluricincla harmonica</i>	Grey Shrike-thrush	1	12:00:00 PM	12:30:00 PM
17/03/2014	Camp	Opportunistic	<i>Pardalotus punctatus</i>	Spotted Pardalote	3	12:00:00 PM	12:30:00 PM
17/03/2014	Camp	Opportunistic	<i>Pardalotus striatus</i>	Striated Pardalote	4	12:00:00 PM	12:30:00 PM
17/03/2014	Camp	Opportunistic	<i>Hirundo nigricans</i>	Tree Martin	15	12:00:00 PM	12:30:00 PM
17/03/2014	Camp	Opportunistic	<i>Smicrornis brevirostris</i>	Weebill	10	12:00:00 PM	12:30:00 PM
17/03/2014	Camp	Opportunistic	<i>Lichenostomus ornatus</i>	Yellow-plumed Honeyeater	2	12:00:00 PM	12:30:00 PM
17/03/2014	Trap Site 1	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	1	4:50:00 PM	5:10:00 PM
17/03/2014	Trap Site 2	20 min Point Survey	<i>Cracticus torquatus</i>	Grey Butcherbird	1	3:35:00 PM	3:55:00 PM
17/03/2014	Trap Site 2	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	1	6:50:00 AM	7:10:00 AM
17/03/2014	Trap Site 3	20 min Point Survey	<i>Cracticus tibicen</i>	Australian Magpie	2	6:25:00 PM	6:45:00 PM
17/03/2014	Trap Site 3	20 min Point Survey	<i>Platycercus zonarius</i>	Australian Ringneck Parrot	1	6:25:00 PM	6:45:00 PM
17/03/2014	Trap Site 3	20 min Point Survey	<i>Platycercus zonarius</i>	Australian Ringneck Parrot	1	4:00:00 PM	4:20:00 PM
17/03/2014	Trap Site 3	20 min Point Survey	<i>Acanthiza apicalis</i>	Broad-tailed Thornbill	2	6:25:00 PM	6:45:00 PM
17/03/2014	Trap Site 3	20 min Point Survey	<i>Melithreptus brevirostris</i>	Brown-headed Honeyeater	15	6:25:00 PM	6:45:00 PM
17/03/2014	Trap Site 3	20 min Point Survey	<i>Oreica gutturalis pallascens</i>	Crested Bellbird	1	6:25:00 PM	6:45:00 PM
17/03/2014	Trap Site 3	20 min Point Survey	<i>Cracticus torquatus</i>	Grey Butcherbird	1	6:25:00 PM	6:45:00 PM
17/03/2014	Trap Site 3	20 min Point Survey	<i>Pyrrholaemus brunneus</i>	Redthroat	2	6:25:00 PM	6:45:00 PM
17/03/2014	Trap Site 3	20 min Point Survey	<i>Pardalotus striatus</i>	Striated Pardalote	1	6:25:00 PM	6:45:00 PM
17/03/2014	Trap Site 3	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	2	6:25:00 PM	6:45:00 PM
17/03/2014	Trap Site 3	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	1	4:00:00 PM	4:20:00 PM

Date	Site	Survey Type	Species	Common Name	Number observed	Start Time	End Time
17/03/2014	Trap Site 3	20 min Point Survey	<i>Lichenostomus leucotis</i>	White-eared Honeyeater	1	6:25:00 PM	6:45:00 PM
17/03/2014	Trap Site 3	20 min Point Survey	<i>Lichenostomus leucotis</i>	White-eared Honeyeater	1	4:00:00 PM	4:20:00 PM
17/03/2014	Trap Site 4	20 min Point Survey	<i>Platycercus zonarius</i>	Australian Ringneck Parrot	1	3:10:00 PM	3:30:00 PM
17/03/2014	Trap Site 4	20 min Point Survey	<i>Cracticus torquatus</i>	Grey Butcherbird	1	7:15:00 AM	7:35:00 AM
17/03/2014	Trap Site 4	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	5	3:10:00 PM	3:30:00 PM
17/03/2014	Trap Site 4	20 min Point Survey	<i>Lichenostomus leucotis</i>	White-eared Honeyeater	1	3:10:00 PM	3:30:00 PM
17/03/2014	Trap Site 5	20 min Point Survey	<i>Artamus cyanopterus</i>	Dusky Woodswallow	1	4:25:00 PM	4:45:00 PM
17/03/2014	Trap Site 5	20 min Point Survey	<i>Hirundo nigricans</i>	Tree Martin	1	4:25:00 PM	4:45:00 PM
17/03/2014	Trap Site 5	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	1	4:25:00 PM	4:45:00 PM
17/03/2014	Trap Site 6	20 min Point Survey	<i>Smicrornis brevirostris</i>	Weebill	1	7:40:00 AM	8:00:00 AM

Camera Trap results

Date	Camera Number	Species	Common Name	Number
15/11/2013	H027	<i>Phaps chalcoptera</i>	Common Bronzewing	1
16/11/2013	H001	<i>Rhipidura leucophrys</i>	Willie Wagtail	1
16/11/2013	H029	<i>Felis catus</i>	Cat	1
16/11/2013	H033	<i>Felis catus</i>	Cat	1
17/11/2013	H027	<i>Phaps chalcoptera</i>	Common Bronzewing	1
18/11/2013	H027	<i>Phaps chalcoptera</i>	Common Bronzewing	1
18/11/2013	H033	<i>Felis catus</i>	Cat	1
19/11/2013	H027	<i>Phaps chalcoptera</i>	Common Bronzewing	1
21/11/2013	H033	<i>Oreoica gutturalis gutturalis</i>	Crested Bellbird	1
21/11/2013	H033	<i>Felis catus</i>	Cat	1
22/11/2013	H029	<i>Felis catus</i>	Cat	1
23/11/2013	H025	<i>Notomys mitchellii</i>	Mitchell's Hopping-mouse	1
23/11/2013	H029	<i>Felis catus</i>	Cat	1
24/11/2013	H025	<i>Phaps chalcoptera</i>	Common Bronzewing	1
26/11/2013	H025	<i>Notomys mitchellii</i>	Mitchell's Hopping-mouse	1
26/11/2013	H029	<i>Felis catus</i>	Cat	1
26/11/2013	H033	<i>Climacteris rufa</i>	Rufous Treecreeper	1
28/11/2013	H025	<i>Notomys mitchellii</i>	Mitchell's Hopping-mouse	1
29/11/2013	H029	<i>Anthochaera carunculata</i>	Red Wattlebird	1
29/11/2013	H030	<i>Hylacola cauta whitlocki</i>	Shy Heath-wren (western)	1
30/11/2013	H027	<i>Varanus gouldii</i>	Gould's Sand Monitor	1
1/12/2013	H027	<i>Phaps chalcoptera</i>	Common Bronzewing	1
1/12/2013	H035	<i>Felis catus</i>	Cat	1
6/12/2013	H027	<i>Phaps chalcoptera</i>	Common Bronzewing	1
6/12/2013	H036	<i>Phaps chalcoptera</i>	Common Bronzewing	1
7/12/2013	H029	<i>Anthochaera carunculata</i>	Red Wattlebird	1
7/12/2013	H030	<i>Morethia obscura</i>	Woodland Dark-flecked Morethia	1

Date	Camera Number	Species	Common Name	Number
8/12/2013	H025	<i>Felis catus</i>	Cat	1
9/12/2013	H025	<i>Cracticus tibicen</i>	Australian Magpie	2
10/12/2013	H033	<i>Cinchoramphus mathewsi</i>	Rufous Songlark	1
11/12/2013	H035	<i>Phylidonyris albifrons</i>	White-fronted Honeyeater	1
12/12/2013	H036	<i>Podargus strigoides</i>	Tawny Frogmouth	1
14/12/2013	H027	<i>Cinlosoma castanotus</i>	Chestnut-backed Quail-thrush	1
16/12/2013	H027	<i>Varanus gouldii</i>	Gould's Sand Monitor	1
16/12/2013	H027	<i>Anthus novaeseelandiae</i>	Australian Pipit	1
16/12/2013	H027	<i>Phaps chalcoptera</i>	Common Bronzewing	1
16/12/2013	H033	<i>Ardeotis australis</i>	Australian Bustard	2
18/12/2013	H036	<i>Vulpes vulpes</i>	Red Fox	1
19/12/2013	H025	<i>Cracticus tibicen</i>	Australian Magpie	1
22/12/2013	H001	<i>Strepera versicolor</i>	Grey Currawong	1
22/12/2013	H029	<i>Hylacola cauta whitlocki</i>	Shy Heath-wren (western)	1
22/12/2013	H032	<i>Oreoica gutturalis gutturalis</i>	Crested Bellbird	1
23/12/2013	H033	<i>Artamus personatus</i>	Masked Woodswallow	1
25/12/2013	H035	<i>Acanthagenys rufogularis</i>	Spiny-cheeked Honeyeater	1
26/12/2013	H025	<i>Smicrornis brevirostris</i>	Weebill	1
26/12/2013	H030	<i>Felis catus</i>	Cat	1
26/12/2013	H032	<i>Anthus novaeseelandiae</i>	Australian Pipit	1
26/12/2013	H033	<i>Phaps chalcoptera</i>	Common Bronzewing	1
27/12/2013	H033	<i>Rhipidura leucophrys</i>	Willie Wagtail	1
28/12/2013	H001	<i>Strepera versicolor</i>	Grey Currawong	1
28/12/2013	H027	<i>Varanus gouldii</i>	Gould's Sand Monitor	1
28/12/2013	H035	<i>Ardeotis australis</i>	Australian Bustard	1
29/12/2013	H027	<i>Phaps chalcoptera</i>	Common Bronzewing	1
30/12/2013	H025	<i>Artamus personatus</i>	Masked Woodswallow	1
30/12/2013	H027	<i>Falco berigora</i>	Brown Falcon	2
1/01/2014	H036	<i>Cracticus tibicen</i>	Australian Magpie	3
3/01/2014	H025	<i>Smicrornis brevirostris</i>	Weebill	1
3/01/2014	H027	<i>Felis catus</i>	Cat	1
4/01/2014	H025	<i>Petroica goodenovii</i>	Red-capped Robin	1

Date	Camera Number	Species	Common Name	Number
4/01/2014	H025	<i>Cincloramphus mathewsi</i>	Rufous Songlark	1
4/01/2014	H033	<i>Phaps chalcoptera</i>	Common Bronzewing	1
5/01/2014	H025	<i>Anthus novaeseelandiae</i>	Australian Pipit	1
5/01/2014	H025	<i>Varanus gouldii</i>	Gould's Sand Monitor	1
5/01/2014	H025	<i>Acanthiza chrysorrhoa</i>	Yellow-rumped Thornbill	1
6/01/2014	H033	<i>Rhipidura leucophrys</i>	Willie Wagtail	1
6/01/2014	H035	<i>Oreoica gutturalis gutturalis</i>	Crested Bellbird	1
8/01/2014	H025	<i>Anthus novaeseelandiae</i>	Australian Pipit	1
8/01/2014	H025	<i>Cincloramphus mathewsi</i>	Rufous Songlark	1
8/01/2014	H033	<i>Rhipidura leucophrys</i>	Willie Wagtail	1
11/01/2014	H035	<i>Macropus fuliginosus</i>	Western Grey Kangaroo	1
12/01/2014	H027	<i>Varanus gouldii</i>	Gould's Sand Monitor	1
13/01/2014	H030	<i>Cracticus torquatus</i>	Grey Butcherbird	1
15/01/2014	H029	<i>Varanus gouldii</i>	Gould's Sand Monitor	1
15/01/2014	H032	<i>Cracticus tibicen</i>	Australian Magpie	1
16/01/2014	H027	<i>Phaps elegans</i>	Brush Bronzewing	1
17/01/2014	H025	<i>Lalage sueurii</i>	White-winged Triller	1
17/01/2014	H025	<i>Oreoica gutturalis gutturalis</i>	Crested Bellbird	1
17/01/2014	H027	<i>Felis catus</i>	Cat	1
18/01/2014	H032	<i>Hylacola cauta whitlocki</i>	Shy Heath-wren (western)	1
19/01/2014	H027	<i>Taeniopygia guttata</i>	Zebra Finch	1
19/01/2014	H029	<i>Strepera versicolor</i>	Grey Currawong	1
20/01/2014	H032	<i>Hylacola cauta whitlocki</i>	Shy Heath-wren (western)	1
20/01/2014	H035	<i>Cracticus tibicen</i>	Australian Magpie	1
23/01/2014	H025	<i>Varanus gouldii</i>	Gould's Sand Monitor	1
23/01/2014	H036	<i>Strepera versicolor</i>	Grey Currawong	1
24/01/2014	H033	<i>Cracticus tibicen</i>	Australian Magpie	1
25/01/2014	H032	<i>Notomys mitchellii</i>	Mitchell's Hopping-mouse	1
26/01/2014	H027	<i>Varanus gouldii</i>	Gould's Sand Monitor	1
26/01/2014	H029	<i>Strepera versicolor</i>	Grey Currawong	1
27/01/2014	H027	<i>Varanus gouldii</i>	Gould's Sand Monitor	1
30/01/2014	H032	<i>Hylacola cauta whitlocki</i>	Shy Heath-wren (western)	1

Date	Camera Number	Species	Common Name	Number
1/02/2014	H027	<i>Felis catus</i>	Cat	1
3/02/2014	H025	<i>Oreoica gutturalis gutturalis</i>	Crested Bellbird	1
6/02/2014	H033	<i>Macropus fuliginosus</i>	Western Grey Kangaroo	1
7/02/2014	H025	<i>Petroica goodenovii</i>	Red-capped Robin	1
11/02/2014	H036	<i>Cracticus tibicen</i>	Australian Magpie	1
12/02/2014	H027	<i>Varanus gouldii</i>	Gould's Sand Monitor	1
12/02/2014	H030	<i>Hylacola cauta whitlocki</i>	Shy Heath-wren (western)	1
14/02/2014	H033	<i>Rhipidura leucophrys</i>	Willie Wagtail	1
15/02/2014	H029	<i>Moloch horridus</i>	Thorny Devil	1
20/02/2014	H025	<i>Felis catus</i>	Cat	1
20/02/2014	H029	<i>Strepera versicolor</i>	Grey Currawong	1
20/02/2014	H032	<i>Hylacola cauta whitlocki</i>	Shy Heath-wren (western)	1
21/02/2014	H030	<i>Hylacola cauta whitlocki</i>	Shy Heath-wren (western)	1
26/02/2014	H027	<i>Varanus gouldii</i>	Gould's Sand Monitor	1
2/03/2014	H036	<i>Strepera versicolor</i>	Grey Currawong	1
4/03/2014	H036	<i>Strepera versicolor</i>	Grey Currawong	1
5/03/2014	H032	<i>Aegotheles cristatus</i>	Australian Owlet-nightjar	1
5/03/2014	H033	<i>Oreoica gutturalis gutturalis</i>	Crested Bellbird	1
6/03/2014	H027	<i>Pseudonaja affinis</i>	Dugite	1
6/03/2014	H032	<i>Strepera versicolor</i>	Grey Currawong	1
7/03/2014	H025	<i>Felis catus</i>	Cat	1
8/03/2014	H035	<i>Felis catus</i>	Cat	1

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