Appendix F: Biodiversity Response to Submissions Report

umwelt
Environmental & Social Consultants

renewables

RYE PARK WIND FARM MODIFICATION 1

Submissions Report

FINAL

August 2020

RYE PARK WIND FARM MODIFICATION 1

Submissions Report

FINAL

Prepared by
Umwelt (Australia) Pty Limited
on behalf of
Rye Park Renewable Energy Wind Farm Pty Ltd

Project Director:	Travis Peake
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Report No.	4107/R10/Final
Date:	August 2020

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Document Status

Rev No.	Reviewer		Approved for Issue	
	Name	Date	Name	Date
Final	Travis Peake	13 August 2020	Travis Peake	13 August 2020

Table of Contents

Figures

Tables

Appendices

1.0 Introduction

The Modification Report, including the Biodiversity Development Assessment Report (BDAR) for the Rye Park Wind Farm Project – Modification 1 (SSD-6693-Mod-1) was placed on public exhibition from 13 May to 3 June 2020 (21 days). This Response to Submissions (RTS) has been prepared to address issues raised in the submissions, specific to ecology, biodiversity, flora and fauna, received during the public exhibition period.

The Rye Park Wind Farm (the Project) is being proposed by the Applicant, Rye Park Renewable Energy Pty Ltd (RPRE), a wholly owned subsidiary of Tilt Renewables Limited (Tilt Renewables). The Proposed Modifications being sought in the Modification 1 include:

- **Removal of 12 wind turbines** to reduce the Project to a maximum of 80 wind turbines.
- **Increase to the wind turbine envelope** to a maximum tip height of 200 m to enable the use of newer and more efficient wind turbine models.
- **Revisions to the Development Corridor** to accommodate revised Indicative Development Footprints including the reduced wind turbine numbers, optimised design assumptions including changes to the wind turbine foundations and hardstands, internal access tracks, 33 kV connection infrastructure, collector substations, transmission line and connection in infrastructure, and supporting infrastructure. Optimisation of other infrastructure, including operation and maintenance facilities, construction compounds, and temporary concrete batch plants.
- **Selection of the Preferred Transport Route** for heavy and over-dimensional vehicles to enable the consideration of ground disturbance and associated vegetation removal which will be required to accommodate the proposed upgrades of the local Council roads. Several options for the transportation of heavy and over-dimensional vehicles from port facilities are under construction.

During the public exhibition period, the Department of Planning, Industry and Environment (DPIE) received a total of 151 submissions including 17 from government agencies, 7 from organisations and 127 from the Public. Whilst 127 Public Submissions were received, 22 of these submissions were duplications (resulting from multiple submissions being lodged by the same person). Accordingly, the total number of Public Submissions was 105, with 85 of these being made by people who objected to the Project and 20 being made by people who supported the Project.

This Submissions Report has been prepared by Umwelt (Australia) Pty Limited (Umwelt) on behalf of Tilt Renewables and seeks to address the issues raised in agency and community submissions.

This Submissions Report includes:

- a summary of actions completed since exhibition (**Section 2.0**)
- a response to the Biodiversity Conservation Division (BCD) agency submission (**Section 3.0**)
- a response to public and organisation submissions (**Section 4.0**).

2.0 Actions taken since exhibition

2.1 Revised BDAR

Since submission and exhibition of the BDAR for the Rye Park Wind Farm Project – Modification 1 (SSD-6693-Mod-1) (Umwelt 2020a), the Indicative Development Footprint – Wind Farm has undergone minor amendments from the following design changes:

- an alternative alignment for the section of transmission line crossing Blakney Creek South Road
- six permanent meteorological masts are proposed throughout the Project
- minor amendments to the external transport route, particularly near the township of Rye Park, NSW.

As a result of these changes, Umwelt completed an additional field survey to capture 8 BAM Vegetation Integrity Plots within the proposed new Indicative Development Footprint – Wind Farm. The necessary updates were made to the GIS Mapping of survey effort, vegetation zones, species polygons and online BAM Credit Calculator.

During this survey, Umwelt also completed targeted golden sun moth (*Synemon plana*, GSM) habitat transects to facilitate a more detailed analysis of GSM species polygon mapping for the project. This is discussed further in **Section 3.2.1**.

The revised BDAR (Umwelt 2020b) captures the changes described above but also provides additional detail in relation to a number of the BCD submissions (**Section 3.0**). The outcome of this additional work captured in full within the revised BDAR is also summarised within the relevant sections below.

3.0 DPIE – Biodiversity Conservation Division

3.1 BAM Plot Location

BCD undertook analysis of the BAM plot placement in relation to the disturbance footprint (summarised in Table 1) and found that 65% of plots are situated outside of the disturbance footprint.

…

The mean distance from the footprint is 301 m. Unless site visits demonstrate considerable homogeneity, BCD is of the view that this is too far from the development footprint to be representative of the impacted land.

…

the assessor has advised BCD that the vegetation condition in the area is fairly consistent.

This submission was discussed with BCD on Tuesday 23 June 2020 in a meeting between Umwelt, Tilt Renewables and BCD. This meeting was arranged by Umwelt and Tilt Renewables to discuss a number of BCD submissions in more detail.

As discussed in the meeting with BCD, we note that Umwelt undertook a larger number of BAM Vegetation Integrity Plots than was required based on the minimum requirement of BAM (OEH 2017). The large number of BAM Vegetation Integrity Plots that were completed was a result of capturing various project design changes since commencing the work in 2017. Many of the design changes were in relation to efforts of avoidance and or minimisation, as is required in BAM. Umwelt used all BAM Vegetation Integrity Plots undertaken for the Project within the online BAM Credit Calculator (BAMCC), despite these presenting a surplus of survey effort.

As discussed further below, many of the BAM Vegetation Integrity Plots are located short distances outside of the Indicative Development Footprints and should not be discounted as being appropriate and representative. This would bring down the percentage of plots noted as being situated outside of the Indicative Development Footprint and also the mean distance from the footprint. It is important to note that BAM Vegetation Integrity Plots were assigned to a particular vegetation zone when the zone has 'considerable homogeneity' and that, based on field inspections, plots would not unduly mis-represent the characteristics of the overall vegetation zone (Umwelt 2020b).

Umwelt and Tilt Renewables are supportive of undertaking a site inspection with BCD to visit pre-selected BAM Vegetation Integrity Plots, with the intention to visit locations outside the Indicative Development Footprints as well as within to assess 'considerable homogeneity' across the general project locality as well as within the Indicative Development Footprints. This site inspection will be arranged in due course, however due to the timing requirements of the Response to Submissions (July 2020), the site inspection is unlikely to take place before this.

BCD therefore recommends at a minimum additional BAM plots be undertaken within the development footprint for the higher value communities including Vegetation Zones 3, 4 and 5, such that they meet the requirements of Table 4 in the BAM. All other non-complying vegetation zones should be subject to increased rapid vegetation survey to ensure that PCT boundaries are accurate.

In regard to Attachment 3 - Table 1 of the BCD submission, we present the degree of oversampling completed by Umwelt:

- Vegetation Zone 3 required three plots based on the minimum plot requirement of BAM (OEH 2017); Umwelt used data from seven plots within the BAMCC, presenting a **surplus of four plots**.
- Vegetation Zone 4 required three plots based on the minimum plot requirement of BAM (OEH 2017); Umwelt used data from five plots within the BAMCC, presenting a **surplus of two plots**.
- Vegetation Zone 5 required five plots based on the minimum plot requirement of BAM (OEH 2017); Umwelt used data from eight plots within the BAMCC, presenting a **surplus of three plots**.

The total minimum BAM Vegetation Integrity Plot requirement is 37, whilst Umwelt completed 52 throughout extensive field surveys. This presents a surplus of 15 BAM Vegetation Integrity Plots. All of these plots were entered into the BAMCC.

While we note that a number of the plots completed are located outside of the Indicative Development Footprints, as mentioned earlier this has occurred in light of project design changes since commencing the work in 2017. Many of which were in relation to efforts of avoidance and or minimisation, as is required in BAM.

Further detail on this is provided below:

- Vegetation Zone 3: Six of the seven plots are identified as occurring outside of Indicative Development Footprints. Three of these six (Plots 31, 6 and DMRP1) however are **located less than 20 m outside the Indicative Development Footprint**. As this is less than the width of a BAM Vegetation Integrity Plot, these should be acceptable. **The inclusion of these BAM Vegetation Integrity Plots would result in four of the seven plots being within, the minimum plot requirement for Vegetation Zone 3 is just three (OEH 2017).**
- Vegetation Zone 4: Three of the five plots are identified as occurring outside of Indicative Development Footprints. One of these is **less than 1 m (0.3 m) out of the Indicative Development Footprints**. This should be acceptable. **The inclusion of this plot would result in three plots being within, the minimum plot requirement for Vegetation Zone 4 is three (OEH 2017).**
- Vegetation Zone 5: Six of the eight plots are identified as occurring outside of Indicative Development Footprints. Two of these six occur **outside by less than 45 m** (Plot 8 is 26 m outside, Plot 42 is 42 m outside). This distance is less than the length of the BAM 20 x 50 m plot. Two of the six occur outside by **less than 150 m** (Plot 13 is 80 m outside and Plot 26 is 140 m outside). These four plots should be deemed within due to proximity, extent of work completed, complex nature of the project and multiple revisions of the project over several years. **The inclusion of the first two plots discussed would result in four plots being within the Indicative Development Footprints. While the inclusion of the four plots discussed would result in six plots being within, the minimum plot requirement for Vegetation Zone 5 is five (OEH 2017).**

3.2 Species Polygons for Golden Sun Moth and other Species Credit Species

3.2.1 Golden sun moth

This submission was discussed with BCD on Tuesday 23 June 2020 in a meeting between Umwelt, Tilt Renewables and BCD.

BCD's GSM expert, Rod Pietsch, disagrees with the method of circumscribing the species polygon with a 200 m radius based on his knowledge of the species behaviour. Given (a) the species' ability to disperse further than 200 m by wind, and (b) the tight association between GSM and DNG, demonstrated clearly by the Umwelt's survey data, it is BCD's view that the polygon boundaries for this species should adhere to areas of DNG within the development footprint. We believe that this approach is justified because:

a. GSM are SAII

b. There are several areas of non-native vegetation which may be suitable GSM habitat but cannot generate a credit because of a low VI score, these areas should be addressed as a prescribed impact and the equations in the BAM used to calculate the offset.

Umwelt has prepared an SAII assessment in accordance with the impact assessment criteria provided in Subsection 10.2.3 of the BAM and provided in Appendix F of the revised BDAR (Umwelt 2020b) for the GSM. This is summarised in **Section 3.6** below**.**

Umwelt has also prepared a prescribed impact assessment of non-native vegetation supporting GSM habitat, as per Section 9.2.1.4 of the BAM, which is provided in Section 5.3.5 of the revised BDAR (Umwelt 2020b)**.** This is summarised in **Section 3.9** below**.**

It is noted that the previous BDAR version placed on public exhibition (Umwelt 2020a) was, through error, missing some records of GSM made by NGH Environmental in 2014. These records were presented in the Biodiversity Assessment Addendum (NGH Environmental 2016a). During the process of revising the BDAR Umwelt 2020b) and addressing this submission by BCD, these additional records have been included in the analysis.

There is appropriate justification in the public literature for the application of 200 metre buffers being applied in the determination of the species polygon for GSM. Specifically, Clarke & O'Dwyer (2000) note that GSM males are unlikely to fly more than 100 metres from suitable habitat and females hardly at all. Therefore, populations separated by 200 metres or more are considered to be isolated and therefore should be treated as distinct sites (DEWHA 2009b). Furthermore, the Commonwealth Significant Impact Guidelines for the Critically Endangered Golden Sun Moth (*Synemon plana*) (DEWHA 2009a) and a Background Paper for the guidelines (DEWHA 2009b) support the conclusion that individuals of the species are unlikely to travel more than 100 m from suitable habitat patches and populations separated by distances greater than 200 m can therefore be considered effectively isolated.

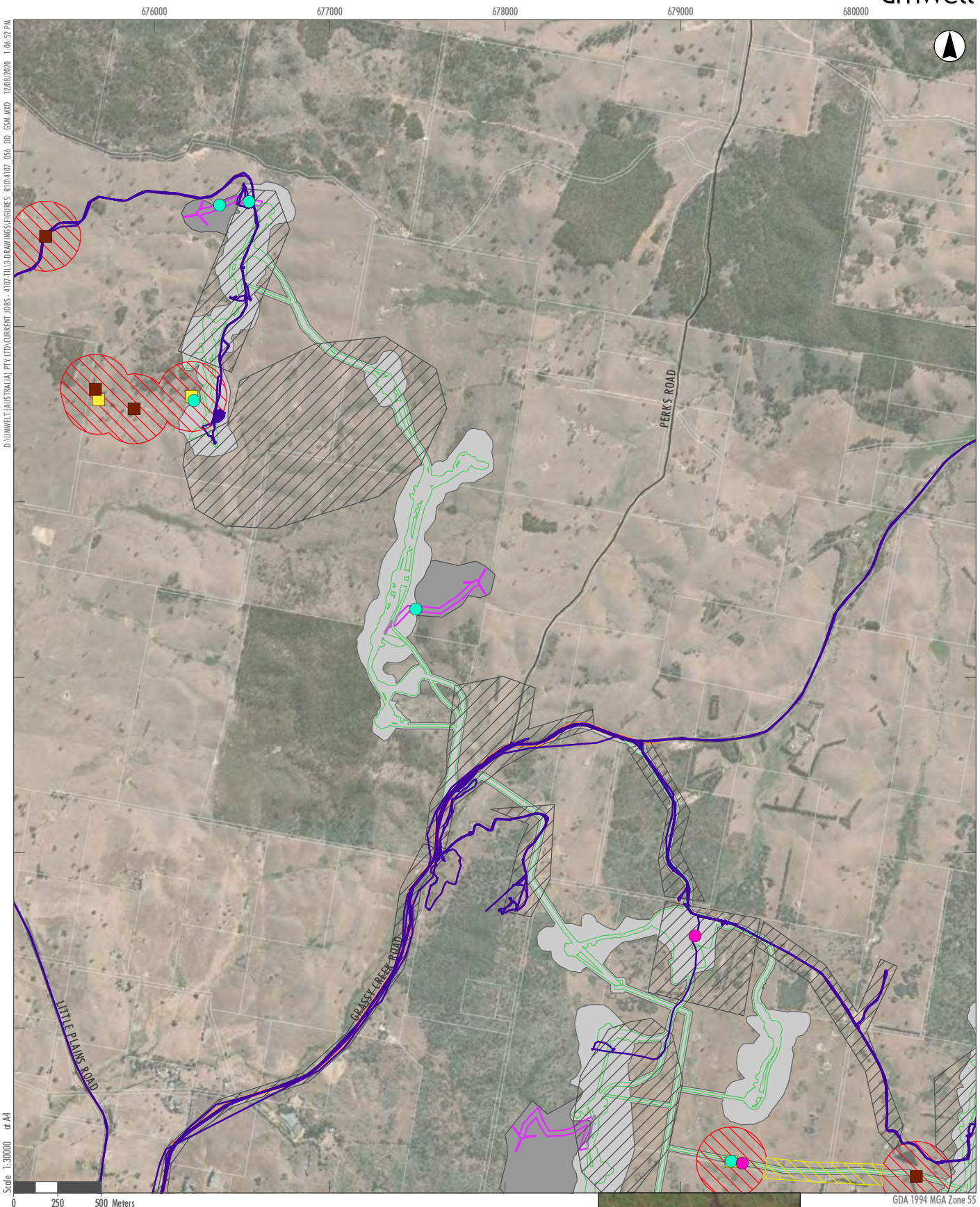
There is a variety of information resources relating to habitat descriptions for GSM, including documents where the 'typical' plant assemblage of GSM habitat is extremely difficult to define (DEWHA 2009a and 2009b). The species has been variously associated with native grasslands, open grassy woodlands, derived native grasslands and degraded (including exotic) grasslands, that comprise wallaby grasses (*Rytidosperma* spp.), spear grasses (*Austrostipa* spp.), *Bothriochloa* spp., kangaroo grass (*Themeda australis*), Chilean needlegrass (*Nassella nessiana*) and/or serrated tussock (*Nassella trichotoma*) (DEWHA 2009a and 2009b, OEH 2019).

Despite this range of features that have been variously put forward, wallaby grasses (*Rytidosperma* spp.) remains the critical habitat descriptor for GSM (NSW DECCW 1996, TSSC 2002, ACT Government 2017, TBDC 2020). Furthermore, the species has been strongly linked with grasslands supporting greater than 40% cover of wallaby grasses (*Rytidosperma* spp.). During the entire period over which the BAM assessment has been prepared, the Threatened Biodiversity Data Collection (TBDC) profile for the golden sun moth has identified the GSM habitat constraint as being "Wallaby grass (*Rytidosperma* sp), Chilean needlegrass (*Nassella nessiana*) or serrated tussock (*Nassella trichotoma*)" (TBDC 2020). The TBDC notes as well that the species "feeds predominantly on roots of native wallaby grasses, but will also feed on Chilean needlegrass and serrated tussock roots" (TBDC 2020). Given that this is the key source of habitat constraints and seasonality of survey requirements for the BAM, it has formed the primary guidance, coupled with the predominance in the scientific/policy literature regarding wallaby grass of 40% or more cover.

In the revised BDAR (Umwelt 2020b) Umwelt has maintained the application of a 200 m buffer from known records of GSM within the Project to determine the extent of the species polygon is suitable and justifiable. Based on current knowledge, this approach is suitable and appropriate for determining the extent of the GSM species polygon. This approach takes into consideration acknowledgment the species will utilise habitat broader than the specific location of the record. With the limited mobility of the species 200 m buffers are considered to be appropriate, especially given that on most occasions, multiple records were made in proximity to one another. Where multiple records and their associated 200 m buffers do not interconnect, the species polygon mapping between buffers was extended to provide a continuation (and potential over-estimation) of habitat.

Figure 3.1 presents the full extent of GSM survey effort as well as the revised GSM species polygons.

As part of the post-submission engagement between Tilt Renewables, Umwelt and the BDC, the BCD has provided further information and clarification of their view in the final weeks of preparation of the Submissions Report and the revised BDAR (Umwelt 2020b). This information has not been able to be adequately addressed in this Submissions Report, or in the revised BDAR (Umwelt 2020b), as the analysis of existing data and/or the collection and analysis of new data could not be undertaken in the limited timeframe available. However, it is noted that further engagement on this subject will be required in the short term to determine any further implications on project impacts and credit requirement for the GSM.



Legend

- Development Corridor - Wind Farm
- Development Corridor - Permanent Met Masts
- Indicative Development Footprint - Wind Farm
- Indicative Development Footprint - Permanent Met Masts
- Indicative Development Footprint - External Roads
- Seasonally Suitable Golden Sun Moth Survey Tracks (Umwelt)
- Areas Surveyed for Golden Sun Moth - No Records (Umwelt and NGH)
- Golden Sun Moth Record (Umwelt)
- Golden Sun Moth Record (NGH)
- Golden Sun Moth Record 200m Buffer
- Habitat Extension
- Golden Sun Moth Habitat Transects (Umwelt)
- Golden Sun Moth Habitat Transects (NGH)

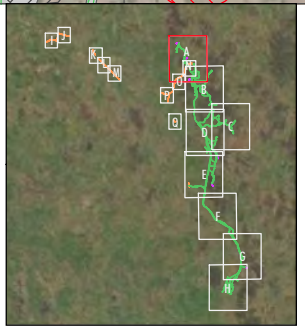
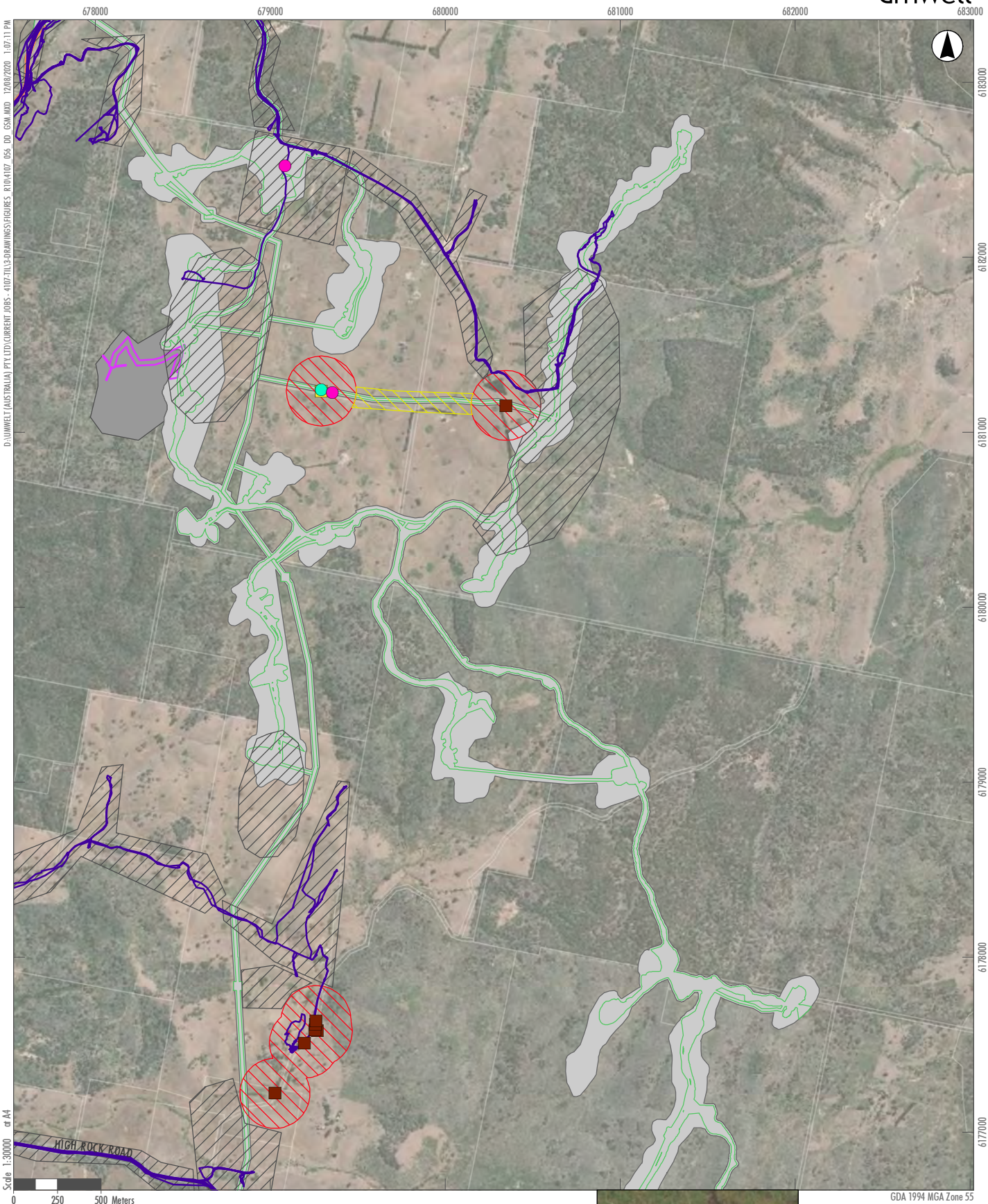


FIGURE 3.1.a

Golden Sun Moth Detailed Analysis

Image Source: ESRI Basemap (2020) Data source: Geoscience Australia; Rye Park Renewable Energy Pty Ltd (2020)



Legend

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- Habitat Extension
- Golden Sun Moth Habitat Transects (Umwelt)
- Golden Sun Moth Habitat Transects (NGH)

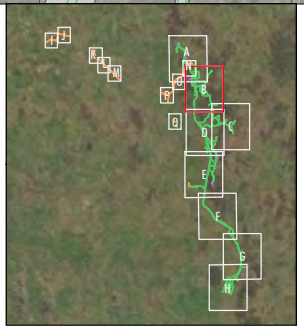

FIGURE 3.1.b

Golden Sun Moth Detailed Analysis

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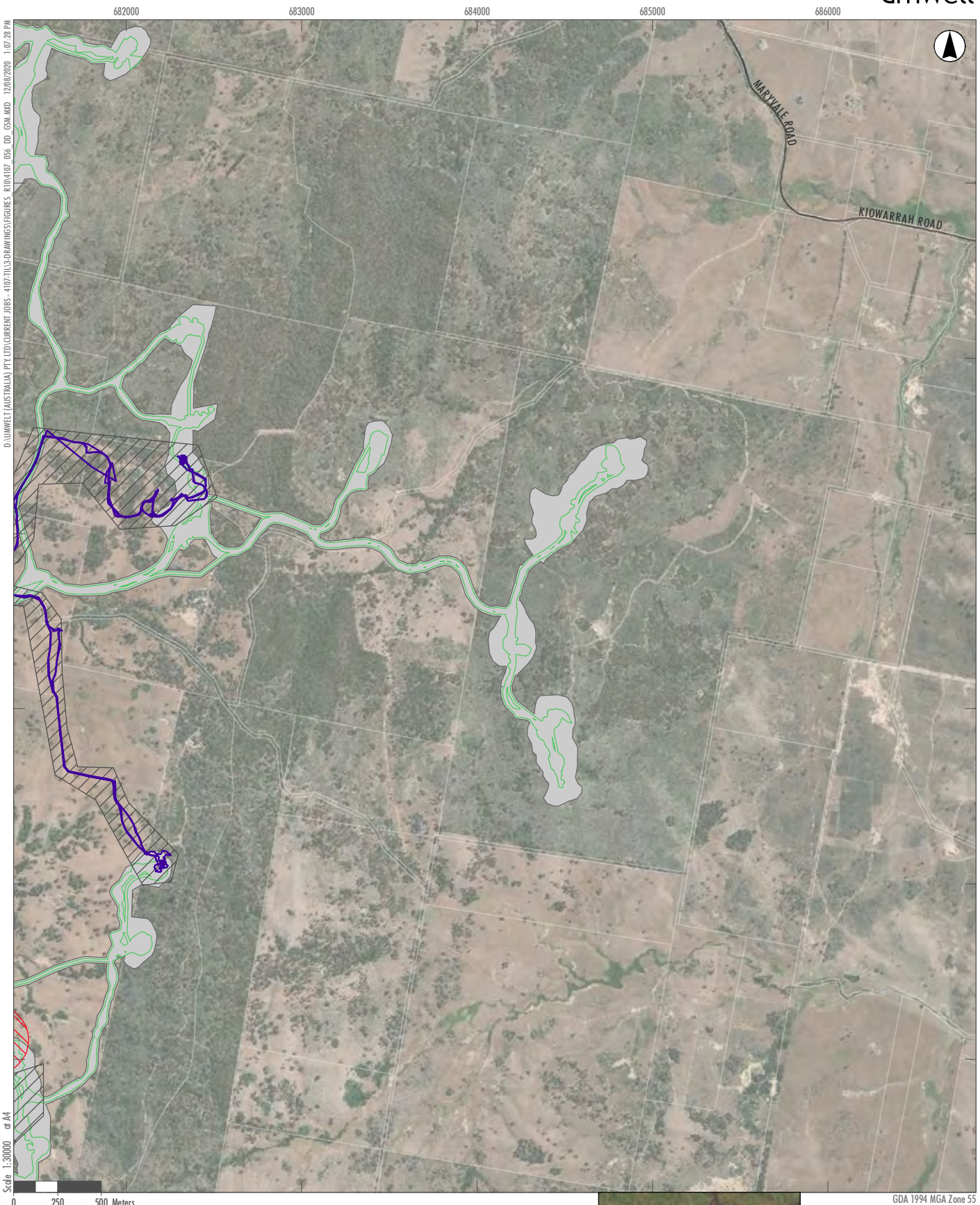

Legend

- Development Corridor - Wind Farm
- Indicative Development Footprint - Wind Farm
- Seasonally Suitable Golden Sun Moth Survey Tracks (Umwelt)
- Areas Surveyed for Golden Sun Moth - No Records (Umwelt and NGH)
- Golden Sun Moth Record 200m Buffer

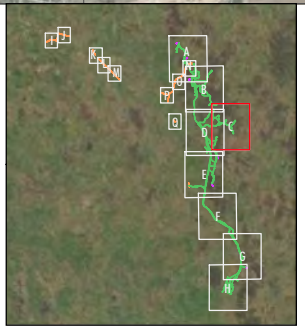

FIGURE 3.1.c

Golden Sun Moth Detailed Analysis

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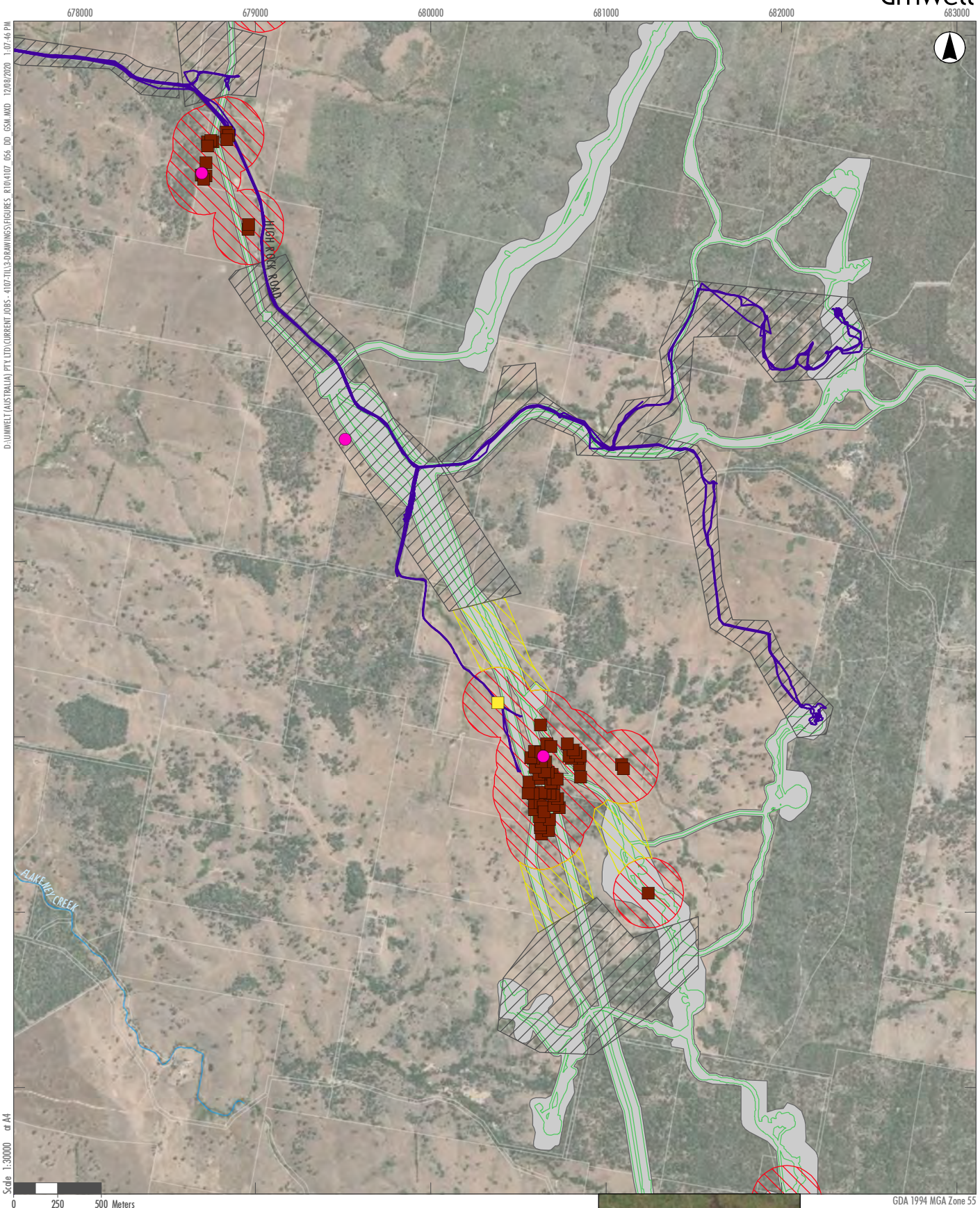

Legend

- Development Corridor - Wind Farm
- Indicative Development Footprint - Wind Farm
- Seasonally Suitable Golden Sun Moth Survey Tracks (Umwelt)
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- Golden Sun Moth Record (NGH)
- Golden Sun Moth Record 200m Buffer
- Habitat Extension
- Golden Sun Moth Habitat Transects (NGH)

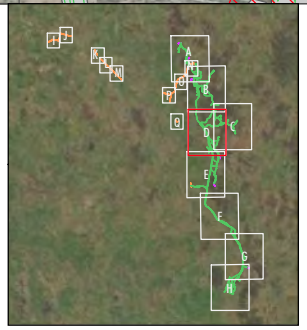
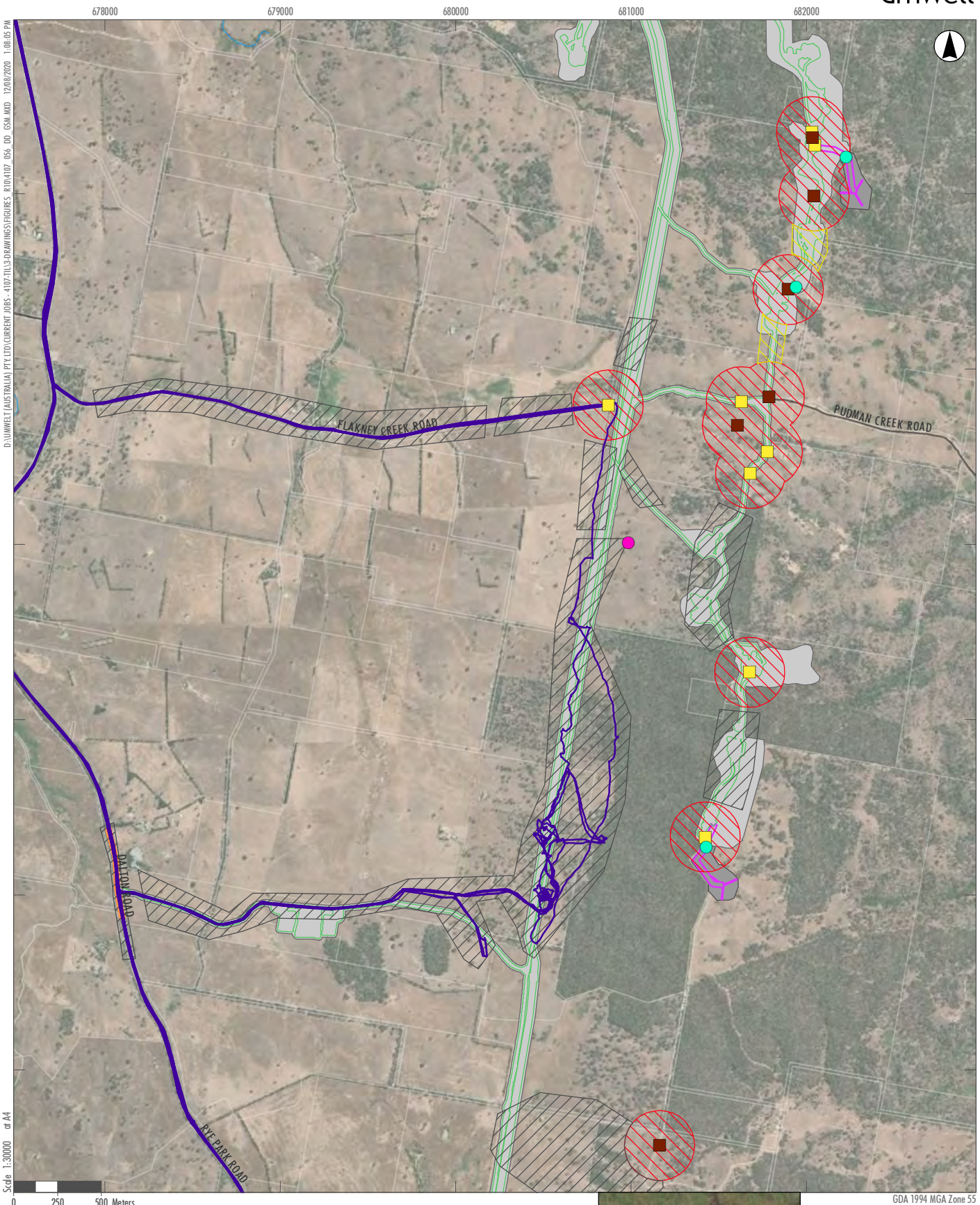


FIGURE 3.1.d

Golden Sun Moth Detailed Analysis

Image Source: ESRI Basemap (2020) Data source: Geoscience Australia; Rye Park Renewable Energy Pty Ltd (2020)



Legend

- Development Corridor - Wind Farm
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- Habitat Extension
- Golden Sun Moth Habitat Transects (Umwelt)
- Golden Sun Moth Habitat Transects (NGH)

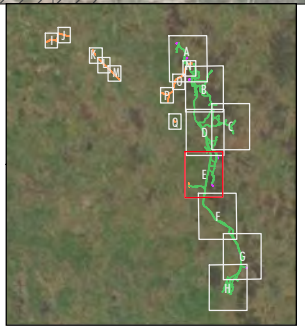
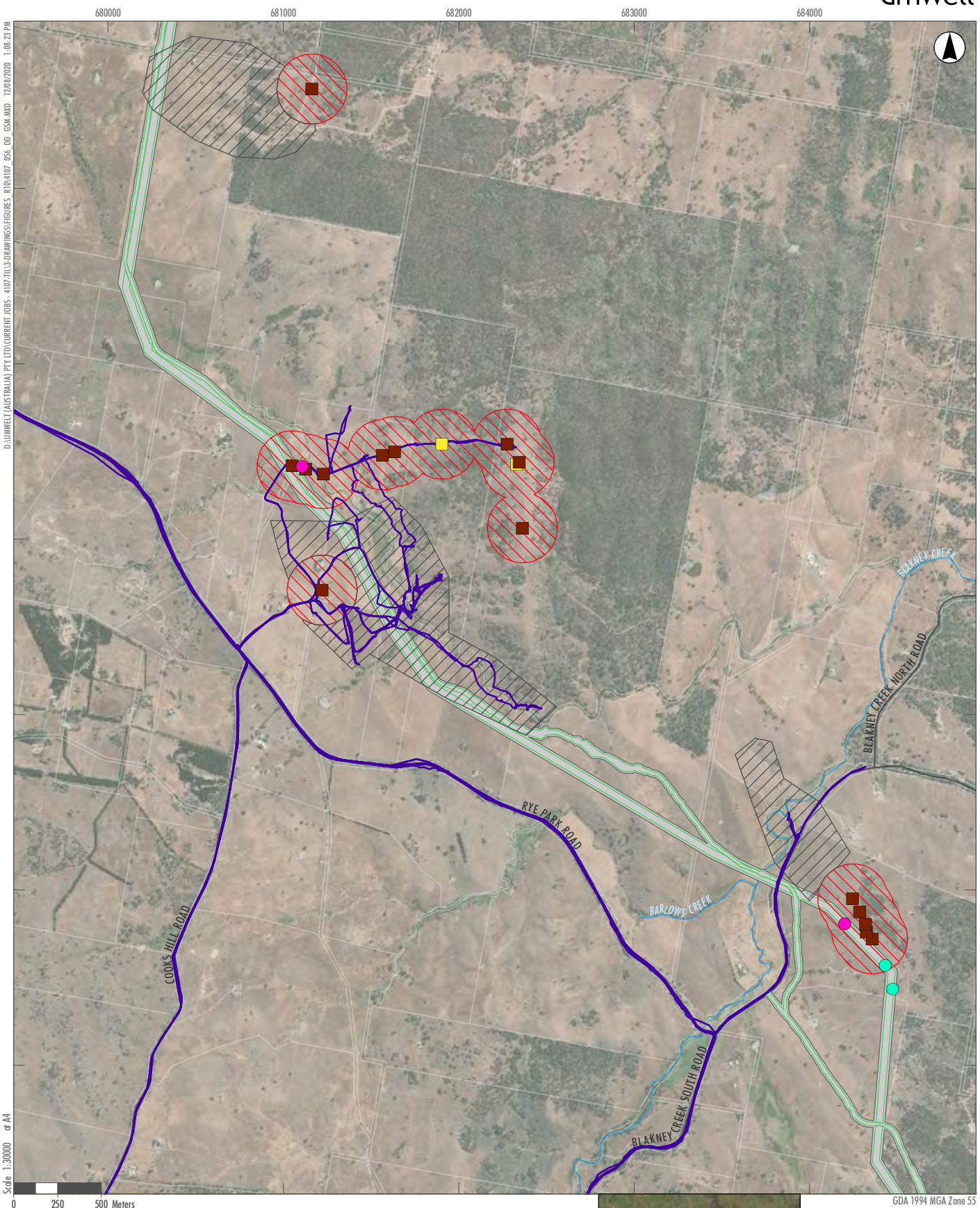


FIGURE 3.1.e

Golden Sun Moth Detailed Analysis

Image Source: ESRI Basemap (2020) Data source: Geoscience Australia; Rye Park Renewable Energy Pty Ltd (2020)



Legend

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- Golden Sun Moth Habitat Transects (NGH)

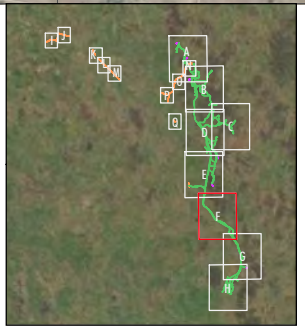
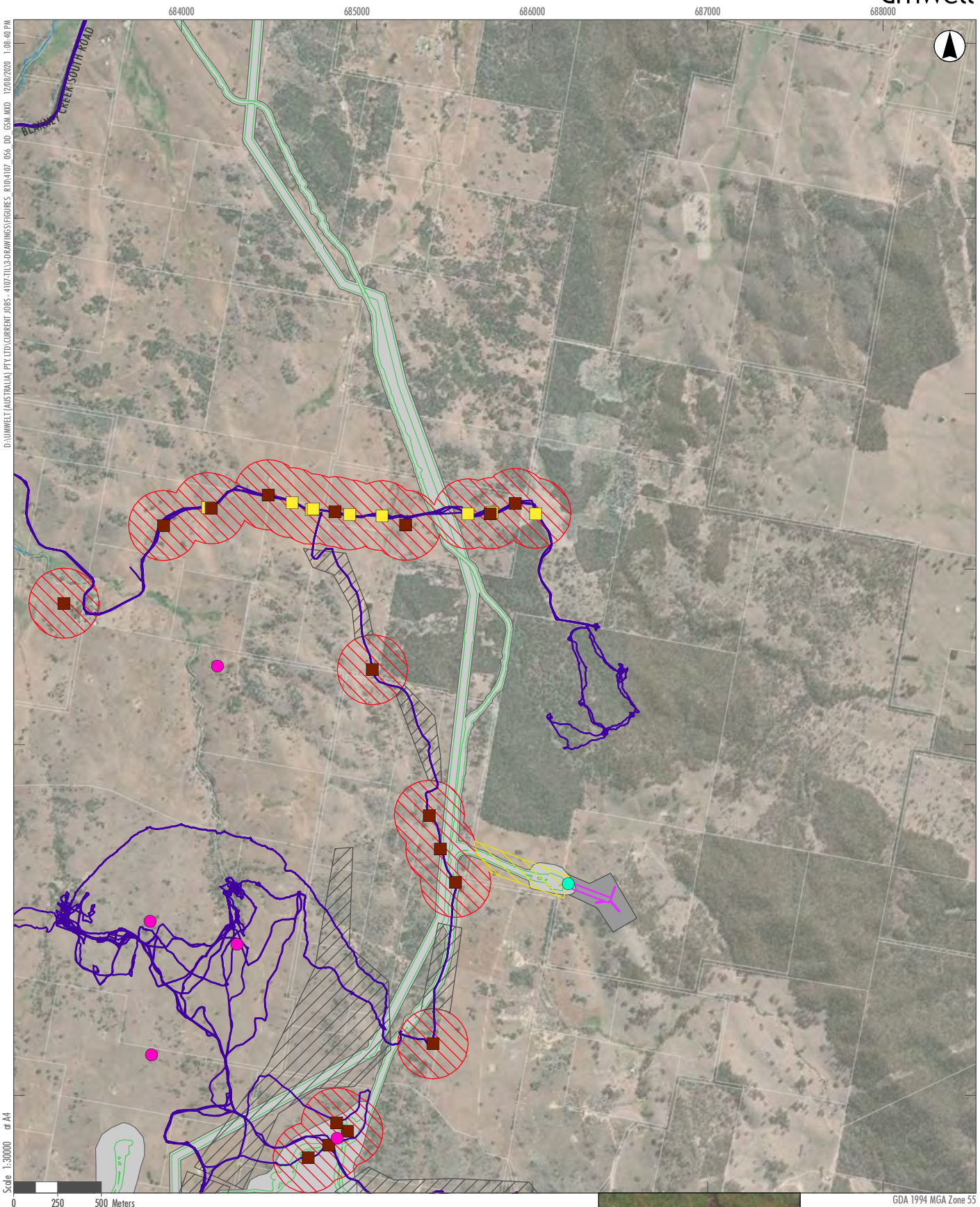


FIGURE 3.1.f

Golden Sun Moth Detailed Analysis

Image Source: ESRI Basemap (2020) Data source: Geoscience Australia; Rye Park Renewable Energy Pty Ltd (2020)



Legend

- Development Corridor - Wind Farm
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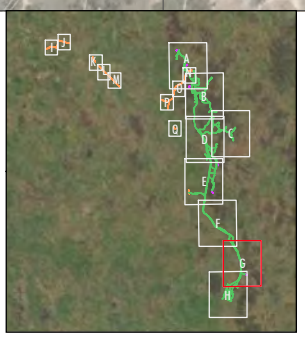

FIGURE 3.1.g

Golden Sun Moth Detailed Analysis

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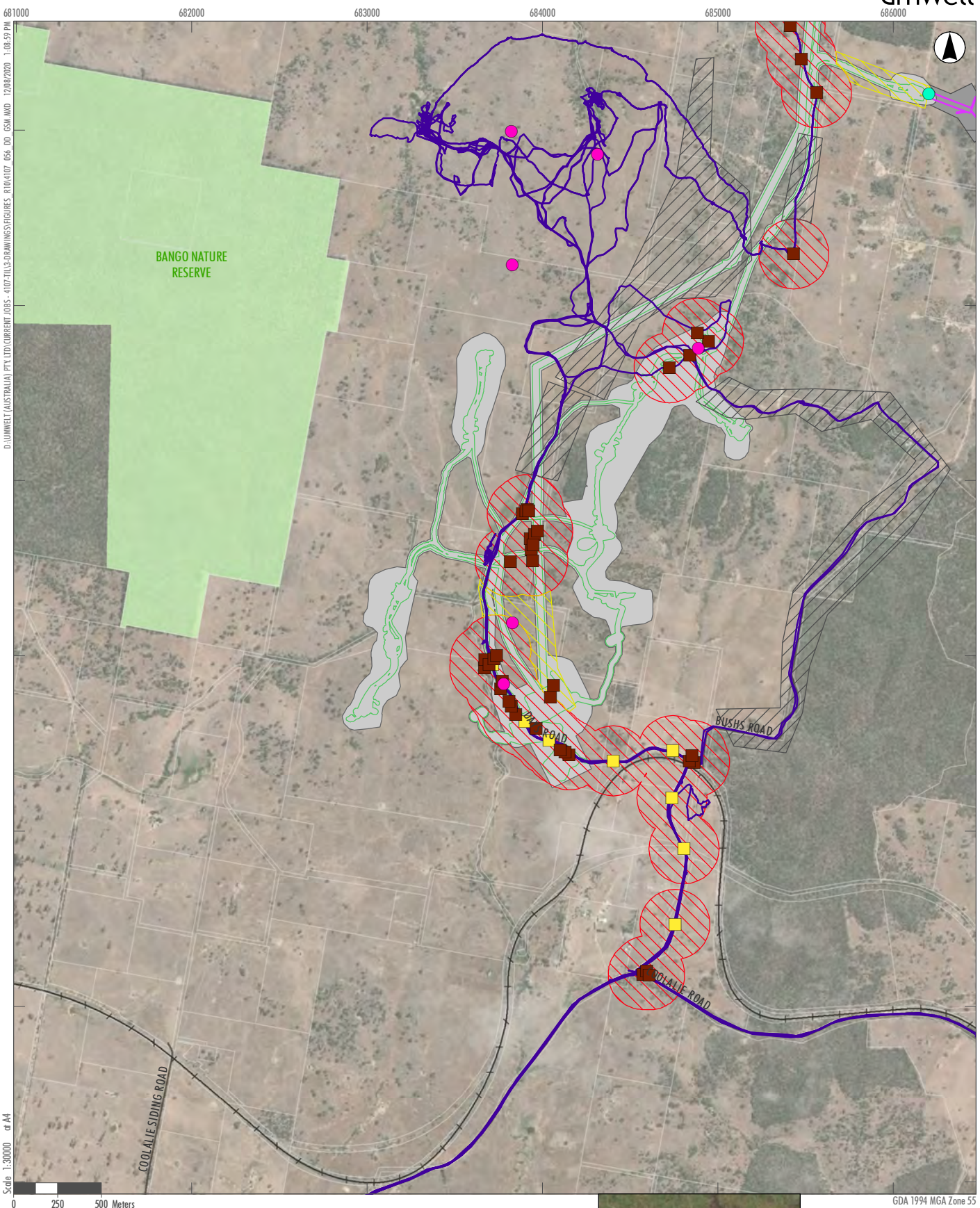

Scale 1:30000 at A4

Legend

- Development Corridor - Wind Farm
- Development Corridor - Permanent Met Masts
- Indicative Development Footprint - Wind Farm
- Indicative Development Footprint - Permanent Met Masts
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- Habitat Extension
- Golden Sun Moth Habitat Transects (Umwelt)
- Golden Sun Moth Habitat Transects (NGH)
- Nature Reserves

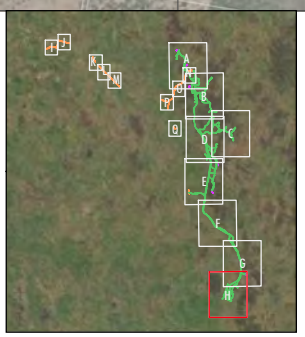


FIGURE 3.1.h

Golden Sun Moth Detailed Analysis

Image Source: ESRI Basemap (2020) Data source: Geoscience Australia; Rye Park Renewable Energy Pty Ltd (2020)

Legend

- Indicative Development Footprint - External Roads
- Seasonally Suitable Golden Sun Moth Survey Tracks (Umwelt)
- Areas Surveyed for Golden Sun Moth - No Records (Umwelt and NGH)

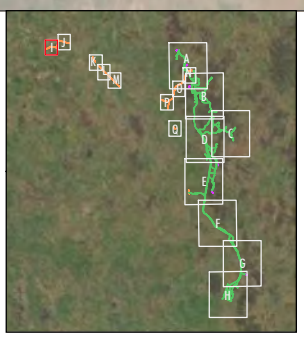


FIGURE 3.1.i

Golden Sun Moth Detailed Analysis

Image Source: ESRI Basemap (2020) Data source: Geoscience Australia; Rye Park Renewable Energy Pty Ltd (2020)

Legend

- Indicative Development Footprint - External Roads
- Seasonally Suitable Golden Sun Moth Survey Tracks (Umwelt)
- Areas Surveyed for Golden Sun Moth - No Records (Umwelt and NGH)

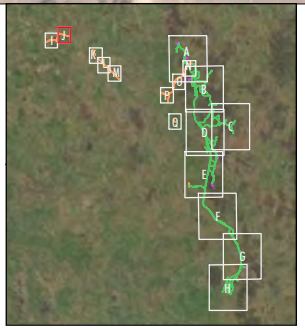
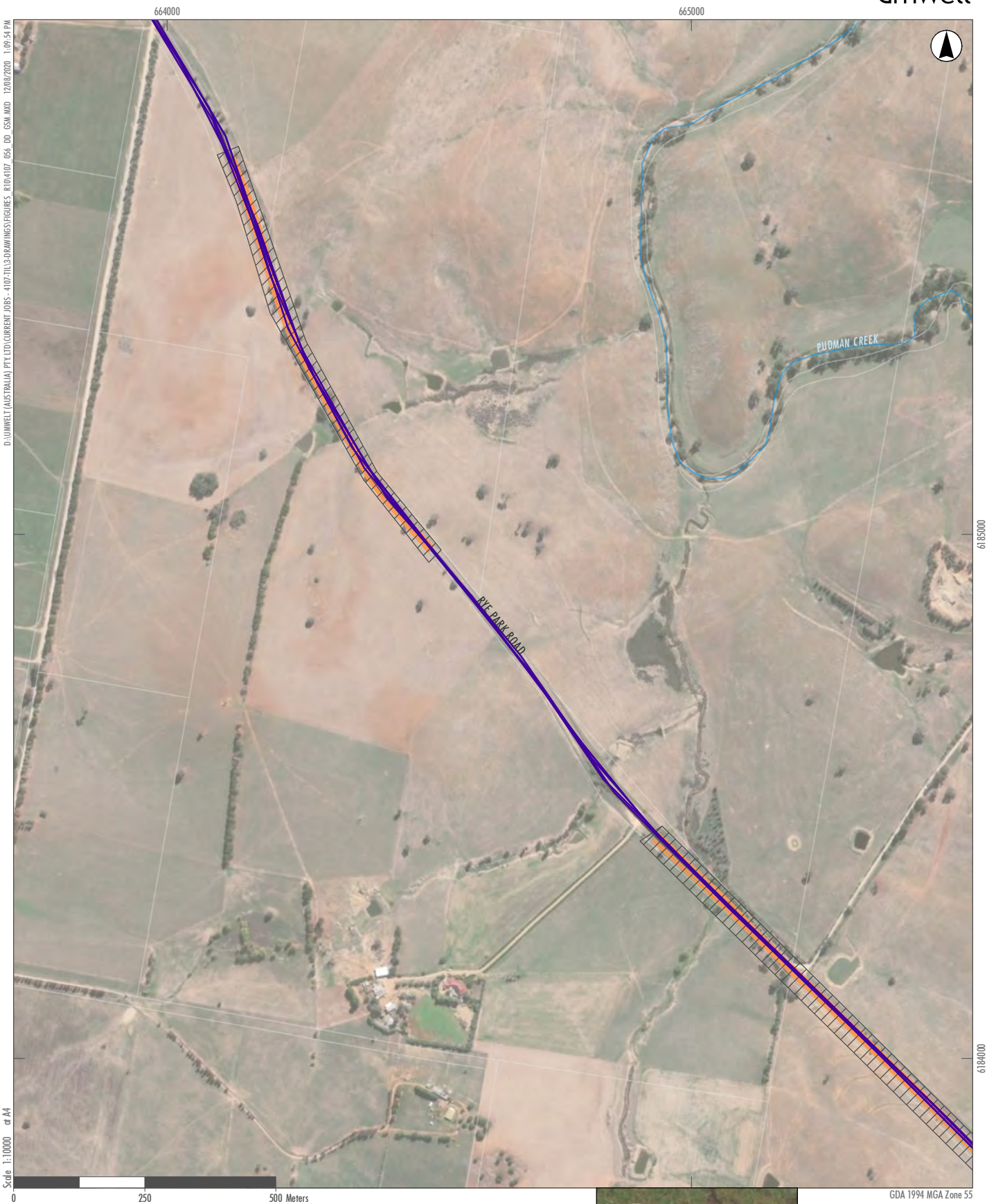


FIGURE 3.1.j

Golden Sun Moth Detailed Analysis

Image Source: ESRI Basemap (2020) Data source: Geoscience Australia; Rye Park Renewable Energy Pty Ltd (2020)



Legend

- Indicative Development Footprint - External Roads
- Seasonally Suitable Golden Sun Moth Survey Tracks (Umwelt)
- Areas Surveyed for Golden Sun Moth - No Records (Umwelt and NGH)

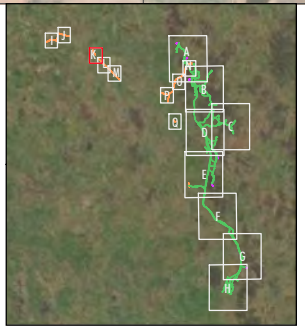


FIGURE 3.1.k

Golden Sun Moth Detailed Analysis

Image Source: ESRI Basemap (2020) Data source: Geoscience Australia; Rye Park Renewable Energy Pty Ltd (2020)

Legend

- Indicative Development Footprint - External Roads
- Seasonally Suitable Golden Sun Moth Survey Tracks (Umwelt)
- Areas Surveyed for Golden Sun Moth - No Records (Umwelt and NGH)

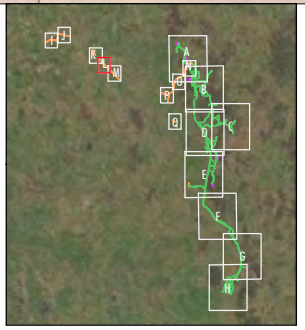


FIGURE 3.1.I

Golden Sun Moth Detailed Analysis

Image Source: ESRI Basemap (2020) Data source: Geoscience Australia; Rye Park Renewable Energy Pty Ltd (2020)

D:\UMWELT (AUSTRALIA) PTY LTD\CURRENT JOBS - 4107-TIL\3-DRAWINGS\FIGURES_R104107_056_DD_GSM.MXD 12/08/2020 1:10:30 PM

Scale 1:10000 at A4

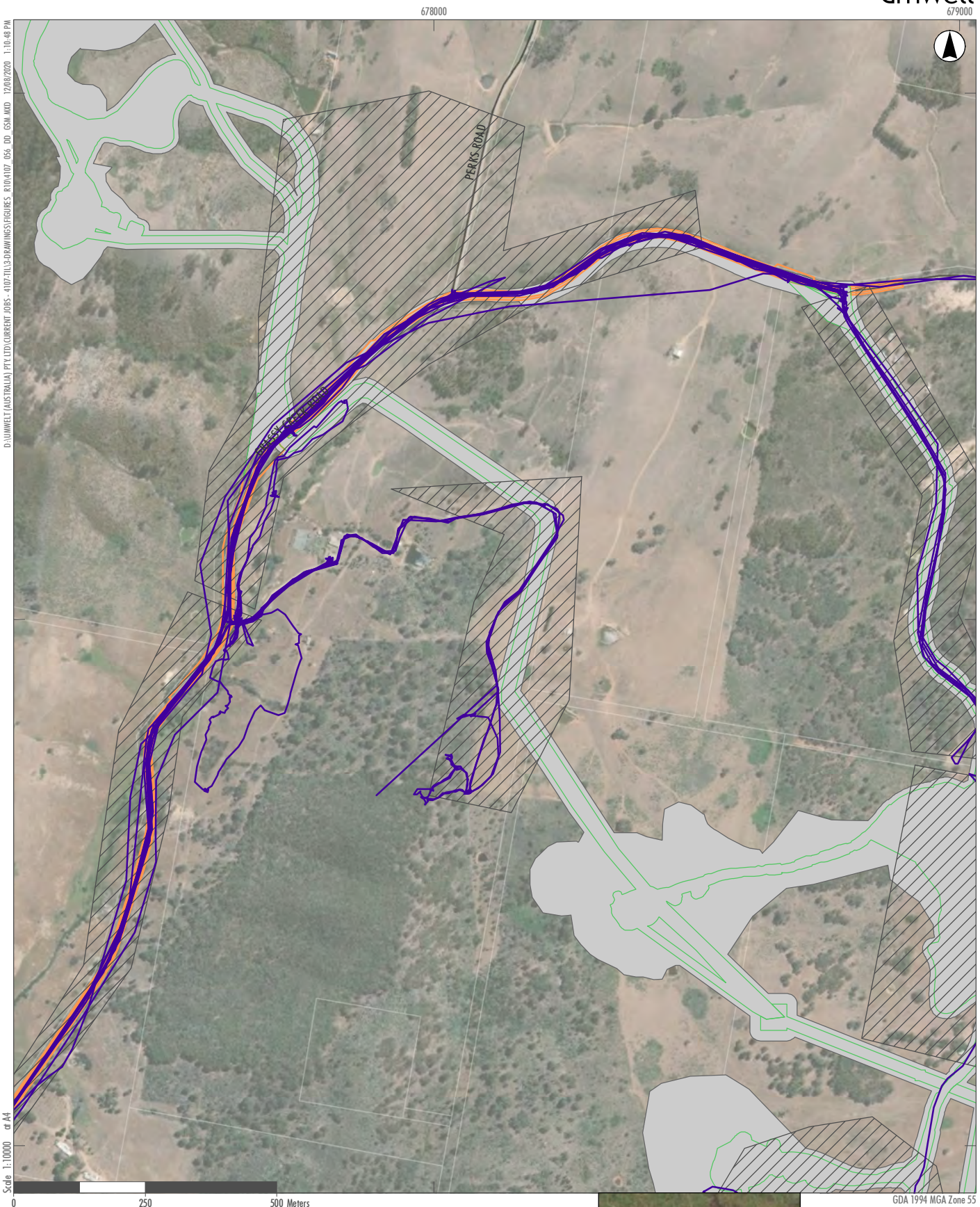
Legend

- Indicative Development Footprint - External Roads
- Seasonally Suitable Golden Sun Moth Survey Tracks (Umwelt)
- Areas Surveyed for Golden Sun Moth - No Records (Umwelt and NGH)

FIGURE 3.1.m

Golden Sun Moth Detailed Analysis

Image Source: ESRI Basemap (2020) Data source: Geoscience Australia; Rye Park Renewable Energy Pty Ltd (2020)



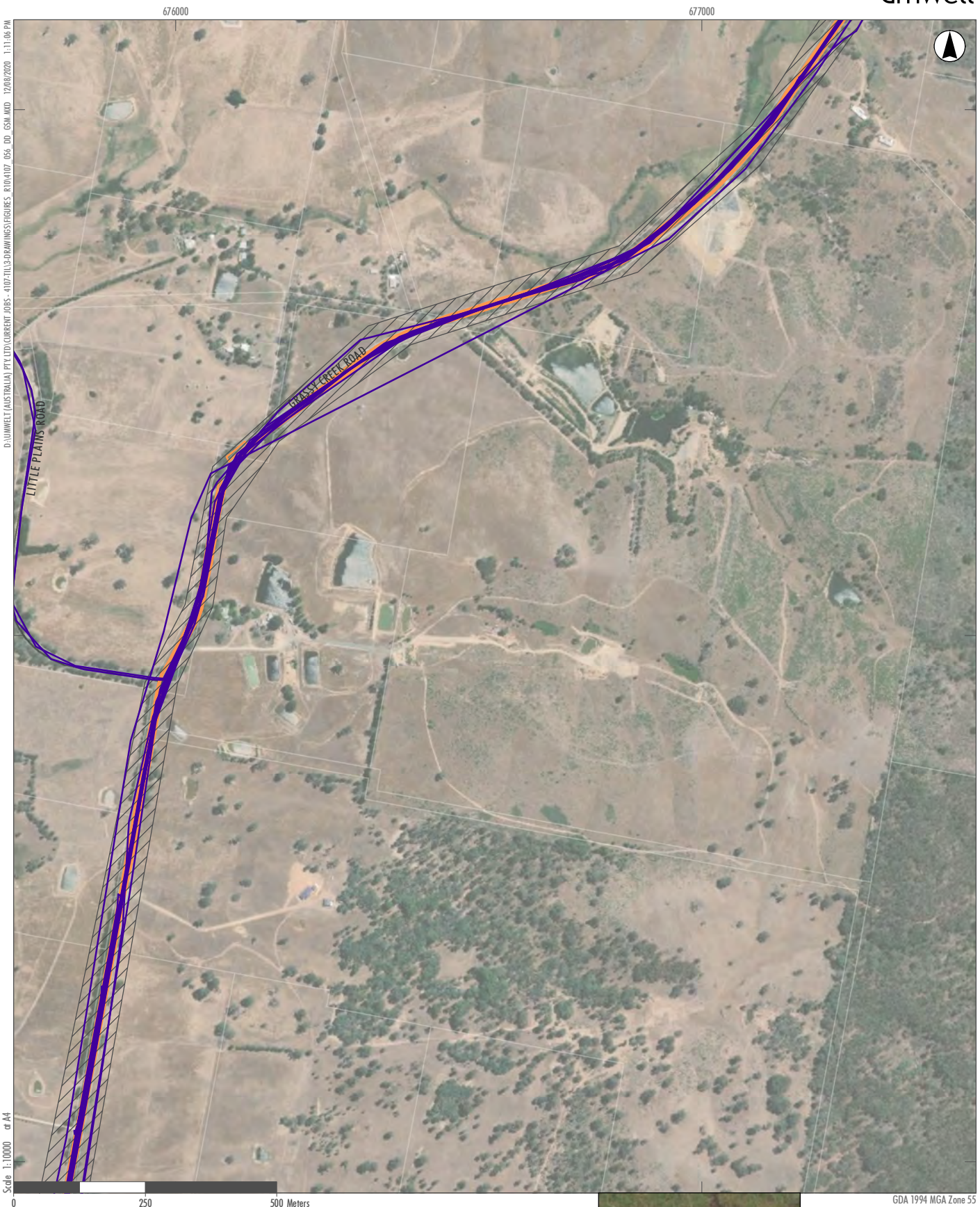
Legend

- Development Corridor - Wind Farm
- Indicative Development Footprint - Wind Farm
- Indicative Development Footprint - External Roads
- Seasonally Suitable Golden Sun Moth Survey Tracks (Umwelt)
- Areas Surveyed for Golden Sun Moth - No Records (Umwelt and NGH)

FIGURE 3.1.n

Golden Sun Moth Detailed Analysis

Image Source: ESRI Basemap (2020) Data source: Geoscience Australia; Rye Park Renewable Energy Pty Ltd (2020)



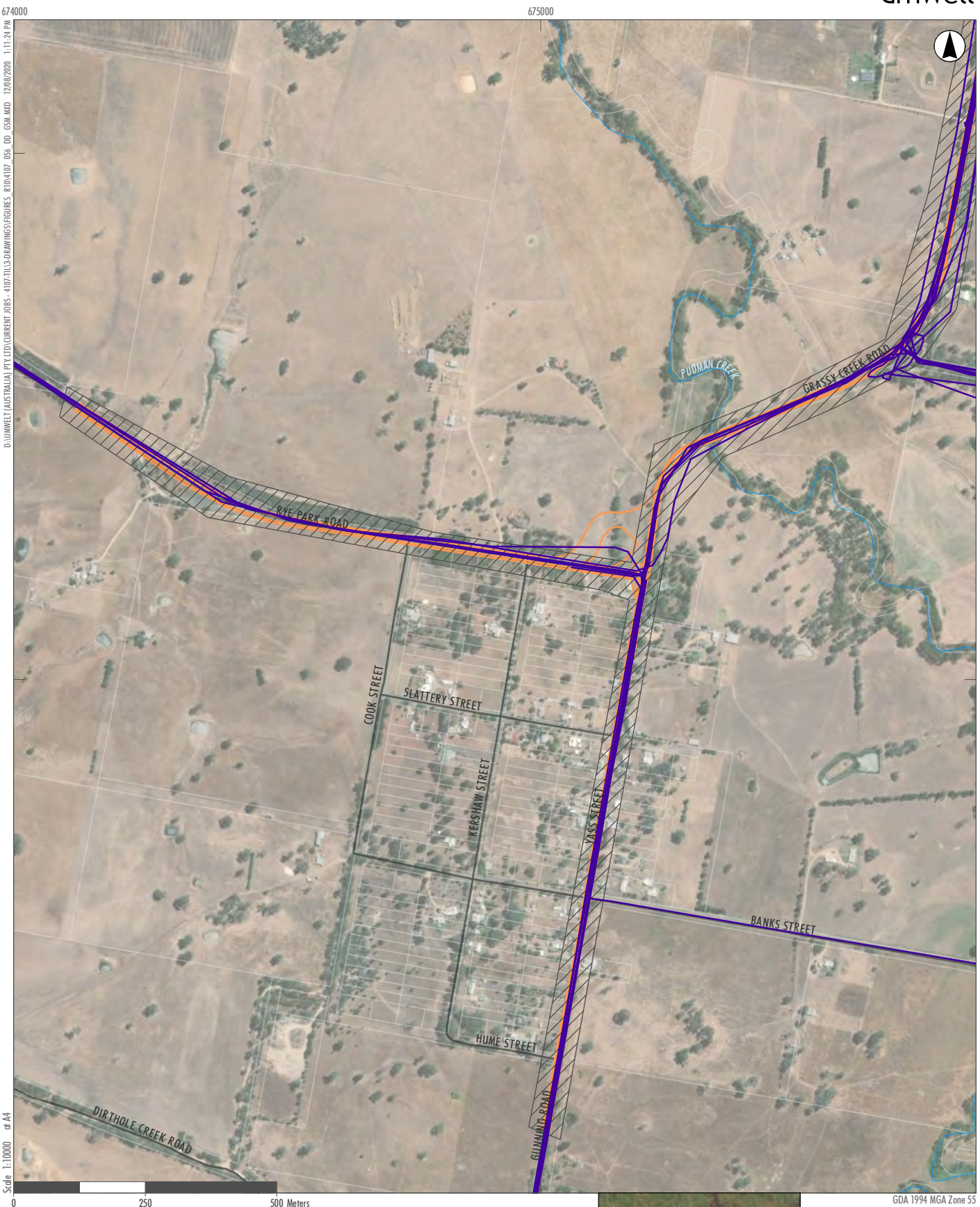
Legend

- Indicative Development Footprint - External Roads
- Seasonally Suitable Golden Sun Moth Survey Tracks (Umwelt)
- Areas Surveyed for Golden Sun Moth - No Records (Umwelt and NGH)

FIGURE 3.1.o

Golden Sun Moth Detailed Analysis

Image Source: ESRI Basemap (2020) Data source: Geoscience Australia; Rye Park Renewable Energy Pty Ltd (2020)



Scale 1:10000 at A4

Legend

- Indicative Development Footprint - External Roads
- Seasonally Suitable Golden Sun Moth Survey Tracks (Umwelt)
- Areas Surveyed for Golden Sun Moth - No Records (Umwelt and NGH)

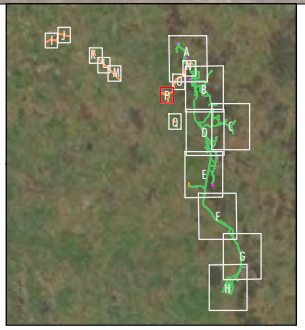


FIGURE 3.1.p

Golden Sun Moth Detailed Analysis

Image Source: ESRI Basemap (2020) Data source: Geoscience Australia; Rye Park Renewable Energy Pty Ltd (2020)

Legend

- Indicative Development Footprint - External Roads
- Seasonally Suitable Golden Sun Moth Survey Tracks (Umwelt)
- Areas Surveyed for Golden Sun Moth - No Records (Umwelt and NGH)

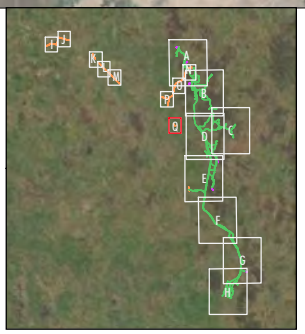


FIGURE 3.1.q

Golden Sun Moth Detailed Analysis

Image Source: ESRI Basemap (2020) Data source: Geoscience Australia; Rye Park Renewable Energy Pty Ltd (2020)

There are substantial areas of DNG which were not surveyed. How much of Vegetation Zone 3 was subject to GSM survey either by NGH or Umwelt needs to be clarified.

Substantial areas of Vegetation Zones 3 and 4 were subject to surveys in suitable seasonal requirements for the GSM (**Figure 3.1**). However, following the BCD submission, a further detailed analysis of existing information for the GSM has been undertaken.

The analysis included a complete review of the extent of surveys completed for the Project in suitable seasonality by Umwelt and NGH Environmental. This included an analysis of the floristic composition and structure of all Umwelt BAM Plots within Vegetation Zone 4 (PCT 350 DNG), Vegetation Zone 6 (PCT 351 DNG) and Vegetation Zone 10 (Non-native Vegetation), including consideration of whether they occur within 200 m of a known record or not. It also included an analysis of the results of targeted GSM habitat transects completed by both Umwelt and NGH Environmental (NGH Environmental 2016a), including consideration of whether they occur within 200 metres of a known record or not.

The analysis presented below in **Table 3.1, Table 3.2** and **Table 3.3** found significant variability in the degree of association between the proportion of dominance of wallaby grasses (*Rytidosperma* spp.) and the presence or absence of GSM records. Typically, GSM records did occur within patches of DNG that support higher proportions of wallaby grasses (*Rytidosperma* spp.). However there are also records of GSM in patches of DNG with limited cover of wallaby grasses (*Rytidosperma* spp.).

Proportion of *Rytidosperma* spp. cover in BAM Vegetation Integrity Plots within the GSM Species Polygon ranged from 0.41% – 58.85%, while for those outside the GSM Species Polygon the range was 0% - 81.63%.

The proportion of *Rytidosperma* spp. cover in Umwelt GSM Habitat transects within the GSM Species Polygon ranged from 9.46% - 33.33%, while for those outside the GSM Species Polygon the range was 4.26% - 33.33%. Similarly, the same ranges for those transects completed by NGH were 17.14% - 51.43% for those within the GSM Species Polygon and 2.63% - 57.14% for those outside the GSM Species Polygon.

Table 3.1 Analysis of Umwelt BAM Vegetation Integrity Plots for GSM Habitat

	Grass/Grass Like (%)	Forbs (%)	Ferns (%)	Other (%)	Exotic (%)	Total (%)	Rytidosperma spp. (%)	Proportion of Rytidosperma (%)	Proximity to GSM Record	Has the locality been surveyed in season
PCT 350 DNG (Vegetation Zone 4)										
Q11	49	5.2	0	0	16	70.2	18	25.64	In Species Polygon	Yes
Q32	70.2	1	0	0	21.3	92.5	0.5	0.54	Outside Species Polygon (~700m)	Yes
DMRP3	72.5	1.3	0	0.2	0.4	74.4	5	6.72	Outside Species Polygon (~800m)	No
4107Jan02	44.8	3.3	1	0	6.8	55.9	2	3.58	Outside Species Polygon (>5km)	Yes
4107Feb03	5.5	0	0	0	5.3	10.8	0.3	2.78	Outside Species Polygon (>2km)	Yes
PCT 351 DNG (Vegetation Zone 6)										
Q21	31.4	1	0	0	37	69.4	25	36.02	Outside Species Polygon (~250m)	Yes
Q30	36.8	0.8	0	0	1.4	39	20	51.28	In Species Polygon	Yes
Q12	54.8	10.1	0	0	19	83.9	25	29.80	Outside Species Polygon (~300m)	No
Q14	50	1.6	0	0	53.8	105.4	15	14.23	Outside Species Polygon (~400m)	No
DMRP2	61	0.3	0	0	15.3	76.6	15	19.58	Outside Species Polygon (~900m)	No
4107Feb04	48.4	0.2	0	0	0.4	49	40	81.63	Outside Species Polygon (~2km)	Yes
J1	77.6	0.5	0.1	0	46.4	124.6	40	32.10	Outside Species Polygon (~600m)	Yes
J2	62.4	0.2	1	0	10	73.6	28	38.04	Outside Species Polygon (~2km)	No
J8	56.31	0.7	0	0	3.1	60.11	28	46.58	Outside Species Polygon (~400m)	No
J7	90.1	0.1	0	0	12.6	102.8	60.5	58.85	In Species Polygon	Yes

	Grass/Grass Like (%)	Forbs (%)	Ferns (%)	Other (%)	Exotic (%)	Total (%)	Rytidosperma spp. (%)	Proportion of Rytidosperma (%)	Proximity to GSM Record	Has the locality been surveyed in season
Non-Native Vegetation (Vegetation Zone 10)										
J6	28.3	0.1	0	0	52.6	81	1.5	1.85	In Species Polygon	Yes
J5	1.7	0	0	0	95	96.7	0.4	0.41	In Species Polygon	Yes
7	0.3	0.2	0	0	93.4	93.9	0	0.00	Outside Species Polygon (~700m)	Yes
5	0.2	0.3	0	0	101.2	101.7	0	0.00	Outside Species Polygon (~350m)	Yes
P01	11	2	0	0	99	112	4	3.57	Outside Species Polygon (~10km)	Yes
P02	3	5	0	0	103	111	0	0.00	Outside Species Polygon (~13km)	Yes
P04	4	0	0	0	58	62	3	4.84	Outside Species Polygon (~3km)	Yes

Table 3.2 Analysis of Umwelt Targeted GSM Habitat Transect

	Umwelt Vegetation Zone	Forb	Shrub	Sedge	Rytidosperma	Stipa	Elymus	Panicum	Dichelachne	Bothriochloa	Themeda	Microlaena	Aristida	Joycea	Poa	Perennial Grass	Exotic Perennial Grass	Exotic Annual Grass	Clover	Exotic Forb	Noxious Weed	Total %	% Rytidosperma	Proximity to GSM Record	Has the locality been surveyed in season
1	VZ6	0	0	2	28	0	0	0	0	0	0	48	0	0	0	0	0	2	52	8	0	140	20.00	Outside Species Polygon (~800m)	Yes
2	VZ6	0	0	0	18	24	0	0	0	0	0	12	0	0	0	0	0	0	32	54	0	140	12.86	Outside Species Polygon (~800m)	Yes
3	VZ6	4	0	4	26	18	0	0	0	0	0	28	0	0	0	0	0	0	6	6	0	92	28.26	In Species Polygon	Yes
4	VZ6	6	0	0	36	2	0	0	0	0	0	16	2	0	0	0	0	0	24	22	0	108	33.33	Outside Species Polygon (~1.5km)	No
5	VZ6	30	0	0	36	0	0	0	0	0	0	14	0	0	0	20	0	0	44	26	0	170	21.18	In Species Polygon	Yes
6	VZ6	30	0	0	26	0	0	0	0	0	0	56	0	0	0	4	0	0	0	4	0	120	21.67	In Species Polygon	Yes
7	VZ6	0	0	0	24	0	0	0	0	0	0	44	0	0	0	2	0	0	2	0	0	72	33.33	In Species Polygon	Yes
8	VZ10	8	0	0	14	0	0	0	0	0	0	0	0	0	0	2	0	0	82	42	0	148	9.46	In Species Polygon	Yes

	Umwelt Vegetation Zone	Forb	Shrub	Sedge	Rytidosperma	Stipa	Elymus	Panicum	Dichelachne	Bothriochloa	Themeda	Microlaena	Aristida	Joycea	Poa	Perennial Grass	Exotic Perennial Grass	Exotic Annual Grass	Clover	Exotic Forb	Noxious Weed	Total %	% Rytidosperma	Proximity to GSM Record	Has the locality been surveyed in season
9	VZ10	0	0	0	34	0	0	0	0	0	0	18	0	0	0	0	0	2	48	18	0	120	28.33	In Species Polygon	Yes
10	VZ10	0	0	0	4	42	0	0	0	0	0	0	0	0	0	0	0	0	2	46	0	94	4.26	Outside Species Polygon (~100m)	Yes
11	VZ6	6	0	0	30	0	0	0	0	0	0	40	0	0	0	0	0	0	20	2	0	98	30.61	Outside Species Polygon (~400m)	No

Table 3.3 Analysis of NGH Targeted GSM Habitat Transect

NGH	Umwelt Vegetation Zone	Forb	Shrub	Sedge	Rytidosperma	Stipa	Elymus	Panicum	Dichelachne	Bothriochloa	Themeda	Microlaena	Aristida	Joycea	Poa	Exotic P Grass	Exotic A Grass	Clover	Exotic Forb	Noxious Weed	Total %	% Rytidosperma	Proximity to GSM Record
T1	VZ6	0	0	4	36	0	0	0	0	0	0	6	0	0	0	2	0	6	16	0	70	51.43	In Species Polygon
T2	VZ4	2	0	4	24	6	4	0	0	0	0	20	0	0	0	0	2	2	2	0	66	36.36	In Species Polygon
T3	VZ6	0	0	4	23	6	4	0	0	0	0	6	0	0	0	0	0	4	2	0	49	46.94	In Species Polygon
T4	VZ6	0	0	0	18	11	0	0	0	0	0	22	0	0	0	0	0	0	0	0	51	35.29	In Species Polygon
T5	VZ4	0	0	10	7	0	0	0	0	0	40	2	2	0	0	0	0	0	0	0	61	11.48	Outside Species Polygon (~1km)
T6	VZ4	2	0	4	8	0	2	0	0	0	18	18	0	0	0	0	6	14	0	0	72	11.11	Outside Species Polygon (~1km)
T7	VZ4	0	0	2	20	4	4	0	0	0	6	2	0	0	0	0	0	22	0	0	60	33.33	Outside Species Polygon (~1km)
T8	VZ4	2	4	12	6	2	0	0	0	0	0	4	6	0	4	0	0	0	0	0	40	15.00	Outside Species Polygon (~500m)
T9	VZ6	0	0	2	32	6	0	0	0	0	0	2	12	0	0	2	0	12	0	0	68	47.06	In Species Polygon

NGH	Umwelt Vegetation Zone	Forb	Shrub	Sedge	Rytidosperma	Stipa	Elymus	Panicum	Dichelachne	Bothriochloa	Themeda	Microlaena	Aristida	Joycea	Poa	Exotic P Grass	Exotic A Grass	Clover	Exotic Forb	Noxious Weed	Total %	% Rytidosperma	Proximity to GSM Record
T10	VZ4	0	0	0	12	2	0	0	0	0	0	0	0	0	0	32	0	20	4	0	70	17.14	In Species Polygon
T11	VZ4	0	0	20	16	2	0	0	0	0	0	20	0	0	0	0	0	4	4	0	66	24.24	Outside Species Polygon (~400m)
T12	VZ10	0	0	6	22	2	0	0	0	0	0	12	0	0	0	0	0	16	0	0	58	37.93	In Species Polygon
T13	VZ10	0	0	0	24	4	0	0	0	0	0	6	0	0	0	0	0	8	0	0	42	57.14	Outside Species Polygon (~1km)
T14	VZ6	0	0	18	14	0	0	0	0	0	0	10	0	14	0	0	0	14	0	0	70	20.00	In Species Polygon
T15	VZ6	0	0	14	2	0	0	0	0	0	0	44	0	14	0	0	0	0	2	0	76	2.63	Outside Species Polygon (~1km)

Through consideration of the large amount of data and surveys completed across the Indicative Development Footprints, across multiple years, including records of GSM and an absence of GSM records, Umwelt have revised the species polygon mapping for the GSM. As noted above, this process included the consideration of 200 m buffers around the previously overlooked NGH Environmental GSM records from 2014 (NGH Environmental 2016). Umwelt also considered the location and distribution of existing GSM records and extended the coverage of the species polygon for the species where there were records in proximity to each other and a continuation of habitat between the records. The outcome of this approach means that some areas of the species polygons extend further than the 200 m buffers, which is achievable for the species through continuation of the habitat.

Based on the detailed analysis of Vegetation Zone 3 (PCT 350 DNG), Vegetation Zone 4 (PCT 351 DNG) and Vegetation Zone 10 (Non-native Vegetation) there is variability within these patches with regard to the proportion of wallaby grasses (*Rytidosperma* spp.) cover. Because of this, it is unreasonable to apply a species polygon for the GSM across all patches of DNG within the Project, as this would represent an inaccurate and misleading impact on the species.

The previous version of the BDAR (Umwelt 202a) reported 27.55 hectares occurred within the Indicative Development Footprints and would therefore be impacted by the Project. Through the further analysis described above and detailed revision of mapping for the GSM, there is now 43.20 hectares of GSM habitat (species polygon) within the Indicative Development Footprints. This occurs in the Indicative Development Footprints entirely. Within the Development Corridors, there is a total of 113.89 hectares of GSM habitat (species polygon), resulting in 70.69 hectares persisting following construction of the Project.

BCD also notes that the Applicant has included 'A radius of 15 kilometres west of Binalong and eastwards to the subregion's eastern-most boundary; and in a radius of 15 kilometres from Tumut' as a habitat constraint. This habitat constraint for GSM is not listed in the Threatened Biodiversity Data Collection (TBDC) so it should not be used to limit survey.

Both of these attributes are identified within the BAMCC, they were not referenced from the TBDC and were not used to limit survey.

The former has been checked in the BAMCC as the Indicative Development Footprints do occur eastward from Binalong to the subregion's eastern-most boundary.

The latter is not applicable and will be deselected within the BAMCC.

3.2.2 Little eagle

This submission was discussed with BCD on Tuesday 23 June 2020 in a meeting between Umwelt, Tilt Renewables and BCD.

With regard to other species; an explanation is required as to why Little Eagle credits have not been calculated given that:

a. Two individuals were detected, within and near the development footprint. Little Eagle is considered a high risk species and there are multiple records of Little eagles being hit by turbines.

b. The only habitat listed in the TBDC 'Nest trees - live (occasionally dead) large old trees within vegetation this habitat exists onsite.'

While the species was recorded, no potential, suitable, or confirmed stick nest sites were identified. Therefore, no species polygon has been prepared for the little eagle and no credits have been generated.

The BDAR needs to include information on what, if any, areas within the development footprint were subject to targeted survey for stick nest sites.

The TBDC profile for this species notes its seasonal survey requirement as being August to October. As noted in Section 2.3.3 and Appendix B of the revised BDAR (Umwelt 2020b) multiple surveys have been completed for the Project within these months. Suitable surveys include October 2011, October 2014, September and October 2017, October 2018, and August and September 2019.

In addition to these surveys meeting suitable seasonal requirements, extensive surveys have been completed for the Project, across multiple years (2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019 and 2020). Large raptor nests have always been a focus of any surveys on this project given the susceptibility of raptors to blade strike. The full survey effort is considered suitable for this species.

While the species was recorded, no potential, suitable, or confirmed stick nest sites were identified.

3.2.3 White-throated needletail

Similarly, Table 3.1 of Appendix E in the updated Operational Bird and Bat Impact Assessment, detected White-throated Needletail in the Project Area which is a species credit species. However, this detection did not generate a species credit obligation. Either the obligation needs to be included in the BDAR or an explanation given.

Umwelt acknowledges that the white-throated needletail is a species-credit species. White-throated needletails were recorded on 16 occasions in the Project Area during February and March 2019 in flocks of up to 55 individuals. All observations were of birds flying within the current proposed RSA height. The majority of white-throated needletails were observed between 40-80 m Above Ground Level (AGL) with 159/172 (92%) of individuals recorded in this height range.

It is not clear as to what measure should be used to create a species polygon for the white-throated needletail. Being an aerial species, the Project is unlikely to modify, destroy, remove, isolate or decrease the availability or quality of habitat for the white-throated needletail such that the species is likely to decline. Rather, the Project will modify the airspace of the main NNW-SSE aligned ridge on which the Project is located such that white-throated needletail may be at risk of mortality resulting from blade strike whilst foraging at, or dispersing through, this area.

The TBDC profile for the species (2020b) does not provide any guidance about any habitat types or habitat features that should be used to support identifying a species polygon. Furthermore, no PCTs are identified as being linked to the species.

Any species polygon being assigned within the BAMCC needs to be attached to existing vegetation zones, the Vegetation Integrity score of this vegetation zone and the size of the species polygon is then used to calculate the species credits. Such an approach is not appropriate for the white-throated needletail as the species is not utilising the vegetation zones.

In consideration of the above information, a species polygon cannot be prepared for this species in accordance with the requirements of Section 6.4.1.30 of the BAM.

3.2.4 Crimson spider orchid

Finally, we note that while Crimson Spider Orchid was not detected, there were only two surveys (September 2017 and 2019) which occurred within the required timeframe indicated by the TBDC. Previous surveys undertaken by NGH were outside the narrow flowering window for this species. Unfortunately, both September surveys were during drought conditions when flowering events for this species were down state-wide. Additional targeted survey for Crimson Spider Orchid should occur in the coming flowering season to inform the Applicant's species credit obligation.

This submission was discussed with BCD on Tuesday 23 June 2020 in a meeting between Umwelt, Tilt Renewables and BCD.

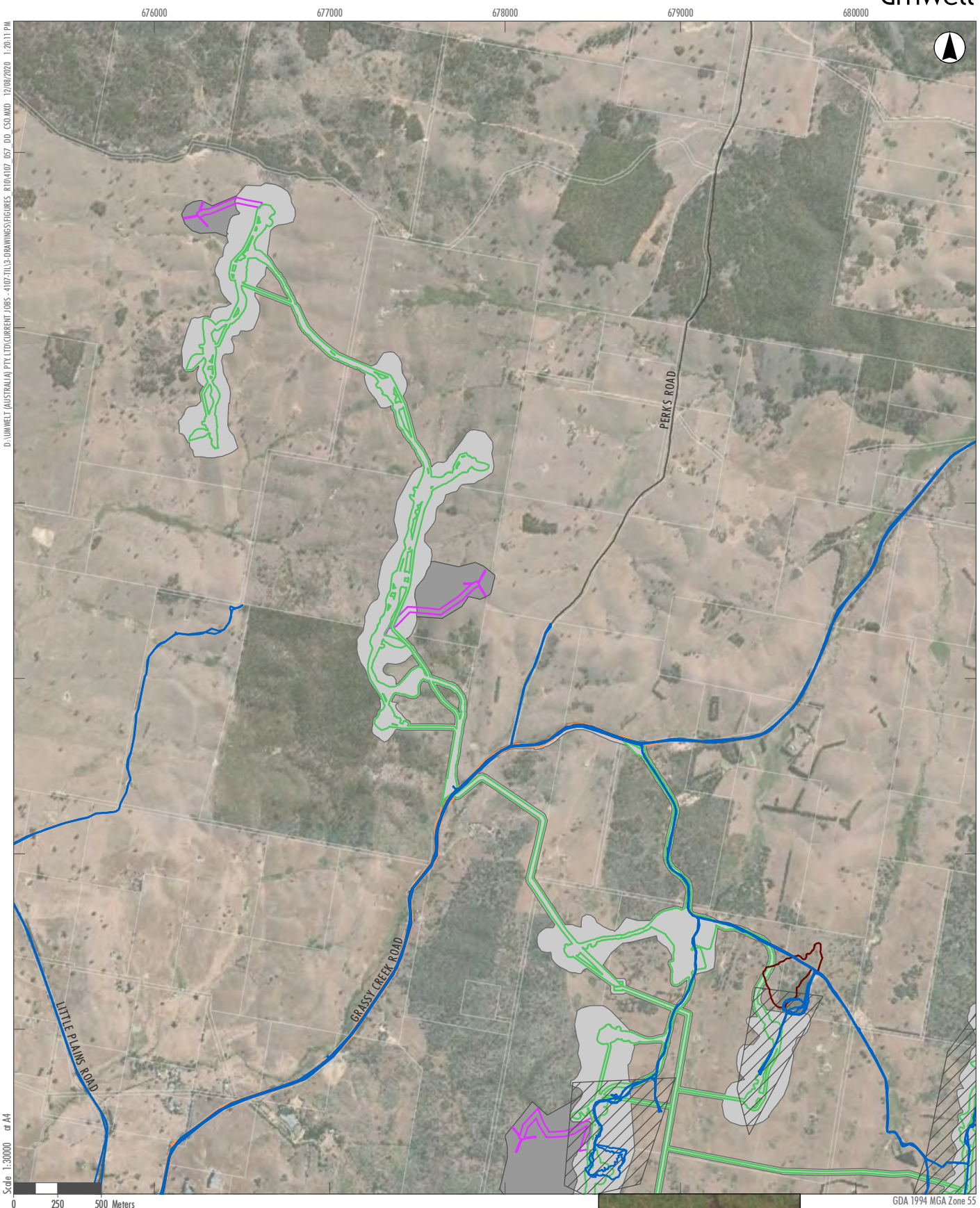
NGH Environmental completed two separate targeted surveys for crimson spider orchid (*Caladenia concolor*) as a result of previous submissions made by BCD.

The first targeted survey event was described in Appendix C.2. of the Biodiversity Assessment Addendum (NGH 2016a). This document describes that the single crimson spider orchid recorded in Bango Nature Reserve occurred on 7 October 2013. Habitat for the crimson spider orchid within Bango Nature Reserve was completed on 16 September 2014 with NGH Environmental, Australian Native Orchid Society and a species expert from Head of the Flora and Vegetation Management Unit – Southern Region and BCD. Following this, targeted searches were conducted by NGH Environmental and Epuron between 7 – 9 October 2014 in potential habitat identified for the species within the Project (**Figure 3.2**). This timing is in line with when the Bango Nature Reserve record was made in 2013. Targeted surveyed involved walked parallel transects approximately 10 metres apart. No crimson spider orchid individuals were recorded.

The second targeted survey event was described in a letter dated 11 October 2016 (NGH Environmental 2016b). On 28 September 2016 additional targeted surveys were completed to meet the requirements of the additional mitigation measure recommended in the Biodiversity Assessment Addendum (NGH 2016a) (**Figure 3.2**). It is noted that 2015 targeted surveys for the crimson spider orchid were not undertaken as BCD had confirmed that the species record in Bango Nature Reserve did not flower in 2015. The timing of the September 2016 targeted surveys in the Project was based on correspondence with BCD who advised that surveys should be completed during the last week of September. Further advice from BCD noted that the crimson spider orchid was flowering at "all known populations" as of 29 September 2016 (NGH Environmental 2016). It is assumed that this statement includes the Bango Nature Reserve. The methodology for the 2016 targeted crimson spider orchid surveys replicated those of the 2014 survey, including walked parallel transects approximately 10 metres apart. No crimson spider orchids were recorded.

Umwelt then completed targeted surveys for the species between 27 and 29 September 2017 (**Figure 3.2**). Prior to completing these surveys, Umwelt consulted with BCD to confirm habitat requirements and timing of the proposed surveys. The consultation supported the proposed survey dates and noted that survey effort should prioritise habitat closest to the reserve as the likelihood of the species occurring will decrease as distance from the Bango Nature Reserve increases. This was noted given that the Bango Nature Reserve record is already a very disjunct record itself. Additional surveys have also been completed by Umwelt between 23 and 25 September 2019 (**Figure 3.2**). No crimson spider orchid individuals were recorded.

No crimson spider orchid records have been made within the Indicative Development Footprint despite targeted surveys being completed in 2014, 2016, 2017 and 2019.



Legend

- Development Corridor - Wind Farm
- Development Corridor - Permanent Met Masts
- Indicative Development Footprint - Wind Farm
- Indicative Development Footprint - Permanent Met Masts
- Indicative Development Footprint - External Roads
- Seasonally Suitable Crimson Spider Orchid Survey Tracks (Umwelt)
- Seasonally Suitable Crimson Spider Orchid Survey Tracks 2014 (NGH)
- Areas Surveyed for Crimson Spider Orchid - No Records (Umwelt and NGH)

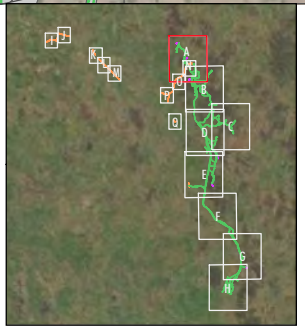
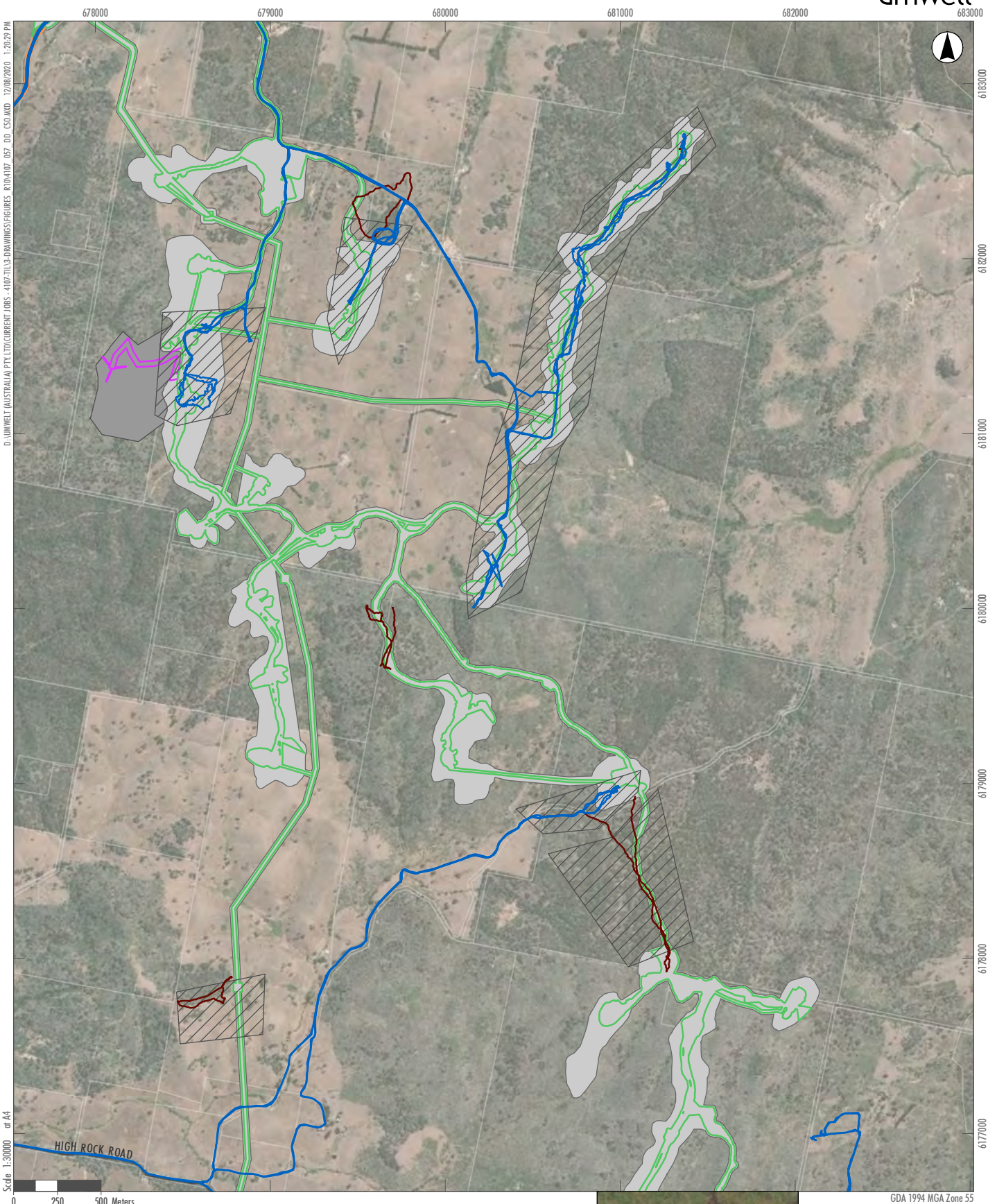


FIGURE 3.2.a

Crimson Spider Orchid Detailed Analysis

Image Source: ESRI Basemap (2020) Data source: Geoscience Australia; Rye Park Renewable Energy Pty Ltd (2020)



Legend

- Development Corridor - Wind Farm
- Development Corridor - Permanent Met Masts
- Indicative Development Footprint - Wind Farm
- Indicative Development Footprint - Permanent Met Masts
- Indicative Development Footprint - External Roads
- Seasonally Suitable Crimson Spider Orchid Survey Tracks (Umwelt)
- Seasonally Suitable Crimson Spider Orchid Survey Tracks 2014 (NGH)
- Areas Surveyed for Crimson Spider Orchid - No Records (Umwelt and NGH)

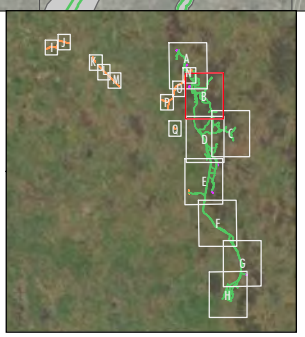
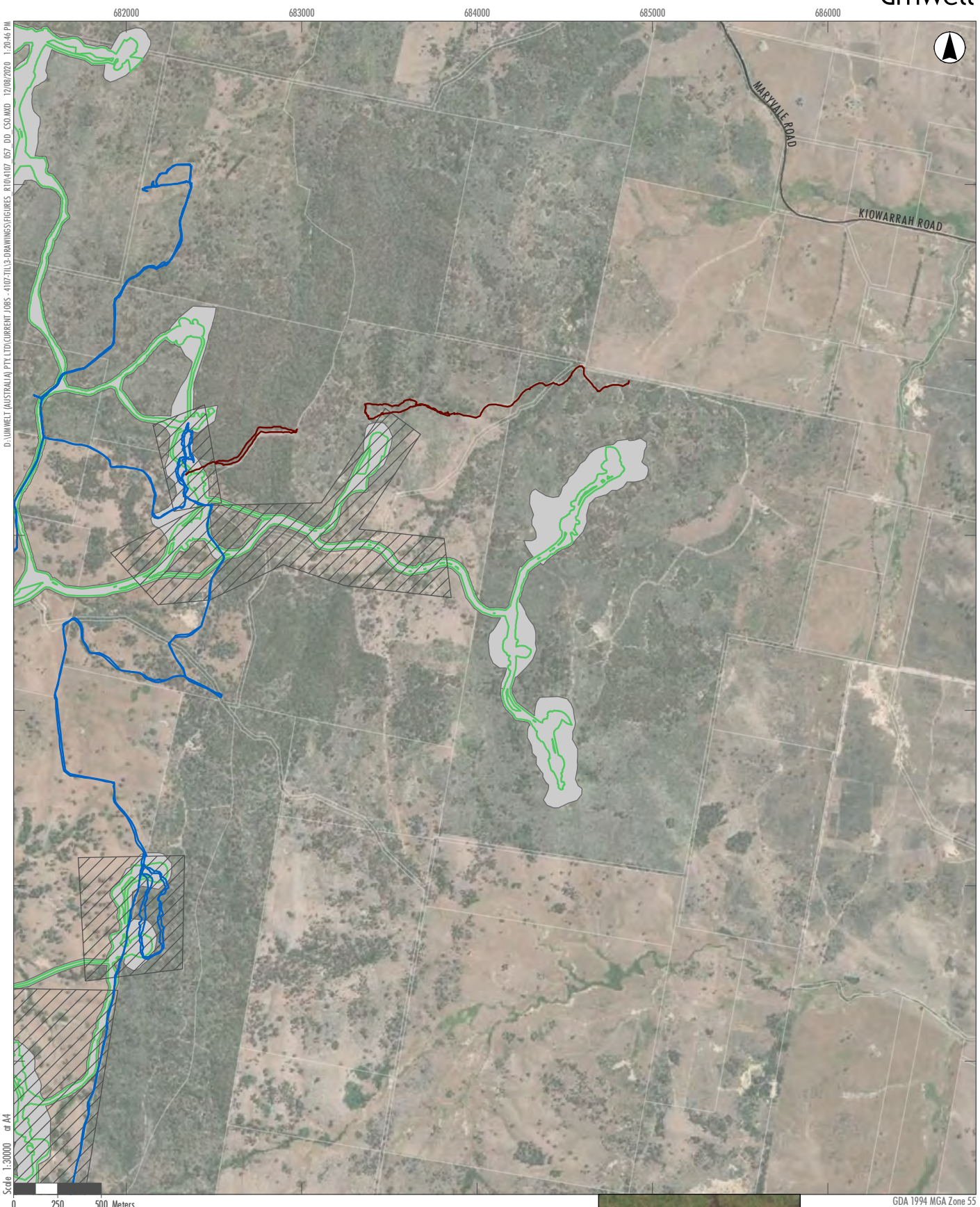


FIGURE 3.2.b

Crimson Spider Orchid Detailed Analysis

Image Source: ESRI Basemap (2020) Data source: Geoscience Australia; Rye Park Renewable Energy Pty Ltd (2020)



Legend

- Development Corridor - Wind Farm
- Indicative Development Footprint - Wind Farm
- Seasonally Suitable Crimson Spider Orchid Survey Tracks (Umwelt)
- Seasonally Suitable Crimson Spider Orchid Survey Tracks 2014 (NGH)
- Areas Surveyed for Crimson Spider Orchid - No Records (Umwelt and NGH)

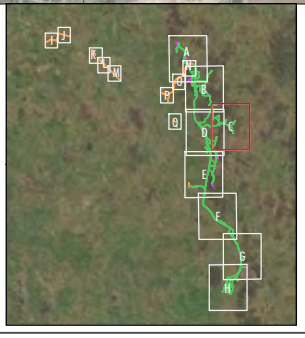
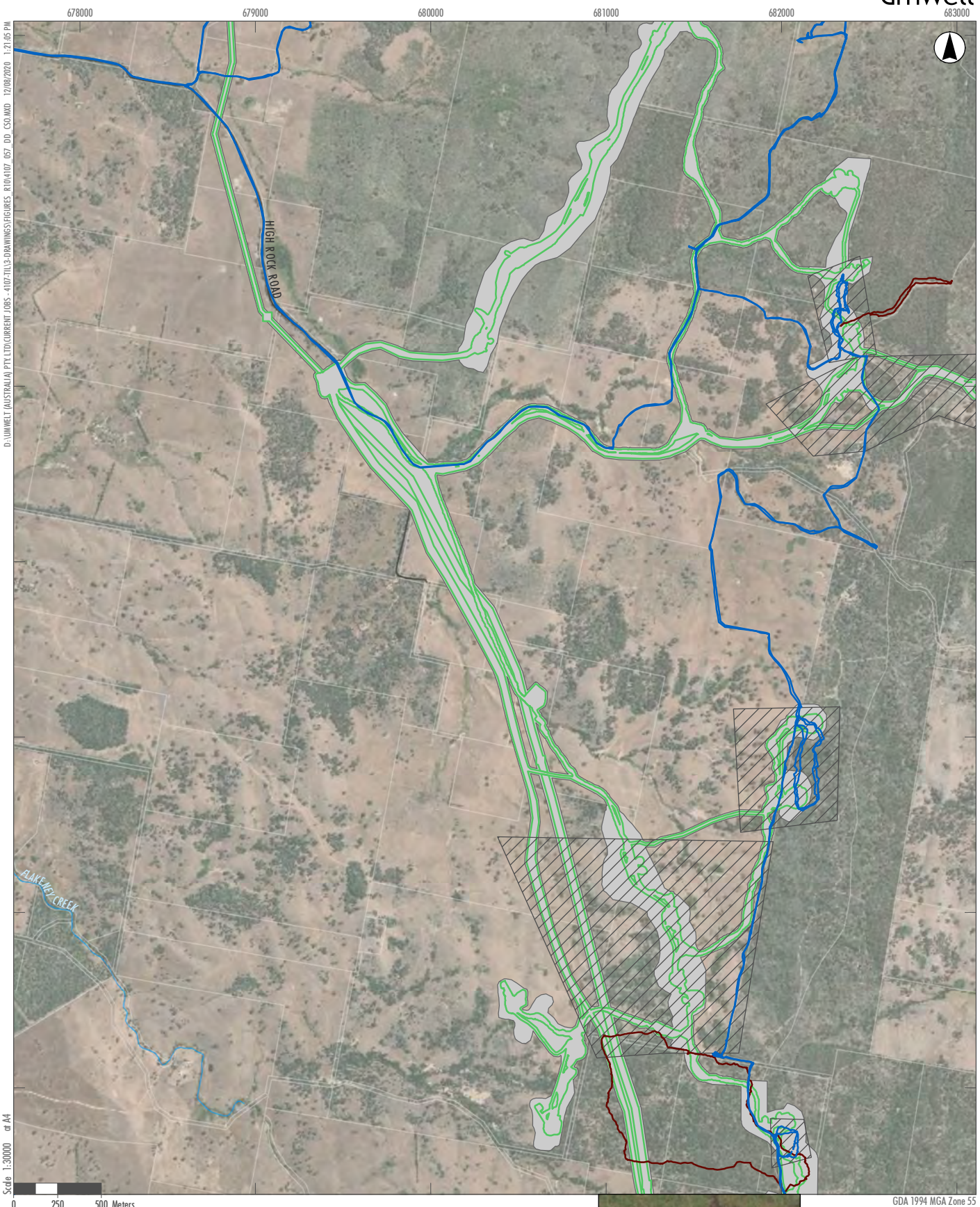


FIGURE 3.2.c

Crimson Spider Orchid Detailed Analysis

Image Source: ESRI Basemap (2020) Data source: Geoscience Australia; Rye Park Renewable Energy Pty Ltd (2020)



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Legend

- Development Corridor - Wind Farm
- Indicative Development Footprint - Wind Farm
- Seasonally Suitable Crimson Spider Orchid Survey Tracks (Umwelt)
- Seasonally Suitable Crimson Spider Orchid Survey Tracks 2014 (NGH)
- Areas Surveyed for Crimson Spider Orchid - No Records (Umwelt and NGH)

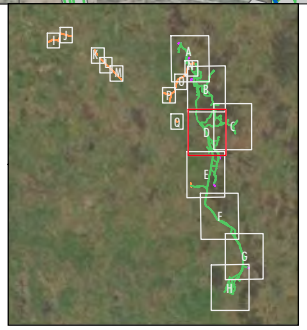
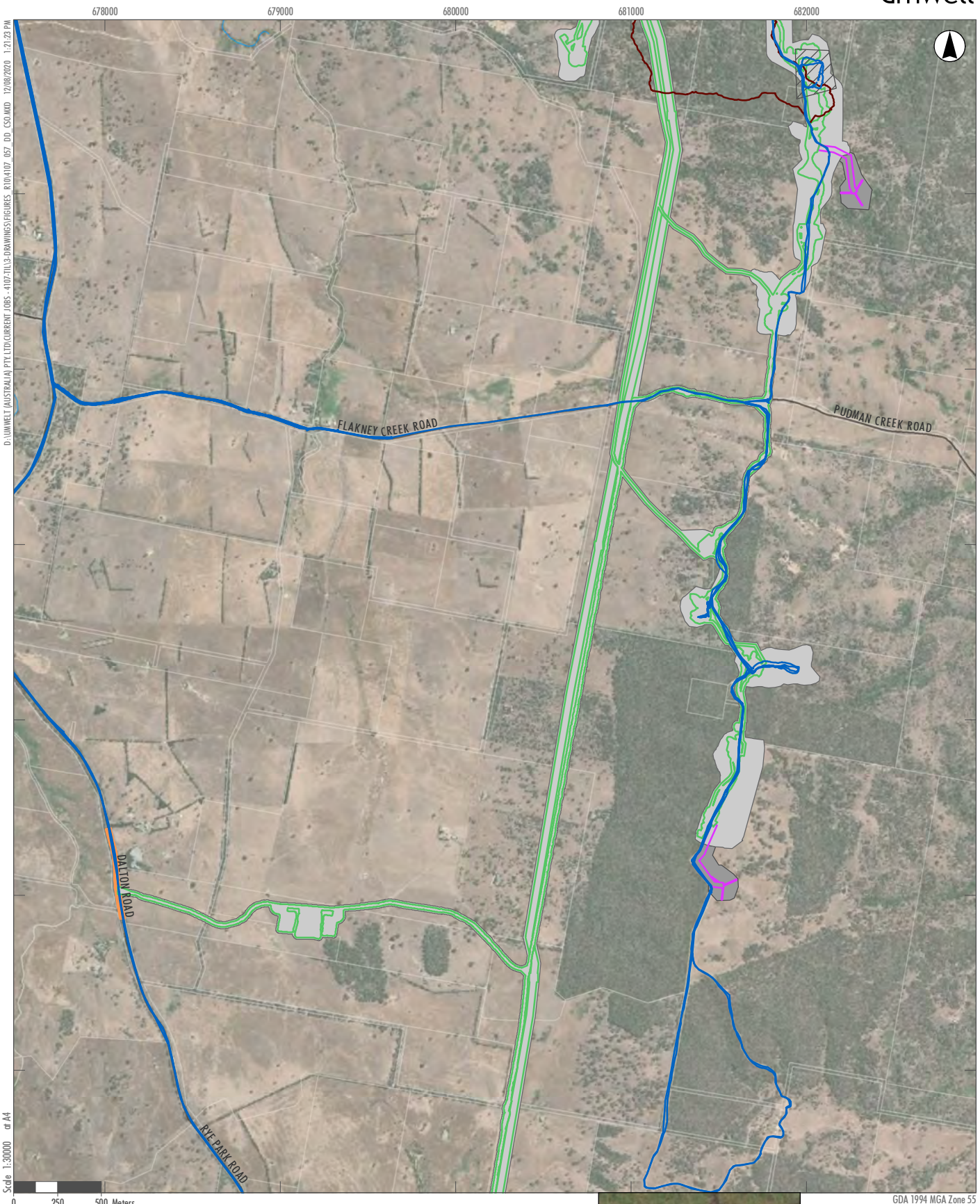


FIGURE 3.2.d

Crimson Spider Orchid Detailed Analysis

Image Source: ESRI Basemap (2020) Data source: Geoscience Australia; Rye Park Renewable Energy Pty Ltd (2020)



Legend

- Development Corridor - Wind Farm
- Development Corridor - Permanent Met Masts
- Indicative Development Footprint - Wind Farm
- Indicative Development Footprint - Permanent Met Masts
- Indicative Development Footprint - External Roads
- Seasonally Suitable Crimson Spider Orchid Survey Tracks (Umwelt)
- Seasonally Suitable Crimson Spider Orchid Survey Tracks 2014 (NGH)
- Areas Surveyed for Crimson Spider Orchid - No Records (Umwelt and NGH)

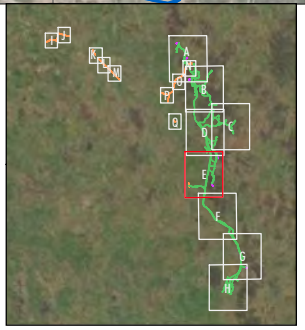
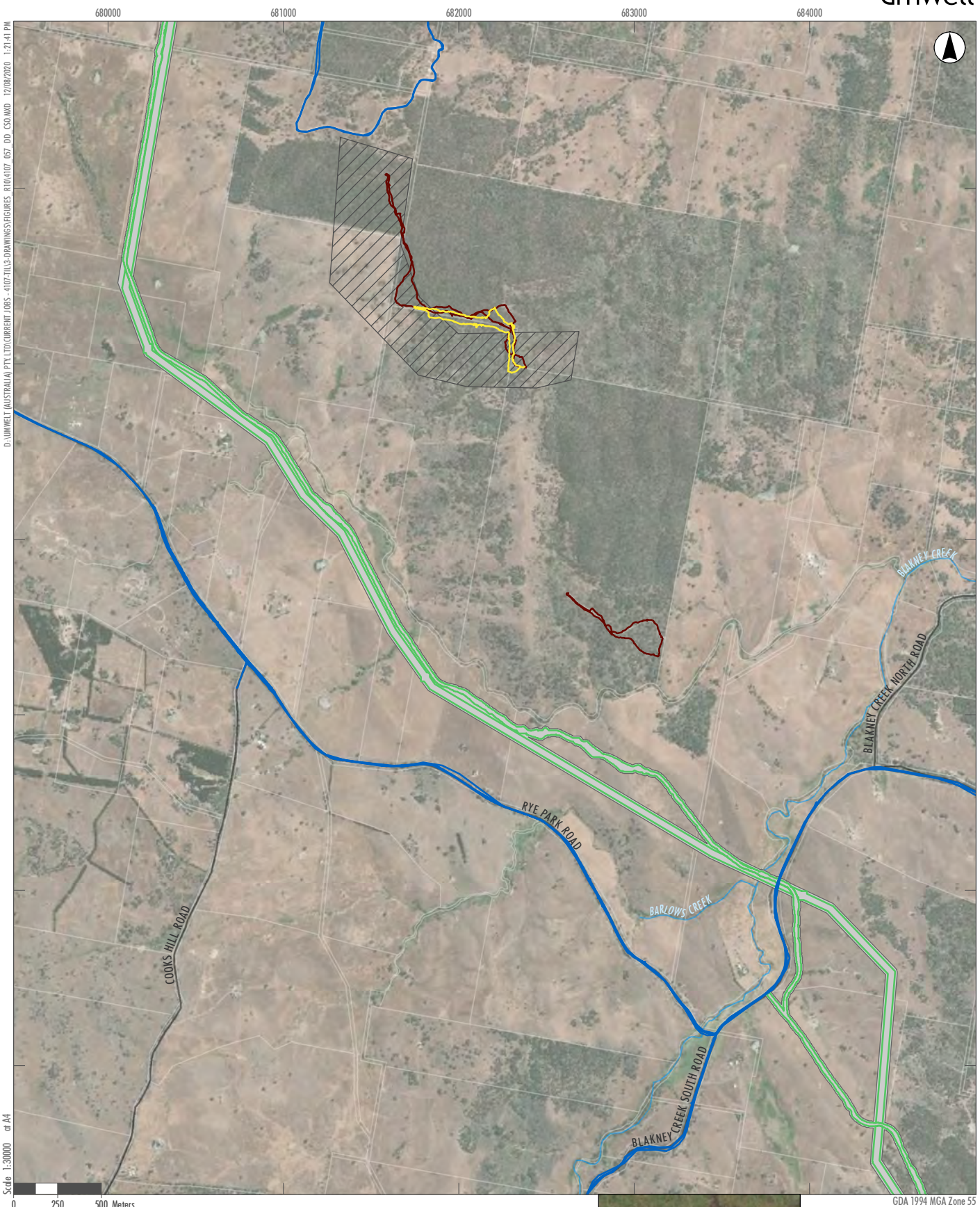


FIGURE 3.2.e

Crimson Spider Orchid Detailed Analysis

Image Source: ESRI Basemap (2020) Data source: Geoscience Australia; Rye Park Renewable Energy Pty Ltd (2020)



Legend

- Development Corridor - Wind Farm
- Indicative Development Footprint - Wind Farm
- Seasonally Suitable Crimson Spider Orchid Survey Tracks (Umwelt)
- Seasonally Suitable Crimson Spider Orchid Survey Tracks 2016 (NGH)
- Seasonally Suitable Crimson Spider Orchid Survey Tracks 2014 (NGH)
- Areas Surveyed for Crimson Spider Orchid - No Records (Umwelt and NGH)

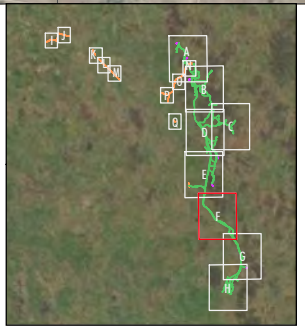
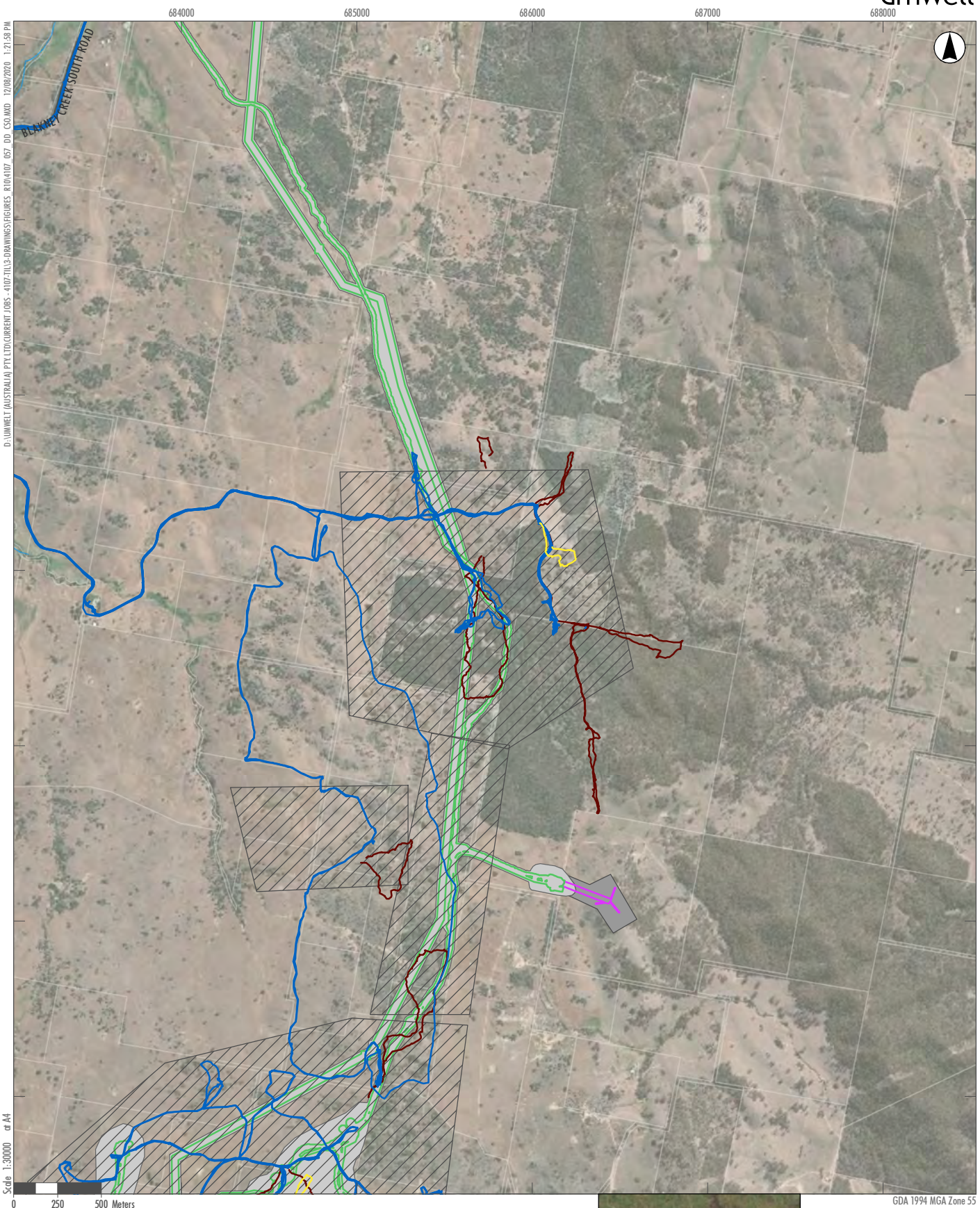


FIGURE 3.2.f

Crimson Spider Orchid Detailed Analysis

Image Source: ESRI Basemap (2020) Data source: Geoscience Australia; Rye Park Renewable Energy Pty Ltd (2020)



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Legend

- Development Corridor - Wind Farm
- Development Corridor - Permanent Met Masts
- Indicative Development Footprint - Wind Farm
- Indicative Development Footprint - Permanent Met Masts
- Seasonally Suitable Crimson Spider Orchid Survey Tracks (Umwelt)
- Seasonally Suitable Crimson Spider Orchid Survey Tracks 2016 (NGH)
- Seasonally Suitable Crimson Spider Orchid Survey Tracks 2014 (NGH)
- Areas Surveyed for Crimson Spider Orchid - No Records (Umwelt and NGH)

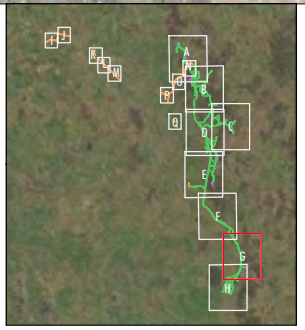
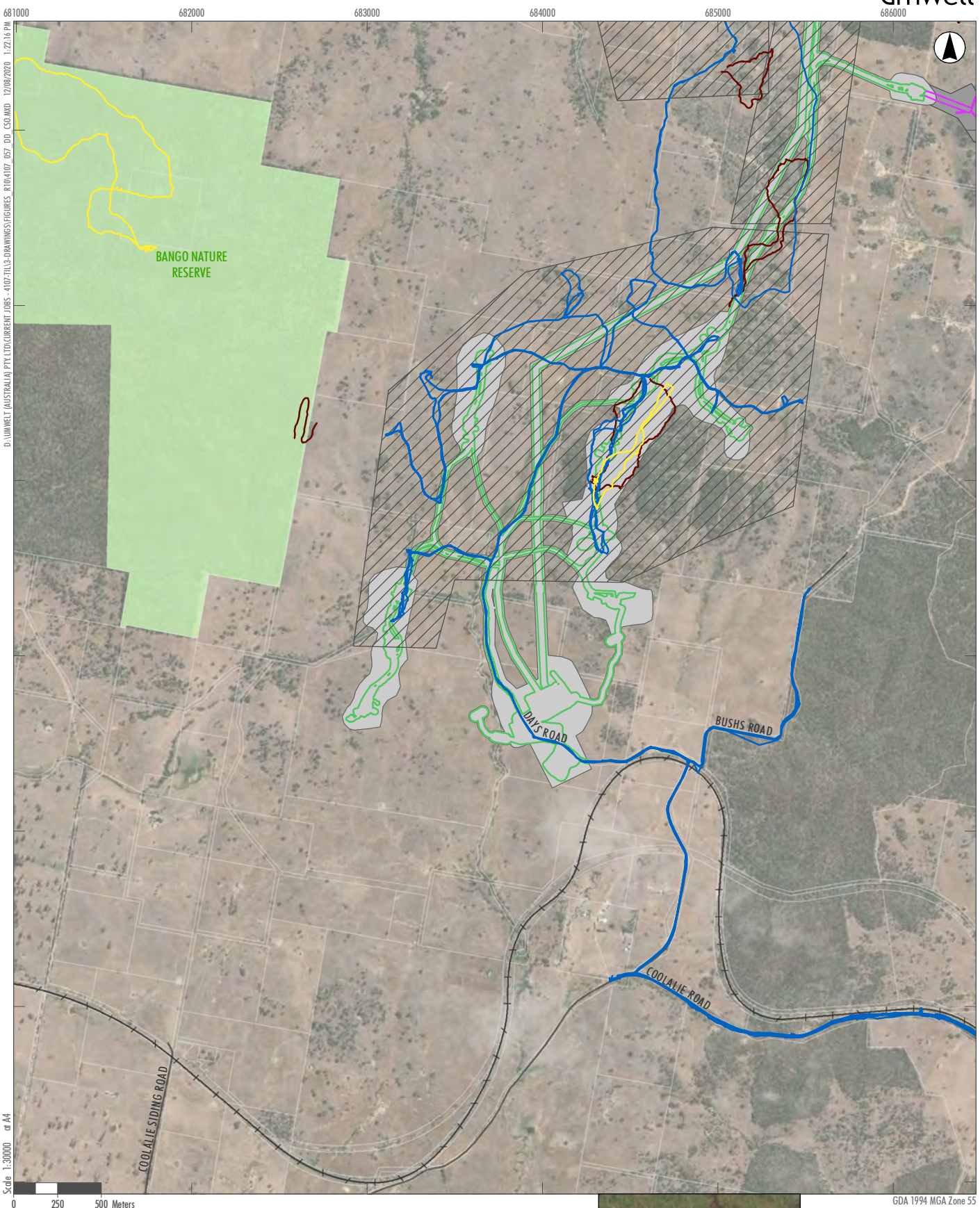


FIGURE 3.2.g

Crimson Spider Orchid Detailed Analysis

Image Source: ESRI Basemap (2020) Data source: Geoscience Australia; Rye Park Renewable Energy Pty Ltd (2020)



Legend

- Development Corridor - Wind Farm
- Development Corridor - Permanent Met Masts
- Indicative Development Footprint - Wind Farm
- Indicative Development Footprint - Permanent Met Masts
- Nature Reserves
- Seasonally Suitable Crimson Spider Orchid Survey Tracks (Umwelt)
- Seasonally Suitable Crimson Spider Orchid Survey Tracks 2016 (NGH)
- Seasonally Suitable Crimson Spider Orchid Survey Tracks 2014 (NGH)
- Areas Surveyed for Crimson Spider Orchid - No Records (Umwelt and NGH)

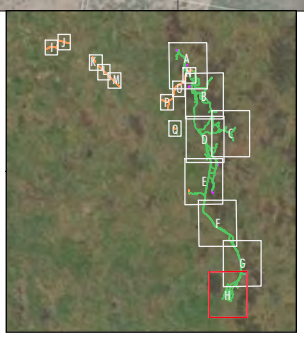


FIGURE 3.2.h

Crimson Spider Orchid Detailed Analysis

Image Source: ESRI Basemap (2020) Data source: Geoscience Australia; Rye Park Renewable Energy Pty Ltd (2020)

Legend

- Indicative Development Footprint - External Roads
- Seasonally Suitable Crimson Spider Orchid Survey Tracks (Umwelt)

FIGURE 3.2.i

Crimson Spider Orchid Detailed Analysis

Image Source: ESRI Basemap (2020) Data source: Geoscience Australia; Rye Park Renewable Energy Pty Ltd (2020)

Legend

- Indicative Development Footprint - External Roads
- Seasonally Suitable Crimson Spider Orchid Survey Tracks (Umwelt)

FIGURE 3.2.j

Crimson Spider Orchid Detailed Analysis

Image Source: ESRI Basemap (2020) Data source: Geoscience Australia; Rye Park Renewable Energy Pty Ltd (2020)

Legend

- Indicative Development Footprint - External Roads
- Seasonally Suitable Crimson Spider Orchid Survey Tracks (Umwelt)

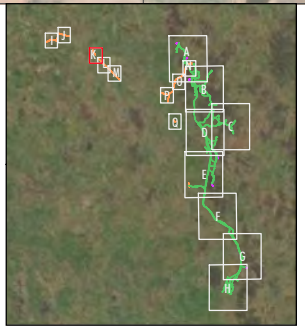


FIGURE 3.2.k

Crimson Spider Orchid Detailed Analysis

Image Source: ESRI Basemap (2020) Data source: Geoscience Australia; Rye Park Renewable Energy Pty Ltd (2020)

Legend

- Indicative Development Footprint - External Roads
- Seasonally Suitable Crimson Spider Orchid Survey Tracks (Umwelt)

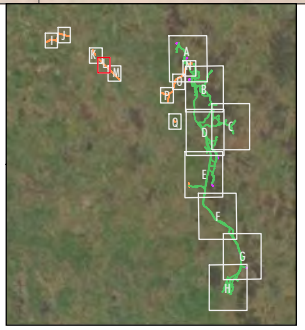


FIGURE 3.2.1

Crimson Spider Orchid Detailed Analysis

Image Source: ESRI Basemap (2020) Data source: Geoscience Australia; Rye Park Renewable Energy Pty Ltd (2020)

Legend

- Indicative Development Footprint - External Roads
- Seasonally Suitable Crimson Spider Orchid Survey Tracks (Umwelt)

FIGURE 3.2.m

Crimson Spider Orchid Detailed Analysis

Image Source: ESRI Basemap (2020) Data source: Geoscience Australia; Rye Park Renewable Energy Pty Ltd (2020)

Legend

- Development Corridor - Wind Farm
- Indicative Development Footprint - Wind Farm
- Indicative Development Footprint - External Roads
- Seasonally Suitable Crimson Spider Orchid Survey Tracks (Umwelt)

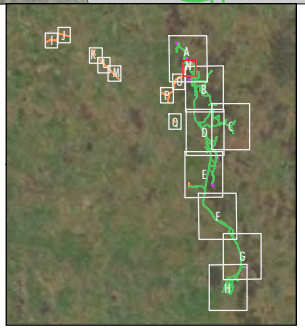


FIGURE 3.2.n

Crimson Spider Orchid Detailed Analysis

Image Source: ESRI Basemap (2020) Data source: Geoscience Australia; Rye Park Renewable Energy Pty Ltd (2020)

Legend

- Indicative Development Footprint - External Roads
- Seasonally Suitable Crimson Spider Orchid Survey Tracks (Umwelt)

FIGURE 3.2.o

Crimson Spider Orchid Detailed Analysis

Image Source: ESRI Basemap (2020) Data source: Geoscience Australia; Rye Park Renewable Energy Pty Ltd (2020)

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Legend

- Indicative Development Footprint - External Roads
- Seasonally Suitable Crimson Spider Orchid Survey Tracks (Umwelt)

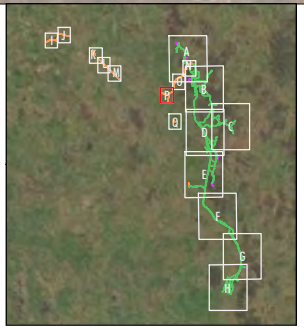

FIGURE 3.2.p

Crimson Spider Orchid Detailed Analysis

Image Source: ESRI Basemap (2020) Data source: Geoscience Australia; Rye Park Renewable Energy Pty Ltd (2020)

Legend

- Indicative Development Footprint - External Roads
- Seasonally Suitable Crimson Spider Orchid Survey Tracks (Umwelt)

FIGURE 3.2.q

Crimson Spider Orchid Detailed Analysis

Image Source: ESRI Basemap (2020) Data source: Geoscience Australia; Rye Park Renewable Energy Pty Ltd (2020)

3.3 Impacts on Squirrel Glider Habitat

'BCD encourages micro-siting turbines out of remnant vegetation. Where avoidance is not possible, mitigation measures in accordance with section 8.1.2.1 should be undertaken. This would include installing connectivity structures/ rehabilitation to connect areas of vegetation/ fence areas.'

RPRE will continue to avoid and minimise impacts on habitat for this species through detailed design of the Indicative Development Footprints, including the consideration of micro-siting turbines out of remnant vegetation, where feasible.

Mitigation measures in accordance with 8.1.2.1 of the BAM will be prepared for the Project. The full extent of mitigation measures will be developed as part of the Biodiversity management Plan (BMP) required for the Project. However a list of the proposed mitigation measures for the Project are presented within the revised BDAR (Umwelt 2020b), these are listed below.

- Demarcation of approved clearance boundaries
- Implementation of pre-clearance surveys for key fauna habitat (i.e. hollow-bearing trees, termite mounds, large hollow locks, rock piles, large stick nests) to limit impacts to fauna species
- Where possible, salvage key fauna habitat from within the Indicative Development Footprints
- Prioritisation of lopping tree branches that do not contain hollows or nests
- Installation of artificial nest boxes (where relevant).

The above measures will assist in minimising and mitigating impacts on the species, particularly during the construction phase of the project. These will be completed in addition to the already extensive offset requirement for the species.

This species was recorded at multiple locations within the Indicative Development Footprints, or in proximity to it, by Umwelt. It was not recorded previously during the planning approval process (NGH Environmental 2014 and 2016b). The species was recorded through spotlighting surveys as well as through the use of remote survey cameras. The latter confirmed use of the site by both squirrel glider and sugar glider (*Petaurus breviceps*). All records for the species occurred in patches of remnant forest from PCTs 289, 350 and 351. There was no identifiable pattern across the Indicative Development Footprints where the species did and didn't occur. Thus, Vegetation Zones 1, 3 and 5 in the Indicative Development Footprints are considered to be provided suitable habitat for the species.

Umwelt has completed a detailed analysis of all patches of Vegetation Zones to ensure they all adequately provide habitat for the squirrel glider in line with the TBDC profile for the species (2020c). Specifically, the TBDC notes that "large old trees with hollows for breeding and nesting…are also critical for movement and typically need to be closely-connected (i.e. no more than 50 m apart)." Umwelt has therefore removed any patches of Vegetation Zones 1, 3 and 5 that are small, isolated and fragmented from other larger habitat. Refer to Figure 3.4 of the revised BDAR (Umwelt 2020b) for the species polygon for this species.

3.4 Partial Direct Impact Calculations for the Transmission Line

BCD is of the opinion that its ecological function would be dramatically reduced because of the removal of hollows, coarse woody debris, litter and the predictable loss of native groundcover associated with the ongoing indirect impacts to easements from weed infestation.

BCD's view is that the credit obligation should be re-calculated such that the future scores for structure and function are reduced to zero. This would reflect a near complete loss of ecological function from the direct and indirect impacts of the transmission line.

This submission was discussed with BCD on Tuesday 23rd June 2020 in a meeting between Umwelt, Tilt Renewables and BCD.

As per Section 5.1.1.2 of the revised BDAR (Umwelt 2020b) Umwelt has applied partial direct impacts within particular sections of transmission line easements of the Project. Tilt Renewables corresponded with Transgrid, the operator of the electricity grid in this part of NSW but not confirmed as being responsible for building the project transmission line. Transgrid confirmed that a 40 m wide easement would be required for 132kV (but up to 330kV) and a 20 m wide easement would be required for 33kV within vegetation that is currently, or can grow equal to or greater than, 4 m tall. For vegetation zones that meet these characteristics, partial direct impacts have been calculated within the 40 m wide or 20 m wide easement (excluding the pole and string locations) as per Section 9.1.2.3 of the BAM (OEH 2017), which states that 'the future value of the attributes may take into account impacts from partial clearing in a vegetation zone. The assessor must provide supporting information in the BAR that specifies how the future value of the attribute and vegetation integrity will be achieved and maintained.' This means that the future vegetation integrity score for these applicable areas are not reduced to the default score of 0 (no biodiversity value) as elements of the vegetation (and habitat) will remain. Such an approach is allowed for by the BAM including, for example, in asset protection zones for fire breaks.

Following consultation with BCD regarding this submission, Umwelt has provided additional information to justify the application of the partial direct impacts for the Project. While BCD requested Umwelt use the Equations 8 – 14 and 17 – 18 referenced in Appendix 6 as per Section 9.1.2.4 of the BAM (OEH 2017), Umwelt disagree with using these equations outside of the BAMC. It is our understanding that these equations are in fact applied as part of the BAMC.

In Section 5.1.1.2 of the revised BDAR (Umwelt 2020b), it is important to note that Umwelt has not created the 'Future Vegetation Integrity Score' through the application of the partial direct impact assessment. Umwelt carefully considered the extent of decline in each of the three assessment components of the BAMC, Composition, Structure and Function, for the relevant vegetation zones, and applied settings in each of the applicable attributes for each of the assessment components as per the detail provided below in **Table 3.4**. Through the application of these settings, the BAMC uses the equations in Appendix 6 as per Section 9.1.2.4 of the BAM (OEH 2017) to determine the 'Future Vegetation Integrity Score'. These scores are presented in Table 5.5 and Table 5.6 of the revised BDAR (Umwelt 2020b).

Table 3.4 Partial Direct Impact Settings

Attribute	CCS	SCS	FCS
Tree	Same as original	5 per cent of original	
Shrub	Same as original	25 per cent of original	
Grass and Grass Like	50 per cent of original	50 per cent of original	
Forb	50 per cent of original	5 per cent of original	
Fern	50 per cent of original	5 per cent of original	
Other	50 per cent of original	5 per cent of original	
Number of Large Trees			Default
Litter Cover			Same as original
Coarse Woody Debris			Same as original
Stem Size Class			1
Regeneration stems <5cm DBH			Present
High Threat Weed Cover			Same as original

CCS – Composition Condition Score; SCS – Structure Condition Score; FCS – Function Condition Score

Umwelt has carefully considered the application of partial direct impacts for the Project within particular sections of the proposed transmission line. This has only been undertaken where there is confidence that biodiversity values will persist. This confidence is based on experience assessing other transmission line easements within NSW where biodiversity values have been confirmed, including TECs, to persist following the construction of the transmission line and its associated easement.

Umwelt have reviewed a number of floristic plots we have previously completed within transmission line easements following their construction. The timeframe between the construction and these surveys varied, but it was over some months, rather than immediately after construction.

These plots indicate transmission line easements continue to support biodiversity values following the construction works of the easement. They indicate a reasonable total species diversity (30 – 56 species), dominated by native species (66 – 71 per cent). Native species diversity across the three plots ranged from 20 to 40 flora species, which included grasses, forbs and ferns. In two of the three plots a canopy species was found to be persisting in the landscape. Native grasses dominated the vegetation, while low numbers of hardy native shrub and forb species also persist. Fallen logs were recorded in one of the three plots, however we note the remaining two may support logs but they will not have been recorded if less than 10 cm in diameter and 50 cm in length.

In addition to the information above, to give BCD additional confidence that biodiversity values will persist within the transmission line easements constructed for the Project, RPRE are willing to commit to management measures as part of the BMP to facilitate this. These are described below in **Section 3.10.**

Umwelt is also aware that there is precedence within NSW for partial impacts to be applied for a project where the extent of the impact is not known. The Darlington Point Solar Farm is a State Significant Development where the former Department of Planning and Environment (DPE) set a minimum number of ecosystem credits for the Applicant to retire at the time of the approval but required the Applicant to undertake an assessment of the impacts of native grassland following the construction phase of the project (DPE 2018). Through completing this post-construction impact assessment, the Applicant would determine the final biodiversity offset liability of the project. This approach was approved by DPE as the extent of impact to grasslands between the solar arrays could not be definitively calculated.

Umwelt recommend that DPIE and BCD consider this approach for the Rye Park Wind Farm in relation to partial direct impacts that are presented. We believe that this approach may give both authorities some assurance that if the calculations being applied for the partial direct impacts within the transmission line easements are not accurate, a post construction assessment could allow for residual credits to be calculated.

3.5 Biodiversity Assessment Method Calculator

3.5.1 Non-native Vegetation

The plot data for non-native vegetation needs to be entered into the BAMC to allow confirmation that their VI score is below the offsetting threshold.

Umwelt has added Non-native Vegetation into the BAMCC as per this submission. The outcome of this is described and detailed within the revised BDAR (Umwelt 2020b).

A total of seven BAM Vegetation Integrity Plots were undertaken in the Non-native Vegetation. All BAM Vegetation Integrity Plots were run together within the online BAM Credit Calculator (BAMCC), they have a Vegetation Integrity score of 14.0 for the South West Slopes BAMCC and 11.9 for the South East Highlands BAMCC. Both of these are below the offsetting threshold of 17 (where it is associated with ecosystem-credit habitat or a VEC).

3.5.2 Hollow Bearing Trees

The number of Hollow Bearing Trees (HBTs) entered into the BAM-C for Zone 3 was based on the number observed during the BAM plot surveys. However, the targeted HBT survey in Zone 3 revealed a much higher number of HBTs in this zone – an estimated 893 in total and an average of 15.7 per hectare across 17 assessment sites. It is best practice to use the data from the most accurate and reliable method. In this instance, the results from the targeted HBT survey in Vegetation Zone 3 are the more representative of the actual number of HBTs to be removed. BCD therefore recommends updating the functional scores for HBTs in the BAM-C to reflect this. BCD is willing to engage with the Applicant about the most appropriate method – either using the mean or the actual number from proximal sites.

Umwelt disagrees with this approach. The BAMCC operates on data captured within the BAM Vegetation Integrity Plots in accordance with the BAM (OEH 2017a). This is the approach undertaken and, in our view, it is in accordance with the BAM.

The BAM does not specify that a more detailed analysis of HBT needs to be captured in the BAMC, however it does request HBT numbers being impacted to be calculated as part of the BDAR. Umwelt has done this and included more detailed assessments for the Vegetation Zones that are pertinent to the Superb Parrot. This will directly result in a positive offsetting outcome, as per the current approval conditions for the project.

Umwelt understand that BCD wish that the most detailed assessment be used for the calculation of HBTs for Vegetation Zone 3. By using our detailed HBT assessments in combination with the detailed HBT assessments by NGH Environmental (2014 and 2016a), we have used the most detailed data available. In doing so, Umwelt are confident that we have used the most detailed and representative assessment method to calculate HBT impacts within Vegetation Zone 3.

3.5.3 Deselection of Ecosystem Credit Species

BCD notes that predicted threatened species (ecosystem credits) have been deselected in the habitat suitability tab of the credit calculator. It is permissible to remove species from the list of predicted threatened species, however deselection normally requires –

- **targeted survey,**
- **an assessment of any habitat constraints (if habitat constraints are listed in the TBDC), and,**
- **documented justification for their removal**

otherwise presence must be assumed. Adequate justification is important because removal of species has the potential to influence credit obligations, particularly those with a high-risk weighting.

Therefore, the Applicant needs to provide adequate justification for the deselection of the following species (or alternatively reselect them in the calculator) -

- **Regent Honeyeater (foraging) in 350_DNG**
- **Gang Cockatoo (foraging) in 350_DNG and 351_DNG**
- **Speckled warbler in 350_DNG and 351_DNG**
- **Brown Treecreeper in 350_DNG and 351_DNG**
- **Varied Sittella in 350_DNG and 351_DNG**
- **Little Lorikeet in 350_DNG**
- **Swift parrot (foraging) in 350_DNG**
- **Hooded Robin in 350_DNG**
- **Black-chinned honeyeater in 350_DNG**
- **Scarlet Robin in 350_DNG and 351_DNG**
- **Flame Robin in 350_DNG and 351_DNG**
- **Koala in 350_DNG, 351_DNG, 351_ModertateGood_Acacia and 351_Sifton**
- **Grey-crowned Babbler in 350_DNG**
- **Grey-headed Flying Fox in 351_DNG, 351_ModerateGood_Acacia and 351_Sifton**

Umwelt has provided additional detail within the revised BDAR (Umwelt 2020b) in relation to the deselection of particular ecosystem-credit species mentioned above in BCD's submission. A summary of the justification for deselecting these species is provided below in **Table 3.5**. A justification of survey effort is not relevant for the species above and deselection of specific vegetation zones, as specific vegetation zones have only been deselected due to the absence of particular habitat rather than deselecting the species entirely.

Table 3.5 Justification for deselecting ecosystem-credit species

Species	Vegetation Zone Deselected in BAMCC	Justification for Deselection
Regent honeyeater (foraging)	Vegetation Zone 4 350_DNG	This vegetation zone does not support suitable foraging habitat for this species. While it does support scattered trees that they could use to pass through the landscape, the species is not considered to frequent the locality. True foraging habitat for the species is restricted to the remnant and less cleared vegetation zones.

Species	Vegetation Zone Deselected in BAMCC	Justification for Deselection
Gang-gang cockatoo (foraging)	Vegetation Zone 4 350_DNG Vegetation Zone 6 351_DNG	These vegetation zones do not support foraging habitat for this species. While they do support scattered trees that they could use to pass through the landscape, true foraging habitat for the species is restricted to the remnant and less cleared vegetation zones.
Speckled warbler	Vegetation Zone 4 350_DNG Vegetation Zone 6 351_DNG	These vegetation zones do not support habitat for this species. They lack a shrubby mid-storey necessary to support this species. True habitat for the species is restricted to the remnant and less cleared vegetation zones.
Brown treecreeper	Vegetation Zone 4 350_DNG Vegetation Zone 6 351_DNG	These vegetation zones do not support habitat for this species. While they do support scattered trees that they could infrequently visit, these vegetation zones lack the shrubby mid-storey necessary to support this species. True habitat for the species is restricted to the remnant and less cleared vegetation zones.
Varied sittella	Vegetation Zone 4 350_DNG Vegetation Zone 6 351_DNG	These vegetation zones do not support habitat for this species. While they do support scattered trees that they could infrequently visit, these vegetation zones lack the shrubby mid-storey necessary to support this species. True habitat for the species is restricted to the remnant and less cleared vegetation zones.
Little lorikeet	Vegetation Zone 4 350_DNG	This vegetation zone does not support suitable habitat for this species. While it does support scattered trees that they could infrequently visit, true habitat for the species is restricted to the remnant and less cleared vegetation zones.
Swift parrot (foraging)	Vegetation Zone 4 350_DNG	This vegetation zone does not support suitable foraging habitat for this species. While it does support scattered trees that they could use to pass through the landscape, the species is not considered to frequent the locality. True foraging habitat for the species is restricted to the remnant and less cleared vegetation zones.
Hooded robin	Vegetation Zone 4 350_DNG	This vegetation zone does not support habitat for this species. They lack a shrubby mid-storey necessary to support this species. True habitat for the species is restricted to the remnant and less cleared vegetation zones.
Black-chinned honeyeater	Vegetation Zone 4 350_DNG	This vegetation zone does not support suitable habitat for this species. While it does support scattered trees that they could infrequently visit, true habitat for the species is restricted to the remnant and less cleared vegetation zones.

Species	Vegetation Zone Deselected in BAMCC	Justification for Deselection
Scarlet robin	Vegetation Zone 4 350_DNG Vegetation Zone 6 351_DNG	These vegetation zones do not support habitat for this species. They lack a shrubby mid-storey necessary to support this species. True habitat for the species is restricted to the remnant and less cleared vegetation zones.
Flame robin	Vegetation Zone 4 350_DNG Vegetation Zone 6 351_DNG	These vegetation zones do not support habitat for this species. They lack a shrubby mid-storey necessary to support this species. True habitat for the species is restricted to the remnant and less cleared vegetation zones.
Koala	Vegetation Zone 4 350_DNG Vegetation Zone 6 351_DNG Vegetation Zone 7 351_ModerateGood_Acacia Vegetation Zone 8 351_Sifton	These vegetation zones do not support suitable habitat for this species. While they do support scattered trees that the species could visit infrequently if passing through the landscape, their true habitat is restricted to the remnant vegetation zones.
Grey-crowned babbler	Vegetation Zone 4 350_DNG	This vegetation zone does not support suitable habitat for this species. While it does support scattered trees that they could infrequently visit, true habitat for the species is restricted to the remnant and less cleared vegetation zones.
Grey-headed flying fox	Vegetation Zone 6 351_DNG Vegetation Zone 7 351_ModerateGood_Acacia Vegetation Zone 8 351_Sifton	These vegetation zones do not support suitable habitat for this species. While they do support scattered trees that the species could visit infrequently if passing through the landscape, their true habitat is restricted to the remnant vegetation zones.

3.6 Serious and Irreversible Impact Assessment (SAII)

'BCD recommends undertaking an SAII assessment for all potential SAII entities that were detected during the survey period (Section 10.2.1.3 of the BAM). This SAII assessment should consider prescribed impacts from turbine strikes where applicable (Section 10.2.3 of the BAM).'

SAII assessments have been completed in accordance with the impact assessment criteria provided in Subsection 10.2.2 (for ecological communities) and 10.2.3 (for threatened species or populations) of the BAM and provided in Appendix F of the revised BDAR (Umwelt 2020b) for the following entities:

- White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland CEEC (formerly White Box Yellow Box Blakely's Red Gum Woodland EEC) under the BC Act
- Large bent-winged bat (*Miniopterus orianae oceanensis*)
- Golden sun moth (*Synemon plana*).

The content of these SAII impact assessments are summarised below.

White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland CEEC

White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland is listed as a CEEC under the BC Act. At the time of the original BDAR (Umwelt 2020a) being placed on exhibition originally, this community was known as White Box Yellow Box Blakely's Red Gum Woodland and was listed as an EEC under the BC Act.

A final determination to update the conservation status of this TEC from EEC to CEEC only occurred on 17 July 2020. Due to time constraints in relation to the response to submissions phase, Umwelt have not had the opportunity to analysis the data captured for Vegetation Zones 3 and 4 for the Project against the updated Final Determination for the CEEC. As our original assessment of these vegetation zones against the final determination for the original EEC resulted in almost all of their mapped extents aligning with the EEC, we do not believe the updated conservation status will not affect the extent of the newly finalised CEEC within the Project.

The NSW Threatened Species Scientific Committee updated the community to CEEC which is in keeping with the Commonwealth listing. This is part of many reassessments being undertaken using the Common Assessment Method (CAM), whereby all jurisdictions in Australia are seeking to list entities consistently. In addition to a new Final Determination for the CEEC, there is also a detailed report by explaining the conservation assessment for the CAM.

In summary, the analysis of TECs was completed against the Final Determination for the original EEC community (NSW Scientific Committee 2002), however we have used the outcomes of this analysis to align the vegetation with the newly listed White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland CEEC. This is provided in full in Section 3.2.3.1 of the revised BDAR (Umwelt 2020b).

Despite a series of avoidance, minimisation and mitigation measures being developed and put in place for the Project (refer to Section 4.0 of the revised BDAR [Umwelt 2020b]) the Indicative Development Footprints supports total of 37.50 hectares of White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland CEEC under the BC Act within Vegetation Zones 3 (20.08 hectares) and 4 (17.42 hectares). Impact to this CEEC (BC Act)is less (12.70 hectares) than the impact threshold of 50.2 hectares for this TEC as identified in Consent Condition 19(a) of the existing State Approval (SSD 6693).

Despite the impacts described above for the Project, they will not result in the removal of the community from the locality. A further 31.54 hectares of White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland CEEC under the BC Act will persist within the wider Development Corridors. Across a broader area (approximately 1,000 hectares) surrounding the Indicative Development Footprints, approximately 100 hectares is likely to align with the CEEC (BC Act) in a similar condition to that recorded in the Indicative Development Footprints. Within the local region, approximately 10,000 hectares surrounding the Indicative Development Footprints, a total of 1,207 hectares is likely to align with the CEEC (BC Act) in a similar condition to that recorded in the Indicative Development Footprints.

Publicly, within the Project IBRA Subregions, this CEEC (BC Act) is known to occur in the Benambra National Park (NP), Brindabella NP, Conimbla NP, Dananbilla Nature Reserve (NR), Ellerslie NR, Flagstaff Memorial Nature Reserve, Goobang NP, Gungewalla NR, Illunie NR, Koorawatha NR, Livingstone NP, Minjary NP, Oak Creek NR, Queanbeyan NR, Tumblong State Conservation Area and Woomargama NP (DECCW 2010).

The National Recovery Plan for the similarly aligned CEEC listed under the EPBC Act (DoECCW 2010) estimates that approximately 8,000 hectares occurs within the South Western Slopes IBRA Subregion national parks and nature reserves.

Large bent-winged bat

The Project has gone through substantial avoidance (and minimisation) measures, through changes to the final design, in relation to foraging habitat for this species. Over 300 hectares of open forest habitat suitable for foraging within the Development Corridors has been avoided by the Project. This was achieved through reductions in the number of wind turbines, operation/maintenance facilities, substations, and through changes to access tracks, cabling networks and the preferred transport route. In addition, several mitigation measures will be implemented to contribute to the maintenance of habitat quality adjacent to the final Development Footprint. These avoidance and minimisation measures are described in full within Section 4.0 of the revised BDAR (Umwelt 2020b). No breeding habitat for the species will be impacted by the Project.

Direct impacts on the large bent-winged bat resulting from the Project will include turbine strikes during the operational phase. Umwelt prepared an updated operational bird and bat impact assessment to analyse the difference in impacts between the original assessment and the proposed relevant modifications to the Project, being less turbines and larger blade lengths. It was found that the level of risk of blade strike to the large bent-winged bat may be similar or slightly higher than the level of risk posed by the current design.

This impact will be addressed in a Bird and Bat Adaptive Management Plan (BBAMP) for the Project, which will include monitoring requirements, defined impact triggers for the species and a mitigation and management strategy. The strategy will encompass a range of management actions, including the deterrence of bats from turbines. Reporting of outcomes from implementation of the BBAMP will be used to inform ongoing operation of the Project and potentially develop further actions to reduce the extent of direct impacts on the species. A summary of monitoring requirements, impact triggers and mitigation measures that will be developed as part of the BBAMP is provided in Section 4.3 of the revised BDAR (Umwelt 2020b).

The large bent-wing bat was recorded within the Development Corridors during echolocation surveys conducted by Umwelt. The closest historic record of the species occurs approximately 8.4 km west of the Development Corridors near Wargeila Road (DPIE 2020). The southern sections of the Development Footprint occur within 50 km of a known roost caves at Wee Jasper (Church Cave and Dip Cave). DPIE recognises that discrete populations are centred around maternity caves, and that dispersals of up to 300 km occur at certain times of the year (DPIE 2020).

It has been recorded that the species can forage long distances from the roost site, with some being known to travel up to 65 km in one night (Churchill 2008). While these sites are home to thousands of individuals during periods of roosting, it is unknown how many individuals utilise the Development Corridor for foraging, particularly when the roost migrates.

The Project will not impact on any breeding or roosting activities of the large bent-wing bat due to an absence of suitable breeding habitat in the Indicative Development Footprints.

Foraging activities of the local population may be affected by the removal of approximately 106.29 hectares of remnant open forest/woodland habitat which comprises potential foraging habitat. Umwelt note that large amounts (over 300 hectares) of similar or higher quality foraging habitat occur for the species in the surrounding Development Corridors and wider region. It is unlikely that the Project will impact on foraging activities to such an extent that a local population of the species will decline.

Movement pathways for the species through the Development Corridors will be impacted by the presence of 80 wind turbines which may change flight behaviour and patterns of individuals migrating through the area. It is considered unlikely that the Project will impact on dispersal activities to such an extent that a local population of the species will decline.

Golden Sun Moth

Despite a series of avoidance, minimisation and mitigation measures being developed and put in place for the Project (refer to Section 4.0 of revised BDAR [Umwelt 2020b**]**) the Project will result in impacts to 43.20 hectares of golden sun moth habitat across ten main habitat areas within the Indicative Development Footprints. This comprises four habitat areas >10 ha and six habitat areas <10 ha. There will be permanent habitat loss >0.5 ha in all four habitat areas >10 ha, and habitat loss in the remaining six habitat areas <10 ha.

The threshold listed in the BioNet TBDC for the golden sun moth is clearing of >10% of identified habitat on site. The identified impact of 43.20 hectares of habitat for GSM within the Indicative Development Footprints of the total 113.89 hectares of habitat identified within the Development Corridors represents a clearance of 38% of identified habitat. The Project impact exceeds the threshold by 28%, however it falls below the existing Federal Conditions of Approval for the Project which allows for impacts to a maximum of 66.94 hectares. Note that 70.69 hectares will persist beyond the extent of the Indicative Development Footprints within the Development Corridors.

A total of 49 BioNet Atlas records of the species occur in the Inland Slopes (NSW – South Western Slopes) IBRA subregion, and 230 in the Murrumbateman (South Eastern Highlands) IBRA subregion. Of these, eight records occur within the Development Corridor, constituting 2.9% of the records in the relevant subregions. Due to the extensive nature of surveys within the Development Corridors compared to the surrounding region, this percentage is considered likely to be a reasonable estimate, if not over-estimate, of the proportion of golden sun moth population to be impacted by the Project.

Project impacts are likely to lead to a decline in a small percentage (up to 2.9%) of the known population recorded in the surrounding region. This is associated with a direct loss of individuals (including mortality during the construction phase of both adults and underground larvae) and removal of habitat. Areas of habitat within the Indicative Development Footprints will be fragmented during construction and operation, but are unlikely to cause large barriers or isolate populations such as breaks of 200 m or more that will restrict dispersal and movement pathways.

The Project will result in impacts to 43.20 hectares of known habitat for golden sun moth habitat across ten main habitat areas within the Indicative Development Footprints. The quality of similar adjacent habitat areas which may be utilised have potential to change due to edge effects such as shading, wind, altered hydrology and weed invasion. However, given the already disturbed nature of the Indicative Development Footprints, edge effects are unlikely to cause a decline in remaining habitats.

The Proponent is committed to implementing the hierarchy of avoidance measures through the final design phase of the Indicative Development Footprints. It is expected that additional avoidance and disturbance minimisation will be possible for the Project. Environmental management during construction will include weed control and hygiene protocols to minimise weed dispersal, and will be designed to minimise risks associated with herbicide use. The offset package for the Project may provide opportunities for linking, enhancing or establishing additional populations.

3.7 Prescribed Impacts from Turbine Strikes – Birds and Bats

This submission was discussed with BCD on Tuesday 23 June 2020 in a meeting between Umwelt, Tilt Renewables and BCD.

For both birds and bats, the revised BDAR must include an assessment of the impacts of wind turbine strikes on threatened species (Section 9.2.1.8 of the BAM):

…

The mitigation measures for prescribed impacts should be in line with Sections 2.6 and 2.7 of the BAM Stage 2 Operational Manual. If mitigation measures or adaptive management are not applicable, the Applicant should offset for prescribed impacts in accordance with Section 2.5.4 BAM Stage 2 Operational Manual.

BCD is of the opinion that the increased impacts resulting from large increases in total Rotor Sweep Area (RSA) are not necessarily compensated for by the reduction in turbines. For example, BCD disagrees with the conclusion that the difference in risk to Scarlet Robin, Flame Robin, Painted Honeyeater and Varied Sittella will be negligible due to the reduced number of turbines. This conclusion would be more accurate if Scarlet Robin, Flame Robin, Painted Honeyeater and Varied Sittella were only recorded from the turbines removed.

Umwelt has prepared Prescribed Impact Assessments to address Criterion a–k of Section 9.2.1.8 a–k of the BAM (OEH 2017a) for nine threatened bird species, one non-threatened bird species and four threatened bat species. This assessment is provided in full as Appendix G of the revised BDAR (Umwelt 2020b). Species considered to be the most aerial threatened species and therefore the most likely to be impacted by the Project were selected for inclusion in this assessment based on the results of bird utilisation surveys conducted in the survey area by NGH in 2012/13 and Umwelt in 2018/19. One non-threatened species, the wedge-tailed eagle, was also assessed due to its known susceptibility to blade strike. Umwelt consulted with BCD in the preparation of these assessments.

Threatened species assessed comprised:

- little eagle (*Hieraaetus morphnoides*)
- black falcon (*Falco subniger*)
- superb parrot (*Polytelis swainsonii*)
- white-throated needletail (*Hirundapus caudacutus*)
- white-fronted chat (*Epthianura albifrons*)
- brown treecreeper (*Climacteris picumnus victoriae*)
- varied sittella (*Daphoenositta chrysoptera*)
- painted honeyeater (*Grantiella picta*)
- dusky woodswallow (*Artamus cyanopterus*)
- large bent-winged bat (*Miniopterus schreibersii oceanensis*)

- yellow-bellied sheathtail bat (*Saccolaimus flaviventris*)
- southern myotis (*Myotis macropus*)
- eastern false pipistrelle (*Falsistrellus tasmaniensis*).

The prescribed impact assessments broadly involved predicting the likelihood of impact on the above-mentioned species, followed by a prediction of the rate of impact per turbine per year. These components were prepared in consultation with BCD, and based on detailed analysis of collected data for the Project and existing literature. Subsequently, Umwelt prepared comprehensive risk assessment methods, allowing for an estimation of overall risk. An assessment of likelihood and consequence of impact was then undertaken for each of the 14 species.

The relative risk of blade strike for the eleven species assessed here was estimated using two criteria to ascribe likelihood of risk and four criteria to ascribe consequence of risk (**Table 3.6, Table 3.7**). These six criteria were employed in a recent study conducted with the aim of developing a science-based approach to aid decision-making regarding turbine collision risk for birds and bats in Victoria (Lumsden *et al.* 2019). Each criterion was either adopted unchanged or was adjusted for the purposes of this current assessment as appropriate to ensure the particulars of each criterion was relevant to specific aspects of the Project such as geographic location. For the purposes of this assessment, Criterion A, C and F were slightly altered, Criterion B was substantially altered and the thresholds and spatial scale for Criterion E were adjusted.

Table 3.6 Criteria used to ascribe likelihood of risk

A	B
Known or likely frequency of flights within RSA height	Status or frequency of occurrence in the Project Area

Table 3.7 Criteria used to ascribe consequence of risk

C	D	E	F
Highly localised or concentrated population (for whole or part of lifecycle), such that siting of wind farm could have significant consequence to regional, national or international population	Impact on population relative to demographic capacity to replace fatalities (i.e. generalised combination of dispersal capacity of potential replacements, fecundity and generation time)	Known or estimated size of national or global population	Listed conservation status under the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act) and/or the BC Act

Each species was ranked either low, moderate or high for each criterion depending on which is most appropriate in consideration of the assessed species' ecology and observed or predicted utilisation of the Study Area. Descriptions for each ranking are outlined in (**Table 3.8**).

Criterion A (flight height) was assessed by identifying the frequency of flights observed between 30 m and 200 m in the Study Area, and assessing this with consideration of observed and reported flight behaviour from elsewhere in Australia. Given that flight height data for bird and bat species in Australia is scant and observation data from pre-construction surveys at wind farms sites is largely unavailable, estimates of flight height require an adequate number of observations from the assessed site coupled with consideration of expert opinion on known flight behaviour for each species assessed. This Criterion is important as flight height is the primary variable through which a relative estimate of collision risk can be reached.

Criterion B (status in Project Area) was assessed by determining the status or estimating the frequency of occurrence in the Project Area. This Criterion is included as it is an essential component for estimating overall blade strike risk.

Criterion C (geographic population concentration) was assessed by estimating the degree to which a species' population may be concentrated due to site related factors such as geographic location, habitat type, proximity to important habitat or roost locations (i.e. significant wetlands, roost caves) and how this relates to the specific landscape in which the Project Area is located. Lumsden *et al*. (2019) noted that this criterion is intended to account for situations where the degree to which a taxon is geographically concentrated may influence the risk posed by the particular location of a wind farm. Where large flocks or aggregations are involved the concentration of individuals may be for short seasonal periods, but may nonetheless substantially heighten risk to a large portion of a species' total population. This is particularly important if a large proportion of a species' population passes through a localised area, such as a migratory corridor, over the course of each seasonal passage.

Criterion D (demographic resilience) was assessed through consideration of known aspects of each assessed species breeding biology and, most specifically, the nature of species' life-history traits. This criterion is included in the risk assessment as it is necessary to estimate the capacity to which a species' may replace individuals lost to mortality resulting from blade strike.

Criterion E (population size) is included to account for the variation in the significance of mortality of a given number of individuals between species as a result of the large variation in assessed species' national or global populations. This, when assessed in combination with Criterion D provides a measure through which the relative vulnerability of a species to loss of individuals can be estimated.

Criterion F (listed conservation status) refers to the status of bird and bat species listed under the EPBC Act or the BC Act. In instances where a species listing differs between Acts, for example one that is listed vulnerable under the EPBC Act and endangered under the BC Act the most threatened listing category is selected for the purposes of this assessment. Species listed as migratory and/or marine under the EPBC Act are not assigned a rank for this criterion.

Table 3.8 Descriptions of each ranking for Criterion A-F

	Criterion A	Criterion B	Criterion C	Criterion D	Criterion E	Criterion F
Low	Species that do not or rarely fly at RSA height	Species that rarely occur in the Project Area.	Species that are widely distributed within areas of suitable habitat and the habitat itself is relatively widely dispersed	Species that form breeding territories and that have a reasonable proportion of the population as nonbreeding 'floaters' that can rapidly replace breeding territorial adults if lost; species that may or may not form breeding territories and that are short-lived and have high fecundity; species that have capacity for long range or widespread juvenile or sub-adult dispersal	Total population (i.e. whether that corresponds to the national population of Australian endemics or a migrant's global population) is estimated to number more than 20,000 individuals	Species not listed or listed as near threatened or data deficient under the EPBC Act or the BC Act
Moderate	Species which regularly fly below RSA height and occasionally fly at RSA height	Species that occasionally occur in, or occasionally move through the Project Area	Species that may be more widespread or have greater flexibility in the range of suitable habitat availability, but where a high proportion of their population is likely to be concentrated at sites where they do occur	Species with life-history characteristics that sit between the low and high descriptions here	Total population is estimated to number between 5,000 and 20,000 individuals	Species listed as vulnerable under the EPBC Act or the BC Act
High	Species in which a high proportion of flight activity is at RSA height	Species that regularly occur in, or regularly move through the Project Area	Bat species that have major aggregations at a few caves, or bird or bat species that have either very restricted distributions or those where a substantial proportion of a population may move through certain areas (i.e. migratory pathways)	Species that form breeding territories but where there is limited capacity for a lost breeding adult to be readily replaced; species that do not form breeding territories and that are long-lived and/or have low fecundity; species that may have short-distance juvenile or sub-adult dispersal capacity only	Total population is estimated to number less than 5,000 individuals	Species listed as endangered or critically endangered under the EPBC Act or the BC Act

Estimates of overall risk for each assessed species were determined by following an approach similar to that employed by Lumsden *et al*. (2019) with the most notable exception being the difference in spatial scale for which resulting estimates of risk are intended to be relevant to (i.e. state-wide vs site-specific). Elements of the likelihood and consequence of collision were combined to form an overall qualitative risk category ('low'/'moderate'/'high') specific to the Project for the likelihood of collision and the consequence of collision. Likelihood of collision questions (Criterion A and B) and consequence of collision questions (Criterion C to F) were combined in a generally additive process to determine whether the overall likelihood and consequence of collisions was 'low', 'moderate' or 'high'.

For the overall estimate of **likelihood of collision** to be considered 'high', then at least Criterion A or Criterion B must be considered 'high' and neither could be considered 'low'. To be considered 'low', the rank for both these criteria must be 'low'. All other combinations are considered 'moderate'.

For the overall estimate of **consequence of collision**, the modal response of Criterion C, Criterion D, Criterion E and Criterion F was used as the estimate. In cases where responses are evenly spread between two risk ratings, the higher risk rating was designated. In cases where the risks were spread across all three levels, 'low'; ''moderate' and 'high', a 'moderate' risk was selected. The exception was in cases where the risk associated with criterion C for localised concentration was 'high'. It was considered that the consequences of high mortality due to wind turbine collisions for species that have a limited distribution and/or are highly concentrated is sufficiently large such that, if a species risk associated with this element was 'high', the consequences of collision should also be set to 'high', irrespective of the risks of the other criteria.

Once the overall risk levels for the likelihood and consequence of collision specific to the Project had been assigned for a species, the results were then placed into a risk matrix to determine the level of concern (**Table 3.9**). Five categories of risk were used, namely 'negligible', 'low', 'moderate', 'high' and 'severe', based on the combination of the scores for likelihood and consequence.

Table 3.9 Risk matrix

		Consequence of collisions		
		Low	Moderate	High
Likelihood of collisions	Low	Negligible	Minor	Moderate
	Moderate	Minor	Moderate	High
	High	Moderate	High	Severe

Of the 14 species assessed, five are considered a high risk, six are considered a moderate risk and three are considered a minor risk of being impacted by the Project (**Table 3.10**). The resultant risk rating for these species is primarily due to their relative abundance in the Project Area, their predicted or observed flight behaviour in the Project Area and/or their known susceptibility to blade strike at wind farms in south-east Australia. For each of the five species assigned an overall risk rating of high, the likelihood of collisions was considered high whilst the consequence of collisions was considered moderate.

The risk rating for the black falcon and little eagle largely reflects the potentially high consequence of small numbers of instances of blade strike of this species. The risk rating for white-throated needletail largely reflects the high likelihood of collision of birds in the Project Area given their known susceptibility to blade strike at other wind farms in Australia and the number and nature of observations in the Project Area during 2018/19. The risk rating for superb parrot and large bent-winged bat partly reflects the high importance of the greater region for both species, combined with factors such as the number and nature of observations in the Project Area.

Table 3.10 Risk Assessment Summary

Common Name	Latin Name	Likelihood	Consequence	Risk Rating
Little eagle	*Hieraaetus morphnoides*	High	Moderate	High
Black falcon	*Falco subniger*	High	Moderate	High
Wedge-tailed eagle	*Aquila audax*	High	Low	Moderate
Superb parrot	*Polytelis swainsonii*	High	Moderate	High
White-throated needletail	*Hirundapus caudacutus*	High	Moderate	High
White-fronted chat	*Epthianura albifrons*	High	Low	Moderate
Brown treecreeper	*Climacteris picumnus victoriae*	Low	Moderate	Minor
Varied sittella	*Daphoenositta chrysoptera*	Moderate	Low	Minor
Painted honeyeater	*Grantiella picta*	Moderate	Moderate	Moderate
Dusky woodswallow	*Artamus cyanopterus*	High	Low	Moderate
Large bent-winged bat	*Miniopterus schreibersii oceanensis*	High	Moderate	High
Yellow-bellied sheathtail bat	*Saccolaimus flaviventris*	Moderate	Moderate	Moderate
Southern myotis	*Myotis macropus*	Low	Moderate	Minor
Eastern false pipistrelle	*Falsistrellus tasmaniensis*	Moderate	Moderate	Moderate

We also seek clarification regarding the distance between the maximum canopy height and minimum rotor sweep height at all turbines which are to be located within intact woody native vegetation as this is relevant to the impact on the woodland bird species.

The minimum RSA height for the modified project is 33 m. The majority of remnant vegetation within the Indicative Development Footprints is Vegetation Zone 5, PCT 351. This remnant forest does typically not support a tall canopy. The stands identified in the Indicative Development Footprints ranged between 10 m and 18 m in height. Compared with the minimum RSA, this presents a height difference of 15-23 m. However in some more mature patches of this vegetation community the canopy is likely to exceed 20 m in height and range up to 23 m. The VIS profile for PCT 351 does not identify a typical maximum height.

BCD are particularly concerned about the impact of the modifications on the threatened taxa shown to fly within RSA such as White-throated Needletail, White-fronted chat, Superb Parrot, Dusky Wood swallow and raptors such as Black Falcon, Little Eagle, and the non-threatened Wedge-tailed Eagle. We agree with the conclusion that there will be an increased risk of blade strike to these species. However, we disagree with the Test of Significance in Table 3.6 which states that the proposed modification is unlikely to increase the level of risk, as many of the conclusions are assumed and it is not clear what evidence the Applicant relied upon to draw the conclusions.

We refer to the prescribed impact assessment prepared for the project which is provided in full as Appendix G of the revised BDAR (Umwelt 2020b).

As presented above in **Table 3.10** (from the prescribed impact assessment) the risk ratings for the species specifically mentioned in this particular submission range between Moderate and High.

Due to the clear increase in the risk of turbine strike to several threatened bird species, the Applicant should commit to a very rigorous monitoring and mitigation protocol containing species-specific mitigation measures for each of the species identified to be at higher risk of turbine strike. These mitigation measures for prescribed impacts should be in line with Sections 2.6 and 2.7 of the BAM Stage 2 Operational Manual. If mitigation measures or adaptive management are not applicable, the Applicant should offset for prescribed impacts in accordance with Section 2.5.4 BAM Stage 2 Operational Manual.

Rigorous monitoring and mitigation protocols will be prepared as part of the forthcoming BBAMP. A range of components that will form part of this management plan are summarised in in Section 4.3 of the revised BDAR (Umwelt 2020b), however the BDAR itself is not appropriate to capture the necessary detail on the management and mitigation actions in relation to turbine strike.

Measures for prescribed impacts will be prepared in line with Sections 2.6 and 2.7 of BAM Stage 2 Operational Manual. Detail about the need for prescribed impacts in accordance with Section 2.5.4 BAM Stage 2 Operational Manual. Umwelt will consult and liaise with BCD through the planning and preparation of the BBAMP to ensure the adequacy of the document.

3.8 Prescribed Impacts from Turbine Strikes – Microbats

This submission was discussed with BCD on Tuesday 23 June 2020 in a meeting between Umwelt, Tilt Renewables and BCD.

… there are a large number of 'possible' Large Bent-winged Bat calls in shown in Tables 4.3 and 4.4, relative to the number of 'definite' and 'probable' calls. This a trigger for further and more detailed investigation. It is recommended that the following information is provided:

- **Description on the method used to classify calls into 'definite' 'probably and 'possible' categories.**
- **Information on the temporal distribution of the possible calls in terms of mean number of calls per hour and per day including whether there any noticeable spikes in activity or were these calls a consistent 'background' noise.**
- **Information on whether there a similar level of uncertainty about the number of calls detected for Eastern False Pipistrelle, Yellow-bellied Sheathtail bat and Southern Myotis.**

Umwelt sought expert bat call identification by EchoEcology for the package of call analysis for the Project. The original report is provided in full in **Appendix 1**, however a summary of the methodology used for the call analysis is provided below.

EchoEcology identify bat echolocation calls recorded using Anabat Insight (Titley Electronics, Version 1.9.0-5) software. A noise filter is first applied to the dataset (EE_Allbats1.als, in Anabat Insight). The identification of calls is then undertaken with reference to Pennay et al. (2004) and Corben (2010) and through the comparison of recorded reference calls from the western plains. Reference calls were obtained from the NSW database as well as from an EchoEcology personal collection.

Each call sequence ('pass') was assigned to one of five categories, according to the confidence with which an identification could be made, being:

- Definite - Pass identified to species level and could not be confused with another species,
- Probable - Pass identified to species level and there is a low chance of confusion with another species,

- Possible - Pass identified to species level but short duration or poor quality of the pass increases the chance of confusion with another species,

- Species group - Pass could not be identified to species level and could belong to one of two or more species. Occurs more frequently when passes are short or of poor quality, and

- Unknown - Either background 'noise' files or passes by bats which are too short and/or of poor quality to confidently identify.

Passes that were less than three pulses in length were not analysed and were assigned to 'Unknown' and only search phase calls were analysed. Furthermore, some species are difficult to differentiate using bat call analysis due to overlapping call frequencies and similar shape of plotted calls. In such cases, these calls were assigned to species groups.

Echolocation calls of the large bent-winged bat (*Miniopterus orianae oceanensis*) are difficult to confidently identify from other species that overlap in characteristic frequency, including *Vespadelus darlingtoni*, *Vespadelus regulus*, *Vespadelus vulturnus* and possibly *Chalinolobus morio*. For this project, EchoEcology identified the large bent-winged bat confidently (definite or probable classifications) where the characteristic feeding buzz (stepped feeding buzzes that lack the first attack phase - see Corben (2010)) were recorded. All other call sequences were assigned to a possible classification or a species group.

Uneven pulse spacing is a characteristic that is sometimes used to help identify the large bent-winged bat from *Vespadelus* spp. However, this was found to be unreliable for the package of calls on this Project. Many of the *Vespadelus* spp. calls that EchoEcology identified confidently (by feeding buzz), were found to have uneven pulse spacing. Therefore, uneven pulse spacing did not use this attribute as a factor to assist with call identification.

EchoEcology found that the maximum amplitude of pulses was also not particularly useful in distinguishing large bent-winged bat from *Vespadelus* spp. for this dataset when using Anabat Insight. This is contrary to other studies using different software (M. Pennay pers comm.).

As confident identification of the large bent-winged bat was found to be difficult, EchoEcology focused on using call characteristics to exclude the large bent-winged bat from species groups such as the presence of *Vespadelus* spp. feeding buzzes (which were frequently recorded) and doppler effect often found in calls from *Vespadelus* spp.

EchoEcology applied Michael Pennay's (2004) method of differentiating the large bent-winged bat from *Vespadelus*, however there was difficulty in getting consistency with these parameters in the Anabat Insight program. EchoEcology also found examples of where their previous rules for the large bent-winged bat were violated by *Vespadelus* calls. As a result, the confidence level of large bent-winged bat identifications is quite low unless feeding buzzes are present, which are more common in full spectrum datasets that were recorded for this Project.

EchoEcology note that agency staff are the only ones to have done recent work on large bent-winged bat calls in the region. As it is highly likely that either one or both individuals are assisting BCD on this matter for the Project it is not possible to provide the dataset to a third party for a different opinion as this would likely be a conflict of interest.

It is recommended that further data is collected for the Large-Bentwing Bat migration in Spring 2020 and Autumn 2021, the survey period was too short. BCD recommends liaising with Dr Doug Mills about survey timing.

Umwelt wish to clarify the timing and length of surveys that were undertaken for the large bent-wing bat surveys as part of the baseline surveys to facilitate the future Bird and Bat Adaptive Management Plan.

The Bird and Bat Adaptive Management Plan is a Consent Condition (23) of the current State Development Consent (SSD 6693) for the Project. Part of this Consent Condition (23[a]) requires that "at least 12 months' worth of baseline data on threatened and 'at risk' bird and bat species and populations…". In developing the survey program for the Bird and Bat Adaptive Management Plan Umwelt consulted with BCD, in person and through email correspondence, to clarify and understand the expectations for this package of works. Consultation was also made with the Department of Planning, Industry and Environment (DPIE), whose staff provided verbal approval of the proposed survey program.

In relation to surveys specific to migration events of the large bent-wing bat, the following points document the specific consultation undertaken with BCD and the resultant survey effort.

- Umwelt corresponded with Virginia Thomas (BCD) regarding the spring migration event for the large bent-wing bat. This migration event sees the species travel from the coast, back to the maternity cave at Wee Jasper, NSW. It was identified that the migration period for this species occurs between early October and late November. The spring 2018 baseline surveys completed by Umwelt for the Bird and Bat Adaptive Management Plan, spanned 5-22^{d} November 2018, totalling 18 nights. This survey program included 30 survey sites, comprising 24 ground sites and six meteorological mast sites (i.e. installed at height). The table below (**Table 3.11**) indicates the number of survey nights for each of the 30 survey sites. We note that one of the meteorological mast sites was surveyed 8-22 November (15 nights), another 9-22 November (14 nights), another 8-21 November (14 nights) and the remaining three sites were surveyed 9-21 November (13 nights). This assessment found that 285 survey nights within the spring 2018 migration event were captured.

- Umwelt corresponded with Doug Mills (BCD) regarding the autumn migration event for the large bent-wing bat. This migration event sees the species travel from the maternity cave at Wee Jasper, NSW to the coast. It was confirmed through consultation with BCD that the migration event had commenced on 25 March 2019. BCD were due to undertake detailed counts on 26 March 2019, but estimated the migration event would span about 7 – 10 days. Umwelt later received confirmation from BCD that the migration event would be likely to cease by 10 April 2019. The migration event has therefore been presented as 25 March to 10 April 2019. The autumn 2019 baseline surveys completed by Umwelt for the Bird and Bat Adaptive Management Plan, spanned in total 1 March until 16 April 2019, a total of 47 nights. This survey program included 24 survey sites, comprising 18 ground sites and six meteorological mast sites (i.e. installed at height). The table below (**Table 3.12**) indicates the number of survey nights for each of the 24 survey sites. This table is split horizontally to capture the surveys through April 2019 at the top and March 2019 at the bottom. The autumn migration event (25 March to 10 April 2019) is emphasised with a bolded outline. The far-right columns indicate the number of survey nights within the specific dates of the migration event and also a total number of survey nights. Across the six meteorological mast sites, surveys covered 83 nights during the confirmed migration period. This assessment found that a total of 533 survey nights occurred during the autumn 2019 survey period, of which 222 survey nights occurred within the autumn 2019 migration period.

Shaded blue cells in **Table 3.11** and **Table 3.12** indicate nights where the Anabat detectors were installed and operational. Shaded orange cells indicate nights where the Anabat detectors were installed but had technical issues including damage incurred from high winds and/or storms.

Based on the summary above and information provided below, no additional surveys are required to capture either the spring or autumn migration periods of the large bent-wing bat.

Table 3.11 Survey nights for the spring 2018

Site	November 2018																		Total number of survey nights
	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
Ground					■	■	■	■								■	■	■	**7**
Ground				■	■	■	■								■	■	■		**7**
Ground	■	■	■					■	■	■	■	■	■	■					**10**
Ground		■	■	■					■	■	■	■	■	■	■				**10**
Ground	■	■	■					■	■	■	■	■	■	■					**10**
Ground				■	■	■	■								■	■	■		**7**
Ground					■	■	■	■								■	■	■	**7**
Ground					■	■	■	■								■	■	■	**7**
Ground				■	■	■	■								■	■	■		**7**
Ground				■	■	■	■								■	■	■		**7**
Ground				■	■	■	■								■	■	■		**7**
Ground					■	■	■	■								■	■	■	**7**
Ground					■	■	■	■								■	■	■	**7**
Ground		■	■	■					■	■	■	■	■	■	■				**10**
Ground		■	■	■					■	■	■	■	■	■	■				**10**
Ground		■	■	■					■	■	■	■	■	■	■				**10**
Ground		■	■	■					■	■	■	■	■	■	■				**10**
Ground	■	■	■					■	■	■	■	■	■	■					**10**
Ground	■	■	■					■	■	■	■	■	■	■					**10**
Ground					■	■	■	■								■	■	■	**7**

Site	November 2018																		Total number of survey nights
	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
Ground																			10
Ground																			10
Ground																			9
Ground																			7
Met-Mast																			14
Met-Mast																			13
Met-Mast																			13
Met-Mast																			14
Met-Mast																			15
Met-Mast																			13
																		Total	**285**

Table 3.12 Survey nights for the autumn 2019

	March 2019																														Migration Nights	Total Nights
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
Ground																																	0	0
Ground																																	0	0
Ground																																	0	0
Ground																																	0	0
Ground																																	7	31
Ground																																	0	0
Ground																																	0	0
Ground																																	0	0
Ground																																	0	0
Ground																																	0	0
Ground																																	0	0
Ground																																	7	31
Ground																																	7	31
Ground																																	7	31
Ground																																	7	31
Ground																																	7	31
Ground																																	7	31
Met-Mast																																	0	18
Met-Mast																																	5	22

Met-Mast																																							5	29
Met-Mast																																							7	24
Met-Mast																																							7	31
Met-Mast																																							5	29
																																						Sub-total	78	370
	April 2019																																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17																							
Ground																																							7	7
Ground																																							3	9
Ground																																							7	7
Ground																																							3	9
Ground																																							3	3
Ground																																							7	7
Ground																																							7	7
Ground																																							7	7
Ground																																							7	7
Ground																																							7	7
Ground																																							7	8
Ground																																							3	3
Ground																																							3	3
Ground																																							3	3
Ground																																							3	3
Ground																																							3	3

Ground																																	**3**	**3**
Met-Mast																																	**9**	**10**
Met-Mast																																	**9**	**10**
Met-Mast																																	**9**	**10**
Met-Mast																																	**10**	**11**
Met-Mast																																	**7**	**8**
Met-Mast																																	**10**	**11**
Sub-total																																	**144**	**163**
Total																																	**222**	**533**

BCD does not agree with the conclusion from the data presented that - 'the difference in the level or risk of blade strike to Large Bent-winged Bat under the existing design versus the proposed modification is uncertain.'

This is based on an artificial partitioning of bat activity into vertical space. According to EES's microbat expert, Dr Doug Mills, there is no reliable evidence that bats partition in vertical space above and below rotor sweep height. For instance, the lower detection rate observed at the 45 m AGL instruments may just be a function of a smaller detection radius at elevation due to higher windspeeds – i.e. a false negative result. Defining risk in such narrow terms without correcting for differences in detectability among instruments risks understating it. For instance, it may not be clear how frequently Large Bent-winged Bats fly within RSA, however it is certain that they do, and therefore increasing the total RSA by almost 50% certainly elevates the risk of turbine strike to this species as well to Yellow-bellied Sheathtail bat.

Umwelt has prepared Prescribed Impact Assessments to address Criterion a – k of Section 9.2.1.8 a- k of the BAM (OEH 2017a) for six threatened bird species and four threatened bat species. Species considered to be the most aerial threatened species and therefore the most likely to be impacted by the Project were selected for inclusion in this assessment based on the results of bird utilisation surveys conducted in the survey area by NGH in 2012/13 and Umwelt in 2018/19. The large bent-winged bat and yellow-bellied sheathtail bat were considered in this assessment.

The preparation of this assessment replaces the previous Operational Bird and Bat Impact Assessment as the current document includes more specific detail.

Based on the methodology identified above in **Section 3.7** the revised assessment found that the large bent-winged bat has a High- Likelihood and Moderate – Consequence, concluding with an overall High – Risk Rating. Key factors considered in this assessment was the species occasionally flying at RSA in the Project Area, confirmation that the species either occasionally or regularly occurs in the Project Area and lack of spike in activity of confirmed and potential calls for the large bent-winged bat.

For the yellow-bellied sheathtail bat, the revised assessment found that the species has a Moderate - Likelihood and Moderate – Consequence, concluding with an overall Moderate – Risk Rating. Key factors considered in this assessment was the species is likely to regularly fly below RSA and occasionally at RSA, likely to seasonally occur in or move through the Project Area, being a widely distributed species within areas of suitable habitat across its range and the habitat itself is relatively widely dispersed.

In order to predict or measure the cumulative impacts of the Project on the large bent-winged bat and yellow-bellied sheathtail bat, it is first necessary for the effects of all other relevant wind farms to be quantified to a consistent standard and to be available (Moloney et al. 2019). In the absence of this information, a summary including an examination of basic factors such as species distribution relative to nearby wind farms and the total number of turbines in the region was undertaken.

At present there are a total of 122 operational turbines in the region with a further 131 under construction and 75 approved. Therefore, the installation of 80 turbines approved at Rye Park Wind Farm will result in a 32% increase in the number of turbines in the region (assuming prior completion of the three wind farms currently under construction). It is noted that the impact of each turbine on the species assessed here would not be equal across the region considering variability in abundance and site occupancy at multiple spatial scales (i.e. landscape scale, within wind farm scale) and variability in turbine specifications would influence the likelihood of collisions.

The survey data demonstrates, at the very least, that the risk of turbine strike is elevated for Large Bent-wing Bat and Yellow-bellied Sheathtail Bat. We disagree with the Test of Significance in Table 4.5 which states that the proposed modification is unlikely to increase the level of risk. Many of the conclusions are assumed and it is not clear what evidence the Applicant relied upon to arrive at the conclusions.

As per above statement.

Due to the clear elevation of risk to threatened microbats from turbine strikes, the Applicant should commit to a very rigorous monitoring and mitigation protocol containing species-specific mitigation measures for each of the species identified to be at higher risk of turbine strike. These mitigation measures for prescribed impacts should be in line with Sections 2.6 and 2.7 of the BAM Stage 2 Operational Manual. If mitigation measures or adaptive management are not applicable, the Applicant should offset for prescribed impacts in accordance with Section 2.5.4 BAM Stage 2 Operational Manual.

BCD would like to engage early with the Applicant about what this monitoring protocol would entail.

Rigorous monitoring and mitigation protocols will be prepared as part of the forthcoming BBAMP. A range of components that will form part of this management plan are summarised in Section 4.3 of the revised BDAR (Umwelt 2020b).

Measures for prescribed impacts will be prepared in line with Sections 2.6 and 2.7 of BAM Stage 2 Operational Manual. Detail about the need for prescribed impacts in accordance with Section 2.5.4 BAM Stage 2 Operational Manual. Umwelt will consult and liaise with BCD through the planning and preparation of the BBAMP.

Furthermore, as detailed in our comments above on SAII, an SAII assessment is required for Large Bent-winged Bat. This information can also be used to inform the bird and Bat adaptive management plan.

An SAII assessment has been completed for the large bent-winged bat, please refer to **Section 3.6** above.

A summary of monitoring requirements, impact triggers and mitigation measures that will be developed as part of the BBAMP is provided in Section 4.3 of the revised BDAR (Umwelt 2020b). Umwelt will consult and liaise with BCD through the planning and preparation of the BBAMP.

3.9 Prescribed impacts from removal of non-native vegetation supporting GSM

'The BDAR needs to be updated in accordance with Section 9.2.1.4 of the BAM to include a prescribed impacts assessment for the removal of non-native vegetation which might support GSM. The mitigation measures for prescribed impacts should be in line with Sections 2.6 and 2.7 of the BAM Stage 2 Operational Manual. If mitigation measures or adaptive management are not applicable, the Applicant should offset for prescribed impacts in accordance with Section 2.5.4 BAM Stage 2 Operational Manual.'

Non-native Vegetation makes up 105.18 hectares within the Indicative Development Footprints. An assessment of prescribed impacts has been conducted for the removal of non-native vegetation within the Indicative Development Footprints with potential to support the golden sun moth (*Synemon plana*).

Umwelt have completed a careful and detailed analysis in assigning the GSM species polygon as part of the revised BDAR (Umwelt 2020b, this is described in **Section 3.2.1.**

An assessment of non-native vegetation supporting GSM has been assessed for prescribed impacts, as per Section 9.2.1.4 of the BAM, and is provided in Section 5.3.5 of the revised BDAR (Umwelt 2020b)**.**

The golden sun moth has been recorded at several locations within the Indicative Development Footprints during surveys conducted by NGH and Umwelt. Consistent with the impact assessment for this species in the Biodiversity Assessment and Biodiversity Assessment Addendum (NGH Environmental 2014 and 2016a), species habitat polygons were developed based on the extent of Vegetation Zones 4 and 6 (i.e. recorded DNGs) that intersect with 200 m buffers of known records for the species. As a result of these buffers, 18.77 hectares of non-native vegetation fall within the habitat buffers for the species.

This non-native vegetation comprises grassland areas have been extensively cleared of native flora species through intensive and historic agricultural land use. They predominantly support exotic grasses and herbs, the most abundant including squirrel tail fescue (*Vulpia bromoides*), soft brome (*Bromus hordeaceus*), silvery hairgrass (*Aira cupaniana*), prairie grass (*Bromus catharticus*), red brome (*Bromus rubens*) and paspalum (*Paspalum dilatatum*).

While these non-native vegetation areas occur within the habitat buffers for the golden sun moth, it is noted that the presence of native grass species utilised by the golden sun moth (i.e. *Rytidosperma* spp. and *Austrostipa* spp.) in these areas generally occur in close proximity to the mapped PCT 350 and PCT 351 DNGs. As distances from these PCTs increase, it is likely that so do occurrences of exotic pasture weeds that do not facilitate foraging or breeding for the species. Currently, the species is only known to occur in degraded grasslands when they are dominated by the exotic Chilean needlegrass (*Nassella nessiana*) (DEWHA 2009) and also serrated tussock (*Nassella trichotoma*). The former has not been recorded and the latter has only been recorded in very scattered occurrences within any of the areas of non-native vegetation occurring in the Indicative Development Footprints.

While this assessment includes the total 19.68 hectares of non-native vegetation which occurs within the golden sun moth habitat buffers, it is likely that the area of non-native vegetation with potential to be utilised by the species is considerably lower. Those areas of non-native vegetation used by the species would be based on the sporadic presence of native grass species, and are considered sub-optimal habitat.

Following this assessment, it is not considered likely that the removal of non-native vegetation occurring in golden sun moth habitat buffers will affect any populations in such a way that they will become extinct, or have their movement restricted so that existing dispersal patterns are significantly affected. Consequences of the removal of 19.68 hectares of non-native vegetation are considered to be minor on both a local and regional scale.

3.10 Mitigation and Minimisation Measures

The BDAR states in Section 4.3 on page 244 that mitigation measures will be described in detail in the Biodiversity Management Plan and Bird and Bat Adaptive Management Plan. However, the Section 9.3.1.2 of the BAM requires more detail at the BDAR stage by documenting –

a. the proposed techniques, timing, frequency and responsibility for implementing each measure

b. identify measures which have a risk of failure

c. evaluate the risk and consequence of any residual impacts likely to remain after mitigation measures are applied

d. document any adaptive management strategy proposed.

Umwelt has revised the mitigation measures presented in Section 4.3 of the revised BDAR (Umwelt 2020b). These changes include identifying those project roles which are responsible for the implementation of the mitigation measures.

In addition to this, we note that Umwelt do not consider it likely that any of these measures have a risk of failure if implemented correctly during the periods specified, or that significant residual impacts are likely to occur. The consequences of potential residual impacts (i.e. minor changes to habitat quality in surrounding areas) are considered to be low, due to the existing disturbed nature of the Development Corridor resulting from historic and current land management practices.

Furthermore, as the Project is required to prepare detailed management plans through consultation with BCD and other agencies, the provision of precise mitigation measures, impact triggers, evaluation of risk and consequence, or adaptive management strategies should not be necessary at this stage. The management plans required for the Project include a Biodiversity Management Plan (BMP), Bird and Bat Adaptive Management Plan (BBAMP) and Roadside Vegetation Management Plan (RVMP).

RPRE and its consultants will consult and liaise with BCD during the planning and preparation of the BMP, BBAMP and RVMP.

'The Biodiversity Management Plan (BMP) requires clear commitments to species specific mitigation measures, for instance by mitigating the disruption to connections between suitable habitat for foraging, installing predator-proof fencing around remnant Squirrel Glider habitat and implementing an integrated feral animal monitoring and control program targeting cats and foxes. BCD is willing to provide input into the BMP.'

Umwelt will consult with BCD at the time in which the BMP is being prepared. All consideration will be made for relevant mitigation measures for species specifically being impacted by the Project.

4.0 Public Submissions

4.1 Submitter ID S-126141

4.1.1 Disturbance Area

> The original assessment was based on an estimated a disturbance area of only 254 ha. The indicative development footprint for the modified project (not including external roads) is now estimated at 542 ha. This suggests that the original assessment may have drastically underestimated the extent of roads and hardstand areas actually required to construct the proposal.
>
> …
>
> If the proponent, on more detailed consideration, finds that it actually needs a footprint of 542 ha to construct the development, then it must either obtain a modification to allow for that increased footprint, or walk away from the Consent. The impacts of the proposed increased footprint should be treated as a direct impact of the modification application.

The proposed modification is being sought under section 4.55(2) of the EP&A Act, which provides for the modification of a development consent so long as the consent authority is satisfied that modification is '*substantially the same*' as the approved development. Confirmation of this approval pathway was provided by the Department of Planning, Industry and Environment (DPIE) in a letter dated 11 December 2019.

The Approved Project was based on the development footprint that was submitted as part of that assessment. The BDAR prepared for the Modified Project (Umwelt 2020a) was not designed to assess the previous development layout. The BDAR assesses the current design for the project, calculates the associated impacts and the necessary offsets. The considerable changes made to the layout between the Approved Project and the Modified Project is one of the main factors that led to the requirement for a new BDAR to be prepared for the assessment of the modified project. If the new design/footprint was more similar to the Approved Project, then a less detailed biodiversity assessment would have been required.

The infrastructure and construction activities that make up the Indicative Development Footprint – Wind Farm are consistent with the Approved Project, comprising wind turbines and their foundations, hard stands, internal access tracks, transmission lines, underground cabling and a range of associated infrastructure. However, the length, location and area of their associated ground disturbance has been revised (Rye Park Renewable Energy Pty Ltd 2020).

An extensive design optimisation process was undertaken to inform the Modification Application to ensure that the ground disturbance was not underestimated and that the Project is constructible. The process has included 12D modelling of the civil disturbance footprint of the wind farm layout to accurately represent the areas required for construction including crane pads, laydown area for blades and accurately estimating the cut and fill associated with these areas. The electrical design of the wind farm was also optimised based on analysis of electrical losses compared to the size and length of the transmission infrastructure (Rye Park Renewable Energy Pty Ltd 2020).

The overall length of these infrastructure corridors has generally decreased compared to the Approved Project. The decrease is a result of the re-design of the wind farm layout to ensure it is efficient, constructible and to avoid areas of difficult terrain and of significant biodiversity or heritage value, where

possible (Rye Park Renewable Energy Pty Ltd 2020). However, the extent of ground disturbance has largely increased, as a result of more accurately estimating the impacts associated with the internal access tracks and cabling (including cut and fill requirements and separate cabling routes) in the modified indicative layout. These changes reflect the Applicant's greater experience and knowledge compared with the assumptions used in the original EIS (Rye Park Renewable Energy Pty Ltd 2020).

The BDAR prepared for the Modification Application focuses on the Indicative Development Footprints in accordance with the BAM (OEH 2017), however the consideration of biodiversity values and surveys completed have considered the wider Development Corridors. Due to the nature of wind farm projects, whereby their impact footprints are finalised at such late stages, understanding the values in surrounding land is essential to facilitating avoidance and minimisation measures through refinement and finalisation of the Development Footprints. Thus, where relevant to do so, Umwelt (2020) presented and discussed the extent of work completed in the wider Development Corridors.

4.1.2 White Box Yellow Box Blakely's Red Gum Woodland EEC (BC Act)

As part of the overall increased footprint, the proposal to increase the clearing of White Box Yellow Box Blakely's Red Gum Woodland Endangered Ecological Community (White Box EEC) to a total of 38 ha is a very serious matter. This community is currently listed as an Endangered Ecological Community, but there is a pending determination which is likely to change this listing to critically endangered.

…

In light of the extreme threat level facing this community, it is unsatisfactory for the proponent to rely on the avoidance of 28 ha within the development corridor as a mitigation measure for the clearing of 38 ha. The objective of maintaining the quality and diversity of ecosystems is not going to be achieved by allowing the piecemeal destruction of remnants of such rare communities.

Umwelt note that in relation to the State Approval Consent Conditions, since that decision was made, the conservation status listing of White Box Yellow Box Blakely's Red Gum Woodland EEC was updated on 17 July 2020 to a Critically Endangered Ecological Community (CEEC). It is assumed that the reference to clearance thresholds to the 'Box Gum Woodland EEC' will apply to the updated CEEC.

Please refer to **Section 3.6** above for more detail on the conservation status update for White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland CEEC under the BC Act.

The current approval for the project allows for up to 50.2 hectares of the White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland CEEC to be removed. The impacts calculated in the revised BDAR (Umwelt 2020b) for the White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland CEEC total 37.50 hectares, which is 12.70 hectares less than the approved impact threshold for the community. The avoidance of 12.70 hectares is a substantially improved outcome, however it does not factor in to either mitigation or offsetting requirements. Mitigation steps that relate to White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland CEEC include demarcation of approved boundaries to avoid inadvertent impacts, avoid removal of hollow-bearing trees, implement pre-clearance surveys for key fauna habitat. A more detailed summary of mitigation measures are documented in Section 4.3 of the revised BDAR (Umwelt 2020b), however we note that the full extent of measures will be prepared through the preparation of the BMP in consultation with BCD. Offsetting will be undertaken in accordance with the Biodiversity Conservation Regulation 2017 and the BAM (see Section 8 of the revised BDAR (Umwelt 2020b)).

An SAII assessment has been completed for the White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland CEEC and is provided in Appendix F of the revised BDAR (Umwelt 2020b). It is also provided below in **Table 4.1** for consideration. The assessment was conducted in accordance with the impact assessment criteria provided in Subsection 10.2.2 (for ecological communities) of the BAM (OEH 2017).

Table 4.1 Box Gum EEC SAII Assessment

White Box Yellow Box Blakeley's Red Gum Woodland EEC	
Criteria	**Assessment**
a) The action and measures taken to avoid the direct and indirect impact on the potential entity for an SAII	The Project has gone through substantial avoidance (and minimisation) measures, through changes to the final design, in relation to the White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland CEEC . A total of 67.20 hectares of the CEEC (BC Act) in the Development Corridors has been avoided by the Project through reductions in the number of wind turbines, operation/maintenance facilities, substations, and through changes to access tracks, cabling networks and the preferred transport route. In addition, several mitigation measures will be implemented to contribute to the maintenance of habitat quality adjacent to the final Development Footprint. These avoidance and minimisation measures are described in full within Section 4.0 of the revised BDAR (Umwelt 2020b).
b) The area (ha) and condition of the TEC to be impacted directly and indirectly by the proposed development. The condition of the TEC is to be represented by the vegetation integrity score for each vegetation zone	The Indicative Development Footprints supports a total of 37.50 hectares of White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland CEEC under the BC Act within Vegetation Zones 3 (20.08 hectares) and 4 (17.42 hectares). Impact to this CEEC (BC Act) is less (12.70 hectares) than the impact threshold of 50.2 hectares for this TEC as identified in Consent Condition 19(a) of the existing State Approval (SSD 6693). Umwelt note that 31.54 hectares of White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland CEEC under the BC Act will persist within the wider Development Corridors, and considerable amounts of the CEEC (BC Act) occur beyond the Development Corridors in the local region. Applicable Vegetation Zones and their vegetation integrity score are presented below: • Vegetation Zone 3 (Moderate to Good): 76.2 (SWS IBRA)/65.0 (SHE IBRA) • Vegetation Zone 4 (Derived Native Grassland): 34.3 (SWS IBRA)/35.5 (SHE IBRA).
c) A description of the extent to which the impact exceeds the threshold for the potential entity that is specified in the *Guidance to assist a decision-maker to determine a serious and irreversible impact*	No impact thresholds have been made publicly available for candidate SAII.

White Box Yellow Box Blakeley's Red Gum Woodland EEC	
d) The extent and overall condition of the potential TEC within an area of 1,000ha, and then 10,000ha, surrounding the proposed development footprint	Umwelt used two regional vegetation mapping units to complete this analysis, being VIS Classification Map 1624 (Boorowa) and VIS Classification Map 3858 (Southern Forests). Within an approximate 1,000 hectares area surrounding the Indicative Development Footprints, approximately 100 hectares is likely to align with the CEEC (BC Act) in a similar condition to that recorded in the Indicative Development Footprints. This includes approximately 97 hectares within VIS Map 1624 and 3 hectares within VIS MAP 3858. Within an approximate 10,000 hectares area surrounding the Development Footprint, a total of 1,207 hectares is likely to align with the CEEC (BC Act) in a similar condition to that recorded in the Development Footprint. This includes approximately 1,188 hectares within VIS Map 1624 and 19 hectares within VIS MAP 3858.
e) An estimate of the extant area and overall condition of the potential TEC remaining in the IBRA subregion before and after the impact of the proposed development has been taken into consideration	This CEEC (BC Act) is known to occur within the NSW North Coast, New England Tableland, Nandewar, Brigalow Belt South, Sydney Basin, South Eastern Highlands and NSW South Western Slopes IBRA Bioregions. There is no publicly available information to determine which IBRA subregions the CEEC (BC Act) occurs in. The similarly aligned CEEC listed under the EPBC Act was described as comprising 6,721 hectares within the Boorowa Shire and a further 55,798 hectares within the South West Slopes (TSSC 2006). It is likely that all of this extant would conform with the BC Act listed CEEC. There is no publicly available information to readily complete the task of calculating the extent of the CEEC (BC Act) that occurs within the IBRA Subregions applicable to the Project.
f) An estimate of the area of the potential TEC that is in the reserve system within the IBRA region and the IBRA subregion	Within the Project IBRA Subregions, this CEEC (BC Act) is known to occur in the Benambra National Park (NP), Brindabella NP, Conimbla NP, Dananbilla Nature Reserve (NR), Ellerslie NR, Flagstaff Memorial Nature Reserve, Goobang NP, Gungewalla NR, Illunie NR, Koorawatha NR, Livingstone NP, Minjary NP, Oak Creek NR, Queanbeyan NR, Tumblong State Conservation Area and Woomargama NP (DoECCW 2010). The National Recovery Plan for the similarly aligned CEEC listed under the EPBC Act (DoECCW 2010) estimates that approximately 8,000 hectares occurs within the South Western Slopes IBRA Subregion national parks and nature reserves. There is no public information readily available to estimate the area of the CEEC (BC Act) in these reserves.

White Box Yellow Box Blakeley's Red Gum Woodland EEC	
g) The development clearing or biodiversity certification proposal's impact on: i. abiotic factors critical to the long-term survival of the potential TEC; for example, how much the impact will lead to a reduction of groundwater levels or the substantial alternation of surface water patterns ii. characteristic and functionally important species through impacts such as, but not limited to, inappropriate fire/flooding regimes, removal of understorey species or harvesting of plants iii. the quality and integrity of an occurrence of the potential TEC through threats and indirect impacts including, but not limited to, assisting invasive flora and fauna species to become established or causing regular mobilisation of fertilisers, herbicides or other chemical or pollutants which may harm or inhibit growth of species in the potential TEC	The Project is not considered likely to impact on abiotic factors critical to the long-term survival of the CEEC (BC Act). While construction impacts may include localised instances of erosion, dust pollution, noise and vibration, these will be temporary in nature. Operational impacts will include changes to water runoff patterns, however it is not considered that these changes will be so substantial that the long-term survival of the CEEC (BC Act) will be adversely affected. The Project will impact on characteristic species of the CEEC (BC Act) through the direct impacts discussed above (i.e. clearing of vegetation), and in Sections 5.1.1 and 5.2 of the revised BDAR (Umwelt 2020b). Indirect impacts to the CEEC (BC Act) are discussed in Section 5.1.2 of the revised BDAR (Umwelt 2020b). They are considered to be manageable with appropriate management and mitigation measures that would be formalised through the required management plans. Furthermore, given the extensive spread of the project design (some 36 kilometres in length from the northern to southern tip) the indirect impacts are likely to be of low magnitude temporally and spatially.
h) Direct or indirect fragmentation and isolation of an important area of the potential TEC	The Indicative Development Footprints supports a total of 37.50 hectares of White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland CEEC under the BC Act within Vegetation Zones 3 (20.08 hectares) and 4 (17.42 hectares). Umwelt note that 31.54 hectares of White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland CEEC under the BC Act will persist within the wider Development Corridors, and considerable amounts of the CEEC (BC Act) occur beyond the Development Corridors in the local region. Indirect impacts to the CEEC (BC Act) are discussed in Section 5.1.2 of the revised BDAR (Umwelt 2020b).
i) The measures proposed to contribute to the recovery of the potential TEC in the IBRA subregion	The biodiversity offset strategy for the Project will address measures of contributing to the recovery of this CEEC (BC Act) in the IBRA subregion through land-based offsets. Five potential offset sites within parcels of land adjacent to the Project have been identified for further investigation. These sites have, based on a range of preliminary surveys, the potential to generate ecosystem and species credits consistent with those impacted by the Project. This includes PCTs 298, 335, 350 and 351 ecosystem credits. This is discussed in full in Section 8 of the revised BDAR (Umwelt 2020b).

4.1.3 White Box-Yellow Box-Blakely's Red Gum Grassy Woodland and Derived Native Grassland CEEC (EPBC Act)

'This State-listed community is almost entirely co-extensive with the Commonwealth listed White Box-Yellow Box-Blakely's Red Gum Grassy Woodland and Derived Native Grassland Critically Endangered Ecological Community (**White Box CEEC**) on the site.

Given that these communities are practically the same, the assertions in the BDAR that the modification will decrease the impact of the proposal on the White Box EEC while increasing the impact on the White Box CEEC misstate the real impact.

… the modification is proposing a real increase in clearing of this community in the order of 17 ha, not a reduction of 11 ha as asserted in the BDAR.

… offsetting only creates a 'net gain' if one assumes that the second area would otherwise have been subject to clearing or mismanagement, which is not a valid assumption in the case of a protected ecological community; '

While the state-listed White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland CEEC (discussed above) and the *White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland* CEEC discussed in this section are similar entities, they have deliberately been dealt with separately given the different legislative status and protection. Both communities have distinctly different ecological condition thresholds to assess against a particular stand of vegetation. In fact, Final Determination for *White Box Yellow Box Blakely's Red Gum Woodland* EEC does not include condition thresholds, but instead identifies key characteristics to be measured against. It is for these reasons that each patch of PCT 350 - 350 Candlebark - Blakely's Red Gum - Long-leaved Box grassy woodland in the Rye Park to Yass region of the NSW South Western Slopes Bioregion and South Eastern Highland Bioregion (Vegetation Zones 3 and 4) was assessed separately against the *White Box Yellow Box Blakely's Red Gum Woodland* EEC and *White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland* CEEC.

Despite a range of avoidance and minimisation measures the Project will impact a total of 37.50 hectares of White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland CEEC under the BC Act within Vegetation Zones 3 (20.08 hectares) and 4 (17.42 hectares); and 35.73 hectares of *White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland* CEEC under the EPBC Act within Vegetation Zones 3 (19.38 hectares) and 4 (16.35 hectares).

Through the Biodiversity Assessment (NGH Environmental 2014) and the Biodiversity Assessment Addendum (NGH Environmental 2016) the Federal approval for the project allows up to 9.5 hectares of *White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland* CEEC. As per Section 5.2 of the revised BDAR (Umwelt 2020b), the project will result in impacts to 35.73 hectares of *White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland* CEEC. This presents an impact increase of 26.23 hectares for the CEEC. It is noted that 67.64 hectares of *White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland* CEEC under the EPBC Act was identified within the Development Corridors. Therefore, 31.91 hectares of the *White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland* CEEC has been avoided by the Project and will persist within the wider Development Corridors, and considerable amounts of the *White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland* CEEC occur beyond the Development Corridors in the local region.

The revised BDAR (Umwelt 2020b) provides justification for the concurrent increased impact on the *White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland* CEEC and decreased impact to the White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland

CEEC (BC Act). This is not a result of better patches of vegetation being impacted, but rather a more detailed and rigorous analysis of floristic plot data against the *White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland* CEEC condition thresholds. Broadly speaking, the area assessed as part of the Modification for the Project is consistent with that assessed as part of the existing approval. However, the revised analysis against the *White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland* CEEC condition thresholds completed by Umwelt has resulted in a greater proportion of vegetation aligning with the *White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland* CEEC.

The Biodiversity Offsets Scheme is a framework to avoid, minimise and offset impacts on biodiversity from development and clearing, and to ensure land that is used to offset impacts is secured in-perpetuity. The assessment of offsetting requirements provided in the revised BDAR (Umwelt 2020b) was undertaken by an accredited assessor in accordance with all relevant policies and guidelines.

Before allowing clearing on such a scale, the consent authority should consider how much White Box [C]EEC remains in the local area, and whether clearing of up to 38 ha is likely to adversely affect survival of this community in the locality and in the region.

As per the SAII for White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland CEEC (BC Act) detailed in **Section 4.1.2**, Umwelt used two regional vegetation mapping units to complete an analysis of the extent and overall condition of the White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland CEEC (BC Act)within an area of 1,000ha, and then 10,000ha, surrounding the Indicative Development Footprints. Those regional mapping units were, VIS Classification Map 1624 (Boorowa) and VIS Classification Map 3858 (Southern Forests). We can use this assessment to draw information in relation to the *White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland* CEEC because of the previously discussed similarities between the two TECs. As a precautionary approach, for the purposes of this response, we have assumed that all potential White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland CEEC also aligns with *White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland* CEEC. While it is possible that some extent may not meet the more strict *White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland* CEEC condition thresholds, in the absence of suitable mapping products of this community Umwelt believe this is the most appropriate approach.

Within an approximate 1,000 hectares area surrounding the Indicative Development Footprints, approximately 100 hectares is likely to align with the *White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland* CEEC in a similar condition to that recorded in the Indicative Development Footprints. This includes approximately 97 hectares within VIS Map 1624 and 3 hectares within VIS MAP 3858.

Within an approximate 10,000 hectares area surrounding the Indicative Development Footprints, a total of 1,207 hectares is likely to align with the *White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland* CEEC in a similar condition to that recorded in the Indicative Development Footprints. This includes approximately 1,188 hectares within VIS Map 1624 and 19 hectares within VIS MAP 3858. Furthermore, this mapping does not consider the extent of derived native grasslands in the region that would have the potential to align with *White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland* CEEC. There is likely to be 100s of hectares in the first case and thousands of hectares in the second case

Impact to the White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland CEEC under the BC Act is less (12.70 hectares) than the impact threshold of 50.2 hectares for this TEC as identified in Consent Condition 19(a) of the existing State Approval. While the Project does impact on the White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland CEEC (BC Act), it

has successfully avoided 12.70 hectares of the CEEC threshold. Approximately 69.04 hectares of White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland CEEC under the BC Act was identified within the wider Development Corridors. Therefore, 31.54 hectares of the CEEC (BC Act) in the Development Corridors has been avoided by the Project and considerable amounts of the CEEC (BC Act) occur beyond the Development Corridors in the local region.

At the time of approval of the original proposal, there were 14 operational, approved or proposed wind farms within 60 km of the project site. The proponent has not provided any information in the BDAR to enable the consideration of these kinds of cumulative impacts.

There are currently three wind farms in operation within approximately 50 km of this Project, which remains unchanged since cumulative impacts were assessed for the existing approval process (NGH Environmental 2014, NGH Environmental 2016). These include Cullerin Range Wind Farm, Gunning Wind Farm and Crookwell Wind Farm. Bango Wind Farm, approximately 10 kilometres to the west, is currently in its construction phase, while Conroys Gap and Yass Valley Wind Farms are proposed projects west of Yass. Rugby Wind Farm, north of Rye Park, is not actively being considered by any proponent. All of these projects were known about and considered as part of the original Biodiversity Assessment (NGH Environmental 2014) and Biodiversity Assessment Addendum (NGH Environmental 2016). Therefore, no further consideration of cumulative impacts was necessary for the BDAR undertaken for the proposed modification.

4.1.4 Hollow Bearing Trees

'An estimated 4,047 hollow bearing trees will be removed, including 231 suitable for the Superb Parrot. This represents a four-fold increase compared to the overall 893 hollow-bearing trees under the approved project. For threatened owls and raptors, the impact of the loss of hollow-bearing trees will be felt not only through the direct loss of nest sites, but also through a reduction in the availability of nest sites for prey species. The BDAR does not consider whether the direct impacts to hollow-bearing trees could contribute significantly to the decline of hollow-dependant species in the locality, particularly in light of the cumulative effects of other wind-farms in the region'

As part of the BDAR, an updated hollow bearing tree assessment was prepared to provide added rigour around the extrapolation of hollow bearing tree impacts within Box Gum Woodland and associated Derived Native Grasslands being calculated for the project.

As per Table 5.11 of the revised BDAR (Umwelt 2020b), the Project will impact directly on a total of 233 hollow bearing trees within superb parrot habitat. This total includes 215 from Vegetation Zone 3 and comprising 18 from Vegetation Zone 4. Compared with the approved 170 hollow bearing trees within consistent vegetation communities, this is an increase of 63 HBTs suitable for superb parrot.

Offsets associated with these impacts are included within the credit requirement for these vegetation zones as described in Section 6.3 of the revised BDAR (Umwelt 2020b). As per Consent Condition 14 of the Commonwealth approval (DoEE 2017), these impacts will need to be offset at a ratio of 10:1. This would total 2,330 hollow bearing trees.

4.1.5 Fragmentation

The BDAR does not contain enough information to enable the consent authority to consider the potential impacts of habitat fragmentation.

…

The modified proposal will create gaps of up to 200 m through existing vegetation patches. No consideration is given to whether this fragmentation will reduce the habitat value of the remaining patches, or sever important wildlife corridors.

The revised BDAR (Umwelt 2020b) has assessed the potential impacts of habitat fragmentation in accordance with the BAM (OEH 2017). Consistent with the Biodiversity Assessment and Biodiversity Assessment Addendum (NGH Environmental 2014 and 2016) a number of prescribed impacts were considered for the modified project, including the interruption and fragmentation to connectivity of native vegetation and associated habitat corridors.

Broadly speaking, much of the Indicative Development Footprints occur where the connectivity of native vegetation and habitat corridors has been previously compromised by historical agricultural land uses. However, there are specific locations of the Indicative Development Footprints where it is considered likely that the Project will interrupt the connectivity of native vegetation and fauna habitat. These are summarised in Table 5.8 of the revised BDAR (Umwelt 2020b).

The BDAR concluded that the overall indirect impacts on connectivity of native vegetation and habitat corridors were not considered to be significant. While the Project will enhance levels of fragmentation within the region, it will not occur to the extent where species or communities are significantly impacted. This conclusion has not been questioned by BCD.

4.1.6 Avoidance

Assurances that the proponent will seek additional opportunities to avoid biodiversity values in the detailed design phase should not be relied upon

It is in the proponent's best interest to further reduce impacts to the biodiversity values of the project because this will be in keeping with Tilt Renewables strong social and environmental ethics. Furthermore, this approach is reinforced by the significant costs associated with biodiversity offsetting. There will be strict protocols in place to ensure the final disturbance footprint remains within the limits that have been assessed.

4.1.7 Bird and Bat Assessment

The Bird and Bat Assessment (**BBA**) lodged in support of the modification application is a flawed document. It does not disclose the number, duration or method of the surveys used to make predictions about bird behaviour. Nor does it explain how the observers estimated the height at which bird were flying. It does not appear to account for the difficulty of identifying small birds flying at heights over 30m above ground level (**AGL**). Therefore it is highly likely that it underestimates the proportion of flights over 30 m AGL. In addition, Umwelt's assertion that certain species 'only very rarely fly' above 20 m AGL is not supported by any scientific evidence.

An update to the Bird and Bat Assessment (Umwelt 2020b) is being prepared to clarify matters raised by BCD (refer to **Section 3.7** and **Section 3.8**).

In the case of several of the threatened species actually observed during site surveys by Umwelt, the BBA relies on a sample size of less than 5 observations. So even assuming that these surveys accurately represent the number of flights 30m AGL, it is not valid to make generalisations about species behaviour based on this data. A more rigorous approach would have been to examine the scientific literature for information about the flight patterns of these species.

An update to the Bird and Bat Assessment (Umwelt 2020b) is being prepared to clarify matters raised by BCD (refer to **Section 3.7** and **Section 3.8**).

The BBA only assesses the risk to threatened birds actually observed on the site by the proponent's consultants. Even with a high level of survey effort, the presence of other species cannot reasonably be excluded on this basis. The rarer a species is the less likely it is to be observed on any given site. Therefore, species presence should be assumed where suitable habitat exists.

An update to the Bird and Bat Assessment (Umwelt 2020b) is being prepared to clarify matters raised by BCD (refer to **Section 3.7** and **Section 3.8**).

The BBA also fails to consider the possible impacts of the increased rotor size on the Wedge-tailed Eagle. This species, although not threatened, nevertheless forms an iconic part of the natural ecosystem. As a large, high-flying raptor, it will be impacted by the full extent of the proposed 49% increase in total rotor swept area.

The Bird and Bat Assessment (Umwelt 2020c) included a detailed assessment of the impacts associated with the proposed modification compared with those that were previously assessed for the approved project. The BDAR concluded that the proposed modification is very likely to increase the risk of blade strike for certain species which regularly occur above 30 m Above Ground Level (AGL) in the Development Corridor. The wedge-tailed eagle, little eagle, black falcon, white-throated needletail and white-striped free-tailed bat in particular are likely to be placed at greater risk of impacts from blade strike as a result of the 49 per cent increase in the total RSA of the wind farm under the proposed modification.

An update to the Bird and Bat Assessment (Umwelt 2020c) is being prepared to clarify matters raised by BCD (refer to **Section 3.7** and **Section 3.8**).

4.2 Submitter ID S-126622

4.2.1 Superb parrot

I object to the proposed Mod 1 SSD6693 of the Rye Park Wind Farm for if no other reason than to halt the already accelerating demise of the Superb Parrot *Polytelis swainsonii*.

… the very flowers of existing large eucalypt trees to be removed in the land clearance such as the Yellow Box *Eucalyptus melliodora* are a source of quick sustenance after the Superb Parrots arrive exhausted after long high flights from their Northern haunts in September each year has not been taken into account here. This energy source is also taken as a build up for the birds as they are very soon nesting after arrival.

…

The Superb Parrot has a very direct flight path and travels at various levels, therefore the proposed Rotor Swing Area (RSA) increase to tip height of 200 meters will have a devastating effect on this species.

…

The proposed 100-meter setback for towers from HBT or existing foraging and or nesting sites will be of little use in reducing collisions of this parrot with the fast spinning blades, highly likely in excess of 300 kph at tip.

…

This project will ultimately destroy massive numbers of breeding site and feeding site trees of this venerable parrot species, the Superb Parrot.

Through the Biodiversity Assessment (NGH Environmental 2014) and the Biodiversity Assessment Addendum (NGH Environmental 2016) the Commonwealth approval for the project allows the removal of up to 24.9 hectares of foraging habitat for the superb parrot. Importantly, this 24.9 hectares aligns with the Box Gum Woodland, not including the Derived Native Grasslands.

As per Section 5.1.1 of the revised BDAR (Umwelt 2020b), the Modified Project will result in impacts to 20.08 hectares of superb parrot habitat. This presents an impact reduction of 4.82 hectares for the superb parrot in comparison with the originally approved project. With 36.33 hectares of superb parrot habitat identified within the Development Corridors, 16.25 hectares will persist beyond the extent of the Indicative Development Footprints.

An Operational Bird and Bat Assessment (Umwelt 2020b) was undertaken to provide a comparative assessment of the risk that blade strike poses for birds and bats associated with the approved turbine layout versus the proposed modification to both the total number of turbines and turbine dimensions. The assessment concluded that the risk to species such as the superb parrot, which regularly flies both below and above 30 m AGL, is likely to increase overall despite the removal of 12 turbines given the likely impact associated with a 49% increase in total RSA.

Furthermore a Prescribed Impacts from Turbine Strikes assessment has been completed for the superb parrot and is provided above in **Section 3.7**. This assessment deals specifically with the topic of risk to the superb parrot from turbine strike of the Project, it considers the results of extensive field surveys by Umwelt and NGH Environmental (2014 and 2016) as well as available literature.

In the revised BDAR (Umwelt 2020b) the superb parrot was one of five species-credit species considered to require offsetting in accordance with the BAM (OEH 2017). Based on the revised area of impact to superb parrot habitat, credits required to be retired to offset the impacts of the Modified Project on this species were calculated as 292 in the NSW – South Western Slopes IBRA Bioregion and 265 in the South Eastern Highlands IBRA Bioregion. A full Biodiversity Credit Report was provided in Appendix F of the revised BDAR (Umwelt 2020b) and further information on biodiversity offset strategies for the modification in general is provided in **Section 4.3.8**.

4.2.2 Diamond fire-tail finch

The Diamond Firetail Finch (*Stagonopleura guttata*) …

… if this installation was to go ahead this small finch will be severely affected by land and habitat disturbances as well affecting lost and disturbed feeding/breeding habitat, this species will also be affected by Barotrauma as will many species attempting to exist in and around the towers.

The diamond firetail (*Stagonopleura guttata*) was not recorded within the Development Corridor or Indicative Development Footprints during Umwelt's extensive field survey program. It was however recorded during previous surveys by NGH Environmental as described in their Biodiversity Assessment (2014). Flight behaviour, including flight height, however was not recorded for these observations. Being a small woodland bird though, it is noted that the species is likely to only very rarely fly above 20 m AGL i.e. only very rarely will it occur in the RSA.

The risk of blade strike to the diamond firetail as a result of the Project is considered to be very low due to the frequency at which the species will fly within the RSA. We consider the risk of blade strike to the diamond firetail from the proposed modification is consistent with the current approved project.

4.2.3 Swift parrot

I would ask that the Mod 1 SSD 6693 Rye Park Wind Farm not go ahead because of the existence of the Swift Parrot *Discolor Lathamus*.

…

rather than just do Desk Top Assessments … visit the proposed site at the relevant time of year to see the affected species and I also suggest that there should be a proper follow up on the "ground' study documented on the Swift Parrot and its habits in the area planned for Rye Park Wind Farm.

I suggest that a true independent body do this study …

The revised height of 200M tip height applied for by Mod 1 SSD 6693 RSA will severely impact the Swift Parrot in the Rye Park Range area.

Given the height that this species feeds on flowering eucalypts, it will be in immense peril from blade strike transiting from one feeding tree to another well above the 30 meter height therefore in the direct path of the revised RSA, for the Rye Park Wind Farm's Wind Towers.

The BAM Support Team confirmed on 20 February 2020 that the Indicative Development Footprints are not within an important area for the swift parrot (*Lathamus discolor*). No species records occur within 10 km of the Indicative Development Footprints.

The swift parrot is an uncommon / rare visitor to woodlands in the Boorowa / Rye Park / Yass region, though the greater south-west slopes region provides key foraging habitat for this species (Saunders and Saunders and Henson 2008). All records in the Boorowa / Rye Park / Yass region since 2000 are from the Frogmore area, approximately 15 km north of the Project where swift parrot were observed in 2001, 2008, 2013 and 2014.

Swift parrots were not recorded during targeted surveys conducted in the Study Area by NGH Environmental from 8-12 July 2013 or by Umwelt during extensive bird surveys conducted during September and October 2018 and April, July and September 2019.

4.2.4 Southern pygmy perch

I wish to submit an objection … for the following reason:

The potential impact on the endangered Southern Pygmy Perch *Nannoperca australis* a species recently reintroduced by local action groups to tributaries of the Boorowa River, Pudman Creek for instance its former known habitat.

Rye Park Wind Farm if constructed will allow heavy siltation of Blakney, Flakeney and Pudman Creeks, from both 30 metre wide access roads and site preparations for the Wind Towers themselves.

This imminent heavy siltation will be detrimental to any chance of the survival of an aquatic species such as the Southern Pygmy Perch.

Potential impacts to the southern pygmy perch (*Nannoperca australis*) were identified in the original Approved Project and the consent conditions, which require the preparation of a Biodiversity Management Plan to mitigate the unavoidable impacts. While the Biodiversity Management Plan has not yet been finalised, Table 4.2 of the BDAR (Umwelt 2020a) summarised the preliminary mitigation measures proposed for the Project including the timing, actions and outcomes of these measures. Specific measures proposed for the southern pygmy perch are reproduced in **Table 4.2** below.

Table 4.2 Preliminary Mitigation Measures (Southern Pygmy Perch)

Measure	Timing	Proposed Techniques	Outcome
Installation of safe fish passageway	Prior, during and following clearance activities	Ensure any construction within or adjacent to Blakney Creek includes detailed design to avoid impacts to southern pygmy perch. As per Section 3.2.2 of DPI's policy and guidelines for fish habitat conservation and management, Blakney Creek is likely to meet the definition of Class 1 or Class 2 (DPI 2013). As per Section 4.2 of DPI's policy and guidelines for fish habitat conservation and management, the access track crossing Blakney Creek require a bridge, arch structure, tunnel, culvert or ford to avoid impacts to the southern pygmy perch (DPI 2013).	Avoidance of impacts to southern pygmy perch

As per the relevant approval conditions, the Biodiversity Management Plan will be prepared to the satisfaction of the Secretary, and where required will be prepared in consultation with BCD.

4.3 General Community Concerns

4.3.1 Doubling of disturbance footprint

The total indicative impact zone (e.g. all ground disturbance) associated with the wind farm specific components of the Project, excluding the external road upgrades and permanent met masts, is termed Indicative Development Footprint – Wind Farm (approximately 489 hectares). The total indicative impact zone associated with the external road upgrades is termed Indicative Development Footprint – External Roads (approximately 19 hectares) (Umwelt 2020a). The total indicative impact zone associated with the permanent met masts is termed Indicative Development Footprint – Permanent Met Masts (approximately 9 hectares).

Equivalent to the Development Footprint terminology in the BAM (OEH 2017); the Indicative Development Footprints (516.91 hectares) is a combination of the Indicative Development Footprint – Wind Farm and the Indicative Development Footprint – External Roads, and comprises the entirety of the Indicative Development Footprint for the Rye Park Wind Farm. The Indicative Development Footprint - External Roads has been identified separately as it was not previously considered through the existing approval (SSD 6693) process (Umwelt 2020a). Furthermore, the Indicative Development Footprint – Permanent Met Masts has been identified separately as it was not previously considered in the previous Modification Report that went on exhibition.

Further discussion regarding the extent of the Indicative Development Footprints compared with that which was assessed as part of the existing approval (SSD 6693) process is provided above in **Section 4.1.1**. Amongst other things, this includes consideration about the makeup of the Indicative Development Footprints, the changes in design since the existing approval (SSD 6693).

4.3.2 Biosecurity and weeds

Biosecurity is the protection of the economy, environment and community from the negative impacts of pests and diseases, weeds and contaminants. The principle of managing biosecurity as a shared responsibility is captured in NSW legislation, under the *Biosecurity Act 2015*.

The revised BDAR (Umwelt 2020b) recognises that new weed species could be inadvertently brought into the Indicative Development Footprints on construction vehicles and machinery, within imported materials, or could invade naturally through removal of native vegetation. The presence of weed species within the Indicative Development Footprints has the potential to decrease the value of extant vegetation to native species, however the BDAR noted that a large number of pasture weeds (including forbs and grasses) already occur throughout the Indicative Development Footprints as a result of the historical land use.

The revised BDAR (Umwelt 2020b) also recognises that populations of feral fauna species such as foxes, rabbits and cats can increase and quickly populate new areas as a result of disturbance. Clearing, thinning of vegetation and the creation of tracks have the ability to assist the establishment and spread of feral fauna species. However, foxes, rabbits and wild dogs already occur throughout the Indicative Development Footprints as a result of the historical land use.

The revised BDAR (Umwelt 2020b) concludes that there will be no substantial change to impacts from weeds or feral animals, given that the Project is located within, and adjacent to, a landscape exposed to historical and current agricultural land uses. Any additional impacts resulting from weeds or feral animals are not expected to be of any level of significance in relation to threatened species, populations and communities.

In conclusion, the indirect impacts to weed and feral animal encroachment that will result from the Project are not considered to be different to those that were presented, discussed and assessed as part of the original approval, including Biodiversity Assessment (NGH Environmental 2014) and Biodiversity Assessment Addendum (NGH Environmental 2016).

Potential impacts related to biosecurity as a result of the Modification were identified in the BDAR as actions to be included within the Biodiversity Management Plan. While the Biodiversity Management Plan has not yet been finalised, Table 4.2 of the revised BDAR (Umwelt 2020b) summarised the preliminary mitigation measures proposed for the Project including the timing, actions and outcomes of these measures. Specific measures proposed that relate to biosecurity are reproduced in **Table 4.3** below.

Table 4.3 Preliminary Mitigation Measures (Biosecurity)

Measure	Timing	Proposed Techniques	Outcome
Rehabilitation and revegetating temporary disturbance areas	Prior to clearance activities	Revegetate areas of temporary disturbance with previously collected native grasses, prioritising the use of wallaby grasses (*Rytidosperma* spp.) and spear grasses (*Austrostipa* spp.).	Speeds up the recovery of the land Secures the stability of the site Reduces risk of erosion Reduces risk of weed species taking control Facilitates future use of the areas by the golden sun moth
Weed management	Construction and operation	Chemical and physical removal of invasive weed species in accordance with the *New South Wales Weed Control Handbook* (DPI 2018) Appropriate vehicle and machinery washing	Minimisation of environmental and noxious weeds in the final Development Footprint Minimisation of weed spread from and into the wider locality
Pest animal control	Operation	Regular passive monitoring to be undertaken to assess the level of impact by feral animals. This may include incidental observations by RPRE employees, contractors as well as existing landholders. If an increase in existing species of feral animals, or new species of feral animals are observed within the Project, control works should be undertaken as required to provide for the suppression of feral animals.	Minimise potential for pest animals in the final Development Footprint and the locality. Minimise potential impacts to native fauna species from out-competition and/or preying of pest or feral animal species.

As per the relevant approval conditions, the Biodiversity Management Plan will be prepared to the satisfaction of the Secretary, and where required will be prepared in consultation with BCD.

4.3.3 Land clearing

The development of the Modified Project will result in direct impacts on biodiversity values which include the loss of vegetation and fauna habitats as a result of clearance works and subsequent operation of the wind farm. Table 5.1 of the revised BDAR (Umwelt 2020b) outlines the direct impacts of the Modified Project on native vegetation, which totals approximately 392 hectares.

It should be noted that despite the overall footprint of the Modified Project being increased, the avoidance measures detailed in Table 4.1 of the BDAR are of significance for the Project. Key areas of Box Gum Woodland TECs (BC Act and EPBC Act), key threatened species habitat for squirrel glider, superb parrot, and golden sun moth, as well as intact patches of PCT 351 have all been avoided by the Modified Project. Furthermore RPRE will continue to seek additional avoidance of these biodiversity values through finalisation of the detailed design once a turbine and preferred contractor(s) is selected.

Indicative Development Footprints will be finalised once turbine and contractor(s) are selected by RPRE. In doing so, RPRE will seek to further minimise impacts to biodiversity values. Furthermore, a comprehensive

biodiversity mitigation strategy to mitigate the unavoidable impacts of the Project will be prepared and implemented. These measures will be designed and described within the Biodiversity Management Plan (BMP), Bird and Bat Adaptive Management Plan (BBAMP) and Roadside Vegetation Management Plan (RVMP) that will be prepared as per the existing consent conditions for the Project.

While these management plans have not yet been finalised, the following control measures are considered integral to the mitigation of impacts on the biodiversity features of the Indicative Development Footprints and surrounds and are likely to form part of the final management plans. Consistent with the Biodiversity Assessment and Biodiversity Assessment Addendum (NGH Environmental 2014 and 2016) mitigation measures related to land clearing will include:

- demarcation of approved clearance boundaries
- rehabilitation and revegetating temporary disturbance areas, include collecting and propagating seeds from the disturbance areas where possible
- weed management
- farm animal control
- pest animal control
- fencing and access control
- bushfire management.

4.3.4 Habitat destruction

Direct impacts on species-credit species habitats were included in Table 5.1 of the revised BDAR (Umwelt 2020b). Of the five species-credit species identified, two were not assessed previously in the Biodiversity Assessment and Biodiversity Assessment Addendum (NGH Environmental 2014 and 2016) but direct impacts on the remaining three have all been reduced through avoidance of habitat destruction via changes to the Project design.

Potential impacts related to habitat loss as a result of the Modification were identified in the revised BDAR (Umwelt 2020b) as actions to be included within the Biodiversity Management Plan. While the Biodiversity Management Plan has not yet been finalised, Table 4.2 of the revised BDAR (Umwelt 2020b) summarises the preliminary mitigation measures proposed for the Project including the timing, actions and outcomes of these measures. Specific measures proposed that relate to habitat loss are reproduced in **Table 4.4** below.

Table 4.4 Preliminary Mitigation Measures (Habitat Loss)

Measure	Timing	Proposed Techniques	Outcome
Pre-clearance surveys for key fauna habitat	Prior to clearance and during clearance activities	Inspect remnant patches of vegetation (woodland and forests) within final development footprint prior to clearance Mark up key fauna habitat (e.g. hollow-bearing trees, hollow logs), to be cleared under the supervision of an ecologist or site environmental officer to capture and release fauna	Minimise additional impacts to fauna species
Salvage key fauna habitat	During clearance activities	Where key fauna habitat (e.g. hollow bearing trees, hollow logs) occurs in the final Development Footprint but is not required to be impacted through construction work, if possible leave as is If it needs to be cleared, move into adjacent vegetation	Minimise additional impacts to fauna species Minimise the clearance of fauna habitat
Rehabilitation and revegetating temporary disturbance areas	Proceeding clearance activities	Revegetate areas of temporary disturbance with previously collected native grasses, prioritising the use of wallaby grasses (*Rytidosperma* spp.) and spear grasses (*Austrostipa* spp.).	Speeds up the recovery of the land Secures the stability of the site Reduces risk of erosion Reduces risk of weed species taking control Facilitates future use of the areas by the golden sun moth

4.3.5 Bushfire and drought

The Modified Project does not differ to the Approved Project in terms of ignition risks or management strategies to combat fire (Rye Park Renewable Energy 2020). However, in light of the increased bushfire risks resulting from climate change impacts, and the fact that bush fire risk was raised during consultation in relation to the Proposed Modification, it was considered appropriate to provide an update on the fire and bushfire assessment for the Project in the Modification Application.

The following was provided by the Applicant in response to community and stakeholder concerns regarding bushfire (extract from Table 20 Modification Application Report (Rye Park Renewable Energy 2020)):

- Fire safety is a high priority for the Applicant from site development through construction to operations. A variety of preventative and reactive controls are in place across all operating and construction sites. The Applicant will consult further with key fire authorities in preparing the specific management plans for the Project, as well as during the construction and operation.
- The Project includes permanent access tracks at 5.5m in width within the site. This will allow additional access for fire fighting vehicles should they require it on site.
- Depiction of the location of wind turbines on aeronautical charts will provide information for pilots planning to operate in the vicinity of the Project.

- The Project will assist in reducing the impacts of climate change by producing clean energy from a renewable resource, and the Modified Project will provide a more significant contribution to the transition to net zero emission electricity generation.

Potential impacts related to bushfire as a result of the Modification are identified in the revised BDAR (Umwelt 2020b) as actions to be included within the Biodiversity Management Plan. While the Biodiversity Management Plan has not yet been finalised, Table 4.2 of the revised BDAR (Umwelt 2020b) summarises the preliminary mitigation measures proposed for the Project including the timing, actions and outcomes of these measures. Specific measures proposed that relate to bushfire are reproduced in **Table 4.5** below.

Table 4.5 Preliminary Mitigation Measures (Bushfire)

Measure	Timing	Proposed Techniques	Outcome
Bushfire management	Construction and operation	Bushfire management will consider asset protections and the consideration of the sensitivities of threatened species and threatened ecological communities.	Protect life and property, while supporting appropriate conditions for the existing ecological features.

4.3.6 Impacts on aquatic wildlife

Refer to **Section 4.2.4** above regarding specific impacts to southern pygmy perch.

Consistent with the Biodiversity Assessment and Biodiversity Assessment Addendum (NGH Environmental 2014 and 2016), the BDAR for the proposed modification (Umwelt 2020a) concluded that no impacts on water quality or hydrological processes that sustain threatened species and threatened ecological communities are likely to occur.

4.3.7 Impacts on golden sun moth

Through the Biodiversity Assessment (NGH Environmental 2014) and the Biodiversity Assessment Addendum (NGH Environmental 2016) the Federal approval for the project allows for the removal of up to 66.94 hectares of habitat for the golden sun moth.

As per Section 5.1.1 of the revised BDAR for the Modification (Umwelt 2020b), the project will result in impacts to 43.20 hectares of golden sun moth habitat (see Figure 3.3 of the BDAR). This presents an impact reduction of 23.74 hectares for the golden sun moth. With 113.89 hectares of golden sun moth habitat identified within the Development Corridors, 70.69 hectares will persist beyond the extent of the Indicative Development Footprints.

In the revised BDAR (Umwelt 2020b) the golden sun moth was one of five species-credit species considered to require offsetting in accordance with the BAM (OEH 2017). Based on the revised area of impact to golden sun moth habitat, credits required to be retired to offset the impacts of the Project on this species were calculated as 335 in the NSW – South Western Slopes IBRA Bioregion and 381 in the South Eastern Highlands IBRA Bioregion. A full Biodiversity Credit Report is provided in Appendix F of the revised BDAR (Umwelt 2020b) and further information on biodiversity offset strategies for the Modification in general is provided in **Section 4.3.8**.

Furthermore, two additional detailed impact assessments for the golden sun moth have been prepared since the exhibition of the BDAR. Firstly an SAII has been completed and provided as part of the revised BDAR (refer to Section 5.4 and Appendix F of the revised BDAR [Umwelt 2020b**]**). The content of this SAII however is summarised above in **Section 3.6**.

Secondly, an assessment of non-native vegetation supporting GSM has been assessed for prescribed impacts, as per Section 9.2.1.4 of the BAM, and is provided in Section 5.3.5 of the revised BDAR (Umwelt 2020b)**.** This is discussed above in **Section 3.9**.

4.3.8 Offsets for vegetation loss

As discussed in Section 8 of the revised BDAR (Umwelt 2020b), RPRE is committed to delivering a biodiversity offset strategy that appropriately compensates for the unavoidable loss of ecological values as a result of the Project. RPRE has, where possible, optimised the Project (including the Development Corridor and Indicative Development Footprints) to avoid and minimise ecological impacts in the Project planning stage.

Additionally, the Indicative Development Footprints will be finalised once turbine and contractor(s) are selected by RPRE. In doing so, RPRE will seek to further minimise impacts to biodiversity values. Additionally, a range of impact mitigation strategies are proposed through the future Biodiversity Management Plan to mitigate the impact on ecological values prior to the consideration of offsetting requirements.

The offset strategy will be implemented in consideration of the process outlined in the BC Act and the final composition of the offset strategy may evolve as the Project progresses.

The biodiversity offset strategy will be developed during the assessment process in consultation with the BCD and DPIE and based on the credits required to be retired to offset the impacts of the Project, as specified above for the golden sun moth, and the offset options available under the BC Act and BC Regulation including:

- Land based offsets through the establishment of new Stewardship Sites (and subsequent retirement of credits) or by retiring credits from existing Stewardship Sites. RPRE would retire the required number and class of credits determined in accordance with the BDAR and the offset rules in the BC Regulation.
- Securing (purchasing) credits through the open credit market, and/or
- Paying into to the Biodiversity Conservation Fund (BCF).

Eight potential offset sites have been identified within parcels of land adjacent to the Project. These sites have had varying degrees of ecological surveys completed on them to consider their offset suitability for the Project. Through consideration of their size and potential credit generation, there are five potential offset sites likely to be further investigated for offset purposes. These are currently the priority sites of consideration for land-based offsets for the Project. In addition to these, RPRE have engaged Umwelt to complete a strategic investigation of potentially suitable land-based offset sites at a regional scale that may be suitable for this Project as well as another one of their proposed wind farm projects.

The five potential offset sites (shown in Figure 8.1 of the BDAR) have, based on a range of preliminary surveys, the potential to generate ecosystem and species credits consistent with those impacted by the Project. This includes PCTs 298, 335, 350 and 351 ecosystem credits. Species credits species likely to generate credits on the five potential offset sites are golden sun moth (*Synemon plana*), superb parrot (*Polytelis swainsonii*) and squirrel glider (*Petaurus norfolcensis*).

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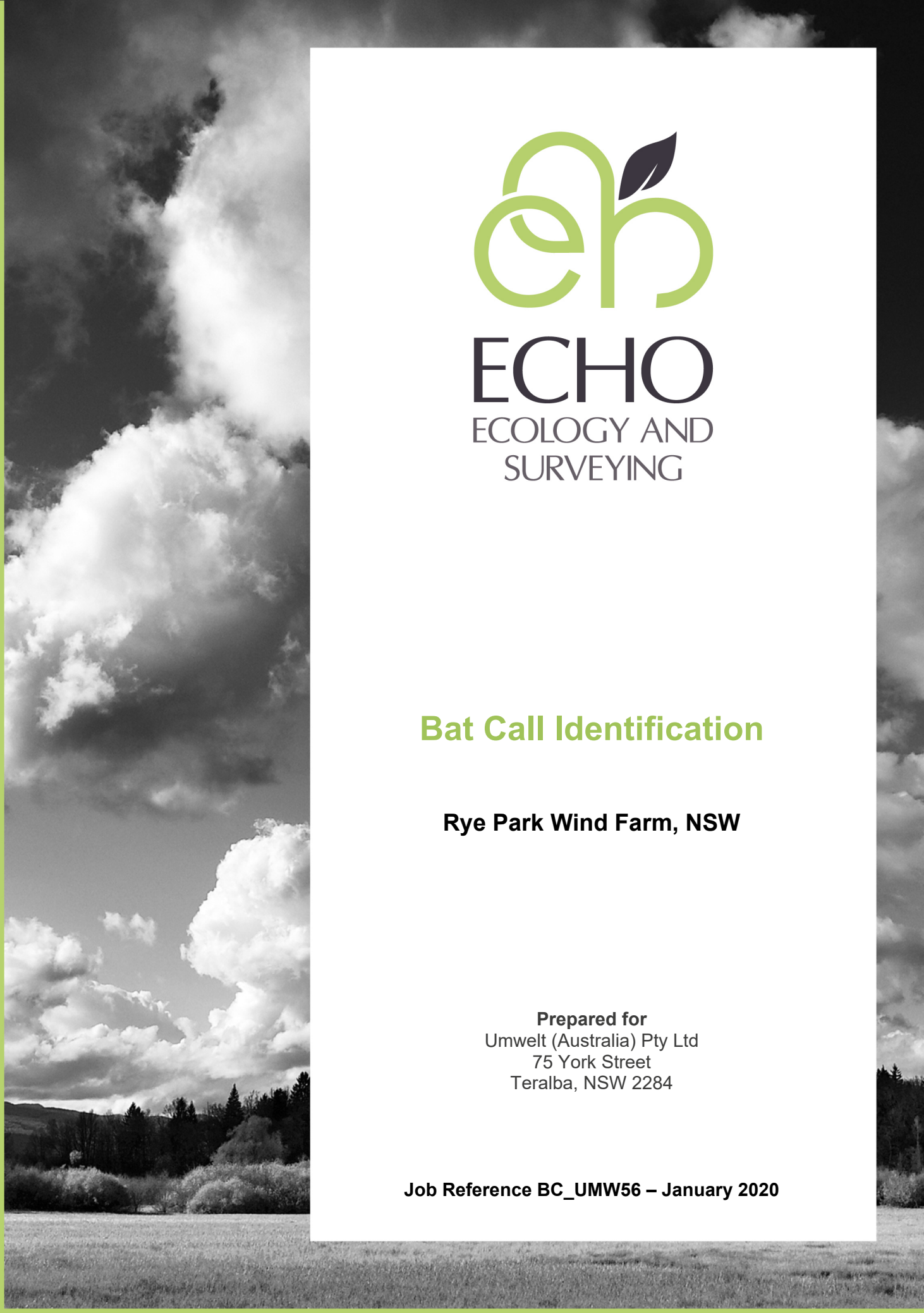
APPENDIX 1

Echo Ecology and Surveying – Bat Call Identification, Rye Park Wind Farm, NSW (January 2020)



ECHO
ECOLOGY AND
SURVEYING

Bat Call Identification

Rye Park Wind Farm, NSW

Prepared for
Umwelt (Australia) Pty Ltd
75 York Street
Teralba, NSW 2284

Job Reference BC_UMW56 – January 2020

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This report has been prepared to document the analysis of digital ultrasonic bat echolocation calls received from a third party. The data was not collected by the author and as such no responsibility is taken for the quality of data collection or for the suitability of its subsequent use.

This report was authored by

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PhD, B.Env.Sc.

Contents

List of Figures

1.0 INTRODUCTION

This report has been commissioned by Umwelt (Australia) Pty Ltd to analyse bat echolocation call data collected from Rye Park, NSW. Data was provided electronically to the author. This report documents the methods involved in analysing bat call data and the results obtained only.

2.0 METHODS

2.1 Call Identification

The bat echolocation call recording data provided consisted of full spectrum bat call files (.wav) recorded using Anabat Swift bat detectors (Titley Electronics). The identification of bat echolocation calls recorded during surveys was undertaken using Anabat Insight (Titley Electronics, Version 1.9.0-5) software. A noise filter was first applied to the dataset (EE_Allbats1.als, in Anabat Insight). The identification of calls was undertaken with reference to Pennay et al. (2004) and Corben (2010) and through the comparison of recorded reference calls from the western plains. Reference calls were obtained from the NSW database and from the authors personal collection.

A list of potentially occurring echolocating bat species for the region (approximately 50 – 100 km radius) was obtained from the NSW Office of Environment and Heritage's Bionet Atlas, which holds data from a number of custodians (http://www.bionet.nsw.gov.au) and was used to constrain the identification of bat calls.

Each call sequence (‘pass’) was assigned to one of five categories, according to the confidence with which an identification could be made, being:

- Definite - Pass identified to species level and could not be confused with another species
- Probable - Pass identified to species level and there is a low chance of confusion with another species
- Possible - Pass identified to species level but short duration or poor quality of the pass increases the chance of confusion with another species

- Species group - Pass could not be identified to species level and could belong to one of two or more species. Occurs more frequently when passes are short or of poor quality

- Unknown - Either background 'noise' files or passes by bats which are too short and/or of poor quality to confidently identify.

Call sequences that were less than three pulses in length were not analysed and were assigned to 'Unknown' and only search phase calls were analysed. Furthermore, some species are difficult to differentiate using bat call analysis due to overlapping call frequencies and similar shape of plotted calls and in these cases calls were assigned to species groups.

The total number of passes (call sequences) per unit per night was tallied to give an index of activity.

Nomenclature follows the Australian Chiroptera taxonomic list described by Reardon et al. (2015).

The echolocation call characteristics used to differentiate species for the region and the identification potential for each species are described for Miniopterus orianae oceanensis below and for other species in Appendix A.

2.1.1 Miniopterus orianae oceanensis differentiation

Echolocation calls of *Miniopterus orianae oceanensis* are difficult to confidently identify from other species that overlap in characteristic frequency, including *Vespadelus darlingtoni, Vespadelus regulus, Vespadelus vulturnus* and possibly *Chalinolobus morio*. For this project, we identified *Miniopterus orianae oceanensis* confidently (definite or probable classifications) only where the characteristic feeding buzz (stepped feeding buzzes that lack the first attack phase - see Corben 2010) were recorded. All other call sequences were assigned to a possible classification or a species group.

Uneven pulse spacing is a characteristic that is sometimes used to help identify *Miniopterus orianae oceanensis* from Vespadelus spp. However, in this dataset, this was found to be unreliable. Many of the *Vespadelus* spp. calls that we identified confidently by feeding buzz, were found to have uneven pulse spacing. Therefore, we did not use uneven pulse spacing as a factor to assist with call identification.

The maximum amplitude of pulses was also found not be particularly useful in distinguishing *Miniopterus orianae oceanensis* from *Vespadelus* spp. for this dataset when using Anabat Insight, contrary to other studies using different software (M. Pennay pers comm.).

As confident identification of Miniopterus orianae oceanensis was found to be difficult, we focused on using call characteristics to exclude *Miniopterus orianae oceanensis* from species groups such as the presence of *Vespadelus* spp. feeding buzzes (which were frequently recorded) and doppler effect often found in calls from *Vespadelus* spp.

Assessment of likely *Miniopterus orianae oceanensis* activity within the study area may be investigated using the *Miniopterus orianae oceanensis* / *Vespadelus* spp. species group identifications. Spikes in activity levels of these species groups may help to identify *Miniopterus orianae oceanensis* migration patterns. However, many of these calls will be from *Vespadelus* spp. and interpretation should be cautious. Activity spikes should be considered carefully to ensure that other factors are not responsible such as detector failure or adverse weather events such as high wind, cold temperatures and heavy rain on other nights.

2.2 Limitations

The identification of bat species from echolocation calls in many Australian regions is not straightforward. Our reference call libraries tend to be relatively small, some species vary their call frequency with region and bat behaviour may also influence call shapes and frequencies. Additional factors may add to the level of uncertainty of species identification from echolocation calls such as short call sequences, high levels of noise and missing echolocation pulses. Some species share overlapping echolocation call characteristics and some overlap so much that we are unable to differentiate between species with our current knowledge.

To assist with the interpretation of our results within this context of uncertainty, we provide a qualitative indication of the confidence of bat call identification by assigning confidence levels (Definite, Probable, Possible and Species Groups). We have also provided a list of the general identification potential for each species potentially occurring within your sample region (Appendix A). For a more complete species inventory, bat call recording should be combined with other survey methods such as trapping.

It should be noted that the activity levels recorded at different sites may not be readily able to be compared. Activity levels should not be compared among species as different species have different detectability due to factors such as call loudness, foraging strategy and call identifying features. Activity comparisons among sites are dependent on many variables which need to be carefully controlled during data collection and statistically analysed. Influential variables include wind, rain, temperature, duration of recording, season, detector and microphone sensitivity, detector placement, weather protection devices etc.

The bat call identification results presented in this report should be interpreted with these limitations in mind and in many cases trapping and habitat assessment should also be undertaken in conjunction with bat call recording.

3.0 RESULTS

A total of 760,282 call sequences were recorded, of which 146,720 call sequences were able to be analysed (ie were not 'noise' files or bat calls of short length). Of the bat calls, 51,320 call sequences (35 %) were able to be confidently identified (those classified as either definite or probable identifications) to species level (Appendix B). Species recorded confidently within the site include:

- *Austronomus australis* (White-striped Free-tailed Bat)
- *Chalinolobus gouldii* (Gould's Wattled Bat)
- *Chalinolobus morio* (Chocolate Wattled Bat)
- *Falsistrellus tasmaniensis* (Eastern Falsistrelle)
- *Miniopterus orianae oceanensis* (Eastern Bent-winged Bat)
- *Mormopterus petersi* (Inland Free-tailed Bat)
- *Mormopterus planiceps* (Southern Free-tailed Bat)
- *Myotis macropus* (Large-footed Myotis)
- *Saccolaimus flaviventris* (Yellow-bellied Sheath-tailed Bat)
- *Scotorepens balstoni* (Inland Broad-nosed Bat)
- *Vespadelus darlingtoni* (Large Forest Bat)
- *Vespadelus vulturnus* (Little Forest Bat)

Additionally, the following bat species potentially occurred within the site, but could not be confidently identified (those calls classified as possible or as a species group):

- *Nyctophilus geoffroyi* (Lesser long-eared bat)
- *Nyctophilus gouldi* (Gould's long-eared bat)
- *Vespadelus regulus* (Southern Forest Bat)

It should be noted that additional bat species may be present within the site but were not recorded by the detectors (or are difficult to identify by bat call) and habitat assessment should be used in conjunction with these results to determine the likelihood of occurrence of other bat species.

The full results of the bat call analysis is provided in Appendix B.

4.0 SAMPLE CALLS

A sample of the calls actually identified from the site for each species is given below.

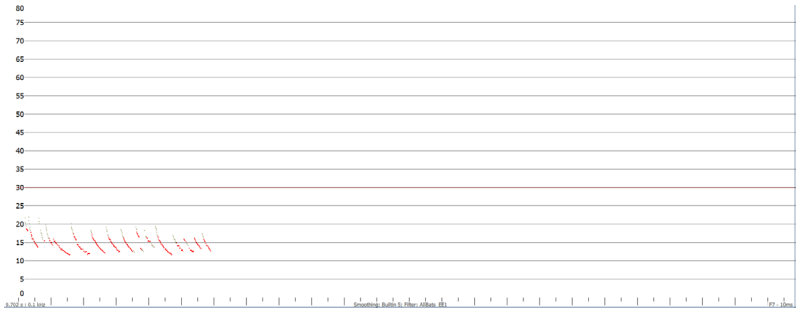

Figure 4-1: *Austronomus australis* definite call

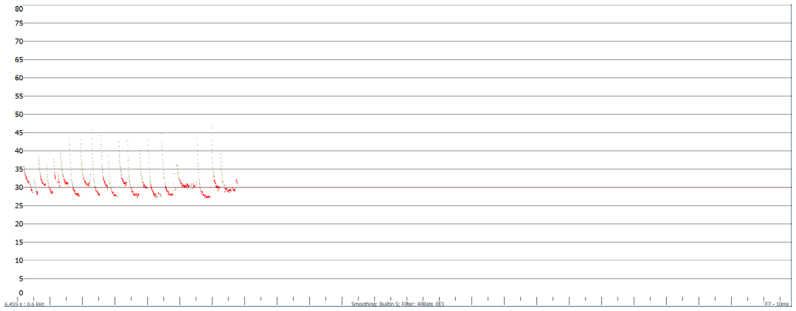

Figure 4-2: *Chalinolobus gouldii* definite call

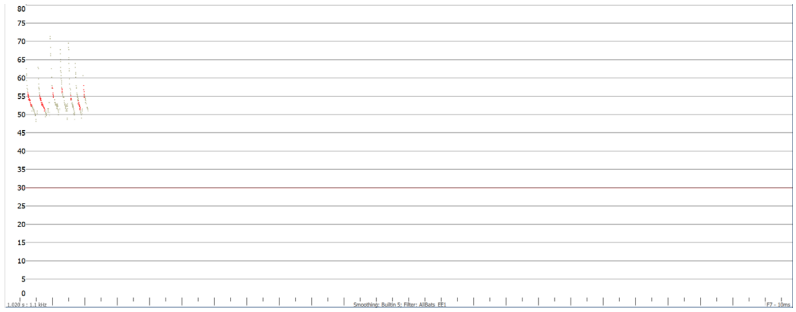

Figure 4-3: *Chalinolobus morio* definite call

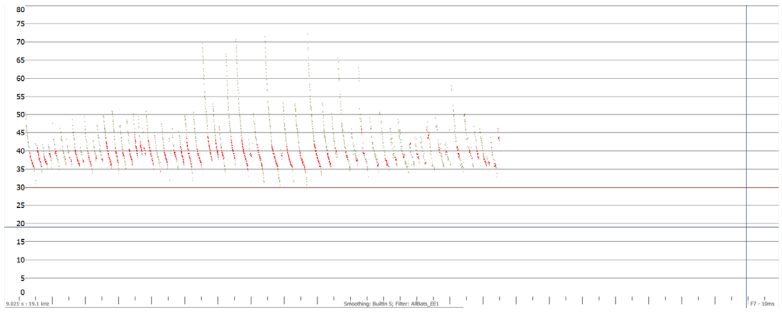

Figure 4-4: *Falsistrellus tasmaniensis* probable call

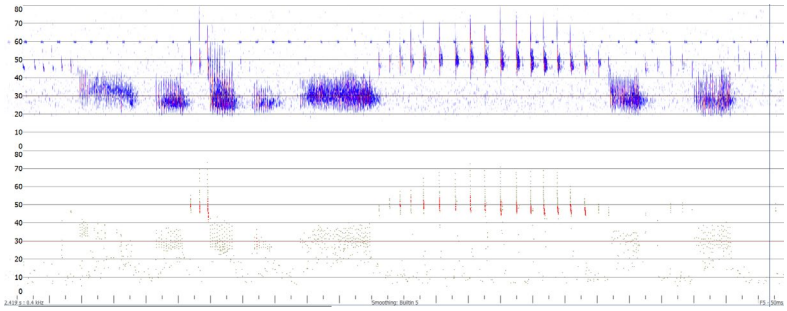

Figure 4-5: *Miniopterus orianae oceanensis* definite call showing characteristic single stage feeding buzz (F5 uncompressed view) full spectrum at top and zero crossings at bottom

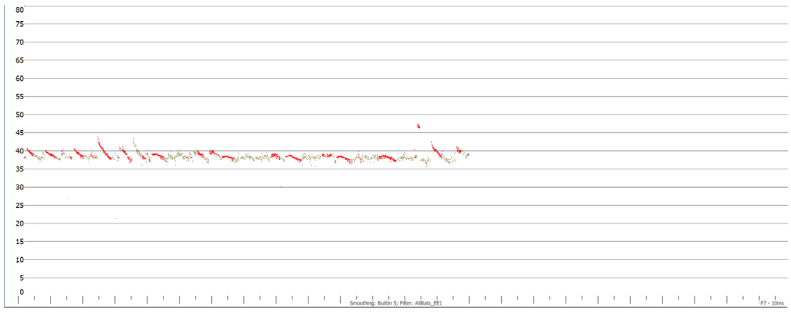

Figure 4-6: *Mormopterus petersi* probable call

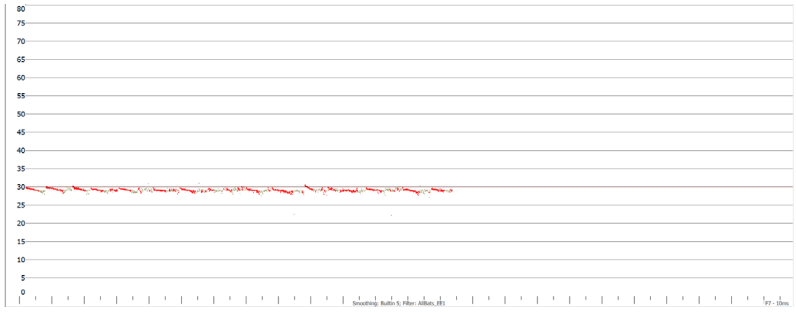

Figure 4-7: *Mormopterus planiceps* definite call

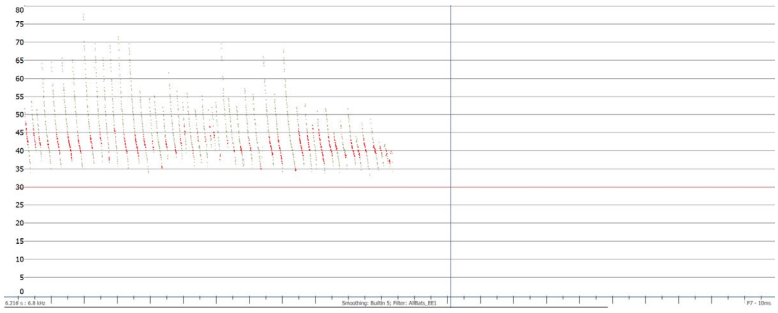

Figure 4-8: *Myotis macropus* probable call

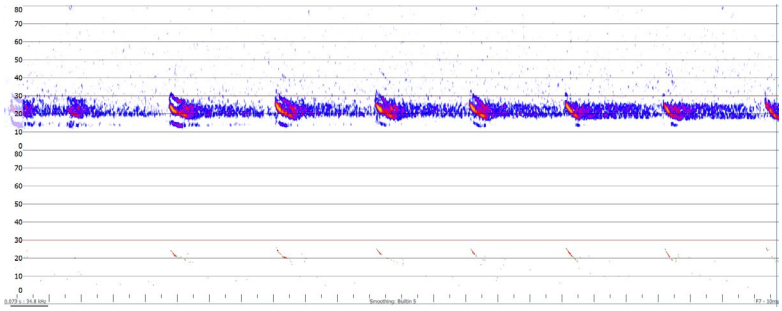

Figure 4-9: *Saccolaimus flaviventris* definite call showing full spectrum call at the top with harmonics and zero crossings at the bottom

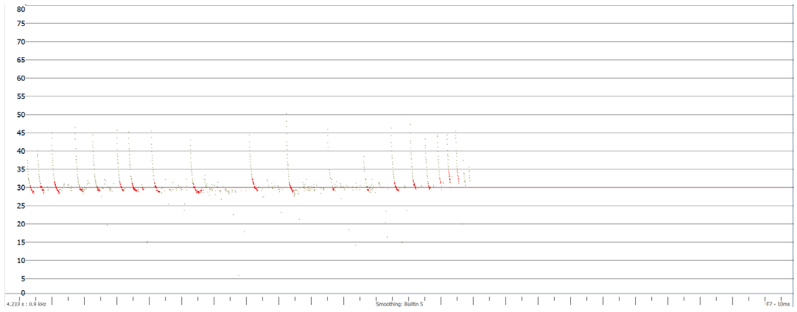

Figure 4-10: *Scotorepens balstoni* probable call

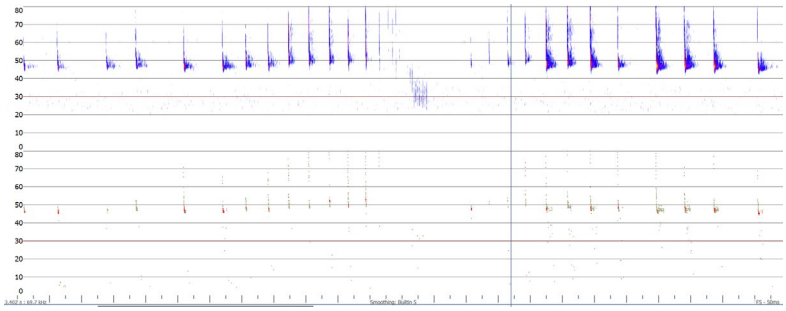

Figure 4-11: *Vespadelus vulturnus* definite call showing two-staged feeding buzz (F5 uncompressed view) full spectrum at top and zero crossings at bottom

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APPENDIX A SPECIES IDENTIFICATION CONFIDENCE AND CHARACTERISTICS SOUTHERN WESTERN PLAINS - YASS

Table A1: Identification confidence and characteristics of bat echolocation calls from the Southern Western Plains region near Yass

Scientific Name	Common Name	Identification Potential	Identification characteristics
Austronomus australis	White-striped Free-tailed Bat	High	Good quality calls unlikely to be confused. However, partial calls may be confused with social calls of other bat species and insects.
Chalinolobus dwyeri	Large-eared Pied Bat	High	Calls may overlap with *Saccolaimus flaviventris*. However, good quality call sequences are unlikely to be confused due to small pulse shape and alternating pulses in *Chalinolobus dwyeri*. May possibly occur, however, most records are located > 100 km to the east and so its likelihood of occurrence within the study area is low.
Chalinolobus gouldii	Gould's Wattled Bat	Mod - High	Overlaps with *Mormopterus planiceps, Mormopterus petersi, Scotorepens balstoni*. In good quality recordings, differentiated from *Mormopterus* spp. by curved pulses and from *Scotorepens balstoni* by alternating pulse frequencies.
Chalinolobus morio	Chocolate Wattled Bat	Mod - High	Overlaps with *Vespadelus vulturnus* and possibly with *Miniopterus orianae oceanensis* in some areas. Differentiated from *Vespadelus vulturnus* by the presence of down-sweeping tails on pulses and generally little doppler effect that is typically displayed by *Vespadelus* spp. Differentiated from *Miniopterus orianae oceanensis* only where they don't overlap in characteristic frequency.

Scientific Name	Common Name	Identification Potential	Identification characteristics
Falsistrellus tasmaniensis	Eastern False Pipistrelle	Mod	Typically recorded in elevated escarpment areas, mostly to the east of the site. However, it may possibly occur and long call sequences similar to this species were recorded. Overlaps with *Mormopterus petersi* and *Vespadelus darlingtoni*. Differentiated from Mormopterus petersi in long call sequences by curved pulses and from *Vespadelus darlingtoni* only where they do not overlap in characteristic frequency.
Miniopterus orianae oceanensis	Eastern Bent-winged Bat	Low – Mod	Overlaps in characteristic frequency with *Vespadelus darlingtoni, Vespadelus regulus, Vespadelus vulturnus* and possibly with *Chalinolobus morio*. Differentiated from *Vespadelus* spp. in good quality recordings by generally little doppler effect or characteristic 'stepped' feeding buzz (no stage 1), if feeding buzz is present. Differentiated from *Chalinolobus morio* only where recordings are at lower characteristic frequency or in good quality recordings with uneven pulse spacing. Maximum pulse amplitude and uneven pulse spacing were not found to be helpful in differentiating *Vespadelus* spp. from *Miniopterus orianae oceanensis* for this dataset in Anabat Insight.
Mormopterus petersi	Inland Free-tailed Bat	Mod	Overlaps with in characteristic frequency with *Chalinolobus gouldii* and *Scotorepens balstoni*. Differentiated from *Chalinolobus gouldii* and *Scotorepens balstoni* in long call sequences with mostly flat pulse shapes.
Mormopterus planiceps	Southern Free-tailed Bat	Mod	Overlaps in characteristic frequency with *Chalinolobus gouldii* and *Scotorepens balstoni*. Differentiated from *Chalinolobus gouldii* and *Scotorepens balstoni* in long call sequences with mostly flat pulse shapes.
Myotis macropus	Large-footed Myotis	Low - Mod	Overlaps in call features with *Nyctophilus* spp. Differentiated from *Nyctophilus* spp. in good quality call sequences with pulse intervals < 75 ms, initial slope > 400 OPS and often with a central kink and varying slopes among pulses.
Nyctophilus geoffroyi	Lesser long-eared bat	Low	Overlaps in call features with *Nyctophilus gouldi* and *Myotis macropus*. Differentiated from *Myotis macropus* by pulse intervals > 95 ms and an initial slope of < 300 OPS. However, *Nyctophilus geoffroyi* and *Nyctophilus gouldi* are unable to be differentiated from each other.

Scientific Name	Common Name	Identification Potential	Identification characteristics
Nyctophilus gouldi	Gould's long-eared bat	Low	Overlaps in call features with *Nyctophilus geoffroyi* and *Myotis macropus*. Differentiated from *Myotis macropus* by pulse intervals > 95 ms and an initial slope of < 300 OPS. However, *Nyctophilus geoffroyi* and *Nyctophilus gouldi* are unable to be differentiated from each other.
Rhinolophus megaphyllus	Eastern Horseshoe Bat	High	Long duration, flat calls at characteristic frequency of 66 – 70kHz, unlikely to be confused with any other species.
Saccolaimus flaviventris	Yellow-bellied Sheath-tailed Bat	Mod - High	Calls may overlap with *Chalinolobus dwyeri* and uncharacteristically high frequency *Austronomus australis* calls. Good quality call sequences are unlikely to be confused with *Chalinolobus dwyeri* due to *Chalinolobus dwyeri* having small pulse shape and alternating pulses. The harmonics of *Saccolaimus flaviventris* assist identification in full spectrum (.WAV) recordings and only call sequences showing harmonics were identified at a definite confidence. The characteristic frequency of the fundamental (first harmonic) is 10-12 kHz, the second (loudest harmonic) is 20-25kHz and the third harmonic 30-35kHz.
Scotorepens balstoni	Inland Broad-nosed Bat	Low - Mod	Overlaps in characteristic frequency with *Mormopterus petersi, Mormopterus planiceps* and *Chalinolobus gouldii*. Differentiated from *Mormopterus* spp. in long call sequences by the presence of mostly curved pulse shapes. Differentiated from *Chalinolobus gouldii* only in long call sequences with no alternating pulse frequencies.
Vespadelus darlingtoni	Large Forest Bat	Low	Overlaps in characteristic frequency with *Miniopterus orianae oceanensis, Vespadelus regulus* and *Vespadelus vulturnus*. Differentiated from *Miniopterus orianae oceanensis* by lower characteristic frequency, in long call sequences that show doppler effect or where a two-staged feeding buzz is present. Usually unable to be differentiated from *Vespadelus vulturnus* and *Vespadelus regulus* where they overlap in frequency. Maximum pulse amplitude and uneven pulse spacing were not found to be helpful in differentiating *Vespadelus* spp. from *Miniopterus orianae oceanensis* for this dataset in Anabat Insight.

Scientific Name	Common Name	Identification Potential	Identification characteristics
Vespadelus regulus	Southern Forest Bat	Low	Overlaps in characteristic frequency with *Miniopterus orianae oceanensis, Vespadelus darlingtoni* and *Vespadelus vulturnus*. Differentiated from *Chalinolobus morio* in long call sequences by the presence of upsweeping tails on most pulses. Differentiated from *Miniopterus orianae oceanensis* in long call sequences that show doppler effect or where a two-staged feeding buzz is present. Usually unable to be differentiated from *Vespadelus darlingtoni* and *Vespadelus vulturnus* where they overlap in frequency. Maximum pulse amplitude and uneven pulse spacing were not found to be helpful in differentiating *Vespadelus* spp. from *Miniopterus orianae oceanensis* for this dataset in Anabat Insight.
Vespadelus vulturnus	Little Forest Bat	Low - Mod	Overlaps in characteristic frequency with *Chalinolobus morio*, *Miniopterus orianae oceanensis, Vespadelus darlingtoni* and *Vespadelus regulus*. Differentiated from *Chalinolobus morio* in long call sequences by the presence of upsweeping tails on most pulses. Differentiated from *Miniopterus orianae oceanensis* in long call sequences that show doppler effect or where a two-staged feeding buzz is present. Usually unable to be differentiated from *Vespadelus darlingtoni* and *Vespadelus vulturnus* where they overlap in frequency. Maximum pulse amplitude and uneven pulse spacing were not found to be helpful in differentiating *Vespadelus* spp. from *Miniopterus orianae oceanensis* for this dataset in Anabat Insight.

APPENDIX B FULL BAT CALL RESULTS

		ExtraData	ExtraData	BGI01	BGI01	BGI01	BGI01	BGI01	BGI01	BGI01	BGI02	BGI02	BGI02	BGI02
		Summer 2020	Summer 2020	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019
Confidence	**Identification**	**13/01/2020**	**14/01/2020**	**9/11/2018**	**10/11/2018**	**11/11/2018**	**12/11/2018**	**20/11/2018**	**21/11/2018**	**22/11/2018**	**1/04/2019**	**2/04/2019**	**3/04/2019**	**4/04/2019**
DEFINITE	Austronomus australis	40	24	-	-	1	5	6	5	-	8	5	6	4
	Chalinolobus gouldii	2	-	14	6	3	9	6	2	-	14	34	23	4
	Chalinolobus morio	4	18	-	-	-	-	-	-	-	1	1	1	3
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-	-	-	3
	Mormopterus planiceps	-	1	-	3	-	3	-	-	-	1	1	5	20
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	1	-	-
PROBABLE	Austronomus australis	4	8	-	-	1	3	7	-	-	-	2	1	-
	Chalinolobus gouldii	7	2	8	6	6	6	2	-	-	4	13	9	3
	Chalinolobus morio	1	19	-	-	-	1	-	-	-	1	3	1	4
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	3	6	-	3	1	23	8	2	-	13	13	10	43
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	1	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	8	98	-	-	-	1	-	-	-	17	27	24	15
POSSIBLE	Austronomus australis	-	-	-	-	-	-	2	-	-	-	-	1	-
	Chalinolobus gouldii	-	-	1	2	4	5	1	1	-	2	8	1	-
	Chalinolobus morio	1	1	-	-	-	-	-	-	-	-	1	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	1	-	1	1	2	6	3	1	-	1	-	1	4
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	1	12	-	-	-	-	-	-	-	-	2	-	1
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	2	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	1	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	4	21	-	4	7	62	16	-	-	2	2	5	3
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	67	38	77	38	89	149	151	125	5	241	393	317	335
	Chalinolobus gouldii / Scotorepens balstoni	51	54	43	45	14	18	13	6	1	8	44	51	12
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	2	1	-	-	-	-	-	-	-	1	24	11	3
	Chalinolobus morio / Vespadelus vulturnus	3	29	-	-	1	-	1	-	-	7	17	12	5
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	7	-	-	-	2	3	-	-	161	266	343	195
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	5	-	-	2	-	4	-	-	64	202	290	44
	Miniopterus orianae oceanensis / Vespadelus vulturnus	2	3	-	-	-	1	1	-	-	25	76	81	14
	Mormopterus petersi / Scotorepens balstoni	-	1	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	4	2	-	1	-	-	-	-	-	4	1	1	-
	Vespadelus darlingtoni / Vespadelus regulus	-	14	-	1	2	1	1	-	-	1	16	5	1
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	20	-	-	-	-	1	-	-	80	88	76	44
	Vespadelus regulus / Vespadelus vulturnus	5	48	-	-	-	3	-	-	-	167	176	275	117
UNKNOWN	Unknown	56	73	42	26	54	68	46	40	4	31	109	74	82
	‘Noise’ files	946	534	227	546	943	533	1460	374	1499	1059	321	250	258
TOTAL		**1212**	**1041**	**413**	**683**	**1130**	**899**	**1733**	**556**	**1509**	**1913**	**1846**	**1874**	**1217**

		BGI02	BGI02	BGI02	BGI02	BGI02	BGI02	BGI02	BGI02	BGI02	BGI02	BGI02	BGI02
		Autumn 2019	Autumn 2019	Autumn 2019	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Summer 2018-19	Summer 2018-19
Confidence	**Identification**	**8/04/2019**	**9/04/2019**	**10/04/2019**	**9/11/2018**	**10/11/2018**	**11/11/2018**	**12/11/2018**	**20/11/2018**	**21/11/2018**	**22/11/2018**	**29/01/2019**	**30/01/2019**
DEFINITE	Austronomus australis	2	-	-	-	-	1	-	4	5	-	32	20
	Chalinolobus gouldii	2	-	-	5	1	-	1	-	-	-	8	6
	Chalinolobus morio	-	-	-	1	-	-	-	-	-	-	-	5
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	1	4	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	-	-	-	-	-	-	1	2	-	1	-
	Chalinolobus gouldii	3	-	-	1	-	1	-	-	1	-	3	2
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	7	1	1	1	1	-	-	2	2
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	1	-	-	-	-	-
	Vespadelus vulturnus	11	-	-	-	-	-	-	-	-	-	-	27
POSSIBLE	Austronomus australis	-	-	-	-	-	-	-	-	1	-	-	-
	Chalinolobus gouldii	-	-	-	-	1	-	-	-	-	-	-	1
	Chalinolobus morio	-	-	-	-	-	-	1	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	1	-	-	2	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	2
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	1	-	-	-	1	1	-	-	-	-	1	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	-	-	-	3	8	6	11	-	-	-	3	4
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	60	3	11	28	2	14	33	18	4	-	39	52
	Chalinolobus gouldii / Scotorepens balstoni	4	-	1	11	3	1	6	3	2	-	13	9
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	4	-	-	-	-	-	-	-	-	-	-	16
	Chalinolobus morio / Vespadelus vulturnus	4	1	-	-	-	-	-	-	-	-	1	22
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	17	-	-	-	-	2	2	-	-	-	1	53
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	44	-	-	3	-	-	-	-	-	-	1	109
	Miniopterus orianae oceanensis / Vespadelus vulturnus	8	-	-	1	-	1	-	-	-	-	-	54
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	1	-	-	-	1	-	-	-	1	6
	Vespadelus darlingtoni / Vespadelus regulus	1	1	-	1	-	-	-	-	-	-	-	3
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	4	-	-	-	-	-	-	-	-	-	-	11
	Vespadelus regulus / Vespadelus vulturnus	43	-	-	-	-	-	-	-	-	-	-	47
UNKNOWN	Unknown	156	9	19	1	-	7	12	9	5	-	17	37
	‘Noise’ files	415	12	39	651	439	1079	379	424	677	369	892	408
TOTAL		**779**	**26**	**72**	**718**	**456**	**1114**	**450**	**460**	**697**	**369**	**1016**	**896**

		BGI02	BGI02	BGI02	BGI02	BGI02	BGI03	BGI03	BGI03	BGI03	BGI03	BGI03
		Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019
Confidence	**Identification**	**31/01/2019**	**4/02/2019**	**5/02/2019**	**6/02/2019**	**7/02/2019**	**1/04/2019**	**2/04/2019**	**3/04/2019**	**4/04/2019**	**8/04/2019**	**9/04/2019**
DEFINITE	Austronomus australis	20	13	6	5	21	2	10	-	1	-	-
	Chalinolobus gouldii	6	23	9	38	7	1	1	2	-	-	3
	Chalinolobus morio	-	-	-	1	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	1	2	-	-	-	2	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	2	-	1	2	2	2	4	-	1	-	1
	Chalinolobus gouldii	7	4	5	16	3	1	-	-	-	-	-
	Chalinolobus morio	-	3	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	1	1	6	6	1	3	-	-	8	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	1	-	-	1	1	-	-	-	-	-	-
	Vespadelus vulturnus	4	122	41	28	9	30	14	29	11	4	-
POSSIBLE	Austronomus australis	1	-	1	1	-	1	2	1	4	-	-
	Chalinolobus gouldii	2	1	3	2	-	-	-	1	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	4	-	-	-	1	1	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	1	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	13	5	9	6	1	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	1	1	1	-	-	-	1	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	1	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	-	3	1	18	1	12	1	10	10	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	1	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	47	153	126	244	124	302	152	138	245	9	7
	Chalinolobus gouldii / Scotorepens balstoni	16	31	14	36	36	7	6	14	2	1	-
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	1	68	32	87	15	35	42	65	14	6	-
	Chalinolobus morio / Vespadelus vulturnus	4	109	43	72	26	28	48	93	35	30	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	2	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	65	44	51	130	8	8	4	5	2	3	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	1	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	40	132	139	227	41	14	13	13	13	9	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	11	120	102	176	72	50	14	37	12	7	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	1	6	1	7	2	8	3	-	1	-	-
	Vespadelus darlingtoni / Vespadelus regulus	5	4	3	6	8	1	-	1	-	1	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	391	9	17	59	2	4	4	3	12	7	2
	Vespadelus regulus / Vespadelus vulturnus	42	56	33	19	4	6	5	5	13	7	1
UNKNOWN	Unknown	18	69	79	191	164	185	124	125	186	38	11
	‘Noise’ files	333	1132	455	606	255	314	185	166	291	68	13
TOTAL		**1018**	**2104**	**1170**	**1987**	**805**	**1027**	**638**	**720**	**869**	**191**	**38**

		BGI03	BGI03	BGI03	BGI03	BGI03	BGI03	BGI03	BGI03	BGI03	BGI03	BGI03	BGI03
		Autumn 2019	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19
Confidence	**Identification**	**10/04/2019**	**8/11/2018**	**9/11/2018**	**10/11/2018**	**11/11/2018**	**19/11/2018**	**20/11/2018**	**21/11/2018**	**29/01/2019**	**30/01/2019**	**31/01/2019**	**4/02/2019**
DEFINITE	Austronomus australis	-	-	4	1	2	-	43	16	9	24	7	7
	Chalinolobus gouldii	-	6	7	3	4	2	8	1	6	8	25	16
	Chalinolobus morio	-	-	-	-	-	-	-	1	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	1	-	2	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	1	-	-	-	-	-	-	-	1	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	1	-	1	-	-	-	5	1	3	5	5	6
	Chalinolobus gouldii	-	2	4	-	1	-	6	1	4	8	12	14
	Chalinolobus morio	-	-	-	1	-	-	-	-	-	-	2	2
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	1	2	3	2	1	2	1	2	-	-	2
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	1	-	-	-	-	-	-	3
	Scotorepens balstoni	-	-	-	1	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	95	77	77	50	66	28	13	34	64	42
POSSIBLE	Austronomus australis	-	-	1	-	1	2	6	1	4	5	1	4
	Chalinolobus gouldii	-	4	2	-	-	-	-	-	1	-	4	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	1	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	2	1	-	-	-	2	-	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	1	-	-	-	-	-	-	-	-	-	2
	Scotorepens balstoni	-	-	-	1	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	1	4	-	64	18	33	2	-	4	2
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	1	-	-	1	4	4	-	34	16	9	32
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	2	-	-	1
	Chalinolobus gouldii / Mormopterus planiceps	5	2	4	13	22	14	11	1	29	33	31	47
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	4	-	6	30
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	4	7	47	9	32	27	80	18	70	97	84	60
	Chalinolobus gouldii / Scotorepens balstoni	-	13	14	17	33	10	40	8	26	31	21	53
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	1	8	17	49	32	48	32	47	41	94	56
	Chalinolobus morio / Vespadelus vulturnus	1	-	69	54	46	38	56	33	38	48	113	86
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	2	5	8	7	7	12	5	14	6	14	14
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	1	-	20	37	54	23	43	25	26	33	46	48
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	1	69	46	90	47	60	50	22	45	126	86
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	1	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	2	3	-	1	1	-	3	9	-	3	34
	Vespadelus darlingtoni / Vespadelus regulus	-	-	2	1	4	-	3	2	3	4	7	4
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	1	11	4	1	5	5	-	10	17	11	7
	Vespadelus regulus / Vespadelus vulturnus	-	-	18	29	27	22	43	46	25	34	26	18
UNKNOWN	Unknown	7	21	63	56	55	72	142	47	221	232	221	298
	‘Noise’ files	14	39	72	91	121	58	162	74	252	281	629	713
TOTAL		**33**	**105**	**523**	**475**	**634**	**480**	**863**	**427**	**878**	**1003**	**1566**	**1687**

		BGI03	BGI03	BGI03	BGI04	BGI04	BGI04	BGI04	BGI04	BGI04	BGI04	BGI04	BGI04
		Summer 2018-19	Summer 2018-19	Summer 2018-19	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Spring 2018	Spring 2018
Confidence	**Identification**	**5/02/2019**	**6/02/2019**	**7/02/2019**	**1/04/2019**	**2/04/2019**	**3/04/2019**	**4/04/2019**	**8/04/2019**	**9/04/2019**	**10/04/2019**	**8/11/2018**	**9/11/2018**
DEFINITE	Austronomus australis	-	9	14	-	4	-	3	4	-	-	-	1
	Chalinolobus gouldii	-	29	24	-	-	-	-	4	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	2	-	-	-	1	-	-	-	-	15
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	1	2	-	1	1	-	1	-	-	-	-
	Chalinolobus gouldii	-	11	10	-	-	-	-	4	-	-	-	1
	Chalinolobus morio	-	-	-	-	-	2	-	-	2	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	4	3	2	-	1	5	-	1	-	-	29
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	1	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	6	1	-	5	3	2	4	-	-	1	14
POSSIBLE	Austronomus australis	-	1	2	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii	-	3	1	-	-	-	-	-	-	-	1	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	1	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	1
	Mormopterus planiceps	-	1	4	1	1	-	4	1	-	-	-	3
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	2	-	1	4	2	8	-	-	-	11
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	4	6	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	-	27	18	11	2	1	7	-	-	-	1	1
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	1	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	-	66	52	99	23	68	57	162	45	3	2	102
	Chalinolobus gouldii / Scotorepens balstoni	-	41	24	1	32	27	-	10	1	1	-	6
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	27	20	-	11	9	-	16	-	-	1	10
	Chalinolobus morio / Vespadelus vulturnus	-	19	9	-	12	6	-	18	3	-	1	17
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	8	2	-	1	2	-	26	-	-	2	33
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	28	13	-	2	6	2	12	1	-	3	82
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	30	12	1	29	47	2	14	3	-	3	90
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	7	5	-	1	-	-	-	-	-	-	1
	Vespadelus darlingtoni / Vespadelus regulus	-	3	8	3	5	1	-	376	166	-	6	137
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	6	1	-	3	2	3	13	3	-	2	27
	Vespadelus regulus / Vespadelus vulturnus	-	4	6	-	-	-	-	4	-	-	2	11
UNKNOWN	Unknown	-	137	153	57	58	68	47	222	37	6	6	65
	‘Noise’ files	8	175	161	84	73	94	65	238	35	102	23	73
TOTAL		**8**	**648**	**556**	**259**	**264**	**342**	**200**	**1137**	**298**	**112**	**54**	**730**

		BGI04	BGI04	BGI04	BGI04	BGI04	BGI04	BGI04	BGI04	BGI04	BGI04	BGI04
		Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19
Confidence	**Identification**	**10/11/2018**	**11/11/2018**	**19/11/2018**	**20/11/2018**	**21/11/2018**	**29/01/2019**	**30/01/2019**	**31/01/2019**	**4/02/2019**	**5/02/2019**	**6/02/2019**
DEFINITE	Austronomus australis	-	-	-	13	1	10	21	2	-	1	-
	Chalinolobus gouldii	-	1	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	1	1	-	-	-	-	-	-	-	-	1
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	2	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	1	-	1	4	6	4	11	2	3	1	2
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	1	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	1	1	-	5	-	5	-	-	10	3	7
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	3	4	4	2	-	1	7	-	-	4	2
POSSIBLE	Austronomus australis	-	-	-	-	1	3	1	1	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	7	1	-	-	-	2	-	-	-	1	1
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	1	-	-	-	-	-
	Vespadelus vulturnus	1	3	1	3	1	-	6	-	-	-	1
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	1	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	4	4	3	3	-	9	10	12	6	1	16
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	10	14	4	12	6	73	39	16	48	48	44
	Chalinolobus gouldii / Scotorepens balstoni	2	11	-	-	-	6	4	2	1	-	3
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	8	5	1	1	-	8	6	-	2	90	110
	Chalinolobus morio / Vespadelus vulturnus	8	1	2	4	2	12	13	1	2	100	44
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	15	3	3	3	5	17	-	1	4	14	8
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	17	1	6	4	-	37	6	2	3	22	24
	Miniopterus orianae oceanensis / Vespadelus vulturnus	6	2	-	1	-	18	-	-	5	85	36
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	2	1	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	45	6	20	11	1	85	4	3	3	13	1
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	12	8	4	8	3	27	6	-	4	56	37
	Vespadelus regulus / Vespadelus vulturnus	2	-	2	3	1	6	1	-	1	3	1
UNKNOWN	Unknown	35	25	14	35	8	237	121	49	60	136	116
	‘Noise’ files	135	51	38	129	47	376	470	1944	538	394	413
TOTAL		**317**	**143**	**103**	**241**	**83**	**938**	**726**	**2035**	**690**	**972**	**867**

		BGI04	BGI05	BGI05	BGI05	BGI05	BGI05	BGI05	BGI05	BGI06	BGI06	BGI06	BGI06	BGI06
		Summer 2018-19	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018
Confidence	**Identification**	**7/02/2019**	**8/11/2018**	**9/11/2018**	**10/11/2018**	**11/11/2018**	**19/11/2018**	**20/11/2018**	**21/11/2018**	**9/11/2018**	**10/11/2018**	**11/11/2018**	**12/11/2018**	**20/11/2018**
DEFINITE	Austronomus australis	13	2	1	1	1	-	15	19	3	-	-	10	45
	Chalinolobus gouldii	-	-	-	-	-	1	-	-	-	-	3	2	2
	Chalinolobus morio	1	-	-	-	-	-	-	-	-	1	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	1	22	2	4	-	-	-	25	14	1	-	4
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	5	2	-	-	-	-	13	7	5	-	-	1	7
	Chalinolobus gouldii	-	1	1	1	-	1	-	-	1	1	-	3	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	3	-	-	2	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	6	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	1	2	34	2	7	1	4	1	40	9	2	2	8
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	1	22	9	15	6	17	9	99	29	6	21	6
POSSIBLE	Austronomus australis	-	3	-	1	-	-	5	2	-	-	-	-	9
	Chalinolobus gouldii	-	3	-	2	-	-	-	-	-	1	-	2	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	42	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	1	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	6	1	2	-	1	-	4	2	3	5	1
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	1	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	1	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	2	-	4	14	13	9	8	10	7	6	2	1	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	3	1	4	3	10	-	7	1	25	4	2	22	16
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	57	14	124	13	30	14	37	19	154	10	15	23	26
	Chalinolobus gouldii / Scotorepens balstoni	1	10	13	8	47	4	9	3	21	4	3	3	8
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	12	1	11	10	15	4	10	22	71	8	3	2	3
	Chalinolobus morio / Vespadelus vulturnus	21	2	75	11	16	18	29	33	10	10	-	5	1
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	45	-	-	-	-	-	5	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	2	2	25	8	11	1	3	5	97	76	5	12	8
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	6	13	55	22	17	6	11	12	464	78	17	22	19
	Miniopterus orianae oceanensis / Vespadelus vulturnus	8	11	62	11	22	7	18	22	1278	41	7	10	5
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	1	3	-	-	-	2	15	6	1	2	-	1	-
	Vespadelus darlingtoni / Vespadelus regulus	9	9	338	16	38	12	39	11	230	26	15	4	5
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	10	1	22	12	27	10	8	4	19	17	10	11	9
	Vespadelus regulus / Vespadelus vulturnus	3	1	8	6	14	11	15	42	42	31	7	16	8
UNKNOWN	Unknown	160	28	136	32	96	35	62	50	158	66	20	26	47
	‘Noise’ files	494	60	255	99	136	72	341	126	198	107	117	121	263
TOTAL		**809**	**171**	**1314**	**284**	**521**	**214**	**667**	**404**	**2960**	**543**	**238**	**327**	**500**

		BGI06	BGI06	BGI07	BGI07	BGI07	BGI07	BGI07	BGI07	BGI07	BGI07	BGI07	BGI07
		Spring 2018	Spring 2018	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Spring 2018	Spring 2018	Spring 2018	Spring 2018
Confidence	**Identification**	**21/11/2018**	**22/11/2018**	**1/04/2019**	**2/04/2019**	**3/04/2019**	**4/04/2019**	**8/04/2019**	**9/04/2019**	**10/04/2019**	**9/11/2018**	**10/11/2018**	**11/11/2018**	**12/11/2018**
DEFINITE	Austronomus australis	29	2	-	1	-	2	6	-	-	1	1	-	10
	Chalinolobus gouldii	-	-	1	-	1	-	8	-	1	2	1	1	3
	Chalinolobus morio	-	-	1	3	1	2	-	-	1	1	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	1	-	-	-	-	3	-	1	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	4	-	-	-	-	-	1	-	-	3	-	1	3
	Chalinolobus gouldii	-	-	-	1	-	-	2	-	-	1	2	1	1
	Chalinolobus morio	-	-	3	1	1	4	1	-	2	-	2	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	2	-	1	2	-	3	4	-	-	8	-	7	16
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-	1
	Vespadelus vulturnus	29	-	-	18	1	-	10	-	-	-	1	2	16
POSSIBLE	Austronomus australis	-	-	-	-	-	-	-	-	-	-	-	-	1
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	1	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	-	-	-	1	-	3	3
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	4	-	-	7	-	1	47	-	-	-	-	-	10
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	6	-	3	-	1	5	6	-	-	6	5	20	58
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	7	-	3	6	7	2	88	8	4	12	3	24	50
	Chalinolobus gouldii / Scotorepens balstoni	-	-	-	-	2	1	1	-	-	-	9	1	8
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	18	-	-	5	1	4	17	-	-	1	-	1	3
	Chalinolobus morio / Vespadelus vulturnus	4	-	6	24	7	10	17	3	6	3	3	2	10
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	51	-	-	2	1	1	1	-	-	11	5	17	19
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	100	-	1	10	10	1	17	-	-	6	14	21	30
	Miniopterus orianae oceanensis / Vespadelus vulturnus	93	-	-	14	3	1	8	-	1	2	2	6	12
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-	-	-	-	1	-	-	2
	Vespadelus darlingtoni / Vespadelus regulus	21	-	2	1	-	2	-	-	-	2	-	7	8
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	26	-	1	2	2	16	4	-	-	2	1	8	28
	Vespadelus regulus / Vespadelus vulturnus	103	-	-	7	-	4	6	-	-	8	4	12	34
UNKNOWN	Unknown	23	1	6	17	14	14	110	1	3	10	12	38	59
	‘Noise’ files	82	888	58	44	123	63	396	47	28	42	52	353	127
TOTAL		**602**	**891**	**87**	**165**	**176**	**136**	**750**	**59**	**46**	**126**	**117**	**526**	**512**

		BGI07	BGI07	BGI07	BGI07	BGI07	BGI07	BGI07	BGI07	BGI07	BGI07	BGI08
		Spring 2018	Spring 2018	Spring 2018	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Spring 2018
Confidence	**Identification**	**20/11/2018**	**21/11/2018**	**22/11/2018**	**29/01/2019**	**30/01/2019**	**31/01/2019**	**4/02/2019**	**5/02/2019**	**6/02/2019**	**7/02/2019**	**6/11/2018**
DEFINITE	Austronomus australis	41	5	-	28	60	3	25	21	9	29	-
	Chalinolobus gouldii	4	-	-	2	2	-	1	10	1	-	-
	Chalinolobus morio	-	-	-	2	4	6	1	2	3	1	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	11	1	-	-	-	-	-	-	-	2	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	10	4	-	7	8	-	5	10	2	4	-
	Chalinolobus gouldii	-	-	-	-	1	-	3	4	-	-	-
	Chalinolobus morio	-	-	-	2	5	2	-	-	1	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	32	6	-	2	2	-	1	-	3	4	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	4	12	-	101	130	-	29	122	28	80	1
POSSIBLE	Austronomus australis	2	1	-	6	1	-	3	2	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-	1	-	-	-	-
	Chalinolobus morio	-	-	-	-	1	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	9	3	-	1	-	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	2	-	9	19	-	-	4	10	68	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	1	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	50	7	-	10	3	-	4	3	7	5	-
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	59	3	-	19	20	6	5	8	8	7	-
	Chalinolobus gouldii / Scotorepens balstoni	5	-	-	6	2	1	3	4	-	2	-
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	6	3	-	33	32	1	9	53	8	64	-
	Chalinolobus morio / Vespadelus vulturnus	6	3	-	56	50	3	8	74	5	68	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	32	84	-	90	30	12	22	126	72	63	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	82	74	-	114	171	1	44	243	139	122	15
	Miniopterus orianae oceanensis / Vespadelus vulturnus	13	36	-	89	227	2	41	126	46	111	6
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	2	-	-	-	-	1	-	-
	Vespadelus darlingtoni / Vespadelus regulus	87	39	-	17	1	1	10	15	3	5	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	38	27	-	36	6	22	11	75	35	13	-
	Vespadelus regulus / Vespadelus vulturnus	18	74	-	141	78	2	25	203	28	72	3
UNKNOWN	Unknown	98	29	1	100	175	42	44	76	34	46	16
	‘Noise’ files	554	225	1149	249	614	1527	571	202	229	133	146
TOTAL		**1161**	**638**	**1150**	**1123**	**1642**	**1631**	**866**	**1383**	**672**	**899**	**187**

		BGI08	BGI08	BGI08	BGI08	BGI08	BGI08	BGI08	BGI08	BGI08	BGI09	BGI09	BGI09	BGI09
		Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019
Confidence	**Identification**	**7/11/2018**	**8/11/2018**	**13/11/2018**	**14/11/2018**	**15/11/2018**	**16/11/2018**	**17/11/2018**	**18/11/2018**	**19/11/2018**	**1/04/2019**	**2/04/2019**	**3/04/2019**	**4/04/2019**
DEFINITE	Austronomus australis	-	-	5	-	-	3	1	-	3	-	-	-	2
	Chalinolobus gouldii	-	-	3	-	2	3	-	-	1	-	1	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	1	-	-	1	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	1	-
PROBABLE	Austronomus australis	-	-	5	-	1	3	2	-	1	-	-	-	-
	Chalinolobus gouldii	-	-	2	-	2	1	-	-	1	-	-	2	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	1	-	2
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	7	-	1	-	-	-	3	1	-	1	3
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	1	9	-	33	14	24	54	17	-	22	64	11
POSSIBLE	Austronomus australis	-	-	1	-	2	2	5	1	1	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	6	-	2	-	-	-	-	1	-	1	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	3	3	-	1	-	2	9	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	4	-	2	7	2	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	-	1	16	-	8	1	2	1	2	1	7	3	5
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	-	3	44	-	4	14	-	5	12	12	11	4	4
	Chalinolobus gouldii / Scotorepens balstoni	-	2	29	-	6	11	3	8	9	-	7	4	-
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	7	-	10	15	21	13	3	2	1	11	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	7	-	11	10	26	6	5	2	6	2	6
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	3	-	24	6	8	15	2	2	28	61	1
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	14	1	43	23	48	56	14	2	51	187	1
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	3	13	-	36	21	28	114	23	4	20	124	5
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	1	2	-	4	1	-	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	6	12	-	13	19	15	28	19	1	2	3	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	5	1	6	5	5	8	7	-	9	5	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	9	-	31	24	30	50	21	2	78	137	1
UNKNOWN	Unknown	-	3	94	-	62	58	39	41	54	21	25	29	12
	‘Noise’ files	3693	18	131	15	345	100	272	133	55	74	46	106	46
TOTAL		**3693**	**38**	**428**	**17**	**648**	**344**	**534**	**534**	**254**	**125**	**318**	**754**	**99**

		BGI09	BGI09	BGI09	BGI09	BGI09	BGI09	BGI09	BGI09	BGI09	BGI09	BGI09	BGI09
		Autumn 2019	Autumn 2019	Autumn 2019	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018
Confidence	**Identification**	**8/04/2019**	**9/04/2019**	**10/04/2019**	**6/11/2018**	**7/11/2018**	**8/11/2018**	**13/11/2018**	**14/11/2018**	**15/11/2018**	**16/11/2018**	**17/11/2018**	**18/11/2018**	**19/11/2018**
DEFINITE	Austronomus australis	3	2	-	1	-	-	20	-	6	5	4	1	2
	Chalinolobus gouldii	-	-	1	-	-	-	1	-	-	-	-	-	1
	Chalinolobus morio	-	-	-	-	-	-	4	-	-	2	1	1	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	1	-	-	-	-	5	-	-	-	-	-	1
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	-	-	1	-	-	5	-	2	-	2	-	-
	Chalinolobus gouldii	-	-	-	-	-	2	-	-	-	-	-	-	1
	Chalinolobus morio	-	1	-	-	-	-	1	-	1	3	-	4	1
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	17	-	-	-	-	1	3
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	5	2	-	22	-	3	13	-	-	5	-	-	11
POSSIBLE	Austronomus australis	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	1	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	1	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	5	-	-	-	-	1	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	1	-	-	-	-	-	-	-	-	-	-	1	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	-	-	-	2	-	-	32	1	1	4	1	1	2
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	17	1	2	4	-	1	68	-	12	5	8	11	15
	Chalinolobus gouldii / Scotorepens balstoni	2	1	-	3	-	2	5	-	-	-	-	-	2
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	2	-	-	10	-	-	8	-	1	-	-	1	1
	Chalinolobus morio / Vespadelus vulturnus	5	3	1	1	-	2	6	-	3	1	-	2	1
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	2	-	-	-	2	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	23	-	-	58	-	11	54	-	1	5	-	2	21
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	10	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	64	1	-	142	-	55	95	-	3	11	6	2	58
	Miniopterus orianae oceanensis / Vespadelus vulturnus	21	1	-	68	-	12	41	-	-	5	6	4	12
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	1	-	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	4	2	-	1	-	2	22	-	-	1	-	-	9
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	11	-	-	11	-	4	31	-	-	3	-	-	4
	Vespadelus regulus / Vespadelus vulturnus	9	-	-	41	-	22	18	-	1	8	1	-	40
UNKNOWN	Unknown	32	5	4	39	-	8	43	-	15	18	20	23	21
	‘Noise’ files	77	11	21	177	2235	65	82	9	452	51	346	194	93
TOTAL		**276**	**31**	**29**	**592**	**2235**	**190**	**579**	**10**	**498**	**127**	**397**	**249**	**299**

		BGI09	BGI09	BGI09	BGI09	BGI09	BGI09	BGI09	BMIRP8	BMIRP8	BMIRP8
		Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Autumn 2019	Autumn 2019	Autumn 2019
Confidence	**Identification**	**29/01/2019**	**30/01/2019**	**31/01/2019**	**4/02/2019**	**5/02/2019**	**6/02/2019**	**7/02/2019**	**28/03/2019**	**29/03/2019**	**1/04/2019**
DEFINITE	Austronomus australis	177	641	171	45	8	155	79	34	-	13
	Chalinolobus gouldii	1	6	1	4	-	1	-	-	-	-
	Chalinolobus morio	-	3	1	1	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	2	-	-	-	-	1	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	13	22	49	9	2	12	11	4	-	3
	Chalinolobus gouldii	-	-	1	1	-	-	-	-	-	-
	Chalinolobus morio	1	-	-	-	-	1	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	4	-	3	-	-	1	8	-	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	8	10	1	7	1	1	4	-	-	-
POSSIBLE	Austronomus australis	1	5	19	4	2	5	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	1	-	1	-	-	-	2	-	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	3	1	-	-	-	1	1	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	5	3	-	9	1	1	6	-	1	1
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	34	16	61	30	6	9	46	2	-	11
	Chalinolobus gouldii / Scotorepens balstoni	8	14	1	5	1	-	5	-	-	-
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	9	3	-	4	2	2	33	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	15	17	1	1	1	23	18	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	67	34	1	31	3	12	27	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	82	49	3	14	5	23	57	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	35	26	-	3	2	7	17	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	3	-	1	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	6	3	1	6	4	3	4	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	35	18	1	4	-	4	23	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	20	23	-	11	-	2	11	-	-	-
UNKNOWN	Unknown	110	84	163	89	7	50	87	13	1	20
	‘Noise’ files	188	175	969	252	51	188	126	24	545	382
TOTAL		**825**	**1156**	**1448**	**531**	**96**	**502**	**565**	**77**	**547**	**430**

		BMIRP8	BMIRP8	BMIRP8	BMIRP8	BMIRP8	BMIRP8	BMIRP8	BMIRP8	BMIRP8	BMIRP8	BMIRP8
		Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**2/04/2019**	**3/04/2019**	**4/04/2019**	**5/04/2019**	**6/04/2019**	**7/04/2019**	**8/04/2019**	**9/04/2019**	**10/04/2019**	**11/04/2019**	**14/02/2019**
DEFINITE	Austronomus australis	4	-	4	1	-	-	1	1	1	3	20
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	2	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-
POSSIBLE	Austronomus australis	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	1	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	-	2	1	-	5	-	-	-	1	-	8
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	-	8	2	2	1	-	1	1	1	-	21
	Chalinolobus gouldii / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	8
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	-	-	-	-	-	-	8	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-
UNKNOWN	Unknown	4	4	3	2	1	-	4	-	3	3	20
	‘Noise’ files	10	468	436	172	15	187	1512	73	338	43	267
TOTAL		**18**	**482**	**446**	**177**	**25**	**187**	**1518**	**75**	**344**	**57**	**344**

		BMIRP8	BMIRP8	BMIRP8	BMIRP8	BMIRP8	BMIRP8
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**15/02/2019**	**16/02/2019**	**17/02/2019**	**18/02/2019**	**19/02/2019**	**20/02/2019**
DEFINITE	Austronomus australis	61	132	25	39	126	109
	Chalinolobus gouldii	-	-	-	-	-	1
	Chalinolobus morio	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	1	5	1	-	2	1
	Chalinolobus gouldii	-	-	-	-	-	1
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	1	-	-	1	1
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	1	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
POSSIBLE	Austronomus australis	3	2	-	-	1	2
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	1	-	-	-	1
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	1	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	1	-	-	1	8	3
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	16	22	7	9	10	26
	Chalinolobus gouldii / Scotorepens balstoni	4	3	5	2	1	4
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	1	1
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	1	-	-	-	1
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	1	-	-	-	9	3
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
UNKNOWN	Unknown	34	48	10	26	78	84
	‘Noise’ files	109	38	7	1163	121	129
TOTAL		**232**	**253**	**55**	**1240**	**358**	**367**

		BMIRP8	BMIRP8	BMIRP8	BMIRP8	BMIRP8	BMIRP8
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**21/02/2019**	**22/02/2019**	**23/02/2019**	**24/02/2019**	**25/02/2019**	**26/02/2019**
DEFINITE	Austronomus australis	69	78	80	48	100	7
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	-	-	-	1	-
	Chalinolobus gouldii	-	-	-	1	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	1	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	1	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
POSSIBLE	Austronomus australis	-	1	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	1	8	-	-	2	1
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	21	9	9	7	8	7
	Chalinolobus gouldii / Scotorepens balstoni	2	4	-	1	1	-
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	1
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	1	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
UNKNOWN	Unknown	42	30	37	27	45	11
	‘Noise’ files	1372	1096	1345	762	71	45
TOTAL		**1507**	**1228**	**1472**	**846**	**228**	**72**

		BMIRP8	BMIRP8	BMIRP8	BMIRP8	BMIRP8	BMIRP8
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**27/02/2019**	**28/02/2019**	**1/03/2019**	**2/03/2019**	**3/03/2019**	**4/03/2019**
DEFINITE	Austronomus australis	40	27	50	26	58	55
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	-	-	3	2	4
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	1	2	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
POSSIBLE	Austronomus australis	-	-	-	-	-	2
	Chalinolobus gouldii	-	-	-	-	1	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	1	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	4	2	1	4	-	2
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	1	-	-	1	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	13	7	6	-	10	11
	Chalinolobus gouldii / Scotorepens balstoni	2	2	-	1	-	3
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	2
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	2
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	-	-	2
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	2
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	2
UNKNOWN	Unknown	24	22	36	23	24	30
	‘Noise’ files	105	29	419	62	26	61
TOTAL		**190**	**91**	**512**	**121**	**121**	**178**

		BMIRP8	BMIRP8	BMIRP8	BMIRP8	BMIRP8	BMIRP8
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**5/03/2019**	**6/03/2019**	**7/03/2019**	**8/03/2019**	**9/03/2019**	**10/03/2019**
DEFINITE	Austronomus australis	42	11	31	290	175	128
	Chalinolobus gouldii	-	-	-	1	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	2	-	-	9	11	8
	Chalinolobus gouldii	-	-	-	-	3	1
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	1	-	3	1	1	4
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	1	-	-	-	-	-
POSSIBLE	Austronomus australis	-	-	-	1	8	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	6	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	6	2	3	1	1	2
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	8	8	5	24	20	20
	Chalinolobus gouldii / Scotorepens balstoni	1	-	2	2	4	6
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	1	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	1	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	1	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	1	2	-	1	2	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	4	-
UNKNOWN	Unknown	36	24	17	151	104	78
	‘Noise’ files	1044	377	938	349	152	570
TOTAL		**1142**	**424**	**999**	**830**	**494**	**817**

		BMIRP8	BMIRP8	BMIRP8	BMIRP8	BMIRP8	BMIRP8
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**11/03/2019**	**12/03/2019**	**13/03/2019**	**14/03/2019**	**15/03/2019**	**16/03/2019**
DEFINITE	Austronomus australis	102	70	82	58	26	27
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	4	9	7	3	-	3
	Chalinolobus gouldii	1	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	1	4	6	4	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	1	-	-
POSSIBLE	Austronomus australis	2	-	-	-	-	-
	Chalinolobus gouldii	-	-	1	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	1	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	2	1	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	1	-	2	4	8	-
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	4	15	9	17	12	4
	Chalinolobus gouldii / Scotorepens balstoni	-	2	5	7	1	1
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	1	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	1
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	1	-	14	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	1	-	-
UNKNOWN	Unknown	47	33	43	41	24	26
	‘Noise’ files	47	45	56	87	977	409
TOTAL		**209**	**181**	**212**	**238**	**1049**	**471**

		BMIRP8	BMIRP8	BMIRP8	BMIRP8	BMIRP8	BMIRP8
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**17/03/2019**	**18/03/2019**	**19/03/2019**	**20/03/2019**	**21/03/2019**	**22/03/2019**
DEFINITE	Austronomus australis	127	127	42	10	27	13
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	8	9	4	1	3	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	1	2	2	-	1	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	1	-	-	-	-
POSSIBLE	Austronomus australis	1	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	3	1	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	6	7	4	-	8	-
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	5	12	6	10	3	1
	Chalinolobus gouldii / Scotorepens balstoni	-	1	-	3	-	-
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
UNKNOWN	Unknown	57	81	24	17	22	3
	‘Noise’ files	391	137	39	47	26	10
TOTAL		**599**	**378**	**121**	**88**	**90**	**27**

		BMIRP8	BMIRP8	BMIRP8	BMIRP8	BMIRP8	BMIRP8	BMIRP8	BMIRP8
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Spring 2018	Spring 2018	Spring 2018
Confidence	**Identification**	**23/03/2019**	**24/03/2019**	**25/03/2019**	**26/03/2019**	**27/03/2019**	**9/11/2018**	**10/11/2018**	**11/11/2018**
DEFINITE	Austronomus australis	51	21	7	-	13	2	1	2
	Chalinolobus gouldii	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	4	1	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	5	4	1	-	1	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	2	-	-
	Mormopterus planiceps	-	1	-	-	-	32	-	3
	Myotis macropus	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	1	4	-
POSSIBLE	Austronomus australis	-	-	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	1	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	1	-
	Mormopterus planiceps	-	-	-	-	-	7	-	1
	Myotis macropus	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	-	3	-	-	-	55	1	5
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	4	8	3	-	2	32	5	2
	Chalinolobus gouldii / Scotorepens balstoni	1	1	-	-	-	9	2	-
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	3	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	7	1
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	1	4	1
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	-	-	5	6	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	7	24	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	2	-
UNKNOWN	Unknown	25	16	5	2	8	22	14	1
	‘Noise’ files	31	1831	1724	5	9	9	4	173
TOTAL		**117**	**1885**	**1740**	**7**	**33**	**189**	**79**	**189**

		BMIRP8	BMIRP8	BMIRP8	BMIRP8	BMIRP8	BMIRP8	BMIRP8	BMIRP8	BMIRP8	BMIRP8	BMIRP8	BMIRP8
		Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Summer 2018-19	Summer 2018-19
Confidence	**Identification**	**12/11/2018**	**13/11/2018**	**14/11/2018**	**15/11/2018**	**16/11/2018**	**17/11/2018**	**18/11/2018**	**19/11/2018**	**20/11/2018**	**21/11/2018**	**21/01/2019**	**22/01/2019**
DEFINITE	Austronomus australis	2	6	9	2	2	1	-	-	23	10	113	74
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-	-	3
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	2	1	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	-	1	-	-	-	-	-	1	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	9	20	17	-	1	1	-	-	5	3	2	7
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	2	-	-	-	-	1	-	-	-	-	-	-
	Vespadelus vulturnus	-	1	-	-	-	-	-	-	-	-	-	-
POSSIBLE	Austronomus australis	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	3	2	-	-	-	-	-	1	-	-	1
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	1	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	7	38	33	-	-	1	-	-	7	1	6	7
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	2	18	12	1	1	-	-	-	2	1	5	22
	Chalinolobus gouldii / Scotorepens balstoni	-	1	2	-	-	-	-	-	-	-	-	2
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	1	-	-	-	-	-	-	2	-	1	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	2	-	1	-	-	-	-	-	-	-	-	1
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	1	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	1	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	1	1	-	1	-	-	-	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	1
UNKNOWN	Unknown	5	9	14	-	3	5	-	1	25	7	34	52
	‘Noise’ files	2	6	11	856	365	1752	736	19	537	317	34	77
TOTAL		**32**	**108**	**104**	**859**	**373**	**1761**	**736**	**22**	**601**	**340**	**194**	**247**

		BMIRP8	BMIRP8	BMIRP8	BMIRP8	BMIRP8	BMIRP8	BMIRP8	BMIRP8	BMIRP8	BMIRP8
		Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19
Confidence	**Identification**	**23/01/2019**	**24/01/2019**	**25/01/2019**	**26/01/2019**	**27/01/2019**	**28/01/2019**	**29/01/2019**	**30/01/2019**	**31/01/2019**	**1/02/2019**
DEFINITE	Austronomus australis	4	61	13	85	101	120	133	25	22	10
	Chalinolobus gouldii	-	-	1	-	2	1	2	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	8	1	-	4	4	15	-	-	-
	Chalinolobus gouldii	-	-	-	-	2	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	1	1	-	1	-	1	1	-	-	1
	Myotis macropus	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	1	1	-	-	-	1	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	2	-	-	-
POSSIBLE	Austronomus australis	-	-	-	-	1	-	2	-	1	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	1	-	-	-	1	1	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	-	8	-	4	-	1	6	6	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	4	27	9	16	23	18	16	12	12	2
	Chalinolobus gouldii / Scotorepens balstoni	1	1	4	2	6	3	5	3	1	-
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	1	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	1	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	1	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	1	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	-	2	-	1	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	2	-	1	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	2	-	-	-	-	-
UNKNOWN	Unknown	12	35	3	34	47	56	57	15	28	15
	‘Noise’ files	3514	770	534	1257	111	240	69	844	3479	3499
TOTAL		**3536**	**912**	**567**	**1399**	**303**	**444**	**315**	**907**	**3543**	**3527**

		BMIRP8	BMIRP8	BGIRP2	BGIRP2	BGIRP2	BGIRP2	BGIRP2	BGIRP2	BGIRP2	BGIRP2
		Summer 2018-19	Summer 2018-19	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**2/02/2019**	**3/02/2019**	**28/03/2019**	**29/03/2019**	**30/03/2019**	**31/03/2019**	**5/04/2019**	**6/04/2019**	**7/04/2019**	**14/02/2019**
DEFINITE	Austronomus australis	21	10	26	-	4	-	-	6	5	6
	Chalinolobus gouldii	-	-	1	-	1	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	3	-	1
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	-	2	-	4
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	-	1	-	-	-	-	-	-	2
	Chalinolobus gouldii	-	-	1	-	-	-	-	-	-	1
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	10	-	-	-	-	-	-	-	5
	Myotis macropus	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	1
POSSIBLE	Austronomus australis	1	-	-	-	-	-	-	-	-	1
	Chalinolobus gouldii	-	1	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	1	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	2	-	-	-	-	-	-	-	1
	Myotis macropus	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	-	18	4	-	-	-	-	20	-	40
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	7	20	9	-	-	3	-	12	3	7
	Chalinolobus gouldii / Scotorepens balstoni	-	-	6	-	-	-	-	6	-	10
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-	4	1	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-	1	3	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	1	1	-	-	-	-	1	1
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	1	-	-	-	-	7	-	2
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-	5	2	1
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	1	-	-	1	-	-	-	4
	Vespadelus darlingtoni / Vespadelus regulus	-	-	2	-	-	-	1	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	3	-	-	-	1	2	-	1
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	1
UNKNOWN	Unknown	26	23	19	2	-	2	-	11	5	11
	‘Noise’ files	1187	1407	20	1028	200	3	37	17	4	73
TOTAL		**1242**	**1491**	**95**	**1031**	**205**	**10**	**40**	**98**	**21**	**173**

		BGIRP2	BGIRP2	BGIRP2	BGIRP2	BGIRP2	BGIRP2
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**15/02/2019**	**16/02/2019**	**17/02/2019**	**18/02/2019**	**19/02/2019**	**20/02/2019**
DEFINITE	Austronomus australis	20	20	16	18	21	21
	Chalinolobus gouldii	1	2	-	-	3	-
	Chalinolobus morio	1	1	1	-	2	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	1	-	-	-	1
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	-	-	-	-	-
	Chalinolobus gouldii	1	1	1	2	2	4
	Chalinolobus morio	-	1	1	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	1	-	1	-	2
POSSIBLE	Austronomus australis	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	-	4	-	-	-	8
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	4	15	5	1	1	3
	Chalinolobus gouldii / Scotorepens balstoni	6	12	7	5	6	6
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	1	-	2	-	2	1
	Chalinolobus morio / Vespadelus vulturnus	1	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	1	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	1	6	1	-	2	2
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	1	-	1	2	2
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	2	3	1	-	1	-
	Vespadelus darlingtoni / Vespadelus regulus	-	1	1	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	2	2	-	1	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	2	-	1	-
UNKNOWN	Unknown	20	16	12	15	13	21
	‘Noise’ files	1177	11	13	533	60	77
TOTAL		**1236**	**98**	**65**	**576**	**117**	**148**

		BGIRP2	BGIRP2	BGIRP2	BGIRP2	BGIRP2	BGIRP2
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**21/02/2019**	**22/02/2019**	**23/02/2019**	**24/02/2019**	**25/02/2019**	**26/02/2019**
DEFINITE	Austronomus australis	58	32	33	17	17	1
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	1	-	-	-	-	2
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	1	1	3	-	-	-
	Chalinolobus gouldii	-	-	-	-	1	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	1
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	1
POSSIBLE	Austronomus australis	-	-	1	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	1	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	3	1	-	-	-	3
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	3	-	-	-	2	8
	Chalinolobus gouldii / Scotorepens balstoni	1	7	1	1	5	6
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	1
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	2	1
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	-	1	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	1	2
UNKNOWN	Unknown	52	22	14	13	9	6
	‘Noise’ files	3203	1755	2593	1143	27	128
TOTAL		**3322**	**1818**	**2645**	**1174**	**66**	**160**

		BGIRP2	BGIRP2	BGIRP2	BGIRP2	BGIRP2	BGIRP2
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**27/02/2019**	**28/02/2019**	**1/03/2019**	**2/03/2019**	**3/03/2019**	**4/03/2019**
DEFINITE	Austronomus australis	16	14	16	12	28	20
	Chalinolobus gouldii	-	-	2	1	2	-
	Chalinolobus morio	-	-	1	2	3	2
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	1	-	-	-	1	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	1	2	2	1	-
	Chalinolobus gouldii	-	-	-	3	-	-
	Chalinolobus morio	-	-	-	1	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	1	2	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	3	1	-	1
POSSIBLE	Austronomus australis	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	1	-	-	-	1
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	3	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	3	-	-	3	5	4
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	4	10	2	3	18	9
	Chalinolobus gouldii / Scotorepens balstoni	5	13	6	5	18	12
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	1	1	-	-	4	3
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	1	1	-	1	1	1
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	2
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	1	1
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	1	-	2	1	2
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	1	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
UNKNOWN	Unknown	22	12	11	10	20	22
	‘Noise’ files	81	16	218	27	17	20
TOTAL		**134**	**73**	**261**	**74**	**123**	**100**

		BGIRP2	BGIRP2	BGIRP2	BGIRP2	BGIRP2	BGIRP2
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**5/03/2019**	**6/03/2019**	**7/03/2019**	**8/03/2019**	**9/03/2019**	**10/03/2019**
DEFINITE	Austronomus australis	42	20	8	41	31	62
	Chalinolobus gouldii	-	-	-	1	1	1
	Chalinolobus morio	-	1	-	1	3	3
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	1	-	18
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	2	-	1	2	-	8
	Chalinolobus gouldii	-	-	-	1	1	1
	Chalinolobus morio	-	-	-	-	1	1
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	1	1	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	1	-	-	1	-
POSSIBLE	Austronomus australis	-	-	-	-	-	1
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	1	-	-	1
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	1	-	1
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	1	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	1	-	1	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	-	7	5	2	5	68
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	20	8	1	19	3	47
	Chalinolobus gouldii / Scotorepens balstoni	7	4	8	8	3	24
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	1	-	-
	Chalinolobus morio / Vespadelus vulturnus	1	-	-	-	2	2
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	1	-	-	-	-	2
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	1	1	-	-	1	1
	Miniopterus orianae oceanensis / Vespadelus vulturnus	1	1	-	-	2	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	4	2	-	-	3	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	1	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	1	-	2
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	1
UNKNOWN	Unknown	53	13	13	40	20	93
	‘Noise’ files	407	39	585	29	63	283
TOTAL		**539**	**97**	**624**	**151**	**141**	**620**

		BGIRP2	BGIRP2	BGIRP2	BGIRP2	BGIRP2	BGIRP2
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**11/03/2019**	**12/03/2019**	**13/03/2019**	**14/03/2019**	**15/03/2019**	**16/03/2019**
DEFINITE	Austronomus australis	22	8	27	11	22	12
	Chalinolobus gouldii	-	-	-	1	2	-
	Chalinolobus morio	4	1	1	1	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	1	1	1	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	1	1	1	1	4	3
	Chalinolobus gouldii	-	2	-	-	1	-
	Chalinolobus morio	-	-	-	2	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	1	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
POSSIBLE	Austronomus australis	-	-	1	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	6	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	11	7	3	3	1	-
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	18	13	3	5	2	2
	Chalinolobus gouldii / Scotorepens balstoni	14	8	5	6	4	3
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	1	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	2	1	-	1	1	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	1	1	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	3	-	-	1	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	4	-	-	2	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	2	2	-	1	-	-
	Vespadelus darlingtoni / Vespadelus regulus	1	1	-	-	1	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	3	-	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	2	-	-
UNKNOWN	Unknown	20	11	17	13	14	12
	‘Noise’ files	22	25	114	190	2138	2501
TOTAL		**129**	**83**	**174**	**240**	**2196**	**2533**

		BGIRP2	BGIRP2	BGIRP2	BGIRP2	BGIRP2	BGIRP2
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**17/03/2019**	**18/03/2019**	**19/03/2019**	**20/03/2019**	**21/03/2019**	**22/03/2019**
DEFINITE	Austronomus australis	103	12	6	6	4	5
	Chalinolobus gouldii	-	1	2	2	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	2	-	4	-	1	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	4	2	-	-	-	2
	Chalinolobus gouldii	-	-	-	-	1	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	1	-	1	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	2	1	2	1	-	-
POSSIBLE	Austronomus australis	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	1	1	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	1	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	2	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	3	3	13	1	4	-
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	10	7	1	7	3	3
	Chalinolobus gouldii / Scotorepens balstoni	9	4	2	5	4	3
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	1	-	1	1	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	1	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	1	2	1	-	-	1
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	1	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	1	2	1	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	3	-	-	-	1	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	2	-	-	-	1	1
	Vespadelus regulus / Vespadelus vulturnus	-	1	-	1	-	-
UNKNOWN	Unknown	62	12	11	12	4	3
	‘Noise’ files	181	20	153	260	283	19
TOTAL		**385**	**71**	**198**	**298**	**307**	**37**

		BGIRP2	BGIRP2	BGIRP2	BGIRP2	BGIRP2	BGIRP2	BGIRP2	BGIRP2
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Spring 2018	Spring 2018	Spring 2018
Confidence	**Identification**	**23/03/2019**	**24/03/2019**	**25/03/2019**	**26/03/2019**	**27/03/2019**	**5/11/2018**	**6/11/2018**	**7/11/2018**
DEFINITE	Austronomus australis	40	7	2	2	1	13	4	-
	Chalinolobus gouldii	2	1	-	-	-	-	-	-
	Chalinolobus morio	1	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	2	-	-	-	-	2	-	-
	Chalinolobus gouldii	-	1	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	1	1	-
	Myotis macropus	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	1	-	-	-
POSSIBLE	Austronomus australis	1	-	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	-	-	-	-	1	14	30	-
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	14	6	3	2	3	52	10	-
	Chalinolobus gouldii / Scotorepens balstoni	9	4	-	1	-	10	3	-
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	1	-	1	1	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	3	-	-	3	1	-	1	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	1	-	-	-	-	-	2	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	1	-	-	-	1	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	1	-	-	1	-	4	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	1	1	-	-	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	1	-	-	-	-
UNKNOWN	Unknown	41	19	5	3	4	20	8	-
	‘Noise’ files	36	1068	303	21	83	41	261	1366
TOTAL		**153**	**1108**	**313**	**35**	**96**	**157**	**320**	**1366**

		BGIRP2	BGIRP2	BGIRP2	BGIRP2	BGIRP2	BGIRP2	BGIRP2	BGIRP2	BGIRP2	BGIRP2	BGIRP2	BGIRP3
		Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Autumn 2019
Confidence	**Identification**	**12/11/2018**	**13/11/2018**	**14/11/2018**	**15/11/2018**	**16/11/2018**	**17/11/2018**	**18/11/2018**	**21/01/2019**	**29/01/2019**	**30/01/2019**	**31/01/2019**	**28/03/2019**
DEFINITE	Austronomus australis	2	-	4	3	2	2	-	14	23	13	13	4
	Chalinolobus gouldii	1	1	-	-	-	-	-	1	3	-	-	1
	Chalinolobus morio	1	-	-	-	-	-	-	-	-	1	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	3	-	-	-	-	-	2	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	-	1	-	-	-	2	-	-	-	-	-
	Chalinolobus gouldii	-	1	-	-	-	-	-	-	-	-	-	1
	Chalinolobus morio	-	-	-	-	-	-	-	-	1	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	10	-	-	-	-	-	-	1	-	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	1	-	-	-	1	-	-	-	1	1	-	1
POSSIBLE	Austronomus australis	-	-	-	-	-	-	1	-	-	-	-	1
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-	1
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	-	-	-	1	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	1	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	4	2	4	-	-	-	-	-	5	16	1	-
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	-	22	16	1	2	2	-	3	8	15	1	3
	Chalinolobus gouldii / Scotorepens balstoni	1	13	6	1	-	-	-	4	9	8	5	2
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	1	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	3	-	-	-	-	-	2	2	-	1	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	1	-	-	-	-	-	1	1	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	1	1	-	1	-	-	-	-	-	1	-	2
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	3	-	-	-	-	-	3	1	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	1	-	-	-	1	-	-	4	3	1	1	2
	Vespadelus darlingtoni / Vespadelus regulus	1	1	2	-	-	-	-	-	-	-	-	1
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	1	-	-	-	2	-	-	1	1	1	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	1	-	-	-	-	-	3	-	-	-	-
UNKNOWN	Unknown	1	7	6	1	-	1	1	7	11	15	23	8
	‘Noise’ files	2	-	10	3351	4	2102	1832	66	58	1512	3480	30
TOTAL		**17**	**67**	**53**	**3358**	**12**	**2107**	**1836**	**108**	**130**	**1586**	**3525**	**57**

		BGIRP3	BGIRP3	BGIRP3	BGIRP3	BGIRP3	BGIRP3	BGIRP3	BGIRP3	BGIRP3
		Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**29/03/2019**	**30/03/2019**	**31/03/2019**	**5/04/2019**	**6/04/2019**	**7/04/2019**	**14/02/2019**	**15/02/2019**	**16/02/2019**
DEFINITE	Austronomus australis	-	-	1	-	-	1	29	92	34
	Chalinolobus gouldii	-	-	-	-	-	1	3	3	3
	Chalinolobus morio	-	-	-	-	-	-	2	1	3
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	16	6	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	-	-	-	-	-	1	1	-
	Chalinolobus gouldii	-	-	-	-	1	-	-	3	-
	Chalinolobus morio	-	-	-	1	1	2	-	2	1
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	16	5	1
	Myotis macropus	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	1	2	1
POSSIBLE	Austronomus australis	-	-	-	-	-	-	-	-	1
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	1	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	-	1	-
	Myotis macropus	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-	-	1	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	-	-	-	-	8	-	144	102	6
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	-	-	3	-	-	1	37	90	28
	Chalinolobus gouldii / Scotorepens balstoni	-	1	-	1	4	1	36	75	20
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	2	2	1
	Chalinolobus morio / Vespadelus vulturnus	1	-	-	2	1	-	3	2	1
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	2	-	-	2	-	2
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	4	-	-	5	2	6
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	1	4	1	3	2	1
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	2	2	1	-	6	12	5
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	-	2	2	11	6	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	1	-	-	-	1	2	3	7	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	1	-	-	-	-	1
UNKNOWN	Unknown	1	-	2	7	8	4	58	127	26
	‘Noise’ files	979	1329	13	3	11	10	38	243	23
TOTAL		**982**	**1330**	**21**	**25**	**42**	**25**	**416**	**787**	**164**

		BGIRP3	BGIRP3	BGIRP3	BGIRP3	BGIRP3	BGIRP3
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**17/02/2019**	**18/02/2019**	**19/02/2019**	**20/02/2019**	**21/02/2019**	**22/02/2019**
DEFINITE	Austronomus australis	8	14	52	64	105	94
	Chalinolobus gouldii	2	-	8	5	-	1
	Chalinolobus morio	-	1	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	4	-	1	26	7	10
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	-	1	1	6	4
	Chalinolobus gouldii	-	-	3	3	1	2
	Chalinolobus morio	-	-	-	1	1	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	2	-	-	8	2	4
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	1	4	-	-
POSSIBLE	Austronomus australis	-	-	-	-	2	2
	Chalinolobus gouldii	-	-	1	1	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	2	-	1
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	1	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	2	1	8	27	114	105
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	10	12	46	52	67	40
	Chalinolobus gouldii / Scotorepens balstoni	8	10	22	39	42	36
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	1	-	1	1	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	1	-	1	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	2	-	1	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	3	3	3	3	-	4
	Miniopterus orianae oceanensis / Vespadelus vulturnus	2	2	-	3	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	5	2	1	1	-	-
	Vespadelus darlingtoni / Vespadelus regulus	2	4	1	6	-	1
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	3	1	3	1	-	-
	Vespadelus regulus / Vespadelus vulturnus	2	-	2	4	1	-
UNKNOWN	Unknown	20	21	83	111	106	65
	‘Noise’ files	16	107	88	132	570	235
TOTAL		**91**	**179**	**326**	**495**	**1027**	**604**

		BGIRP3	BGIRP3	BGIRP3	BGIRP3	BGIRP3	BGIRP3
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**23/02/2019**	**24/02/2019**	**25/02/2019**	**26/02/2019**	**27/02/2019**	**28/02/2019**
DEFINITE	Austronomus australis	96	60	65	10	46	36
	Chalinolobus gouldii	1	2	-	-	1	-
	Chalinolobus morio	-	-	1	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	3	6	2
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	4	3	2	-	1	2
	Chalinolobus gouldii	1	-	-	3	1	-
	Chalinolobus morio	-	-	-	1	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	2	2	1	4	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	1	4	1	1
POSSIBLE	Austronomus australis	3	1	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	1	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	1	-	-	-	-	1
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	20	7	5	37	35	9
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	24	11	27	21	25	11
	Chalinolobus gouldii / Scotorepens balstoni	28	15	23	19	16	19
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	1	2	1	1	1
	Chalinolobus morio / Vespadelus vulturnus	1	-	6	4	1	2
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	1	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	1	-	4	-	3
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	1	2	-	4
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	2	3	4	6	5	2
	Vespadelus darlingtoni / Vespadelus regulus	-	1	2	5	2	2
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	2	4	-	3
	Vespadelus regulus / Vespadelus vulturnus	-	-	2	2	1	1
UNKNOWN	Unknown	88	37	54	26	83	45
	‘Noise’ files	1082	296	72	19	143	44
TOTAL		**1351**	**440**	**272**	**173**	**372**	**188**

		BGIRP3	BGIRP3	BGIRP3	BGIRP3	BGIRP3	BGIRP3
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**1/03/2019**	**2/03/2019**	**3/03/2019**	**4/03/2019**	**5/03/2019**	**6/03/2019**
DEFINITE	Austronomus australis	52	27	33	26	22	9
	Chalinolobus gouldii	1	-	-	1	-	-
	Chalinolobus morio	-	1	1	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	1	-	1	6	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	4	13	4	1	-	-
	Chalinolobus gouldii	1	-	-	1	1	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	1	-	-	2	4	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	1	2	1	1	1	-
POSSIBLE	Austronomus australis	-	1	1	-	-	-
	Chalinolobus gouldii	-	-	-	-	1	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	1	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	3	-	-	1	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	25	1	6	33	9	5
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	16	25	15	21	25	15
	Chalinolobus gouldii / Scotorepens balstoni	8	3	13	38	15	16
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	1	4	2	-	-
	Chalinolobus morio / Vespadelus vulturnus	2	1	-	-	1	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	5	1	3	1	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	1	1	4	2	10	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	3	6	5	3	2
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	11	4	1	-	3	2
	Vespadelus darlingtoni / Vespadelus regulus	2	6	7	14	4	4
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	1	-	3	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	2	-	-	-	-
UNKNOWN	Unknown	88	45	30	29	25	25
	‘Noise’ files	147	58	54	47	183	16
TOTAL		**361**	**203**	**182**	**236**	**309**	**94**

		BGIRP3	BGIRP3	BGIRP3	BGIRP3	BGIRP3	BGIRP3
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**8/03/2019**	**9/03/2019**	**10/03/2019**	**11/03/2019**	**12/03/2019**	**13/03/2019**
DEFINITE	Austronomus australis	151	138	86	35	35	41
	Chalinolobus gouldii	-	-	1	-	-	1
	Chalinolobus morio	-	4	-	2	1	2
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	7	5	2	-	-	8
	Saccolaimus flaviventris	-	-	-	1	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	17	21	11	3	4	3
	Chalinolobus gouldii	-	1	-	-	-	1
	Chalinolobus morio	1	1	-	1	1	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	3	1	1	-	-	3
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	1	1	1	-	-
POSSIBLE	Austronomus australis	-	1	4	-	2	1
	Chalinolobus gouldii	-	-	-	-	1	-
	Chalinolobus morio	1	1	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	2	-	-	1
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	1	1	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	1	-	-	-	1	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	2	9	34	8	10	33
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	41	34	111	16	41	56
	Chalinolobus gouldii / Scotorepens balstoni	16	18	48	10	11	23
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	2	2	3	1	-
	Chalinolobus morio / Vespadelus vulturnus	1	4	4	6	1	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	7	3	6	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	3	5	4	1	1	1
	Miniopterus orianae oceanensis / Vespadelus vulturnus	6	9	3	3	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	3	3	4	4	-	2
	Vespadelus darlingtoni / Vespadelus regulus	2	9	5	1	2	4
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	2	2	1	-	-
	Vespadelus regulus / Vespadelus vulturnus	1	3	1	1	-	-
UNKNOWN	Unknown	137	187	144	29	47	70
	‘Noise’ files	165	140	358	50	32	104
TOTAL		**558**	**607**	**832**	**182**	**191**	**354**

		BGIRP3	BGIRP3	BGIRP3	BGIRP3	BGIRP3	BGIRP3
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**14/03/2019**	**15/03/2019**	**16/03/2019**	**17/03/2019**	**18/03/2019**	**19/03/2019**
DEFINITE	Austronomus australis	35	58	62	79	35	31
	Chalinolobus gouldii	1	5	2	-	1	1
	Chalinolobus morio	-	1	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	1	17	2	7	4	6
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	5	8	10	8	6	1
	Chalinolobus gouldii	-	5	2	2	-	1
	Chalinolobus morio	1	1	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	1	8	1	1	3	2
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	1	-	-	-	-	-
POSSIBLE	Austronomus australis	-	1	-	1	-	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	2	-	1	1	1
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	5	-	1	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	7	69	18	6	27	22
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	36	31	20	20	14	14
	Chalinolobus gouldii / Scotorepens balstoni	10	28	21	17	8	4
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	1	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	1	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	2	1	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	1	1	2	2	2	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	2	-	-	1	1	2
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	2	2	2	4	1
	Vespadelus darlingtoni / Vespadelus regulus	1	-	1	2	-	2
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	1	-	2	-	-
	Vespadelus regulus / Vespadelus vulturnus	1	-	-	-	-	-
UNKNOWN	Unknown	54	50	43	68	42	26
	‘Noise’ files	115	520	404	166	69	80
TOTAL		**273**	**813**	**590**	**388**	**219**	**194**

		BGIRP3	BGIRP3	BGIRP3	BGIRP3	BGIRP3	BGIRP3
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**20/03/2019**	**21/03/2019**	**22/03/2019**	**23/03/2019**	**24/03/2019**	**25/03/2019**
DEFINITE	Austronomus australis	10	18	16	10	9	2
	Chalinolobus gouldii	2	1	-	3	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	11	48	-	3	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	1	-	-	1	-
	Chalinolobus gouldii	-	2	-	-	1	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	3	9	-	1	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	2	1	-	-	-	-
POSSIBLE	Austronomus australis	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	1	1	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	27	111	-	3	1	-
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	1	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	19	24	6	8	3	1
	Chalinolobus gouldii / Scotorepens balstoni	7	5	2	12	9	1
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	1	-	-
	Chalinolobus morio / Vespadelus vulturnus	1	2	-	-	2	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	2	1	-	1	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	4	2	1	4	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	3	1	-	2	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	1	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	5	1	-	2	3	1
	Vespadelus darlingtoni / Vespadelus regulus	5	1	-	1	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	1	1	-
	Vespadelus regulus / Vespadelus vulturnus	2	-	1	1	-	-
UNKNOWN	Unknown	29	64	9	8	7	4
	‘Noise’ files	113	160	293	17	336	336
TOTAL		**246**	**454**	**329**	**78**	**373**	**345**

		BGIRP3	BGIRP3	BGIRP3	BGIRP3	BGIRP3	BGIRP3	BGIRP3	BGIRP3	BGIRP3	BGIRP3
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Summer 2018-19
Confidence	**Identification**	**26/03/2019**	**27/03/2019**	**9/11/2018**	**10/11/2018**	**11/11/2018**	**12/11/2018**	**20/11/2018**	**21/11/2018**	**22/11/2018**	**21/01/2019**
DEFINITE	Austronomus australis	1	5	22	32	33	1	48	8	-	7
	Chalinolobus gouldii	-	1	-	-	-	2	1	1	-	19
	Chalinolobus morio	-	-	1	1	-	1	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	23	-	5	2	5	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	1	1	-	-	-	1	-	-	2
	Chalinolobus gouldii	-	-	3	-	1	1	2	1	-	7
	Chalinolobus morio	-	1	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	22	1	7	10	5	-	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	11	4	1	3	-	1	-	2
POSSIBLE	Austronomus australis	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	1	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	2	-	1	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	1	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	-	-	16	8	26	22	18	9	-	3
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	3	7	179	4	8	13	30	14	-	88
	Chalinolobus gouldii / Scotorepens balstoni	-	1	14	2	7	13	8	4	-	76
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	5	8	-	1	-	-	-	1
	Chalinolobus morio / Vespadelus vulturnus	-	-	11	11	1	6	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	1	35	30	2	6	1	1	-	2
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	80	55	1	8	-	1	-	11
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	11	8	-	4	-	-	-	1
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	1	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	5	1	1	1	1	3	3	-	8
	Vespadelus darlingtoni / Vespadelus regulus	-	1	63	44	10	12	4	3	-	3
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	38	27	-	9	1	1	-	9
	Vespadelus regulus / Vespadelus vulturnus	-	-	9	3	4	3	1	-	-	3
UNKNOWN	Unknown	-	18	65	49	22	12	25	18	1	29
	‘Noise’ files	24	57	19	19	17	20	175	37	838	35
TOTAL		**28**	**98**	**632**	**307**	**148**	**150**	**329**	**102**	**839**	**306**

		BGIRP3	BGIRP3	BGIRP3	BGIRP3	BGIRP3	BGIRP3	BGIRP3	BGIRP3	BGIRP3	BGIRP3
		Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19
Confidence	**Identification**	**22/01/2019**	**23/01/2019**	**24/01/2019**	**25/01/2019**	**26/01/2019**	**27/01/2019**	**28/01/2019**	**1/02/2019**	**2/02/2019**	**3/02/2019**
DEFINITE	Austronomus australis	22	15	70	13	64	93	148	10	93	30
	Chalinolobus gouldii	6	5	3	1	3	-	3	-	1	-
	Chalinolobus morio	1	-	-	-	-	-	2	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	10	-	-	4	6	-	3	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	-	4	-	-	8	12	2	-	1
	Chalinolobus gouldii	4	-	3	1	1	-	5	-	-	-
	Chalinolobus morio	-	1	-	1	-	-	-	1	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	7	-	2	8	7	-	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	1	1	3	1	2	-	-	-	1	14
POSSIBLE	Austronomus australis	-	1	-	-	-	1	4	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	2	-	-	1
	Myotis macropus	-	-	-	-	-	-	-	-	-	1
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	1
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	1	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	1	2	1	-	-	-	2	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	5	39	50	8	11	15	34	2	21	22
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	1	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	24	55	120	84	42	91	190	15	43	21
	Chalinolobus gouldii / Scotorepens balstoni	17	74	84	41	25	40	38	6	17	52
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	2	-	2	-	2	-	-	-	1	8
	Chalinolobus morio / Vespadelus vulturnus	1	-	2	1	1	4	2	-	5	3
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	3	-	2	-	3	1	-	-	3	3
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	4	-	8	3	-	9	-	-	3	6
	Miniopterus orianae oceanensis / Vespadelus vulturnus	2	-	4	-	1	4	-	-	2	12
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	6	-	3	5	1	5	4	1	7	14
	Vespadelus darlingtoni / Vespadelus regulus	4	1	1	2	1	10	2	-	3	2
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	6	-	3	-	1	3	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	5	-	1	2	-	-	1	-	2	2
UNKNOWN	Unknown	25	87	72	36	47	89	241	20	73	52
	'Noise' files	44	1508	55	43	665	117	206	207	108	113
TOTAL		**183**	**1789**	**508**	**242**	**873**	**502**	**910**	**264**	**386**	**358**

		BGC01	BGC01	BGC01	BGC01	BGC01	BGC01	BGC01	BGC01	BGC01	BGC01	BGC01	BGC01	BGC01
		Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018
Confidence	**Identification**	**1/04/2019**	**2/04/2019**	**3/04/2019**	**4/04/2019**	**8/04/2019**	**9/04/2019**	**10/04/2019**	**9/11/2018**	**10/11/2018**	**11/11/2018**	**12/11/2018**	**20/11/2018**	**21/11/2018**
DEFINITE	Austronomus australis	2	1	4	2	5	-	-	23	29	28	1	12	6
	Chalinolobus gouldii	-	-	4	-	-	-	-	1	-	1	2	1	-
	Chalinolobus morio	2	4	1	-	1	-	-	-	1	-	1	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	-	5	-	1	2	1	1
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	2	-	-	-	-	-	2	3	7	-	1	-
	Chalinolobus gouldii	-	-	4	-	-	-	-	2	-	-	2	1	-
	Chalinolobus morio	-	5	2	-	1	-	-	1	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	1	1	2	-	1	-	52	-	14	14	18	2
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	5	68	4	5	15	-	3	16	6	2	3	9	2
POSSIBLE	Austronomus australis	-	-	-	-	-	-	-	1	1	-	-	1	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	-	3	1	1	2	1	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	1	3	3	2	9	1	4	7	8	25	15	7	1
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	1	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	13	16	34	18	40	9	4	179	2	8	18	40	22
	Chalinolobus gouldii / Scotorepens balstoni	3	8	13	3	16	6	-	12	4	4	11	12	9
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	10	42	6	8	15	-	20	6	10	-	2	4	2
	Chalinolobus morio / Vespadelus vulturnus	3	55	2	23	8	5	3	7	3	-	4	1	2
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	1	7	1	4	2	-	-	35	28	1	4	14	1
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	18	67	25	33	7	-	4	50	65	1	6	24	12
	Miniopterus orianae oceanensis / Vespadelus vulturnus	44	105	38	45	38	1	28	20	10	1	5	16	7
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	1	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	1	3	6	-	-	-	-	-	1	1	-	1	-
	Vespadelus darlingtoni / Vespadelus regulus	-	35	12	8	143	1	1	55	49	8	10	15	5
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	4	1	2	4	-	-	51	20	3	15	54	18
	Vespadelus regulus / Vespadelus vulturnus	1	10	2	2	1	-	-	18	2	4	4	6	8
UNKNOWN	Unknown	36	59	33	86	64	17	8	66	45	19	10	52	15
	‘Noise’ files	591	57	145	339	220	184	158	19	19	19	20	854	266
TOTAL		**731**	**552**	**341**	**582**	**589**	**225**	**233**	**631**	**307**	**149**	**151**	**1146**	**379**

		BGC01	BGC01	BGC01	BGC01	BGC01	BGC01	BGC01	BGC01	BGC02	BGC02	BGC02
		Spring 2018	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Spring 2018	Spring 2018	Spring 2018
Confidence	**Identification**	**22/11/2018**	**29/01/2019**	**30/01/2019**	**31/01/2019**	**4/02/2019**	**5/02/2019**	**6/02/2019**	**7/02/2019**	**8/11/2018**	**9/11/2018**	**10/11/2018**
DEFINITE	Austronomus australis	-	13	14	1	1	15	4	6	-	1	-
	Chalinolobus gouldii	-	2	-	-	1	1	4	1	1	1	5
	Chalinolobus morio	-	6	2	1	-	3	3	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	-	5	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	5	5	-	-	1	-	1	-	-	1
	Chalinolobus gouldii	-	2	1	1	2	-	1	-	1	1	1
	Chalinolobus morio	-	1	-	-	-	-	2	1	1	-	1
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	3	19	-	3	1	10	19	-	7	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	66	21	-	2	19	5	2	-	5	28
POSSIBLE	Austronomus australis	-	-	3	2	-	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	1	-	-	-	-	-	-
	Chalinolobus morio	-	-	1	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	1	-	-	-	3	2	-	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	2	-	-	-	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	2	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	-	54	33	3	15	6	10	34	7	6	2
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	-	51	122	2	49	47	69	109	7	84	34
	Chalinolobus gouldii / Scotorepens balstoni	-	8	3	1	15	10	12	12	7	47	35
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	42	4	-	2	11	12	10	-	2	28
	Chalinolobus morio / Vespadelus vulturnus	-	39	18	-	3	140	13	57	-	1	58
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	10	1	-	1	3	22	3	-	2	28
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	26	28	1	9	44	30	27	-	7	27
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	30	76	-	11	81	65	35	-	3	25
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	26	2	-	3	-	-	2	5	14	2
	Vespadelus darlingtoni / Vespadelus regulus	-	6	1	-	-	1	-	7	-	6	5
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	3	3	-	2	1	5	4	-	14	47
	Vespadelus regulus / Vespadelus vulturnus	-	11	7	-	1	4	3	8	-	5	53
UNKNOWN	Unknown	-	102	102	12	41	75	50	99	12	40	41
	‘Noise’ files	482	73	152	2558	183	107	85	62	11	15	31
TOTAL		**482**	**583**	**619**	**2582**	**345**	**570**	**408**	**506**	**52**	**261**	**452**

		BGC02	BGC02	BGC02	BGC02	BGC03	BGC03	BGC03	BGC03	BGC03	BGC03	BGC03	BGC03	BGC03
		Spring 2018	Spring 2018	Spring 2018	Spring 2018	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Spring 2018
Confidence	**Identification**	**11/11/2018**	**19/11/2018**	**20/11/2018**	**21/11/2018**	**5/04/2019**	**6/04/2019**	**7/04/2019**	**11/04/2019**	**12/04/2019**	**13/04/2019**	**14/04/2019**	**15/04/2019**	**5/11/2018**
DEFINITE	Austronomus australis	2	-	30	11	1	-	1	-	-	1	-	-	22
	Chalinolobus gouldii	7	6	5	2	-	2	1	-	-	7	-	2	16
	Chalinolobus morio	-	-	-	-	-	1	1	-	-	-	-	-	1
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	1	-	-	-	-	-	-	7
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	-	3	2	1	-	-	-	-	-	-	-	5
	Chalinolobus gouldii	1	8	2	1	1	-	-	-	-	-	3	4	6
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	1	10	13	3	1	3	1	-	5	3	-	1	22
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	77	47	29	11	1	1	-	-	1	1	-	3	358
POSSIBLE	Austronomus australis	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii	1	2	1	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-	-	1
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	1	1	-	-	-	-	-	1	-	-	-	2
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-	3
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	1	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	6	12	14	-	-	10	-	1	1	7	1	-	96
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	34	22	54	31	26	28	13	2	45	45	110	71	114
	Chalinolobus gouldii / Scotorepens balstoni	11	20	44	16	6	9	8	-	4	9	11	15	34
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	25	23	5	3	-	-	-	-	1	-	5	4	55
	Chalinolobus morio / Vespadelus vulturnus	53	18	16	2	1	-	-	-	3	1	1	2	21
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-	3
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	19	5	9	2	1	1	2	2	-	-	1	1	80
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	46	25	22	7	10	12	2	39	25	10	12	6	463
	Miniopterus orianae oceanensis / Vespadelus vulturnus	39	18	16	2	3	1	-	4	-	-	3	34	329
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	1	-	6	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	15	3	10	-	3	5	2	45	-	28	120	4	504
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	48	15	9	5	1	5	4	-	-	-	-	1	209
	Vespadelus regulus / Vespadelus vulturnus	48	25	10	7	3	2	1	-	-	-	-	2	366
UNKNOWN	Unknown	39	38	42	18	8	7	3	30	13	35	79	17	285
	‘Noise’ files	164	18	65	23	6	18	15	16	10	176	64	14	170
TOTAL		**637**	**316**	**406**	**147**	**73**	**106**	**54**	**139**	**109**	**323**	**410**	**181**	**3172**

		BGC03	BGC03	BGC03	BGC03	BGC03	BGC03	BGC03	BGC03	BGC03	BGC03	BGC03	BGC03
		Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Summer 2018-19	Summer 2018-19	Summer 2018-19
Confidence	**Identification**	**6/11/2018**	**7/11/2018**	**12/11/2018**	**13/11/2018**	**14/11/2018**	**15/11/2018**	**16/11/2018**	**17/11/2018**	**18/11/2018**	**29/01/2019**	**30/01/2019**	**31/01/2019**
DEFINITE	Austronomus australis	-	-	5	2	2	2	47	4	2	8	30	1
	Chalinolobus gouldii	-	-	4	9	-	-	-	-	-	5	12	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	2	-	2
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	6	-	-	-	-	-	4	2	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	2	-	-	-	-	-
PROBABLE	Austronomus australis	-	-	-	1	-	-	6	-	-	-	4	-
	Chalinolobus gouldii	-	-	5	1	-	1	-	-	-	6	6	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	9	61	-	-	1	-	-	10	15	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	33	44	1	3	100	12	21	26	169	2
POSSIBLE	Austronomus australis	-	-	1	-	-	-	-	-	-	-	1	-
	Chalinolobus gouldii	-	-	-	1	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	3	-	-	-	-	-	6	1	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	1	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	1	-	-	1	-	-	1	3	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	-	-	55	76	-	1	2	4	2	16	22	-
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	-	-	70	91	-	7	9	5	6	109	464	6
	Chalinolobus gouldii / Scotorepens balstoni	-	-	60	76	-	1	4	-	1	38	59	1
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	11	16	1	1	54	12	27	21	90	1
	Chalinolobus morio / Vespadelus vulturnus	-	-	3	9	1	1	7	-	7	9	160	1
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	10	12	-	3	50	8	16	37	34	1
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	99	84	1	2	289	49	109	60	184	1
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	50	40	2	10	121	24	97	56	226	4
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-	2	1	-	2	1	1
	Vespadelus darlingtoni / Vespadelus regulus	-	-	209	131	-	9	267	12	53	158	117	1
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	20	22	-	4	188	7	65	110	49	1
	Vespadelus regulus / Vespadelus vulturnus	-	-	42	32	-	-	164	11	18	14	77	1
UNKNOWN	Unknown	-	-	140	185	8	23	159	52	65	130	269	14
	‘Noise’ files	233	962	64	61	6	909	72	445	289	110	130	2361
TOTAL		**233**	**962**	**890**	**964**	**22**	**977**	**1546**	**646**	**778**	**938**	**2125**	**2399**

		BGC03	BGC03	BGC03	BGC03	BGC04	BGC04	BGC04	BGC04	BGC04	BGC04	BGC04
		Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019
Confidence	**Identification**	**4/02/2019**	**5/02/2019**	**6/02/2019**	**7/02/2019**	**1/04/2019**	**2/04/2019**	**3/04/2019**	**4/04/2019**	**8/04/2019**	**9/04/2019**	**10/04/2019**
DEFINITE	Austronomus australis	5	6	5	18	-	3	-	-	3	-	-
	Chalinolobus gouldii	-	5	15	3	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	2	5	4	15	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	1	1	1	6	-	4	-	-	-	-	-
	Chalinolobus gouldii	-	4	6	6	-	1	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	8	29	40	40	4	4	-	13	-	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	6	99	20	29	-	-	1	-	3	-	-
POSSIBLE	Austronomus australis	1	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	1	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	1	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	3	4	1	1	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	3	-	2	-	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	1	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	14	11	14	23	1	1	2	4	-	-	2
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	60	184	211	126	6	5	2	4	3	1	-
	Chalinolobus gouldii / Scotorepens balstoni	11	14	10	7	2	-	-	-	1	2	-
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	11	89	27	32	-	1	10	1	16	-	-
	Chalinolobus morio / Vespadelus vulturnus	9	154	53	69	-	-	9	1	31	1	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	4	11	8	15	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	20	75	30	75	-	5	1	-	2	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	17	128	72	114	1	11	27	-	9	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	33	13	3	43	-	-	1	-	9	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	2	8	3	17	-	-	1	-	2	-	-
	Vespadelus regulus / Vespadelus vulturnus	1	19	-	9	-	-	-	-	-	-	-
UNKNOWN	Unknown	81	153	173	128	15	25	18	11	11	-	3
	‘Noise’ files	1274	128	327	102	30	23	16	27	96	5	1
TOTAL		**1560**	**1142**	**1027**	**881**	**60**	**84**	**88**	**61**	**186**	**9**	**6**

		BGC04	BGC04	BGC04	BGC04	BGC04	BGC04	BGC04	BGC04	BGC04	BGC04	BGC04	BGC04
		Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Summer 2018-19	Summer 2018-19
Confidence	**Identification**	**6/11/2018**	**7/11/2018**	**8/11/2018**	**13/11/2018**	**14/11/2018**	**15/11/2018**	**16/11/2018**	**17/11/2018**	**18/11/2018**	**19/11/2018**	**29/01/2019**	**30/01/2019**
DEFINITE	Austronomus australis	2	-	-	3	2	2	1	7	-	3	9	34
	Chalinolobus gouldii	-	-	-	2	-	-	-	-	-	-	-	5
	Chalinolobus morio	-	-	-	1	-	-	-	-	-	-	-	1
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	3	-	-	1	-	-	-	-	-	-	-	1
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	-	-	1	1	1	-	2	-	-	3	4
	Chalinolobus gouldii	-	-	-	1	-	-	-	-	-	1	1	2
	Chalinolobus morio	-	-	-	-	3	-	-	-	-	-	-	1
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	13	-	-	13	2	2	3	-	-	5	11	11
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	4	-	-	20	30	1	9	-	1	7	25	230
POSSIBLE	Austronomus australis	-	-	-	1	-	-	-	-	-	-	1	1
	Chalinolobus gouldii	-	-	-	1	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	1	-	-	-	-	-	-	-	1
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	2	-	-	1	-	-	-	-	-	-	1	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	2	-	-	-	-	-	-	1
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	42	1	5	15	20	3	1	2	3	4	60	51
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	2	-	-	-	1	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	-	-	-	17	2	9	7	1	2	10	31	66
	Chalinolobus gouldii / Scotorepens balstoni	-	-	-	6	1	1	2	1	-	5	4	10
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	3	1	2	9	7	-	4	-	-	3	20	67
	Chalinolobus morio / Vespadelus vulturnus	2	3	1	36	126	-	64	2	3	23	47	110
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	2	-	1	-	-	-	3	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	3	-	1	4	5	-	-	-	-	-	18	48
	Miniopterus orianae oceanensis / Vespadelus vulturnus	1	-	-	5	4	-	3	-	-	1	19	144
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	4	-	-	10	6	3	1	2	-	6	10	6
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	6	3	1	4	-	2	-	12	5
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	2	-	-	1	1	-	-	-	-	-	4	1
	Vespadelus regulus / Vespadelus vulturnus	1	-	2	6	10	-	1	1	1	5	3	24
UNKNOWN	Unknown	57	1	9	39	36	11	19	7	3	22	148	127
	‘Noise’ files	713	2566	2	19	28	186	15	221	94	11	59	89
TOTAL		**854**	**2572**	**22**	**219**	**292**	**220**	**135**	**246**	**109**	**106**	**489**	**1040**

		BGC04	BGC04	BGC04	BGC04	BGC04	BGC05	BGC05	BGC05	BGC05	BGC05	BGC05
		Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019
Confidence	**Identification**	**31/01/2019**	**4/02/2019**	**5/02/2019**	**6/02/2019**	**7/02/2019**	**5/04/2019**	**6/04/2019**	**7/04/2019**	**11/04/2019**	**12/04/2019**	**13/04/2019**
DEFINITE	Austronomus australis	5	23	-	4	50	3	3	2	-	-	1
	Chalinolobus gouldii	-	2	1	1	2	-	-	-	-	-	-
	Chalinolobus morio	-	-	1	-	-	-	-	-	-	2	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	2	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	1	3	-	-	9	-	1	-	-	-	-
	Chalinolobus gouldii	-	2	-	4	1	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	1	-	-	-	-	1	1	1
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	5	13	1	4	9	1	8	-	-	1	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	1	18	26	17	12	-	-	1	-	-	-
POSSIBLE	Austronomus australis	-	-	-	-	2	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	2	-	-	1	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	10	46	10	29	44	-	11	-	6	-	3
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	100	86	19	53	47	3	6	6	6	1	16
	Chalinolobus gouldii / Scotorepens balstoni	4	12	-	1	15	-	3	1	2	-	2
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	1	131	76	95	44	-	-	-	-	1	-
	Chalinolobus morio / Vespadelus vulturnus	5	105	102	71	68	2	3	3	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	2	2	-	-	-	-	1	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	2	27	13	27	21	1	1	1	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	1	55	56	84	53	-	-	-	2	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	1	-	1	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	1	3	6	4	15	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	1	6	-	-	-	1	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	2	3	6	2	-	-	-	-	-	-
UNKNOWN	Unknown	146	175	46	65	116	6	8	3	4	5	8
	‘Noise’ files	1142	426	108	180	69	34	33	14	6	7	2
TOTAL		**1425**	**1133**	**474**	**652**	**580**	**50**	**78**	**32**	**27**	**18**	**33**

		BGC05	BGC05	BGC05	BGC05	BGC05	BGC05	BGC05	BGC05	BGC05	BGC05	BGC05	BGC05	BGC05
		Autumn 2019	Autumn 2019	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Summer 2018-19
Confidence	**Identification**	**14/04/2019**	**15/04/2019**	**5/11/2018**	**6/11/2018**	**7/11/2018**	**12/11/2018**	**13/11/2018**	**14/11/2018**	**15/11/2018**	**16/11/2018**	**17/11/2018**	**18/11/2018**	**22/01/2019**
DEFINITE	Austronomus australis	2	-	129	-	-	118	44	26	5	25	11	3	16
	Chalinolobus gouldii	-	-	-	-	-	3	2	-	-	5	-	-	1
	Chalinolobus morio	-	1	-	-	-	2	5	-	-	-	-	-	1
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	1	-	-	1	4	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	-	17	-	-	-	1	2	-	2	-	1	1
	Chalinolobus gouldii	-	-	-	-	-	6	3	-	-	2	-	-	2
	Chalinolobus morio	-	-	1	-	-	-	2	3	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	10	-	-	7	59	3	-	-	-	-	4
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	7	-	-	11	15	5	1	-	-	1	6
POSSIBLE	Austronomus australis	-	-	3	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-	1	-	-	1	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	2	2	-	-	-	-	-	2
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-	1	3	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	1	-	-	-	-	-	-	1	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	1	-	7	-	-	42	68	4	-	1	5	-	15
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	1	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	122	16	88	-	-	80	75	8	7	18	2	1	14
	Chalinolobus gouldii / Scotorepens balstoni	19	4	1	-	-	73	44	1	-	19	-	2	1
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	4	-	-	1	2	1	-	-	-	-	2
	Chalinolobus morio / Vespadelus vulturnus	3	-	2	-	-	1	7	6	-	-	-	-	3
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	1	8	-	-	12	4	-	-	1	-	-	2
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	3	1	14	-	-	16	17	3	1	-	-	-	9
	Miniopterus orianae oceanensis / Vespadelus vulturnus	1	-	2	-	-	6	5	3	1	1	-	-	2
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	2	-	-	2	5	2	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	4	-	-	10	15	9	-	1	-	-	2
	Vespadelus regulus / Vespadelus vulturnus	-	-	13	-	-	17	22	4	1	2	-	-	4
UNKNOWN	Unknown	21	2	126	-	-	35	61	19	11	12	11	2	26
	‘Noise’ files	48	5	155	97	904	220	567	399	839	478	1128	1153	97
TOTAL		**220**	**30**	**595**	**97**	**904**	**666**	**1031**	**501**	**866**	**569**	**1157**	**1163**	**210**

		BGC05	BGC05	BGC05	BGC05	BGC05	BGC05	BGC05	BGC05	BGC05	BGCRP4
		Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Autumn 2019
Confidence	**Identification**	**23/01/2019**	**24/01/2019**	**25/01/2019**	**26/01/2019**	**27/01/2019**	**28/01/2019**	**1/02/2019**	**2/02/2019**	**3/02/2019**	**28/03/2019**
DEFINITE	Austronomus australis	6	23	23	47	16	40	15	15	25	13
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	1
	Chalinolobus morio	-	1	-	-	1	3	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	1	2	2	2	14	-	2	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	1	1	4	1	3	-	3	-	1
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	2	-	-	1	1	1
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	5	2	15	13	27	1	3	1	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	3	1	-	-	-	-	-	5	-
POSSIBLE	Austronomus australis	-	-	1	2	2	-	-	3	-	1
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	2	2	5	-	-	1	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	5	1	4	4	1	7	-	2	13	-
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	13	22	28	36	31	52	36	57	27	6
	Chalinolobus gouldii / Scotorepens balstoni	1	2	9	2	-	2	-	1	4	3
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	2	5	1	9	4	-	2	6	-
	Chalinolobus morio / Vespadelus vulturnus	-	1	2	2	5	4	-	4	1	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	1	3	8	2	-	-	3	2	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	1	14	19	21	9	2	-	3	8	1
	Miniopterus orianae oceanensis / Vespadelus vulturnus	1	2	8	10	17	2	1	4	4	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-	-	-	-	1
	Vespadelus darlingtoni / Vespadelus regulus	-	1	-	-	-	1	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	3	5	1	4	-	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	11	-	-	-	-	2	4	-
UNKNOWN	Unknown	14	35	45	53	59	86	27	50	43	9
	'Noise' files	102	996	572	831	953	64	39	42	78	16
TOTAL		**143**	**1114**	**741**	**1041**	**1129**	**316**	**119**	**197**	**223**	**53**

		BGCRP4	BGCRP4	BGCRP4	BGCRP4	BGCRP4	BGCRP4	BGCRP4	BGCRP4	BGCRP4
		Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**29/03/2019**	**30/03/2019**	**31/03/2019**	**5/04/2019**	**6/04/2019**	**7/04/2019**	**15/02/2019**	**16/02/2019**	**17/02/2019**
DEFINITE	Austronomus australis	-	-	-	4	1	2	341	86	18
	Chalinolobus gouldii	1	-	-	-	-	-	3	4	5
	Chalinolobus morio	-	-	-	-	-	-	2	-	3
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	-	-	-	1	-	24	6	2
	Chalinolobus gouldii	-	-	-	-	-	-	2	-	1
	Chalinolobus morio	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	2	-	10	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	1	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	2	-	1
POSSIBLE	Austronomus australis	-	-	-	-	-	-	16	3	1
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	1	-	2	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	-	-	-	-	2	-	55	-	2
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	-	-	5	2	6	1	136	37	24
	Chalinolobus gouldii / Scotorepens balstoni	4	-	-	2	4	3	45	10	8
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-	1	2
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-	1	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	5	1	1
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	1	-	6	-	3
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	1	-	4	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	2	-	-	12	5	2
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	-	1	1	1	-	2
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	1	-	1	1	1
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	4	-	2
UNKNOWN	Unknown	-	1	3	5	3	3	238	49	9
	‘Noise’ files	241	1978	22	15	11	12	583	34	14
TOTAL		**246**	**1979**	**30**	**30**	**35**	**22**	**1494**	**237**	**101**

		BGCRP4	BGCRP4	BGCRP4	BGCRP4	BGCRP4	BGCRP4
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**18/02/2019**	**19/02/2019**	**20/02/2019**	**21/02/2019**	**22/02/2019**	**23/02/2019**
DEFINITE	Austronomus australis	85	113	290	86	244	218
	Chalinolobus gouldii	-	1	2	8	1	1
	Chalinolobus morio	-	1	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	1	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	7	4	36	18	22	18
	Chalinolobus gouldii	-	3	3	2	7	2
	Chalinolobus morio	-	-	-	-	-	1
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	6	1	7	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	1	2	1	-
	Vespadelus vulturnus	-	2	2	-	1	-
POSSIBLE	Austronomus australis	2	5	12	9	9	14
	Chalinolobus gouldii	-	1	-	1	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	1	-	-	1	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	1	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	1	-	8	7	24	7
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	10	87	67	77	102	55
	Chalinolobus gouldii / Scotorepens balstoni	7	11	17	14	28	33
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	1	-	-	1	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	1
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	3	7	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	1	2	1	1	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	2	-	-	1	-	2
	Vespadelus darlingtoni / Vespadelus regulus	-	1	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	2	2	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	2	1	-	-	-
UNKNOWN	Unknown	34	108	167	118	173	169
	‘Noise’ files	291	280	331	1690	847	1057
TOTAL		**440**	**629**	**953**	**2035**	**1469**	**1578**

		BGCRP4	BGCRP4	BGCRP4	BGCRP4	BGCRP4	BGCRP4
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**24/02/2019**	**25/02/2019**	**26/02/2019**	**27/02/2019**	**28/02/2019**	**1/03/2019**
DEFINITE	Austronomus australis	225	81	43	115	53	110
	Chalinolobus gouldii	-	1	3	3	-	1
	Chalinolobus morio	1	1	2	-	1	1
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	31	17	7	22	7	22
	Chalinolobus gouldii	1	-	1	3	4	1
	Chalinolobus morio	-	1	-	-	-	1
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	1	2	-	4	1	1
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	2	-	1	-	-	1
	Vespadelus vulturnus	-	-	1	1	-	-
POSSIBLE	Austronomus australis	6	1	1	7	1	8
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	1	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	1	2	5	1	5	14
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	55	64	80	186	76	97
	Chalinolobus gouldii / Scotorepens balstoni	26	25	49	61	21	44
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	1	-	1	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	1	2	2	1
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	1	3	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	13	-	2	1
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	1	3	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	1	6	5	3	5	6
	Vespadelus darlingtoni / Vespadelus regulus	-	1	-	1	-	1
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	1	1	-	-	-
UNKNOWN	Unknown	191	95	57	124	62	134
	‘Noise’ files	569	62	86	236	46	215
TOTAL		**1110**	**363**	**362**	**770**	**287**	**659**

		BGCRP4	BGCRP4	BGCRP4	BGCRP4	BGCRP4	BGCRP4
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**2/03/2019**	**3/03/2019**	**4/03/2019**	**5/03/2019**	**6/03/2019**	**7/03/2019**
DEFINITE	Austronomus australis	47	60	68	21	10	36
	Chalinolobus gouldii	-	-	-	1	-	-
	Chalinolobus morio	-	-	1	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	5	4	8	3	2	6
	Chalinolobus gouldii	-	-	2	1	-	1
	Chalinolobus morio	-	1	-	1	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	3	-	2	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	1	2	-	-	-
	Vespadelus vulturnus	-	-	3	-	-	-
POSSIBLE	Austronomus australis	-	5	4	1	-	3
	Chalinolobus gouldii	-	-	-	-	1	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	2	1	2	3	2	27
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	47	12	28	24	6	19
	Chalinolobus gouldii / Scotorepens balstoni	26	23	15	13	8	15
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	1	1	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	1	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	1	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	2	1	2	-	-	2
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	1	1	-	2
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	9	2	4	1	1	-
	Vespadelus darlingtoni / Vespadelus regulus	1	-	-	-	-	1
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	2	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	1	-	2	-	-	-
UNKNOWN	Unknown	87	40	72	30	28	60
	‘Noise’ files	144	62	111	424	99	378
TOTAL		**374**	**213**	**332**	**524**	**157**	**550**

		BGCRP4	BGCRP4	BGCRP4	BGCRP4	BGCRP4	BGCRP4
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**8/03/2019**	**9/03/2019**	**10/03/2019**	**11/03/2019**	**12/03/2019**	**13/03/2019**
DEFINITE	Austronomus australis	145	113	51	17	33	90
	Chalinolobus gouldii	-	-	3	-	1	2
	Chalinolobus morio	-	1	1	-	3	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	22	10	7	1	6	12
	Chalinolobus gouldii	-	1	1	-	2	2
	Chalinolobus morio	1	-	-	1	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	1	-	-	-	1	19
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	1	-	-
	Vespadelus vulturnus	1	2	1	-	-	-
POSSIBLE	Austronomus australis	2	6	-	-	-	2
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	2
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	1
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	-	-	7	1	2	106
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	30	52	53	10	29	39
	Chalinolobus gouldii / Scotorepens balstoni	12	22	32	3	9	28
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	1	4	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	2	-	-	1	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	1	1	-	-	1	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	1	5	1	2	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	1	2	2	1	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	5	5	5	3	7
	Vespadelus darlingtoni / Vespadelus regulus	1	2	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	1	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	1	5	-	-	-	-
UNKNOWN	Unknown	154	140	48	14	24	82
	‘Noise’ files	159	166	490	22	30	114
TOTAL		**532**	**537**	**706**	**78**	**145**	**506**

		BGCRP4	BGCRP4	BGCRP4	BGCRP4	BGCRP4	BGCRP4
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**14/03/2019**	**15/03/2019**	**16/03/2019**	**17/03/2019**	**18/03/2019**	**19/03/2019**
DEFINITE	Austronomus australis	107	161	476	143	203	302
	Chalinolobus gouldii	2	2	3	1	1	1
	Chalinolobus morio	-	-	-	-	-	2
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	8	18	31	8	26	38
	Chalinolobus gouldii	-	-	2	1	-	-
	Chalinolobus morio	2	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	3	4	2	2	1	1
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	1	-	-	-
	Vespadelus vulturnus	-	1	-	-	-	-
POSSIBLE	Austronomus australis	1	2	13	1	2	2
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	1	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	1	-	-	-	1	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	1	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	-	23	4	1	2	3
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	38	42	47	10	12	33
	Chalinolobus gouldii / Scotorepens balstoni	9	22	9	11	8	2
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	1	1	2	2
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	5	-	-	1	4	1
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	-	2	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	1	1
UNKNOWN	Unknown	100	119	252	58	147	181
	‘Noise’ files	106	1270	752	334	100	138
TOTAL		**383**	**1665**	**1593**	**572**	**512**	**707**

		BGCRP4	BGCRP4	BGCRP4	BGCRP4	BGCRP4	BGCRP4
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**20/03/2019**	**21/03/2019**	**22/03/2019**	**23/03/2019**	**24/03/2019**	**25/03/2019**
DEFINITE	Austronomus australis	103	295	44	17	12	2
	Chalinolobus gouldii	2	1	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	16	42	3	6	2	-
	Chalinolobus gouldii	-	-	-	1	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	4	11	1	1	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	1	-	-	-	-
	Vespadelus vulturnus	2	2	1	-	-	-
POSSIBLE	Austronomus australis	-	2	1	-	3	-
	Chalinolobus gouldii	-	1	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	1	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	1	2	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	30	50	3	10	3	4
	Chalinolobus gouldii / Scotorepens balstoni	7	20	2	4	5	1
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	2	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	2	1	-	2	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	1	-	-	2	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	1	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	1	-	-	-	-	-
UNKNOWN	Unknown	86	146	31	8	18	4
	‘Noise’ files	71	211	41	21	868	163
TOTAL		**329**	**786**	**127**	**72**	**911**	**174**

		BGCRP4	BGCRP4	BGCRP4	BGCRP4	BGCRP4	BGCRP4	BGCRP4	BGCRP4	BGCRP4	BGCRP4
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Summer 2018-19
Confidence	**Identification**	**26/03/2019**	**27/03/2019**	**8/11/2018**	**9/11/2018**	**10/11/2018**	**11/11/2018**	**19/11/2018**	**20/11/2018**	**21/11/2018**	**21/01/2019**
DEFINITE	Austronomus australis	1	23	-	3	1	3	2	44	68	59
	Chalinolobus gouldii	-	-	-	-	3	-	2	1	-	3
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	2	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	2	-	-	-	-	-	5	11	4
	Chalinolobus gouldii	-	-	-	-	2	1	1	2	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	1
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	18	-	1	2	3	-	3
	Myotis macropus	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	12	1	-	-	-	-	-
POSSIBLE	Austronomus australis	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	1	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	1	-	5	-	-	-	1	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	-	3	-	7	2	5	2	9	-	2
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	1	5	-	30	7	9	1	1	3	10
	Chalinolobus gouldii / Scotorepens balstoni	1	6	2	6	17	6	2	12	-	1
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	4	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	1
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	18	5	-	-	-	-	2
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	13	8	-	-	2	-	1
	Miniopterus orianae oceanensis / Vespadelus vulturnus	1	-	-	6	-	-	-	-	-	1
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	4	-	-	-	1	-	-	-	3
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	4	1	-	-	2	-	1
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	1	1	36	5	-	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	8	3	-	1	-	-	-
UNKNOWN	Unknown	2	15	-	22	4	5	14	18	44	38
	‘Noise’ files	5	49	6	5	54	890	302	653	184	67
TOTAL		**11**	**109**	**9**	**199**	**114**	**921**	**329**	**753**	**310**	**197**

		BGCRP4	BGCRP4	BGCRP4	BGCRP4	BGCRP4	BGCRP4	BGCRP4	BGCRP4	BGCRP4	BGCRP4
		Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19
Confidence	**Identification**	**22/01/2019**	**23/01/2019**	**24/01/2019**	**25/01/2019**	**26/01/2019**	**27/01/2019**	**28/01/2019**	**1/02/2019**	**2/02/2019**	**3/02/2019**
DEFINITE	Austronomus australis	40	10	53	1	52	27	47	63	21	19
	Chalinolobus gouldii	1	2	-	1	-	1	-	-	1	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	4	-	-	-	1	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	1
PROBABLE	Austronomus australis	4	2	8	-	3	3	5	14	5	6
	Chalinolobus gouldii	-	1	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	4	3	16	-	-	1	4	-	2	1
	Myotis macropus	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	1	-	-	-
	Vespadelus vulturnus	1	-	-	1	-	-	-	-	-	1
POSSIBLE	Austronomus australis	1	-	2	-	-	1	4	13	4	4
	Chalinolobus gouldii	-	1	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	2	-	-	-	1	-	1	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	13	18	30	4	1	-	10	-	6	8
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	7	13	17	6	2	6	29	5	27	8
	Chalinolobus gouldii / Scotorepens balstoni	2	19	6	2	1	6	7	-	8	5
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	1	-	-	-	-	-	2	2
	Chalinolobus morio / Vespadelus vulturnus	1	-	-	-	1	-	-	-	-	1
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	4	-	-	-	-	2	-	-	1	5
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	5	-	1	3	-	5	1	1	-	5
	Miniopterus orianae oceanensis / Vespadelus vulturnus	2	-	3	1	-	3	-	-	-	3
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	2	-	-	1	-	2	4	1	4	-
	Vespadelus darlingtoni / Vespadelus regulus	1	-	1	-	-	-	-	-	1	1
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	2	-	1	-	-	-	-	-	1	1
	Vespadelus regulus / Vespadelus vulturnus	2	-	2	-	-	-	-	-	-	2
UNKNOWN	Unknown	9	17	64	5	21	20	45	148	34	53
	'Noise' files	72	832	116	106	908	81	154	1062	136	570
TOTAL		**173**	**918**	**327**	**131**	**989**	**158**	**313**	**1307**	**254**	**696**

		BGI10	BGI10	BGI10	BGI10	BGI10	BGI10	BGI10	BGI10	BGI10	BGI10	BGI10	BGI10	BGI10
		Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018
Confidence	**Identification**	**1/04/2019**	**2/04/2019**	**3/04/2019**	**4/04/2019**	**8/04/2019**	**9/04/2019**	**10/04/2019**	**6/11/2018**	**7/11/2018**	**8/11/2018**	**13/11/2018**	**14/11/2018**	**15/11/2018**
DEFINITE	Austronomus australis	4	4	-	1	-	-	1	105	-	1	137	235	3
	Chalinolobus gouldii	-	-	1	-	1	-	-	10	-	11	5	80	2
	Chalinolobus morio	-	-	1	-	1	-	-	-	-	1	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	-	1	-	-	1	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	1	-	-	-	-	-
PROBABLE	Austronomus australis	-	-	-	-	1	-	-	2	-	-	27	13	-
	Chalinolobus gouldii	-	-	1	-	-	-	-	4	1	4	5	67	7
	Chalinolobus morio	-	-	2	1	-	-	-	1	-	-	-	2	1
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	-	3	-	-	-	1	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	1	2	-	2	-	-	9	-	22	8	21	-
POSSIBLE	Austronomus australis	3	1	-	-	-	-	-	-	-	-	12	3	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	1	-	2	-	4	-
	Chalinolobus morio	-	-	1	-	-	-	-	3	-	1	3	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	1	-	-	-	-	2	-	-	2	-	1
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	1	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	4	-	-	-	3	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	3	1	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	4	-	3	7	-	-	-	40	-	5	15	4	1
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	5	21	32	27	14	3	-	81	1	15	22	64	9
	Chalinolobus gouldii / Scotorepens balstoni	1	5	3	1	4	1	-	94	6	93	64	358	105
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	1	16	9	4	9	-	-	28	1	10	3	16	-
	Chalinolobus morio / Vespadelus vulturnus	12	37	71	11	85	4	4	36	-	5	24	15	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	21	-	8	18	63	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	7	11	-	3	-	-	64	-	50	51	335	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	11	8	3	4	-	-	25	-	46	10	82	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-	-	4	1	2	3	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	1	-	3	-	-	50	-	18	9	161	1
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	3	-	-	1	-	-	22	-	4	7	29	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	13	-	16	7	33	-
UNKNOWN	Unknown	4	17	45	26	122	7	-	58	1	39	87	164	13
	‘Noise’ files	15	29	37	22	120	9	10	1014	1081	49	317	267	1876
TOTAL		**49**	**152**	**229**	**103**	**370**	**24**	**15**	**1697**	**1092**	**402**	**840**	**2021**	**2019**

		BGI10	BGI10	BGI10	BGI10	BGI10	BGI10	BGI10	BGI10	BGI10	BGI10	BGI10
		Spring 2018	Spring 2018	Spring 2018	Spring 2018	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19
Confidence	**Identification**	**16/11/2018**	**17/11/2018**	**18/11/2018**	**19/11/2018**	**29/01/2019**	**30/01/2019**	**31/01/2019**	**4/02/2019**	**5/02/2019**	**6/02/2019**	**7/02/2019**
DEFINITE	Austronomus australis	409	100	177	41	113	231	36	50	37	13	115
	Chalinolobus gouldii	82	30	43	120	6	24	1	11	32	7	12
	Chalinolobus morio	-	-	-	-	2	-	1	-	-	2	3
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	-	-	1	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	38	15	16	7	24	23	10	9	8	2	17
	Chalinolobus gouldii	47	22	24	106	4	15	2	3	8	1	7
	Chalinolobus morio	-	-	-	-	10	-	-	-	1	-	1
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	1	-	-	-	1	-	2
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	1	8	-	-	-	-	-	-	-
	Vespadelus vulturnus	1	-	4	-	4	3	-	-	9	-	15
POSSIBLE	Austronomus australis	13	4	8	3	5	5	4	4	3	-	10
	Chalinolobus gouldii	1	-	-	1	-	1	-	-	-	-	1
	Chalinolobus morio	-	1	-	-	29	3	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	1	-	1	2	1	2	5
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	1	-	-	-	2	-	-	-	-	-	1
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	8
	Chalinolobus gouldii / Mormopterus planiceps	-	2	-	4	3	10	7	8	5	2	36
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	15	7	5	24	27	50	6	25	76	25	127
	Chalinolobus gouldii / Scotorepens balstoni	154	139	77	243	58	58	10	22	60	25	88
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	2	1	10	8	1	1	32	-	26
	Chalinolobus morio / Vespadelus vulturnus	1	1	-	3	34	51	-	2	14	1	110
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	103	1	22	19	114	76	10	13	53	-	48
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	79	-	14	33	165	92	6	5	116	1	74
	Miniopterus orianae oceanensis / Vespadelus vulturnus	3	-	9	4	74	21	1	-	59	-	40
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	3	-	2	-	-	2
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-	1	-	-	1	-
	Vespadelus darlingtoni / Vespadelus regulus	17	2	4	5	3	3	2	3	108	2	22
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	34	1	9	21	47	47	2	10	36	1	25
	Vespadelus regulus / Vespadelus vulturnus	8	-	10	3	19	17	1	-	10	-	21
UNKNOWN	Unknown	214	125	317	34	282	117	77	85	114	34	148
	‘Noise’ files	156	1251	886	216	532	1243	3302	1776	191	2839	430
TOTAL		**1376**	**1701**	**1628**	**896**	**1569**	**2101**	**3481**	**2031**	**975**	**2958**	**1394**

		BGI11	BGI11	BGI11	BGI11	BGI11	BGI11	BGI11	BGI11	BGI11	BGI11	BGI12	BGI12	BGI12
		Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Autumn 2019	Autumn 2019	Autumn 2019
Confidence	**Identification**	**6/11/2018**	**7/11/2018**	**8/11/2018**	**13/11/2018**	**14/11/2018**	**15/11/2018**	**16/11/2018**	**17/11/2018**	**18/11/2018**	**19/11/2018**	**1/04/2019**	**2/04/2019**	**3/04/2019**
DEFINITE	Austronomus australis	5	-	-	11	10	6	-	15	5	5	5	2	1
	Chalinolobus gouldii	1	-	2	1	1	2	4	4	6	8	2	12	5
	Chalinolobus morio	-	-	-	1	-	-	1	-	1	-	-	1	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	1	-	-	1	3	1	1	1	-	-	-	1	-
	Chalinolobus gouldii	-	-	3	2	2	7	4	8	5	1	4	4	3
	Chalinolobus morio	1	-	-	2	-	-	-	-	1	1	2	3	3
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	-	-	-	-	-	1	2
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	1	-	-	1	4	1	7	1	4	1	1	13	-
POSSIBLE	Austronomus australis	-	-	-	-	1	-	-	-	-	-	1	-	-
	Chalinolobus gouldii	-	-	-	-	1	-	-	-	-	-	-	-	1
	Chalinolobus morio	1	-	-	1	-	-	1	-	-	1	1	-	2
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	1	2	-	-	-	-	-	-	-	3	1
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	1	-	-	-	-	-	-	3	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	1	4	-	-	-	-	-	-	1	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	4	-	1	19	13	1	6	6	3	18	10	34	7
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	1	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	3	-	2	10	17	9	17	4	5	12	14	52	37
	Chalinolobus gouldii / Scotorepens balstoni	4	-	1	45	19	30	9	21	9	10	12	33	8
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	2	-	-	4	5	-	36	1	10	47	3	19	6
	Chalinolobus morio / Vespadelus vulturnus	5	-	-	3	3	1	8	-	2	23	19	157	44
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	8	-	1	37	19	3	55	10	28	21	15	13	2
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	15	-	3	52	75	12	83	13	20	48	16	12	1
	Miniopterus orianae oceanensis / Vespadelus vulturnus	18	-	1	11	3	12	87	20	36	88	11	13	2
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	1	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	1	-	2	2	2	-	2	-	1	-	-	1	-
	Vespadelus darlingtoni / Vespadelus regulus	8	-	12	88	92	11	468	29	101	616	4	8	8
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	3	-	5	44	21	12	61	8	15	50	18	8	5
	Vespadelus regulus / Vespadelus vulturnus	1	-	-	4	10	1	18	-	2	6	3	6	3
UNKNOWN	Unknown	16	-	20	78	38	86	321	72	136	240	40	62	41
	‘Noise’ files	350	35	23	45	453	759	121	252	239	133	1594	44	312
TOTAL		**448**	**35**	**78**	**465**	**797**	**954**	**1310**	**465**	**630**	**1329**	**1775**	**506**	**494**

		BGI12	BGI12	BGI12	BGI12	BGI12	BGI12	BGI12	BGI12	BGI12	BGI12	BGI12	BGI12	BGI12
		Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018
Confidence	**Identification**	**4/04/2019**	**8/04/2019**	**9/04/2019**	**10/04/2019**	**11/04/2019**	**5/11/2018**	**6/11/2018**	**7/11/2018**	**12/11/2018**	**13/11/2018**	**14/11/2018**	**15/11/2018**	**16/11/2018**
DEFINITE	Austronomus australis	2	8	-	-	1	22	7	-	5	10	9	13	-
	Chalinolobus gouldii	-	-	-	1	1	1	18	-	3	-	3	-	-
	Chalinolobus morio	-	-	-	-	-	-	1	-	-	1	-	-	4
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	1	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	-	-	-	-	2	2	-	-	2	1	2	-
	Chalinolobus gouldii	5	4	-	-	-	2	13	-	5	3	5	-	-
	Chalinolobus morio	1	2	-	-	-	-	-	-	-	2	1	-	5
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	1	-	-	-	-	5	2	-	-	2	2	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	1	-	1	-	-	-	-
	Vespadelus vulturnus	3	1	-	2	3	3	-	-	5	3	2	1	3
POSSIBLE	Austronomus australis	-	-	-	-	-	-	-	-	-	-	1	1	-
	Chalinolobus gouldii	-	-	-	-	-	-	1	-	-	-	-	-	-
	Chalinolobus morio	1	-	-	-	-	2	-	-	4	1	-	-	5
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	2	5	-	1	18	-	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	3	-	-	1	-	-	-	1
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-	1	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	28	-	-	-	1	12	24	-	26	18	11	-	2
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	55	15	5	12	11	52	20	-	15	37	51	10	10
	Chalinolobus gouldii / Scotorepens balstoni	24	7	-	8	11	44	164	-	47	20	79	5	22
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	8	6	-	-	3	7	2	-	2	-	6	-	-
	Chalinolobus morio / Vespadelus vulturnus	41	19	3	12	19	9	1	-	3	10	5	1	13
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	1	2	-	-	1	6	15	-	17	1	17	-	5
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	5	11	2	9	10	30	13	-	17	5	17	-	22
	Miniopterus orianae oceanensis / Vespadelus vulturnus	8	5	-	4	5	12	4	-	7	1	6	-	5
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	2	-	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	1	-	-	-	-	3	1	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	3	389	-	1	14	1	2	-	2	2	6	-	1
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	3	24	-	1	-	12	3	-	10	3	12	-	6
	Vespadelus regulus / Vespadelus vulturnus	1	2	-	2	2	7	2	-	6	1	15	-	12
UNKNOWN	Unknown	44	121	6	11	24	55	21	-	31	30	39	12	27
	‘Noise’ files	398	147	61	794	511	167	159	1948	143	124	54	3642	420
TOTAL		**633**	**765**	**77**	**857**	**617**	**460**	**482**	**1948**	**351**	**294**	**342**	**3687**	**563**

		BGI12	BGI12	BGI12	BGI12	BGI12	BGI12	BGI12	BGI12	BGI12	BGI12
		Spring 2018	Spring 2018	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19
Confidence	**Identification**	**17/11/2018**	**18/11/2018**	**21/01/2019**	**22/01/2019**	**23/01/2019**	**24/01/2019**	**25/01/2019**	**26/01/2019**	**27/01/2019**	**28/01/2019**
DEFINITE	Austronomus australis	14	7	6	17	9	11	4	19	10	9
	Chalinolobus gouldii	2	-	2	-	1	4	-	-	-	1
	Chalinolobus morio	-	1	2	-	1	2	-	2	-	2
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	1	-	-	25	-	-	5	1
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	1	-
PROBABLE	Austronomus australis	1	-	-	1	3	4	-	2	1	1
	Chalinolobus gouldii	1	2	1	1	-	7	2	-	1	1
	Chalinolobus morio	-	3	-	-	1	-	-	-	1	2
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	1	2	1	42	2	-	1	5
	Myotis macropus	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	2	7	1	37	15	2	39	10
POSSIBLE	Austronomus australis	1	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	1
	Chalinolobus morio	-	-	-	1	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	1	-	8	-	-	2	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	4	3	2	7	1
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	-	1	9	9	7	173	7	7	1	21
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	14	9	29	10	20	49	11	31	11	38
	Chalinolobus gouldii / Scotorepens balstoni	33	13	21	5	15	32	4	28	6	12
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	7	6	-	3	2	1	3	3
	Chalinolobus morio / Vespadelus vulturnus	7	5	4	2	3	5	3	6	6	8
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	25	20	9	28	8	11	11	10
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	2	46	41	18	59	39	5	15	9
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	1	23	15	12	39	10	2	7	10
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-	1	5	3	3
	Vespadelus darlingtoni / Vespadelus regulus	-	-	4	7	2	29	12	2	1	2
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	1	-	20	14	7	40	4	27	11	4
	Vespadelus regulus / Vespadelus vulturnus	-	-	25	13	7	40	13	13	15	13
UNKNOWN	Unknown	33	36	44	50	33	90	23	43	31	70
	‘Noise’ files	2214	2809	713	932	3230	993	994	880	330	893
TOTAL		**2321**	**2889**	**985**	**1154**	**3380**	**1724**	**1157**	**1088**	**519**	**1130**

		BGI12	BGI12	BGI12	BGIRP5	BGIRP5	BGIRP5	BGIRP5	BGIRP5	BGIRP5	BGIRP5	BGIRP5
		Summer 2018-19	Summer 2018-19	Summer 2018-19	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**1/02/2019**	**2/02/2019**	**3/02/2019**	**28/03/2019**	**29/03/2019**	**30/03/2019**	**31/03/2019**	**5/04/2019**	**6/04/2019**	**7/04/2019**	**13/02/2019**
DEFINITE	Austronomus australis	2	10	13	8	1	-	1	-	-	1	33
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	2	-	-	-	3	1	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	4	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	1	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	3	1	1	-	-	1	-	-	-	-	4
	Chalinolobus gouldii	-	6	1	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	1	1	1	-	-	-	2	2	-	1
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	2	-	-	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	1	12	24	-	-	-	-	-	-	-	-
POSSIBLE	Austronomus australis	-	-	-	1	-	-	-	-	-	-	1
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	6	9	-	-	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	-	2	30	-	1	-	-	-	2	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	1	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	5	13	22	-	-	-	1	-	-	-	7
	Chalinolobus gouldii / Scotorepens balstoni	7	25	15	1	-	-	-	1	2	1	2
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	2	5	11	-	-	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	2	4	19	1	-	-	-	1	1	2	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	1	23	23	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	5	40	32	-	-	-	-	-	1	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	13	39	1	-	-	-	-	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	12	1	-	-	-	-	1	-	-	2
	Vespadelus darlingtoni / Vespadelus regulus	-	-	22	1	-	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	7	22	-	-	-	-	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	5	14	27	-	-	-	-	-	-	-	-
UNKNOWN	Unknown	16	63	93	1	-	-	-	2	3	-	13
	‘Noise’ files	3641	1681	1661	3	1002	855	2	17	1	-	16
TOTAL		**3690**	**1939**	**2073**	**20**	**1004**	**856**	**4**	**27**	**13**	**4**	**79**

		BGIRP5	BGIRP5	BGIRP5	BGIRP5	BGIRP5	BGIRP5
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**14/02/2019**	**15/02/2019**	**16/02/2019**	**17/02/2019**	**18/02/2019**	**19/02/2019**
DEFINITE	Austronomus australis	20	41	34	24	18	73
	Chalinolobus gouldii	1	-	-	1	-	-
	Chalinolobus morio	1	2	-	1	-	2
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	1	3	2	2	1	6
	Chalinolobus gouldii	-	1	2	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	2	-	1	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	2	2	-	1
POSSIBLE	Austronomus australis	1	1	2	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	1	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	83	41	-	-	2	10
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	13	11	9	7	2	11
	Chalinolobus gouldii / Scotorepens balstoni	19	21	7	3	6	9
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	1	-	-	1
	Chalinolobus morio / Vespadelus vulturnus	-	-	1	1	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	2	1	1
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	1	1	1	4	-	1
	Miniopterus orianae oceanensis / Vespadelus vulturnus	3	-	1	2	1	1
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	2	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	1	1	1	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	1	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	1	-
UNKNOWN	Unknown	31	34	16	6	7	24
	‘Noise’ files	98	826	8	8	334	33
TOTAL		**277**	**983**	**88**	**65**	**373**	**173**

		BGIRP5	BGIRP5	BGIRP5	BGIRP5	BGIRP5	BGIRP5
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**20/02/2019**	**21/02/2019**	**22/02/2019**	**23/02/2019**	**24/02/2019**	**25/02/2019**
DEFINITE	Austronomus australis	31	52	16	47	19	9
	Chalinolobus gouldii	2	-	2	-	-	1
	Chalinolobus morio	1	1	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	4	10	5	6	5	2
	Chalinolobus gouldii	4	-	1	-	-	1
	Chalinolobus morio	1	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	2	-	-	-	-	-
POSSIBLE	Austronomus australis	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	1	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	5	11	5	-	1	6
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	48	6	7	6	6	8
	Chalinolobus gouldii / Scotorepens balstoni	21	9	19	8	7	10
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	2	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	5	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	6	-	-	-	-	1
	Miniopterus orianae oceanensis / Vespadelus vulturnus	3	-	-	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	2	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	1	-	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
UNKNOWN	Unknown	39	58	15	31	19	7
	‘Noise’ files	114	3259	1045	2944	1568	40
TOTAL		**291**	**3406**	**1115**	**3043**	**1625**	**85**

		BGIRP5	BGIRP5	BGIRP5	BGIRP5	BGIRP5	BGIRP5
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**26/02/2019**	**27/02/2019**	**28/02/2019**	**1/03/2019**	**2/03/2019**	**3/03/2019**
DEFINITE	Austronomus australis	4	21	23	17	10	17
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	1	-	1	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	4	2	1	1	3
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	1
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	1	-	-	1	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	1	-	-	-	-
POSSIBLE	Austronomus australis	-	-	-	-	-	1
	Chalinolobus gouldii	-	-	2	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	1
	Mormopterus planiceps	-	-	-	-	1	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	1
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	25	36	2	7	8	2
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	7	15	12	3	4	5
	Chalinolobus gouldii / Scotorepens balstoni	16	9	15	6	13	9
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	1	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	1	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	1	1	-	1
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	1	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	1	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	1	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	2	-	1	-	-
UNKNOWN	Unknown	4	25	9	14	8	6
	‘Noise’ files	240	50	9	194	142	6
TOTAL		**297**	**164**	**78**	**244**	**191**	**53**

		BGIRP5	BGIRP5	BGIRP5	BGIRP5	BGIRP5	BGIRP5
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**4/03/2019**	**5/03/2019**	**6/03/2019**	**7/03/2019**	**8/03/2019**	**9/03/2019**
DEFINITE	Austronomus australis	29	25	1	16	50	54
	Chalinolobus gouldii	1	-	-	1	-	1
	Chalinolobus morio	-	-	-	-	-	2
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	1
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	8	1	-	2	8	3
	Chalinolobus gouldii	1	-	-	1	-	-
	Chalinolobus morio	-	-	-	-	-	1
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	2	-	2	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	1
	Vespadelus vulturnus	2	-	-	-	-	-
POSSIBLE	Austronomus australis	3	2	-	-	-	3
	Chalinolobus gouldii	-	-	-	1	-	-
	Chalinolobus morio	1	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	1	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	1	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	1	-	-	1	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	6	3	1	53	2	-
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	10	2	5	27	10	2
	Chalinolobus gouldii / Scotorepens balstoni	10	4	1	38	2	11
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	1	-
	Chalinolobus morio / Vespadelus vulturnus	1	-	-	-	-	1
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	4	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	5	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	2	-	-	-	-	2
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	1	-	-	-	-	3
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	1	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	1	3
UNKNOWN	Unknown	19	10	1	34	21	21
	‘Noise’ files	27	155	8	738	19	33
TOTAL		**133**	**203**	**19**	**911**	**116**	**142**

		BGIRP5	BGIRP5	BGIRP5	BGIRP5	BGIRP5	BGIRP5
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**10/03/2019**	**11/03/2019**	**12/03/2019**	**13/03/2019**	**14/03/2019**	**15/03/2019**
DEFINITE	Austronomus australis	40	25	17	64	44	32
	Chalinolobus gouldii	-	-	-	-	-	1
	Chalinolobus morio	-	-	1	-	2	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	8	4	1	6	7	3
	Chalinolobus gouldii	1	-	-	-	1	1
	Chalinolobus morio	-	-	-	2	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	1	-	1	3	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
POSSIBLE	Austronomus australis	1	-	1	1	3	1
	Chalinolobus gouldii	-	-	-	-	-	1
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	1	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	1	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	1
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	19	-	4	111	-	16
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	30	2	6	6	12	25
	Chalinolobus gouldii / Scotorepens balstoni	21	1	3	9	11	33
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	1	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	1	-	1	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	1	-	-	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	1	-	-	-	1	-
	Vespadelus darlingtoni / Vespadelus regulus	-	1	1	-	1	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	1	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	1	-	-	1	-
UNKNOWN	Unknown	15	4	3	38	38	37
	‘Noise’ files	208	1	1	137	172	3343
TOTAL		**347**	**39**	**41**	**379**	**294**	**3494**

		BGIRP5	BGIRP5	BGIRP5	BGIRP5	BGIRP5	BGIRP5
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**16/03/2019**	**17/03/2019**	**18/03/2019**	**19/03/2019**	**20/03/2019**	**21/03/2019**
DEFINITE	Austronomus australis	18	36	43	26	52	9
	Chalinolobus gouldii	1	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	1	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	3	3	3	5	-
	Chalinolobus gouldii	2	-	-	3	-	-
	Chalinolobus morio	-	-	1	-	1	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
POSSIBLE	Austronomus australis	-	-	3	4	5	1
	Chalinolobus gouldii	-	-	-	-	1	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	-	3	8	6	4	4
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	4	-	4	4	5	13
	Chalinolobus gouldii / Scotorepens balstoni	12	-	2	1	11	3
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	1	-	-	1	1
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	1
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	1	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	2	-	-	-	1
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	1	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
UNKNOWN	Unknown	8	14	27	21	42	10
	‘Noise’ files	3087	102	24	21	57	39
TOTAL		**3132**	**162**	**116**	**89**	**185**	**82**

		BGIRP5	BGIRP5	BGIRP5	BGIRP5	BGIRP5	BGIRP5	BGIRP5
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Spring 2018
Confidence	**Identification**	**22/03/2019**	**23/03/2019**	**24/03/2019**	**25/03/2019**	**26/03/2019**	**27/03/2019**	**6/11/2018**
DEFINITE	Austronomus australis	5	12	3	3	-	6	2
	Chalinolobus gouldii	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	1
	Saccolaimus flaviventris	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	-	-	1	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-	1
	Chalinolobus morio	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	7
	Myotis macropus	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	1
POSSIBLE	Austronomus australis	-	-	-	-	-	-	-
	Chalinolobus gouldii	-	1	-	-	-	-	1
	Chalinolobus morio	-	-	-	-	-	1	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	1
	Myotis macropus	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	1	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	-	1	-	-	-	-	11
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	1	2	1	-	1	9	10
	Chalinolobus gouldii / Scotorepens balstoni	-	-	1	-	-	3	6
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	1
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	1	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	1	-	-	-	-	1
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	1	-
	Vespadelus darlingtoni / Vespadelus regulus	-	1	-	-	-	1	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	1	-	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	2	-	-	-	-	-
UNKNOWN	Unknown	4	6	1	3	1	7	8
	‘Noise’ files	6	17	735	55	-	46	255
TOTAL		**16**	**46**	**741**	**62**	**2**	**74**	**306**

		BGIRP5	BGIRP5	BGIRP5	BGIRP5	BGIRP5	BGIRP5	BGIRP5	BGIRP5	BGIRP5	BGIRP5	BGIRP5	BGIRP5
		Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Summer 2018-19	Summer 2018-19	Summer 2018-19
Confidence	**Identification**	**7/11/2018**	**8/11/2018**	**13/11/2018**	**14/11/2018**	**15/11/2018**	**16/11/2018**	**17/11/2018**	**18/11/2018**	**19/11/2018**	**22/01/2019**	**23/01/2019**	**24/01/2019**
DEFINITE	Austronomus australis	-	-	4	6	3	5	3	-	5	49	18	31
	Chalinolobus gouldii	-	-	1	1	-	-	-	-	-	-	-	1
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	-	-	2	-	-	-	-	-	6	2	1
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	1	-	-	1
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	2	-	-	-	-	-	6	-	1	4
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	1	1	-	1
POSSIBLE	Austronomus australis	-	-	-	-	1	-	-	-	-	-	-	2
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-	-	1
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	-	-	-	-	-	1
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	-	-	-	4	-	-	2	-	-	1	3	2	35
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	-	-	12	12	14	1	3	3	-	5	7	6	60
	Chalinolobus gouldii / Scotorepens balstoni	-	-	8	6	4	-	5	3	-	2	1	4	13
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-	3
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	1	-	-	-	-	-	-	-	1
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	1	-	1	-	-	1	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	-	1	-	-	-	3
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-	2
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	2	2	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-	-	1
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	1	-	-	1	-	-	1	1	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-	2
UNKNOWN	Unknown	-	-	2	6	9	7	3	3	1	2	20	19	44
	'Noise' files	11	10	261	27	2777	30	1833	1302	315	41	2521	36
TOTAL		**11**	**34**	**299**	**65**	**2789**	**50**	**1845**	**1305**	**340**	**128**	**2573**	**243**

		BGIRP5	BGIRP5	BGIRP5	BGIRP5	BGIRP5	BGIRP5	BGIRP5	BGIRP6	BGIRP6	BGIRP6
		Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Autumn 2019	Autumn 2019	Autumn 2019
Confidence	**Identification**	**25/01/2019**	**26/01/2019**	**27/01/2019**	**28/01/2019**	**1/02/2019**	**2/02/2019**	**3/02/2019**	**28/03/2019**	**29/03/2019**	**30/03/2019**
DEFINITE	Austronomus australis	1	21	43	45	7	23	13	19	1	2
	Chalinolobus gouldii	-	-	-	-	-	-	1	-	-	-
	Chalinolobus morio	-	-	-	-	3	1	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	1	1	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	4	2	9	1	8	3	-	-	-
	Chalinolobus gouldii	1	-	-	-	-	-	-	1	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	5	-	-	2	2	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	1	-	-	-	-
	Vespadelus vulturnus	1	-	-	-	-	-	-	4	-	-
POSSIBLE	Austronomus australis	-	-	-	2	-	-	1	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	4	-	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	1	1	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	2	-	1	3	-	2	33	3	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	5	9	15	15	-	17	17	4	-	-
	Chalinolobus gouldii / Scotorepens balstoni	7	2	5	6	-	8	22	10	-	-
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	1	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	1	-	-	2	-	-	1	1	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	2	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	6	1	-	1	1	1	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	3	-	4	-	-	-	-	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	1	-	-	1	-	2	1	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	1	-	-	-	3	1	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	3	-	-
	Vespadelus regulus / Vespadelus vulturnus	3	-	1	-	-	-	-	5	-	-
UNKNOWN	Unknown	5	11	25	43	22	26	22	11	3	-
	‘Noise’ files	27	1321	79	52	1001	786	317	11	1222	185
TOTAL		**56**	**1369**	**184**	**182**	**1036**	**877**	**442**	**77**	**1227**	**187**

		BGIRP6	BGIRP6	BGIRP6	BGIRP6	BGIRP6	BGIRP6	BGIRP6	BGIRP6
		Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**31/03/2019**	**5/04/2019**	**6/04/2019**	**7/04/2019**	**14/02/2019**	**15/02/2019**	**16/02/2019**	**17/02/2019**
DEFINITE	Austronomus australis	1	-	3	2	9	66	15	6
	Chalinolobus gouldii	-	-	1	-	1	-	-	-
	Chalinolobus morio	-	-	2	-	3	3	3	1
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	6	1	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	-	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	1	1	2	-	-
	Chalinolobus morio	-	-	-	1	4	-	2	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	3	1	2	2	-	-
	Myotis macropus	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	4	1	12	2	2	4	3
POSSIBLE	Austronomus australis	-	-	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	-	-	5	1	16	34	2	1
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	1	2	1	5	7	13	15	7
	Chalinolobus gouldii / Scotorepens balstoni	-	1	3	6	14	22	13	11
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	1	-	1	2	-	-	1
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	1
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	1	1	-	-	2
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	1	-	1	1	2	-	2
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	3	-	1	-	2	1	1
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	4	3	4	3	2	3
	Vespadelus darlingtoni / Vespadelus regulus	-	-	1	-	2	-	-	2
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	1	-	1	1	5	4
	Vespadelus regulus / Vespadelus vulturnus	-	10	2	8	3	1	1	5
UNKNOWN	Unknown	-	5	9	2	19	44	13	4
	‘Noise’ files	2	5	12	7	12	56	16	36
TOTAL		**4**	**32**	**48**	**53**	**110**	**254**	**92**	**90**

		BGIRP6	BGIRP6	BGIRP6	BGIRP6	BGIRP6	BGIRP6
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**18/02/2019**	**19/02/2019**	**20/02/2019**	**21/02/2019**	**22/02/2019**	**23/02/2019**
DEFINITE	Austronomus australis	26	18	57	48	51	65
	Chalinolobus gouldii	-	-	-	-	1	-
	Chalinolobus morio	1	4	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	1	-	-	-	1	-
	Chalinolobus gouldii	-	1	2	1	-	1
	Chalinolobus morio	-	-	1	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	2	1	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	1	-	1	-	1	-
POSSIBLE	Austronomus australis	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	1	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	1	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	1	-
	Chalinolobus gouldii / Mormopterus planiceps	1	1	3	13	-	1
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	4	4	16	9	1	1
	Chalinolobus gouldii / Scotorepens balstoni	6	4	17	2	8	2
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	1	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	1	1	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	1	-	1	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	1	-	1	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	1	-	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	1	2	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	2	-	-	1	-
	Vespadelus regulus / Vespadelus vulturnus	1	-	1	-	1	-
UNKNOWN	Unknown	12	16	41	26	25	26
	‘Noise’ files	156	33	40	103	26	366
TOTAL		**213**	**88**	**182**	**205**	**118**	**462**

		BGIRP6	BGIRP6	BGIRP6	BGIRP6	BGIRP6	BGIRP6
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**24/02/2019**	**25/02/2019**	**26/02/2019**	**27/02/2019**	**28/02/2019**	**1/03/2019**
DEFINITE	Austronomus australis	13	4	6	15	28	65
	Chalinolobus gouldii	-	-	1	-	-	-
	Chalinolobus morio	-	1	1	2	2	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	1	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	1	1	-	1
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	2	1	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	2	1	1	3	3
POSSIBLE	Austronomus australis	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	1	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	3	1	10	7	2	16
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	-	5	6	-	8	11
	Chalinolobus gouldii / Scotorepens balstoni	4	8	6	3	7	13
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	1
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	1
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	1	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	3	-	2	2
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	1	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	2	3	1	2	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	-	-	1
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	1	-	2	-	1	1
	Vespadelus regulus / Vespadelus vulturnus	-	1	-	1	3	-
UNKNOWN	Unknown	10	6	5	17	12	42
	‘Noise’ files	22	9	9	21	15	63
TOTAL		**55**	**40**	**53**	**74**	**85**	**220**

		BGIRP6	BGIRP6	BGIRP6	BGIRP6	BGIRP6	BGIRP6
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**2/03/2019**	**3/03/2019**	**4/03/2019**	**5/03/2019**	**6/03/2019**	**7/03/2019**
DEFINITE	Austronomus australis	12	19	25	39	6	14
	Chalinolobus gouldii	-	-	-	1	-	-
	Chalinolobus morio	1	1	-	-	1	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	2	-	-	4	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	-	2	-	-	-
	Chalinolobus gouldii	-	1	1	-	-	-
	Chalinolobus morio	-	1	-	1	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	1	-	2	-	2
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	7	11	6	1	-
POSSIBLE	Austronomus australis	-	-	1	1	-	-
	Chalinolobus gouldii	-	-	1	-	-	-
	Chalinolobus morio	-	-	1	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	1
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	1	1	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	5	4	1	11	6	20
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	18	8	1	11	-	6
	Chalinolobus gouldii / Scotorepens balstoni	6	14	4	15	6	15
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	1	-	1	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	3	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	2	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	7	6	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	2	1	3	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	2	4	-	2	1	1
	Vespadelus darlingtoni / Vespadelus regulus	-	2	1	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	1	5	2	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	35	19	1	1	-
UNKNOWN	Unknown	14	9	10	32	3	19
	‘Noise’ files	18	23	9	66	4	21
TOTAL		**81**	**146**	**99**	**196**	**29**	**99**

		BGIRP6	BGIRP6	BGIRP6	BGIRP6	BGIRP6	BGIRP6
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**8/03/2019**	**9/03/2019**	**10/03/2019**	**11/03/2019**	**12/03/2019**	**13/03/2019**
DEFINITE	Austronomus australis	56	35	19	17	12	23
	Chalinolobus gouldii	1	-	1	-	-	1
	Chalinolobus morio	2	-	1	2	5	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	1	-	4	1
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	1	-	1	5	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	1	1	-	-	3	1
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	1	-	2	1	4	3
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	2	6	4	1	2	-
POSSIBLE	Austronomus australis	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	1	-	-	-	3	2
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	4	-	14	11	7	28
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	2	7	11	4	6	6
	Chalinolobus gouldii / Scotorepens balstoni	1	10	19	10	6	5
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	1	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	3	-	-	-	3	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	3	-	1	-	1	1
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	1	-	-	1	2	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	1	-	1	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	2	-	2	-	1	1
	Vespadelus darlingtoni / Vespadelus regulus	-	1	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	1	6	2	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	4	13	-	13	2	2
UNKNOWN	Unknown	50	21	16	4	13	25
	‘Noise’ files	44	36	38	9	6	21
TOTAL		**179**	**139**	**131**	**75**	**85**	**120**

		BGIRP6	BGIRP6	BGIRP6	BGIRP6	BGIRP6	BGIRP6
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**14/03/2019**	**15/03/2019**	**16/03/2019**	**17/03/2019**	**18/03/2019**	**19/03/2019**
DEFINITE	Austronomus australis	14	44	29	52	61	24
	Chalinolobus gouldii	1	3	1	-	-	-
	Chalinolobus morio	1	1	-	1	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	2	-	3
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	3	2	-	3	-	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	2	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	3	-	1	1	2
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	2	-	-	-	-	-
POSSIBLE	Austronomus australis	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	1	1	-	-	1	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	5	5	5	-	7	5
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	9	7	4	4	1	4
	Chalinolobus gouldii / Scotorepens balstoni	17	11	4	7	4	-
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	1
	Chalinolobus morio / Vespadelus vulturnus	-	1	-	1	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	1
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	2	1
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	1	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	1
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	1	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	1	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	3
	Vespadelus regulus / Vespadelus vulturnus	1	-	-	2	1	-
UNKNOWN	Unknown	16	21	13	13	23	12
	‘Noise’ files	14	90	172	84	38	28
TOTAL		**88**	**189**	**229**	**170**	**139**	**85**

		BGIRP6	BGIRP6	BGIRP6	BGIRP6	BGIRP6	BGIRP6
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**20/03/2019**	**21/03/2019**	**22/03/2019**	**23/03/2019**	**24/03/2019**	**25/03/2019**
DEFINITE	Austronomus australis	6	3	4	43	26	13
	Chalinolobus gouldii	2	1	-	1	-	-
	Chalinolobus morio	-	-	-	1	-	1
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	2	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	-	-	-	-	1
	Chalinolobus gouldii	-	1	-	-	1	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	1	-	1	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	1	-	-	1	1	-
POSSIBLE	Austronomus australis	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	1	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	-	7	3	5	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	3	5	1	3	5	-
	Chalinolobus gouldii / Scotorepens balstoni	4	2	1	-	6	-
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	1	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	1	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	2	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	1	-	1	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	1	-	-	-	-
UNKNOWN	Unknown	2	7	1	11	13	7
	‘Noise’ files	35	2	3	17	126	19
TOTAL		**53**	**33**	**14**	**87**	**179**	**41**

		BGIRP6	BGIRP6	BGIRP6	BGIRP6	BGIRP6	BGIRP6	BGIRP6	BGIRP6	BGIRP6	BGIRP6	BGIRP6
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018
Confidence	**Identification**	**26/03/2019**	**27/03/2019**	**5/11/2018**	**6/11/2018**	**7/11/2018**	**12/11/2018**	**13/11/2018**	**14/11/2018**	**15/11/2018**	**16/11/2018**	**17/11/2018**
DEFINITE	Austronomus australis	1	2	66	7	-	5	17	55	6	7	9
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	1	-
	Chalinolobus morio	1	-	-	-	-	-	-	-	-	1	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	2	5	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	-	1	-	-	-	3	2	-	-	-
	Chalinolobus gouldii	-	1	-	-	-	1	-	-	-	1	-
	Chalinolobus morio	-	1	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	2	-	-	1	4	1	-	1	-
	Myotis macropus	-	-	-	-	-	1	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	3	-	-	1	5	2	-	-	-
POSSIBLE	Austronomus australis	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	2	-	-	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	1	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	1	3	55	5	-	18	15	10	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	1	7	6	1	-	3	7	8	2	3	-
	Chalinolobus gouldii / Scotorepens balstoni	-	4	5	2	-	5	9	10	2	-	-
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-	1	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	1	-	-	-	3	1	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	1	-	-	-	-	1	3	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	1	1	-	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	1	1	-	-	-	-	-	1	1	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	-	-	2	-	1	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	1	-	2	-	-	2	1	1	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	1	1	2	-	1	3	1	-	1	-
UNKNOWN	Unknown	2	5	48	3	-	10	18	33	6	5	1
	'Noise' files	-	4	97	113	701	23	34	50	30	6	31
TOTAL		**8**	**30**	**289**	**133**	**701**	**77**	**127**	**179**	**47**	**26**	**41**

		BGIRP6	BGIRP6	BGIRP6	BGIRP6	BGIRP6	BGIRP6	BGIRP6	BGIRP6	BGIRP6	BGIRP6
		Spring 2018	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19
Confidence	**Identification**	**18/11/2018**	**22/01/2019**	**23/01/2019**	**24/01/2019**	**25/01/2019**	**26/01/2019**	**27/01/2019**	**28/01/2019**	**1/02/2019**	**2/02/2019**
DEFINITE	Austronomus australis	1	16	17	6	9	53	24	19	17	37
	Chalinolobus gouldii	1	-	-	1	-	-	-	-	-	-
	Chalinolobus morio	1	-	1	-	1	1	-	-	1	2
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	1	-	3	2	4	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	1	1	-	-	11	2	5	-	1
	Chalinolobus gouldii	-	-	2	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	1	-	-	-	-	-	1
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	1	4	-	5	-	4	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	3	-	7	2	3	21	-	-	2
POSSIBLE	Austronomus australis	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	1	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	2	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	3	-	4	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	-	2	8	8	9	43	3	15	1	2
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	-	1	1	5	4	7	7	24	4	6
	Chalinolobus gouldii / Scotorepens balstoni	-	2	5	4	2	2	6	4	1	4
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	1	-	-	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	4	1	1	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	1	1	1	-	4	7	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	5	-	7	2	2	2	-	1	2
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	1	-	1	1	2	2	1	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	2	1	1	-	2	-	-	1	3	3
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	-	-	-	4	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	2	-	4	1	24	6	1	-	1
	Vespadelus regulus / Vespadelus vulturnus	1	3	-	1	1	4	6	-	1	-
UNKNOWN	Unknown	2	9	13	11	15	48	17	30	8	39
	‘Noise’ files	24	18	25	12	36	565	112	52	97	46
TOTAL		**32**	**66**	**77**	**74**	**89**	**781**	**222**	**166**	**134**	**146**

		BGIRP6	BGIRP8	BGIRP8	BGIRP8	BGIRP8	BGIRP8	BGIRP8	BGIRP8	BGIRP8	BGIRP8
		Summer 2018-19	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**3/02/2019**	**28/03/2019**	**29/03/2019**	**30/03/2019**	**31/03/2019**	**5/04/2019**	**6/04/2019**	**7/04/2019**	**14/02/2019**	**15/02/2019**
DEFINITE	Austronomus australis	46	16	-	-	2	1	-	1	17	60
	Chalinolobus gouldii	-	-	-	-	-	-	-	1	-	-
	Chalinolobus morio	1	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	1	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	1	1	-	-	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	1	1	-
	Chalinolobus morio	-	1	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	1
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	2	-	-	-	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	5	5	-	-	-	-	1	-	1	3
POSSIBLE	Austronomus australis	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	3
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	1	-	-	-	-	-	-	-	-	1
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	1	1
	Chalinolobus gouldii / Mormopterus planiceps	12	-	1	-	-	-	5	-	14	15
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	11	2	-	-	1	1	-	1	6	5
	Chalinolobus gouldii / Scotorepens balstoni	9	2	1	-	2	1	1	1	4	9
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	1	-	-	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	1	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	5
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	1	-	-	-	-	1	-	2	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	1	4	-	-	-	-	-	-	4	1
	Miniopterus orianae oceanensis / Vespadelus vulturnus	1	4	-	-	-	-	-	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	8	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-	-	-	43	16
	Vespadelus darlingtoni / Vespadelus regulus	-	65	-	-	-	3	-	-	5	1
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	1	7	-	-	-	1	2	1	4	1
	Vespadelus regulus / Vespadelus vulturnus	-	6	-	-	-	-	-	-	4	1
UNKNOWN	Unknown	27	20	1	-	2	1	2	1	26	46
	‘Noise’ files	101	30	1322	116	1	4	1	2	27	65
TOTAL		**220**	**166**	**1325**	**116**	**8**	**12**	**13**	**9**	**167**	**234**

		BGIRP8	BGIRP8	BGIRP8	BGIRP8	BGIRP8	BGIRP8
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**16/02/2019**	**17/02/2019**	**18/02/2019**	**19/02/2019**	**20/02/2019**	**21/02/2019**
DEFINITE	Austronomus australis	46	18	32	74	69	57
	Chalinolobus gouldii	-	-	1	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	1	-	-	-	1	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	1	-	-	2	-	-
	Chalinolobus gouldii	-	-	-	-	1	-
	Chalinolobus morio	-	1	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	2	2	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	5	3	-	2	2	-
POSSIBLE	Austronomus australis	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	1	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	1	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	1	-	-	2	4	8
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	17	5	1	7	16	11
	Chalinolobus gouldii / Scotorepens balstoni	15	3	4	-	2	2
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	1	1	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	1	-	1	1	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	1	-	-	1	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	1	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	1	-	-	-	3	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	5	1	-	1	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	2	-	7	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	3	4	-	4	1	-
	Vespadelus regulus / Vespadelus vulturnus	2	1	1	1	-	-
UNKNOWN	Unknown	36	8	15	48	40	28
	‘Noise’ files	35	15	303	116	137	756
TOTAL		**171**	**64**	**359**	**267**	**279**	**862**

		BGIRP8	BGIRP8	BGIRP8	BGIRP8	BGIRP8	BGIRP8
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**22/02/2019**	**23/02/2019**	**24/02/2019**	**25/02/2019**	**26/02/2019**	**27/02/2019**
DEFINITE	Austronomus australis	60	61	40	44	3	28
	Chalinolobus gouldii	1	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	2	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	1	1	-	1	-	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	1	-	1	-	1
POSSIBLE	Austronomus australis	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	1	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	8	1	-	2	4	5
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	4	6	3	6	4	8
	Chalinolobus gouldii / Scotorepens balstoni	2	1	2	-	2	3
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	1	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	1	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	1	1
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	1	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	1	-	-	2	4	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	-	1	1
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	1	5	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
UNKNOWN	Unknown	27	30	21	21	8	27
	‘Noise’ files	220	974	199	44	11	46
TOTAL		**324**	**1075**	**266**	**123**	**47**	**120**

		BGIRP8	BGIRP8	BGIRP8	BGIRP8	BGIRP8	BGIRP8
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**28/02/2019**	**1/03/2019**	**2/03/2019**	**3/03/2019**	**4/03/2019**	**5/03/2019**
DEFINITE	Austronomus australis	16	34	16	32	23	28
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	1	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	1	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	1	-	-	3	-	3
	Chalinolobus gouldii	-	-	-	-	-	2
	Chalinolobus morio	-	-	-	1	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	1	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	1	-	3	1	4
POSSIBLE	Austronomus australis	-	-	-	-	1	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	1	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	2	-	-	1	2	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	3	1	5	-	3	4
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	6	3	4	7	10	3
	Chalinolobus gouldii / Scotorepens balstoni	5	3	1	5	8	2
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	1	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	1	2
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	1	1	-	1
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	1	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	2	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	1	1	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	3	1	-	1	1	8
	Vespadelus regulus / Vespadelus vulturnus	2	-	1	2	-	-
UNKNOWN	Unknown	18	21	9	24	12	15
	‘Noise’ files	15	75	18	18	14	89
TOTAL		**73**	**139**	**57**	**101**	**79**	**161**

		BGIRP8	BGIRP8	BGIRP8	BGIRP8	BGIRP8	BGIRP8
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**6/03/2019**	**7/03/2019**	**8/03/2019**	**9/03/2019**	**10/03/2019**	**11/03/2019**
DEFINITE	Austronomus australis	7	15	102	114	81	41
	Chalinolobus gouldii	-	1	-	1	2	-
	Chalinolobus morio	-	-	-	1	1	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	1	4	7	-	4
	Chalinolobus gouldii	-	-	1	-	2	1
	Chalinolobus morio	-	-	-	-	2	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	2	-	-	2	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	2	1	1	1
POSSIBLE	Austronomus australis	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	1	-	-	1
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	2	-	4	5	-	2
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	4	6	-	3	4	9
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	5	3	6	12	10	2
	Chalinolobus gouldii / Scotorepens balstoni	3	1	3	8	6	6
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	1	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	1	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	1	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	2
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	1	1
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	1	-	-
	Vespadelus darlingtoni / Vespadelus regulus	1	-	-	1	1	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	3	2
	Vespadelus regulus / Vespadelus vulturnus	-	-	3	3	1	-
UNKNOWN	Unknown	7	17	70	62	51	19
	‘Noise’ files	6	34	143	107	127	39
TOTAL		**35**	**80**	**340**	**327**	**296**	**130**

		BGIRP8	BGIRP8	BGIRP8	BGIRP8	BGIRP8	BGIRP8
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**12/03/2019**	**13/03/2019**	**14/03/2019**	**15/03/2019**	**16/03/2019**	**17/03/2019**
DEFINITE	Austronomus australis	17	53	34	25	20	65
	Chalinolobus gouldii	-	-	-	1	1	-
	Chalinolobus morio	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	1	-	3
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	3	7	5	1	1	1
	Chalinolobus gouldii	-	-	1	-	2	-
	Chalinolobus morio	-	-	1	-	-	1
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	2	-	-	2	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	1	-	-	-
POSSIBLE	Austronomus australis	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	1	8	-	2	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	2	5	3	10	2	2
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	11	6	11	4	4	4
	Chalinolobus gouldii / Scotorepens balstoni	3	5	6	8	4	4
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	1	1	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	1	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	1	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	2	3	5	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	1	-	-	-	1
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
UNKNOWN	Unknown	22	26	14	23	18	25
	‘Noise’ files	20	64	86	823	437	149
TOTAL		**83**	**179**	**169**	**901**	**489**	**255**

		BGIRP8	BGIRP8	BGIRP8	BGIRP8	BGIRP8	BGIRP8
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**18/03/2019**	**19/03/2019**	**20/03/2019**	**21/03/2019**	**22/03/2019**	**23/03/2019**
DEFINITE	Austronomus australis	102	28	10	18	8	38
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	1
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	3	1	-	3	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	3	2	-	-	-	1
	Chalinolobus gouldii	1	-	-	-	-	1
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	1	-	-	1	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	1	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	1	1	1	3	-	13
POSSIBLE	Austronomus australis	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	1	-	1	1	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	10	3	-	7	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	8	2	7	4	2	6
	Chalinolobus gouldii / Scotorepens balstoni	1	-	6	1	1	2
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	1	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	1	-	-	-	6
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	1	-	-	-	6
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	1	-	3
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	1	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	1	3	3	-	8
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	2	-	-	19
	Vespadelus regulus / Vespadelus vulturnus	-	1	-	-	-	6
UNKNOWN	Unknown	42	18	6	8	5	15
	‘Noise’ files	91	48	40	37	33	26
TOTAL		**264**	**108**	**77**	**87**	**50**	**151**

		BGIRP8	BGIRP8	BGIRP8	BGIRP8	BGIRP8	BGIRP8	BGIRP8	BGIRP8	BGIRP8
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018
Confidence	**Identification**	**24/03/2019**	**25/03/2019**	**26/03/2019**	**27/03/2019**	**6/11/2018**	**7/11/2018**	**8/11/2018**	**13/11/2018**	**14/11/2018**
DEFINITE	Austronomus australis	10	4	-	4	8	-	-	8	8
	Chalinolobus gouldii	-	-	-	-	-	-	-	1	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	2	-	-	5	7
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	-	-	-	-	-	-	-	1
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	4	-	-	11	5
	Myotis macropus	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	1	-	1	-	2	-	-	1	-
POSSIBLE	Austronomus australis	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	-	-	-	-	35	-	-	61	35
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	8	1	-	2	11	-	1	64	4
	Chalinolobus gouldii / Scotorepens balstoni	2	-	-	2	2	-	-	5	5
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-	1	-
	Chalinolobus morio / Vespadelus vulturnus	1	-	-	1	-	-	2	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	1	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	8	-	1	-	7
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	1	-	7	-	1	4	11
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	4	-	-	1	1
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-	-	-	1
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	1	6	-	1	1	5
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	2	-	3	7	4
	Vespadelus regulus / Vespadelus vulturnus	1	-	-	-	3	-	2	1	1
UNKNOWN	Unknown	9	4	-	2	11	-	-	15	18
	‘Noise’ files	236	7	3	6	402	1754	3	16	17
TOTAL		**268**	**16**	**5**	**19**	**507**	**1754**	**14**	**202**	**130**

		BGIRP8	BGIRP8	BGIRP8	BGIRP8	BGIRP8	BGIRP8	BGIRP8	BGIRP8	BGIRP8	BGIRP8	BGIRP8
		Spring 2018	Spring 2018	Spring 2018	Spring 2018	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19
Confidence	**Identification**	**15/11/2018**	**16/11/2018**	**17/11/2018**	**18/11/2018**	**21/01/2019**	**22/01/2019**	**23/01/2019**	**24/01/2019**	**25/01/2019**	**26/01/2019**	**27/01/2019**
DEFINITE	Austronomus australis	5	-	3	-	74	41	2	49	8	45	68
	Chalinolobus gouldii	-	-	-	-	1	1	-	-	2	-	2
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	-	4	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	-	-	-	3	3	-	9	-	6	3
	Chalinolobus gouldii	-	-	-	-	-	4	-	3	3	3	3
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	1	2	-	3	-	4	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	1	-	-	2	1	-	2	1	-	8
POSSIBLE	Austronomus australis	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	1	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-	-	1	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	1	-	-	-	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	1	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	2	1	-
	Chalinolobus gouldii / Mormopterus planiceps	1	-	-	2	5	2	2	10	3	18	2
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	-	1	-	-	16	10	4	19	7	14	7
	Chalinolobus gouldii / Scotorepens balstoni	1	-	-	-	9	4	5	22	9	8	6
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	2	2	-	4	-	-	1
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	2	4	-	1	1	-	3
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	2	-	-	-	-	-	-	-	-	1
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	2	2	-	-	4	8	2	10	24	5	22
	Vespadelus darlingtoni / Vespadelus regulus	-	1	-	-	2	2	-	1	-	1	2
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	1	2	-	2	-	1	5
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	3	3	-	3	-	2	1
UNKNOWN	Unknown	6	2	1	4	44	33	7	41	34	54	76
	‘Noise’ files	1556	369	1369	554	65	67	526	93	52	1004	139
TOTAL		**1571**	**379**	**1373**	**560**	**234**	**190**	**548**	**277**	**146**	**1167**	**349**

		BGIRP8	BGIRP8	BGIRP8	BGIRP8	BGIYAS	BGIYAS	BGIYAS	BGIYAS	BGIYAS	BGIYAS	BGIYAS
		Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019
Confidence	**Identification**	**28/01/2019**	**1/02/2019**	**2/02/2019**	**3/02/2019**	**28/03/2019**	**29/03/2019**	**30/03/2019**	**31/03/2019**	**5/04/2019**	**6/04/2019**	**7/04/2019**
DEFINITE	Austronomus australis	76	4	15	6	13	1	-	-	2	-	-
	Chalinolobus gouldii	-	-	-	-	-	1	-	-	-	-	1
	Chalinolobus morio	-	-	-	-	5	-	-	1	1	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	2	-	-	2	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	11	-	1	-	1	-	-	-	-	-	-
	Chalinolobus gouldii	1	-	-	-	-	-	-	-	1	-	2
	Chalinolobus morio	-	-	-	-	1	-	-	-	-	3	1
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	2	3	-	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	3	4	3	-	-	-	-	2	-
POSSIBLE	Austronomus australis	-	1	-	-	1	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	6	-	2	-	-	1	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	1	-	-	2	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	1	2	7	7	-	3	-	-	2	-	1
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	24	10	17	16	5	3	-	-	8	2	2
	Chalinolobus gouldii / Scotorepens balstoni	9	2	3	6	10	5	-	-	5	3	2
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	1	-	-	-	-	-	-	-	-	1	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	1	1	-	-	-	-	-	1	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	2	1	1	-	-	-	1	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	3	-	-	-	-	-	-	2	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	5	6	2	1	1	-	-	1	3	1	1
	Vespadelus darlingtoni / Vespadelus regulus	-	4	3	3	1	1	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	1	-	2	3	-	-	-	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	3	-	2	1	1	-	-	-	-	1	2
UNKNOWN	Unknown	61	21	20	27	21	7	1	-	4	5	3
	‘Noise’ files	150	809	75	225	94	1355	1983	228	15	12	5
TOTAL		**352**	**859**	**160**	**308**	**158**	**1377**	**1984**	**230**	**42**	**33**	**20**

		BGIYAS	BGIYAS	BGIYAS	BGIYAS	BGIYAS	BGIYAS
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**15/02/2019**	**16/02/2019**	**17/02/2019**	**18/02/2019**	**19/02/2019**	**20/02/2019**
DEFINITE	Austronomus australis	115	37	4	24	330	254
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	2	-	-	1	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	2
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	14	6	-	1	53	24
	Chalinolobus gouldii	3	-	1	1	3	4
	Chalinolobus morio	-	1	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	1	-	1	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	1	-	-	-	-	-
	Vespadelus vulturnus	1	-	6	-	-	1
POSSIBLE	Austronomus australis	2	1	-	-	9	4
	Chalinolobus gouldii	-	-	-	-	-	2
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	2	-	4	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	1	-	1	1
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	36	4	3	-	2	6
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	16	13	6	11	36	54
	Chalinolobus gouldii / Scotorepens balstoni	21	28	8	6	17	23
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	1	1	-	-	1
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	1	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	1	-	2	-	1	1
	Vespadelus darlingtoni / Vespadelus regulus	2	-	1	-	-	1
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	1	2	1	1	-	1
	Vespadelus regulus / Vespadelus vulturnus	-	3	1	1	-	1
UNKNOWN	Unknown	97	27	7	23	362	286
	‘Noise’ files	774	41	26	242	1296	1028
TOTAL		**1087**	**166**	**74**	**310**	**2111**	**1694**

		BGIYAS	BGIYAS	BGIYAS	BGIYAS	BGIYAS	BGIYAS
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**21/02/2019**	**22/02/2019**	**23/02/2019**	**24/02/2019**	**25/02/2019**	**26/02/2019**
DEFINITE	Austronomus australis	207	171	132	284	213	30
	Chalinolobus gouldii	-	1	-	-	-	-
	Chalinolobus morio	-	-	-	-	1	2
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	1	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	23	21	20	19	16	2
	Chalinolobus gouldii	1	-	-	-	1	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	1	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	1	-	3	6
POSSIBLE	Austronomus australis	2	1	-	3	8	-
	Chalinolobus gouldii	-	-	-	-	1	-
	Chalinolobus morio	-	1	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	1	16	2	-	-	1
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	23	12	16	7	14	15
	Chalinolobus gouldii / Scotorepens balstoni	16	13	14	10	15	16
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	2
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	1	3	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	1	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	2	3
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	1	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	1	-	1	2	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	-	2	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	1
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	1	3
UNKNOWN	Unknown	182	170	160	256	178	33
	‘Noise’ files	2159	1329	2088	1529	204	597
TOTAL		**2614**	**1738**	**2433**	**2110**	**666**	**711**

		BGIYAS	BGIYAS	BGIYAS	BGIYAS	BGIYAS	BGIYAS
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**27/02/2019**	**28/02/2019**	**1/03/2019**	**2/03/2019**	**3/03/2019**	**4/03/2019**
DEFINITE	Austronomus australis	303	182	386	200	91	170
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	1	1	1	2	1	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	1	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	1	-	-	-
PROBABLE	Austronomus australis	29	14	32	24	6	10
	Chalinolobus gouldii	1	2	1	-	-	1
	Chalinolobus morio	-	-	-	-	1	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	1	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	1	-	-	-	-
	Vespadelus vulturnus	1	2	-	2	1	6
POSSIBLE	Austronomus australis	16	6	62	22	1	5
	Chalinolobus gouldii	-	-	-	-	-	1
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	1	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	1	4	34	-	-	1
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	-	5	8	5	2	1
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	43	17	39	27	12	22
	Chalinolobus gouldii / Scotorepens balstoni	18	22	34	18	3	14
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	1	-	1	1	1	3
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	1
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	1	-	1	1	1
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	1	-	-	-	1
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	3	2	6	4	4	2
	Vespadelus darlingtoni / Vespadelus regulus	-	2	3	-	1	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	1	-	-	1	2
	Vespadelus regulus / Vespadelus vulturnus	1	1	1	-	2	2
UNKNOWN	Unknown	356	183	323	214	66	150
	‘Noise’ files	947	172	820	250	94	386
TOTAL		**1722**	**620**	**1753**	**770**	**288**	**779**

		BGIYAS	BGIYAS	BGIYAS	BGIYAS	BGIYAS	BGIYAS
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**5/03/2019**	**6/03/2019**	**7/03/2019**	**8/03/2019**	**9/03/2019**	**10/03/2019**
DEFINITE	Austronomus australis	35	49	141	229	301	71
	Chalinolobus gouldii	1	-	2	-	-	-
	Chalinolobus morio	-	1	-	-	1	1
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	4	1	1
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	3	1	2	3	65	3
	Chalinolobus gouldii	3	-	-	-	2	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	3	-	1	8	1	2
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	1	-	-	-
	Vespadelus vulturnus	3	1	-	4	1	6
POSSIBLE	Austronomus australis	-	-	-	-	2	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	1	-	-	-	1	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	1	3	-	15	3
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	7	-	6	8	8	8
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	13	2	13	20	36	7
	Chalinolobus gouldii / Scotorepens balstoni	14	2	9	9	25	10
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	2	-	-	2	3	1
	Falsistrellus tasmaniensis / Mormopterus petersi	1	-	-	3	-	1
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	1	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	1	-	2
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	1
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	6	2	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	5	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	1	1	-
	Vespadelus regulus / Vespadelus vulturnus	1	1	1	4	1	-
UNKNOWN	Unknown	24	36	87	180	180	37
	‘Noise’ files	682	175	943	383	801	562
TOTAL		**793**	**269**	**1215**	**866**	**1446**	**716**

		BGIYAS	BGIYAS	BGIYAS	BGIYAS	BGIYAS	BGIYAS
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**11/03/2019**	**12/03/2019**	**13/03/2019**	**14/03/2019**	**15/03/2019**	**16/03/2019**
DEFINITE	Austronomus australis	20	35	271	232	133	633
	Chalinolobus gouldii	-	-	1	-	1	1
	Chalinolobus morio	-	1	4	1	1	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	14	2	1	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	1	3	26	10	15	52
	Chalinolobus gouldii	3	-	1	2	-	5
	Chalinolobus morio	-	-	1	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	14	1	3	1
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	3	1	-	4	-	-
POSSIBLE	Austronomus australis	-	-	-	-	-	1
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	1	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	2	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	2	-	7	1	1	2
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	-	-	45	3	21	7
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	6	13	9	39	39	44
	Chalinolobus gouldii / Scotorepens balstoni	5	4	16	18	37	18
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	1	-	1	1	-	2
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	2	-	-	1	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	1	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	1	-	1	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	2	-	4	1	1	2
	Vespadelus darlingtoni / Vespadelus regulus	1	-	1	6	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	1	-	-	-	1	-
	Vespadelus regulus / Vespadelus vulturnus	2	-	1	1	-	-
UNKNOWN	Unknown	13	12	134	96	99	289
	'Noise' files	30	60	828	514	2656	2000
TOTAL		**93**	**130**	**1380**	**935**	**3009**	**3057**

		BGIYAS	BGIYAS	BGIYAS	BGIYAS	BGIYAS	BGIYAS
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**17/03/2019**	**18/03/2019**	**19/03/2019**	**20/03/2019**	**21/03/2019**	**22/03/2019**
DEFINITE	Austronomus australis	188	246	208	104	98	25
	Chalinolobus gouldii	-	1	-	5	3	1
	Chalinolobus morio	2	-	1	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	1	2	-	5	1	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	11	18	12	2	13	2
	Chalinolobus gouldii	2	-	1	2	4	1
	Chalinolobus morio	1	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	1	1	1	6	4	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	1	4	1	1	-	-
POSSIBLE	Austronomus australis	1	1	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	1	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	5	9	-	8	2	-
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	24	37	17	19	23	4
	Chalinolobus gouldii / Scotorepens balstoni	12	7	9	15	18	4
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	5	1	1	-	-	1
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	1
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	1	-	-	1	1
	Miniopterus orianae oceanensis / Vespadelus vulturnus	1	-	-	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	1	-	1	1	-
	Vespadelus darlingtoni / Vespadelus regulus	-	2	1	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	5	-	-	1	-
UNKNOWN	Unknown	66	123	134	63	78	21
	‘Noise’ files	567	296	449	904	1094	166
TOTAL		**888**	**756**	**835**	**1135**	**1341**	**227**

		BGIYAS	BGIYAS	BGIYAS	BGIYAS	BGIYAS	BGIYAS	BGIYAS	BGIYAS
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Spring 2018	Spring 2018	Spring 2018
Confidence	**Identification**	**23/03/2019**	**24/03/2019**	**25/03/2019**	**26/03/2019**	**27/03/2019**	**9/11/2018**	**10/11/2018**	**11/11/2018**
DEFINITE	Austronomus australis	34	6	3	4	19	-	8	6
	Chalinolobus gouldii	1	-	-	-	-	-	1	-
	Chalinolobus morio	-	-	-	-	1	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-
	Mormopterus planiceps	3	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	1	1	1	-	2	-	-	-
	Chalinolobus gouldii	3	1	-	-	-	1	-	1
	Chalinolobus morio	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-
	Mormopterus planiceps	1	2	-	-	-	3	-	-
	Myotis macropus	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	1	-	-	-	1	3	4	-
POSSIBLE	Austronomus australis	-	-	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-
	Mormopterus planiceps	1	-	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	1	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	3	2	-	-	5	2	1	3
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	8	6	4	2	6	9	4	1
	Chalinolobus gouldii / Scotorepens balstoni	2	3	1	1	3	9	-	2
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	1	-	-	-	1	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	1	-	-	-	-	3	1	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	1	1	1	-	-	3	3	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	3	4	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	2	-	1	-	-	-	-	2
	Vespadelus darlingtoni / Vespadelus regulus	1	-	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	1	-	-	1	2	-
	Vespadelus regulus / Vespadelus vulturnus	2	1	-	-	-	3	2	-
UNKNOWN	Unknown	28	13	4	4	35	4	8	3
	‘Noise’ files	39	1306	567	18	118	4	414	1586
TOTAL		**133**	**1343**	**583**	**29**	**191**	**48**	**452**	**1604**

		BGIYAS	BGIYAS	BGIYAS	BGIYAS	BGIYAS	BGIYAS	BGIYAS	BGIYAS	BGIYAS	BGIYAS	BGIYAS
		Spring 2018	Spring 2018	Spring 2018	Spring 2018	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19
Confidence	**Identification**	**12/11/2018**	**20/11/2018**	**21/11/2018**	**22/11/2018**	**29/01/2019**	**30/01/2019**	**31/01/2019**	**4/02/2019**	**5/02/2019**	**6/02/2019**	**7/02/2019**
DEFINITE	Austronomus australis	-	18	4	-	60	18	31	-	14	14	48
	Chalinolobus gouldii	-	1	-	-	3	1	-	4	2	2	2
	Chalinolobus morio	-	-	-	-	-	-	-	-	1	-	6
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	1	-	-	-	-	7	-	1	-	-	3
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	1	1	-	4	2	2	-	-	-	6
	Chalinolobus gouldii	1	2	1	-	5	2	-	-	-	2	2
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	1
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	4	2	-	-	2	16	-	2	-	2	1
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	1	-
	Vespadelus vulturnus	3	-	1	-	8	3	-	3	-	-	11
POSSIBLE	Austronomus australis	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	1	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	1	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	6	-	-	-	-	-	1
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	2	7	2	-	10	71	1	7	-	18	46
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	5	6	-	-	10	13	6	3	2	20	31
	Chalinolobus gouldii / Scotorepens balstoni	3	8	2	-	16	18	3	14	3	20	25
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-	-	2	1	-	1
	Falsistrellus tasmaniensis / Mormopterus petersi	1	-	-	-	1	-	-	1	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	2
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	2	-	-	-	1	-	-	1	-	2	6
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	2	4	-	-	-	-	1
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	1	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	1	1	-	-	5	11	-	9	1	3	5
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	-	1	2	-	-	-	-	1
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	3	-	-	1	1	-	1	-	-	3
	Vespadelus regulus / Vespadelus vulturnus	2	2	-	-	2	5	-	-	-	5	8
UNKNOWN	Unknown	1	7	7	3	32	43	17	10	10	18	33
	‘Noise’ files	76	1132	814	2822	266	3659	3450	587	66	41	83
TOTAL		**102**	**1190**	**832**	**2825**	**436**	**3877**	**3510**	**646**	**100**	**148**	**326**

		BMCRP4	BMCRP4	BMCRP4	BMCRP4	BMCRP4	BMCRP4	BMCRP4	BMCRP4	BMCRP4	BMCRP4	BMCRP4	BMCRP4
		Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019
Confidence	**Identification**	**29/03/2019**	**30/03/2019**	**2/04/2019**	**3/04/2019**	**4/04/2019**	**5/04/2019**	**6/04/2019**	**7/04/2019**	**8/04/2019**	**9/04/2019**	**10/04/2019**	**11/04/2019**
DEFINITE	Austronomus australis	-	-	6	4	3	4	1	4	-	-	1	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	2	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	-	1	-	1	1	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	1	-	-	-	-	1
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
POSSIBLE	Austronomus australis	-	-	1	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	3	-	-	-	-	-	1	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	-	-	2	9	-	1	8	1	3	4	-	1
	Chalinolobus gouldii / Scotorepens balstoni	-	-	-	1	-	1	1	1	1	-	-	-
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
UNKNOWN	Unknown	-	-	5	5	6	2	4	2	2	2	2	4
	'Noise' files	11	843	7	83	210	102	48	7	976	442	100	9
TOTAL		**11**	**843**	**22**	**105**	**220**	**111**	**65**	**15**	**982**	**449**	**103**	**15**

		BMCRP4	BMCRP4	BMCRP4	BMCRP4	BMCRP4	BMCRP4
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**15/02/2019**	**16/02/2019**	**17/02/2019**	**18/02/2019**	**19/02/2019**	**20/02/2019**
DEFINITE	Austronomus australis	65	78	19	24	104	183
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	11	5	1	4	14	23
	Chalinolobus gouldii	-	-	-	-	1	1
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	1	-
POSSIBLE	Austronomus australis	7	3	-	1	6	2
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	21	1	2	-	-	2
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	37	11	7	3	34	46
	Chalinolobus gouldii / Scotorepens balstoni	3	4	-	3	4	4
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	1
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	2
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	1
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
UNKNOWN	Unknown	134	56	17	17	103	152
	‘Noise’ files	1095	37	3	290	138	224
TOTAL		**1373**	**195**	**49**	**342**	**405**	**641**

		BMCRP4	BMCRP4	BMCRP4	BMCRP4	BMCRP4	BMCRP4
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**21/02/2019**	**22/02/2019**	**23/02/2019**	**24/02/2019**	**25/02/2019**	**26/02/2019**
DEFINITE	Austronomus australis	86	138	156	135	70	55
	Chalinolobus gouldii	-	-	-	1	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	1	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	9	14	28	22	8	5
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	1
POSSIBLE	Austronomus australis	-	4	10	2	1	1
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	2	1	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	1	-	1	1	1
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	1	6	-	4	1	1
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	18	19	18	12	12	28
	Chalinolobus gouldii / Scotorepens balstoni	1	-	1	4	1	13
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	1
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	1
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	1
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	1
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	2
UNKNOWN	Unknown	97	129	214	143	70	42
	‘Noise’ files	1822	1256	2116	990	61	107
TOTAL		**2034**	**1567**	**2545**	**1315**	**226**	**260**

		BMCRP4	BMCRP4	BMCRP4	BMCRP4	BMCRP4	BMCRP4
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**27/02/2019**	**28/02/2019**	**1/03/2019**	**2/03/2019**	**3/03/2019**	**4/03/2019**
DEFINITE	Austronomus australis	105	49	109	52	95	64
	Chalinolobus gouldii	1	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	8	8	15	8	8	9
	Chalinolobus gouldii	-	-	-	-	1	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	1	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	1	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
POSSIBLE	Austronomus australis	6	-	4	2	-	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	2	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	1	1	3	1	1	1
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	1	-	1	2	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	50	15	22	15	12	10
	Chalinolobus gouldii / Scotorepens balstoni	6	4	4	2	5	6
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	1
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	1	-	-	-	-	1
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	1	-	-	1
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	1	1	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	1	-	-	1	-	1
UNKNOWN	Unknown	142	55	128	55	52	85
	‘Noise’ files	351	32	472	198	40	75
TOTAL		**675**	**164**	**761**	**338**	**214**	**254**

		BMCRP4	BMCRP4	BMCRP4	BMCRP4	BMCRP4	BMCRP4
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**5/03/2019**	**6/03/2019**	**7/03/2019**	**8/03/2019**	**9/03/2019**	**10/03/2019**
DEFINITE	Austronomus australis	14	20	46	183	97	38
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	2	3	4	25	18	3
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	1
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	1
	Vespadelus vulturnus	-	-	-	-	-	-
POSSIBLE	Austronomus australis	-	1	1	4	1	1
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	2
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	1	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	1	-	2	-	-	4
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	12	1	8	18	16	28
	Chalinolobus gouldii / Scotorepens balstoni	3	-	-	4	2	3
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	2	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	1	2	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
UNKNOWN	Unknown	14	22	46	190	111	50
	‘Noise’ files	334	35	1202	179	158	693
TOTAL		**380**	**82**	**1309**	**605**	**407**	**824**

		BMCRP4	BMCRP4	BMCRP4	BMCRP4	BMCRP4	BMCRP4
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**11/03/2019**	**12/03/2019**	**13/03/2019**	**14/03/2019**	**15/03/2019**	**16/03/2019**
DEFINITE	Austronomus australis	21	31	76	88	78	273
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	1	8	14	11	15	17
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	1	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	1	-	-	-	-	-
POSSIBLE	Austronomus australis	-	-	2	3	2	2
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	2	15	1	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	1	1	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	-	1	71	9	11	1
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	6	29	15	17	10	11
	Chalinolobus gouldii / Scotorepens balstoni	2	1	1	4	4	3
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	1	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	1	-	-
UNKNOWN	Unknown	11	38	74	87	101	191
	‘Noise’ files	234	544	82	333	1829	1488
TOTAL		**278**	**655**	**351**	**554**	**2050**	**1986**

		BMCRP4	BMCRP4	BMCRP4	BMCRP4	BMCRP4	BMCRP4	BMCRP4	BMCRP4	BMCRP4	BMCRP4
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018
Confidence	**Identification**	**17/03/2019**	**18/03/2019**	**20/03/2019**	**8/11/2018**	**9/11/2018**	**10/11/2018**	**11/11/2018**	**12/11/2018**	**13/11/2018**	**14/11/2018**
DEFINITE	Austronomus australis	88	-	-	1	6	-	2	1	6	18
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	3	1	4	3	4	2
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	2	-	-	-	1	-	-	-	1	5
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	1	-	-	-	3	1	1	1	5	4
	Myotis macropus	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-
POSSIBLE	Austronomus australis	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	2	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	1	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	-	-	-	-	5	-	-	-	5	4
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	5	-	-	1	26	1	2	1	16	6
	Chalinolobus gouldii / Scotorepens balstoni	2	-	-	-	-	-	-	-	4	1
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	1	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	2	1	-	1	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	5	1	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	-	-	-	1	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	7	-	-	2	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	1	-	-	-	-
UNKNOWN	Unknown	55	-	-	-	6	-	2	2	25	83
	‘Noise’ files	793	750	1	1251	21	6	65	20	708	965
TOTAL		**947**	**750**	**1**	**1253**	**78**	**22**	**77**	**29**	**776**	**1088**

		BMCRP4	BMCRP4	BMCRP4	BMCRP4	BMCRP4	BMCRP4	BMCRP4	BMCRP4	BMCRP4	BMCRP4	BMCRP4	BMCRP4
		Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19
Confidence	**Identification**	**15/11/2018**	**16/11/2018**	**17/11/2018**	**18/11/2018**	**19/11/2018**	**20/11/2018**	**21/11/2018**	**21/01/2019**	**22/01/2019**	**23/01/2019**	**31/01/2019**	**1/02/2019**
DEFINITE	Austronomus australis	1	2	9	-	1	12	10	54	22	3	6	10
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	4	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	-	-	-	-	-	-	2	-	-	1	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	-	2	1	2	1	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
POSSIBLE	Austronomus australis	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	-	-	2	-	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	-	-	3	1	2	2	-	1	5	4	7	3
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	-	-	-	-	2	6	-	-	3	3	5	1
	Chalinolobus gouldii / Scotorepens balstoni	-	-	-	-	-	1	-	-	1	1	2	1
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	2	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	-	1	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-	-	1	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
UNKNOWN	Unknown	-	10	11	2	2	8	8	18	18	9	8	14
	'Noise' files	3120	77	3201	1969	294	702	416	71	72	208	3260	3420
TOTAL		**3121**	**89**	**3224**	**1972**	**301**	**737**	**434**	**148**	**126**	**230**	**3290**	**3449**

		BMCRP4	BMCRP4	BMIRP2	BMIRP2	BMIRP2	BMIRP2	BMIRP2	BMIRP2	BMIRP2	BMIRP2	BMIRP2	BMIRP2
		Summer 2018-19	Summer 2018-19	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019
Confidence	**Identification**	**2/02/2019**	**3/02/2019**	**28/03/2019**	**29/03/2019**	**2/04/2019**	**3/04/2019**	**4/04/2019**	**5/04/2019**	**6/04/2019**	**7/04/2019**	**8/04/2019**	**9/04/2019**
DEFINITE	Austronomus australis	14	-	5	-	-	-	1	-	5	2	2	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	1	2	-	-	5	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	2	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	1	-	-	-	-	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
POSSIBLE	Austronomus australis	-	-	-	-	-	-	-	-	1	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	3	1	-	-	-	-	-	-	6	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	4	1	4	-	-	1	-	-	10	2	3	3
	Chalinolobus gouldii / Scotorepens balstoni	2	-	1	1	-	2	-	-	4	-	1	1
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	-	-	-	1	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
UNKNOWN	Unknown	21	-	7	9	-	2	-	1	8	-	7	1
	‘Noise’ files	298	217	143	632	7	4	9	238	3	1	772	1
TOTAL		**344**	**220**	**160**	**642**	**8**	**11**	**11**	**239**	**42**	**5**	**785**	**6**

		BMIRP2	BMIRP2	BMIRP2	BMIRP2	BMIRP2	BMIRP2	BMIRP2
		Autumn 2019	Autumn 2019	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**10/04/2019**	**11/04/2019**	**8/03/2019**	**9/03/2019**	**10/03/2019**	**11/03/2019**	**12/03/2019**
DEFINITE	Austronomus australis	1	-	170	127	91	48	44
	Chalinolobus gouldii	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	3	5	5	-	-
	Saccolaimus flaviventris	-	-	-	-	-	1	-
	Vespadelus vulturnus	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	-	14	9	1	1	3
	Chalinolobus gouldii	-	-	1	-	2	-	1
	Chalinolobus morio	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	4	1	7	-	1
	Myotis macropus	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	2	-	-	-
POSSIBLE	Austronomus australis	-	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	1
	Myotis macropus	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	1	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	-	-	9	6	8	1	4
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	1	-	64	47	103	14	44
	Chalinolobus gouldii / Scotorepens balstoni	-	-	18	9	19	6	20
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	1	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	2	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	2	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	2	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	1	1	2	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	1	-	-	-
UNKNOWN	Unknown	2	1	130	96	130	43	57
	‘Noise’ files	1	-	451	311	842	156	366
TOTAL		**5**	**1**	**865**	**623**	**1210**	**270**	**541**

		BMIRP2	BMIRP2	BMIRP2	BMIRP2	BMIRP2	BMIRP2
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**13/03/2019**	**14/03/2019**	**15/03/2019**	**16/03/2019**	**17/03/2019**	**18/03/2019**
DEFINITE	Austronomus australis	39	39	35	37	103	38
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	2	4	-	-	4	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	1	-	1	1	5	2
	Chalinolobus gouldii	2	-	2	1	1	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	4	3	1	-	2	4
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	3	-	-	-	-
POSSIBLE	Austronomus australis	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	1	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	11	4	27	3	1	19
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	43	34	35	29	25	16
	Chalinolobus gouldii / Scotorepens balstoni	14	16	4	5	15	2
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	1	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	1	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	3	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	2	-	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	1	7	1	1	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
UNKNOWN	Unknown	62	51	64	33	53	37
	‘Noise’ files	1229	497	3472	3455	651	555
TOTAL		**1408**	**665**	**3642**	**3565**	**861**	**673**

		BMIRP2	BMIRP2	BMIRP2	BMIRP2	BMIRP2	BMIRP2
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**19/03/2019**	**20/03/2019**	**21/03/2019**	**22/03/2019**	**23/03/2019**	**24/03/2019**
DEFINITE	Austronomus australis	23	12	25	13	10	6
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	2	2	4	-	4	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	1	2	-	-	-	-
	Chalinolobus gouldii	1	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	2	3	7	-	1	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
POSSIBLE	Austronomus australis	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	13	9	79	-	2	1
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	10	14	17	5	3	6
	Chalinolobus gouldii / Scotorepens balstoni	4	2	2	1	-	2
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	1	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	2	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
UNKNOWN	Unknown	27	23	72	5	5	8
	‘Noise’ files	112	866	1538	35	48	1594
TOTAL		**195**	**933**	**1747**	**59**	**73**	**1617**

		BMIRP2	BMIRP2	BMIRP2	BMIRP2	BMIRP2	BMIRP2	BMIRP2	BMIRP2
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Spring 2018	Spring 2018	Spring 2018
Confidence	**Identification**	**25/03/2019**	**26/03/2019**	**27/03/2019**	**28/03/2019**	**29/03/2019**	**9/11/2018**	**10/11/2018**	**11/11/2018**
DEFINITE	Austronomus australis	1	-	5	5	-	-	1	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	7	6	4
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	-	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-	4	-
	Chalinolobus morio	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	6	2	-
	Myotis macropus	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-
POSSIBLE	Austronomus australis	-	-	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-	1	-
	Chalinolobus morio	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	-	-	-	-	-	5	7	1
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	3	-	7	4	-	4	158	2
	Chalinolobus gouldii / Scotorepens balstoni	1	-	3	1	1	1	2	2
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	1	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	3	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	4	-	-	-	-	1
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	2	1
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	-
UNKNOWN	Unknown	1	2	12	7	9	5	10	2
	‘Noise’ files	3216	274	257	143	632	31	13	84
TOTAL		**3222**	**276**	**288**	**160**	**642**	**59**	**210**	**97**

		BMIRP2	BMIRP2	BMIRP2	BMIRP2	BMIRP2	BMIRP2	BMIRP2	BMIRP2	BMIRP2	BMIRP2	BMIRP2	BMIRP2
		Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Summer 2018-19	Summer 2018-19
Confidence	**Identification**	**12/11/2018**	**13/11/2018**	**14/11/2018**	**15/11/2018**	**16/11/2018**	**17/11/2018**	**18/11/2018**	**19/11/2018**	**20/11/2018**	**21/11/2018**	**21/01/2019**	**22/01/2019**
DEFINITE	Austronomus australis	1	1	7	2	1	-	-	-	7	12	9	6
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	7	1	-	-	-	-	-	-	-	1	1
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	-	1	1	1	-	-	-	1	2	-	1
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	10	2	-	1	-	-	-	1	1	1	1
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
POSSIBLE	Austronomus australis	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	1	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	2	9	3	-	-	-	-	1	1	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	-	13	12	1	-	-	1	1	-	3	1	4
	Chalinolobus gouldii / Scotorepens balstoni	-	1	1	-	1	1	-	-	-	-	-	-
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-	-	1	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	1	-	-	-	-	-	-	-	-
UNKNOWN	Unknown	-	16	5	1	2	1	-	1	8	7	4	10
	‘Noise’ files	4	337	3	3000	459	2487	1630	76	1676	1237	11	21
TOTAL		**7**	**394**	**35**	**3006**	**465**	**2489**	**1631**	**79**	**1695**	**1263**	**27**	**44**

		BMIRP2	BMIRP2	BMIRP2	BMIRP2	BMIRP5	BMIRP5	BMIRP5	BMIRP5	BMIRP5	BMIRP5	BMIRP5
		Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019
Confidence	**Identification**	**23/01/2019**	**24/01/2019**	**25/01/2019**	**26/01/2019**	**28/03/2019**	**29/03/2019**	**30/03/2019**	**31/03/2019**	**1/04/2019**	**2/04/2019**	**3/04/2019**
DEFINITE	Austronomus australis	4	3	1	-	6	-	1	1	10	4	1
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	3	1	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	2	-	-	-	1	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	2	-	-	-	-	-	-	1	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-
POSSIBLE	Austronomus australis	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	-	-	1	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	-	1	-	-	-	-	-	-	1	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	1	2	1	-	-	-	-	-	3	2	7
	Chalinolobus gouldii / Scotorepens balstoni	-	1	2	-	-	-	-	-	2	1	3
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	1	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	2	-	-	-	-	-	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-
UNKNOWN	Unknown	-	7	1	-	7	1	-	1	7	-	3
	'Noise' files	2778	12	445	4	-	1168	1643	88	52	5	999
TOTAL		**2785**	**34**	**451**	**4**	**14**	**1169**	**1644**	**90**	**77**	**12**	**1013**

		BMIRP5	BMIRP5	BMIRP5	BMIRP5	BMIRP5	BMIRP5	BMIRP5	BMIRP5	BMIRP5	BMIRP5
		Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**4/04/2019**	**5/04/2019**	**6/04/2019**	**7/04/2019**	**8/04/2019**	**9/04/2019**	**10/04/2019**	**11/04/2019**	**13/02/2019**	**14/02/2019**
DEFINITE	Austronomus australis	3	1	3	1	3	-	-	7	31	57
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	-	-	-	1
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	-	-	-	-	-	-	-	2	3
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	2
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	1	-	-	-	-	-	-	1	1	2
	Myotis macropus	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-
POSSIBLE	Austronomus australis	-	-	-	-	-	-	-	-	-	2
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	-	-	-	2
	Myotis macropus	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	1	-
	Chalinolobus gouldii / Mormopterus planiceps	-	-	-	-	-	-	-	-	-	28
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	1	-	-	-	-	-	2	-	2	12
	Chalinolobus gouldii / Scotorepens balstoni	-	-	-	-	-	-	-	-	1	3
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-
UNKNOWN	Unknown	6	1	1	1	2	-	3	4	39	61
	‘Noise’ files	1144	7	12	331	2465	59	88	25	26	1552
TOTAL		**1155**	**9**	**16**	**333**	**2470**	**59**	**93**	**37**	**103**	**1725**

		BMIRP5	BMIRP5	BMIRP5	BMIRP5	BMIRP5	BMIRP5
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**15/02/2019**	**16/02/2019**	**17/02/2019**	**8/03/2019**	**9/03/2019**	**10/03/2019**
DEFINITE	Austronomus australis	23	44	18	61	56	31
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	1	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	2	1	6	2	4
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	1	-	3
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	1	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	1	-	-	1	-
POSSIBLE	Austronomus australis	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	1	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	7	-	-	-	-	2
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	5	10	3	7	1	8
	Chalinolobus gouldii / Scotorepens balstoni	1	7	2	2	-	1
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	1	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	-	1	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	1	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
UNKNOWN	Unknown	21	23	5	39	24	27
	‘Noise’ files	1823	32	4	95	153	507
TOTAL		**1880**	**119**	**33**	**211**	**243**	**583**

		BMIRP5	BMIRP5	BMIRP5	BMIRP5	BMIRP5	BMIRP5
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**11/03/2019**	**12/03/2019**	**13/03/2019**	**14/03/2019**	**15/03/2019**	**16/03/2019**
DEFINITE	Austronomus australis	19	12	52	43	5	2
	Chalinolobus gouldii	-	1	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	1	1	-	2	-	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	6	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
POSSIBLE	Austronomus australis	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	1	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	1	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	-	-	18	-	1	-
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	3	4	2	10	9	-
	Chalinolobus gouldii / Scotorepens balstoni	1	2	1	2	1	1
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	1	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
UNKNOWN	Unknown	6	8	36	41	10	5
	‘Noise’ files	94	94	71	1941	3098	2921
TOTAL		**124**	**124**	**187**	**2039**	**3124**	**2929**

		BMIRP5	BMIRP5	BMIRP5	BMIRP5	BMIRP5	BMIRP5
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**17/03/2019**	**18/03/2019**	**19/03/2019**	**20/03/2019**	**21/03/2019**	**22/03/2019**
DEFINITE	Austronomus australis	32	31	35	67	11	6
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	1	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	1	1	-	8	3	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	1	-	2	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
POSSIBLE	Austronomus australis	-	-	-	-	-	-
	Chalinolobus gouldii	1	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	1	-	4	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	1	1	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	2	2	4	1	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	2	-	2	8	6	1
	Chalinolobus gouldii / Scotorepens balstoni	-	-	1	-	4	-
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	1	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
UNKNOWN	Unknown	15	21	31	55	25	2
	‘Noise’ files	337	1542	563	844	377	31
TOTAL		**391**	**1599**	**640**	**988**	**426**	**40**

		BMIRP5	BMIRP5	BMIRP5	BMIRP5	BMIRP5	BMIRP5	BMIRP5	BMIRP5
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Spring 2018	Spring 2018	Spring 2018
Confidence	**Identification**	**23/03/2019**	**24/03/2019**	**25/03/2019**	**26/03/2019**	**27/03/2019**	**9/11/2018**	**10/11/2018**	**11/11/2018**
DEFINITE	Austronomus australis	9	7	1	-	4	2	1	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	1
	Chalinolobus morio	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	4	4	3
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	1	-	-	-	2	1	-	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	2	1	1
	Myotis macropus	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	1	2	-
POSSIBLE	Austronomus australis	-	-	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	1	-
	Myotis macropus	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	-	-	-	-	-	5	8	2
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	1	4	2	1	5	20	10	5
	Chalinolobus gouldii / Scotorepens balstoni	-	1	-	-	5	1	2	1
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-	2	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	1
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	-	1	-	5	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	2	2	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	1	-
UNKNOWN	Unknown	7	8	1	-	8	5	7	4
	‘Noise’ files	232	1796	2270	64	17	2	1	99
TOTAL		**250**	**1816**	**2274**	**65**	**42**	**45**	**47**	**117**

		BMIRP5	BMIRP5	BMIRP5	BMIRP5	BMIRP5	BMIRP5	BMIRP5	BMIRP5	BMIRP5	BMIRP5	BMIRP5	BMIRP5	BMIRP5
		Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Summer 2018-19	Summer 2018-19
Confidence	**Identification**	**12/11/2018**	**13/11/2018**	**14/11/2018**	**15/11/2018**	**16/11/2018**	**17/11/2018**	**18/11/2018**	**19/11/2018**	**20/11/2018**	**21/11/2018**	**22/11/2018**	**22/01/2019**	**26/01/2019**
DEFINITE	Austronomus australis	2	1	7	-	2	-	-	2	6	4	-	44	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	-	-	-	4	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	1	1	-	-	-	-	1	-	-	-	5	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	1	-	-	1	-	1	-	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-	-
POSSIBLE	Austronomus australis	-	-	1	-	-	-	-	-	-	-	-	1	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	7	-	-	-	-	-	-	-	-	1	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	-	-	1	-	2	-	-	-	-	3	-	4	-
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	1	-	5	-	-	-	-	-	-	1	-	2	-
	Chalinolobus gouldii / Scotorepens balstoni	1	3	-	-	-	-	-	-	-	-	-	1	-
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	1	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	1	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-	-
UNKNOWN	Unknown	2	4	11	2	1	1	1	3	6	3	-	22	-
	‘Noise’ files	270	26	102	2611	516	3577	3518	1020	1040	684	3490	63	104
TOTAL		**277**	**36**	**135**	**2613**	**522**	**3578**	**3519**	**1027**	**1052**	**700**	**3490**	**143**	**104**

		BMIRP6	BMIRP6	BMIRP6	BMIRP6	BMIRP6	BMIRP6	BMIRP6	BMIRP6	BMIRP6	BMIRP6	BMIRP6	BMIRP6
		Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019
Confidence	**Identification**	**28/03/2019**	**29/03/2019**	**30/03/2019**	**31/03/2019**	**1/04/2019**	**5/04/2019**	**6/04/2019**	**7/04/2019**	**8/04/2019**	**9/04/2019**	**10/04/2019**	**11/04/2019**
DEFINITE	Austronomus australis	23	-	1	1	2	-	1	2	4	-	-	3
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	1	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	3	-	-	-	-	-	-	-	-	-	-	1
	Chalinolobus gouldii	-	-	-	-	-	-	-	1	1	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	2	2	-	-	-	-	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	1	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
POSSIBLE	Austronomus australis	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	1	-	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	1	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	4	-	-	-	2	-	1	2	-	-	4	-
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	5	5	-	1	2	-	2	2	2	1	3	-
	Chalinolobus gouldii / Scotorepens balstoni	-	-	-	-	-	-	-	-	2	1	-	-
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
UNKNOWN	Unknown	16	4	1	1	10	2	4	2	4	2	1	2
	‘Noise’ files	19	548	870	2	723	27	4	3	241	5	99	3
TOTAL		**73**	**559**	**872**	**5**	**740**	**29**	**12**	**12**	**255**	**10**	**107**	**9**

		BMIRP6	BMIRP6	BMIRP6	BMIRP6	BMIRP6	BMIRP6
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**14/02/2019**	**15/02/2019**	**16/02/2019**	**17/02/2019**	**18/02/2019**	**19/02/2019**
DEFINITE	Austronomus australis	6	54	25	10	32	28
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	2	-	-	1	1
	Chalinolobus gouldii	-	-	2	3	1	1
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	4	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	1
POSSIBLE	Austronomus australis	-	-	-	-	-	-
	Chalinolobus gouldii	1	-	-	-	-	1
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	2	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	12	20	-	1	8	1
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	16	18	13	7	6	7
	Chalinolobus gouldii / Scotorepens balstoni	5	3	6	4	7	4
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	1
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	1	-	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
UNKNOWN	Unknown	15	51	17	4	12	17
	‘Noise’ files	639	804	15	2	418	296
TOTAL		**699**	**954**	**78**	**31**	**485**	**358**

		BMIRP6	BMIRP6	BMIRP6	BMIRP6	BMIRP6	BMIRP6
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**20/02/2019**	**21/02/2019**	**22/02/2019**	**23/02/2019**	**24/02/2019**	**25/02/2019**
DEFINITE	Austronomus australis	60	66	44	36	12	11
	Chalinolobus gouldii	2	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	-	-	2	-	-
	Chalinolobus gouldii	1	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	1	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	2	-	-	-	-	-
POSSIBLE	Austronomus australis	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	1	1	1	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	2	5	1	-	2	4
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	34	10	15	-	2	7
	Chalinolobus gouldii / Scotorepens balstoni	12	1	1	-	3	2
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	1	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	1	-	-	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
UNKNOWN	Unknown	39	40	31	35	8	11
	‘Noise’ files	597	2886	1228	2589	1262	19
TOTAL		**752**	**3010**	**1321**	**2662**	**1289**	**54**

		BMIRP6	BMIRP6	BMIRP6	BMIRP6	BMIRP6	BMIRP6
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**26/02/2019**	**27/02/2019**	**28/02/2019**	**1/03/2019**	**2/03/2019**	**3/03/2019**
DEFINITE	Austronomus australis	-	13	28	68	9	18
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	2	2
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	-	1	8	2	4
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	1	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	1
POSSIBLE	Austronomus australis	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	2	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	1	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	2
	Chalinolobus gouldii / Mormopterus planiceps	2	7	1	9	4	2
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	5	7	14	26	15	16
	Chalinolobus gouldii / Scotorepens balstoni	2	1	6	4	5	13
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	1	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	1	-	-	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	1	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
UNKNOWN	Unknown	7	9	13	62	28	21
	‘Noise’ files	1530	156	13	189	57	19
TOTAL		**1549**	**194**	**78**	**366**	**123**	**98**

		BMIRP6	BMIRP6	BMIRP6	BMIRP6	BMIRP6	BMIRP6
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**4/03/2019**	**5/03/2019**	**6/03/2019**	**7/03/2019**	**8/03/2019**	**9/03/2019**
DEFINITE	Austronomus australis	15	34	6	11	72	41
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	4	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	7	3	2	2	7	-
	Chalinolobus gouldii	-	-	-	-	-	1
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	1	1	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	1
POSSIBLE	Austronomus australis	-	-	-	-	1	-
	Chalinolobus gouldii	-	-	-	1	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	7	-	-	1	1
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	1	-	-	-	3	3
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	-	7	3	16	2	-
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	5	13	11	17	7	9
	Chalinolobus gouldii / Scotorepens balstoni	4	6	1	5	7	8
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
UNKNOWN	Unknown	14	46	12	22	49	30
	‘Noise’ files	451	778	429	418	54	446
TOTAL		**497**	**894**	**465**	**493**	**207**	**540**

		BMIRP6	BMIRP6	BMIRP6	BMIRP6	BMIRP6	BMIRP6
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**10/03/2019**	**11/03/2019**	**12/03/2019**	**13/03/2019**	**14/03/2019**	**15/03/2019**
DEFINITE	Austronomus australis	18	9	13	31	10	15
	Chalinolobus gouldii	-	-	-	-	2	-
	Chalinolobus morio	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	2	-	2	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	1	-	6	2	3	2
	Chalinolobus gouldii	-	-	-	-	3	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	9	1	1	2	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
POSSIBLE	Austronomus australis	-	-	1	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	8	1	2	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	6	3	3	22	4	-
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	11	1	13	20	10	3
	Chalinolobus gouldii / Scotorepens balstoni	-	3	2	4	7	-
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	1	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	2	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	2	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
UNKNOWN	Unknown	30	4	14	30	17	17
	‘Noise’ files	287	12	46	1270	775	3139
TOTAL		**364**	**38**	**109**	**1382**	**833**	**3176**

		BMIRP6	BMIRP6	BMIRP6	BMIRP6	BMIRP6	BMIRP6
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**16/03/2019**	**17/03/2019**	**18/03/2019**	**19/03/2019**	**20/03/2019**	**21/03/2019**
DEFINITE	Austronomus australis	8	38	57	23	5	4
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	2	6	1	3	-	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	2	-	-	-	1
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	1	-	-	-
POSSIBLE	Austronomus australis	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	4	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	-	1	14	6	-	6
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	2	4	-	4	1	7
	Chalinolobus gouldii / Scotorepens balstoni	-	-	2	1	1	4
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
UNKNOWN	Unknown	10	30	29	10	11	8
	‘Noise’ files	3204	132	229	296	895	1886
TOTAL		**3226**	**217**	**333**	**343**	**913**	**1916**

		BMIRP6	BMIRP6	BMIRP6	BMIRP6	BMIRP6	BMIRP6	BMIRP6
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Spring 2018
Confidence	**Identification**	**22/03/2019**	**23/03/2019**	**24/03/2019**	**25/03/2019**	**26/03/2019**	**27/03/2019**	**9/11/2018**
DEFINITE	Austronomus australis	7	38	31	8	1	3	3
	Chalinolobus gouldii	-	-	-	-	1	-	-
	Chalinolobus morio	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	28
	Saccolaimus flaviventris	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	1	5	1	-	-	-	1
	Chalinolobus gouldii	-	-	-	-	-	-	1
	Chalinolobus morio	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	12
	Myotis macropus	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-
POSSIBLE	Austronomus australis	-	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	1
	Myotis macropus	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	1	5	-	-	-	4	1
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	1	13	6	4	-	15	33
	Chalinolobus gouldii / Scotorepens balstoni	-	-	7	-	-	4	3
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	1
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	-	-	-	3
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	2
UNKNOWN	Unknown	2	19	24	4	1	16	14
	‘Noise’ files	19	30	454	97	675	963	7
TOTAL		**31**	**110**	**523**	**113**	**678**	**1005**	**110**

		BMIRP6	BMIRP6	BMIRP6	BMIRP6	BMIRP6	BMIRP6	BMIRP6	BMIRP6	BMIRP6	BMIRP6	BMIRP6	BMIRP6
		Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018
Confidence	**Identification**	**10/11/2018**	**11/11/2018**	**12/11/2018**	**13/11/2018**	**14/11/2018**	**15/11/2018**	**16/11/2018**	**17/11/2018**	**18/11/2018**	**19/11/2018**	**20/11/2018**	**21/11/2018**	**22/11/2018**
DEFINITE	Austronomus australis	4	1	19	28	109	2	12	9	2	5	68	24	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	6	2	2	11	1	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	-	-	1	6	-	1	1	-	-	4	1	-
	Chalinolobus gouldii	-	-	-	-	-	1	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	3	4	-	13	2	-	1	-	-	-	-	2	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	1	-	-	-	-	-	-	-	-	-	-	-	-
POSSIBLE	Austronomus australis	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	1	1	-	-	-	-	-	-	-	-	-	1	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	1	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	10	9	8	8	5	-	2	-	-	3	7	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	2	3	-	2	14	-	4	-	-	-	2	-	-
	Chalinolobus gouldii / Scotorepens balstoni	1	-	-	-	2	-	-	-	-	-	-	-	-
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	1	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	4	-	-	-	1	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	2	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	3	6	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	15	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	4	2	-	-	1	-	-	-	-	-	-	-	-
UNKNOWN	Unknown	6	4	10	33	58	2	11	4	1	-	32	23	-
	‘Noise’ files	3	3	6	31	53	49	10	95	98	5	348	241	2954
TOTAL		**65**	**35**	**45**	**128**	**252**	**54**	**41**	**109**	**101**	**13**	**461**	**293**	**2954**

		BMIRP6	BMIRP6	BMIRP6	BMIRP6	BMIRP3	BMIRP3	BMIRP3	BMIRP3	BMIRP3	BMIRP3	BMIRP3
		Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019
Confidence	**Identification**	**22/01/2019**	**23/01/2019**	**24/01/2019**	**25/01/2019**	**28/03/2019**	**29/03/2019**	**2/04/2019**	**3/04/2019**	**4/04/2019**	**5/04/2019**	**6/04/2019**
DEFINITE	Austronomus australis	23	16	15	13	5	-	3	3	3	1	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	5	-	-	-	-	-	-	1	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	3	-	-	2	3	-	1	-	-	-	1
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	1	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	2	-	2	-	-	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	2	-	-	-	-	-	-	-	-
POSSIBLE	Austronomus australis	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	1	2	-	-	3	2	4	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	3	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	1	1	16	12	-	-	1	-	35	-	8
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	3	2	8	1	4	1	4	13	3	1	2
	Chalinolobus gouldii / Scotorepens balstoni	2	-	1	3	1	-	1	1	-	-	-
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	1
	Vespadelus regulus / Vespadelus vulturnus	-	-	1	-	-	-	-	-	-	-	-
UNKNOWN	Unknown	13	11	7	7	8	14	3	5	22	2	6
	'Noise' files	43	2235	10	95	139	627	1134	347	705	590	45
TOTAL		**95**	**2265**	**63**	**135**	**160**	**642**	**1151**	**372**	**775**	**594**	**63**

		BMIRP3	BMIRP3	BMIRP3	BMIRP3	BMIRP3	BMIRP3	BMIRP3	BMIRP3	BMIRP3
		Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Autumn 2019	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**7/04/2019**	**8/04/2019**	**9/04/2019**	**10/04/2019**	**11/04/2019**	**14/02/2019**	**15/02/2019**	**16/02/2019**	**17/02/2019**
DEFINITE	Austronomus australis	3	-	-	3	-	20	58	43	13
	Chalinolobus gouldii	-	-	-	-	-	1	-	1	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	-	-	1	-	3	7	7	-
	Chalinolobus gouldii	-	-	-	1	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	2	-	1	18	2	-	3
	Myotis macropus	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	2	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-
POSSIBLE	Austronomus australis	-	1	-	-	-	1	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	4	1	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	-	-	-	4	1	90	11	2	6
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	-	1	8	4	2	47	85	26	5
	Chalinolobus gouldii / Scotorepens balstoni	-	-	4	-	-	9	11	10	1
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	1	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	1	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-	-	1
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	2	-	-	1
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	1	-	7	1	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	1	1	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-
UNKNOWN	Unknown	1	5	4	3	9	72	86	29	3
	‘Noise’ files	1091	2568	304	103	59	1971	2181	326	1155
TOTAL		**1095**	**2575**	**322**	**120**	**72**	**2249**	**2445**	**444**	**1188**

		BMIRP3	BMIRP3	BMIRP3	BMIRP3	BMIRP3	BMIRP3
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**18/02/2019**	**21/02/2019**	**22/02/2019**	**23/02/2019**	**24/02/2019**	**25/02/2019**
DEFINITE	Austronomus australis	-	-	-	-	-	1
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
POSSIBLE	Austronomus australis	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	1
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	-	1	-	-	-	-
	Chalinolobus gouldii / Scotorepens balstoni	1	2	1	-	-	-
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
UNKNOWN	Unknown	-	-	-	-	-	-
	‘Noise’ files	18	36	5	308	13	-
TOTAL		**19**	**39**	**6**	**308**	**13**	**2**

		BMIRP3	BMIRP3	BMIRP3	BMIRP3	BMIRP3	BMIRP3
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**26/02/2019**	**27/02/2019**	**28/02/2019**	**1/03/2019**	**3/03/2019**	**5/03/2019**
DEFINITE	Austronomus australis	-	-	-	3	-	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
POSSIBLE	Austronomus australis	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	-	2	2	-	1	-
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	-	-	-	-	-	-
	Chalinolobus gouldii / Scotorepens balstoni	1	-	-	3	-	-
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
UNKNOWN	Unknown	-	-	-	-	1	-
	‘Noise’ files	-	-	-	-	-	147
TOTAL		**1**	**2**	**2**	**6**	**2**	**147**

		BMIRP3	BMIRP3	BMIRP3	BMIRP3	BMIRP3	BMIRP3
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**6/03/2019**	**7/03/2019**	**8/03/2019**	**9/03/2019**	**10/03/2019**	**11/03/2019**
DEFINITE	Austronomus australis	-	1	186	147	111	57
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	3	-
	Saccolaimus flaviventris	-	-	-	-	-	1
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	-	-	22	21	22	5
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	1	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	4	4	6	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	1	-	-
POSSIBLE	Austronomus australis	-	-	2	3	1	1
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	2	-	3	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	-	-	13	11	14	1
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	-	-	73	46	99	19
	Chalinolobus gouldii / Scotorepens balstoni	1	1	10	5	18	4
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	1	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	2	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	4	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	1	3	2	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	1	-	-
UNKNOWN	Unknown	-	-	210	144	131	41
	‘Noise’ files	-	-	344	230	803	141
TOTAL		**1**	**2**	**867**	**624**	**1213**	**270**

		BMIRP3	BMIRP3	BMIRP3	BMIRP3	BMIRP3	BMIRP3
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**12/03/2019**	**13/03/2019**	**14/03/2019**	**15/03/2019**	**16/03/2019**	**17/03/2019**
DEFINITE	Austronomus australis	51	44	46	48	41	113
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	1	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	8	9	9	1	7	9
	Chalinolobus gouldii	-	1	1	-	1	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	1	1	1	1	-	2
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	1	-	-	-
POSSIBLE	Austronomus australis	-	1	1	7	-	3
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	-	4	-	1	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	1	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	1	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	2	-	2	-	3
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	5	20	12	30	5	7
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	61	58	43	39	24	32
	Chalinolobus gouldii / Scotorepens balstoni	11	6	12	1	3	10
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	1	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	2	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	3	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	1	6	1	1	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	1	-	-	-
UNKNOWN	Unknown	56	80	47	77	40	68
	‘Noise’ files	349	1185	473	3435	3440	616
TOTAL		**542**	**1408**	**664**	**3643**	**3563**	**863**

		BMIRP3	BMIRP3	BMIRP3	BMIRP3	BMIRP3	BMIRP3
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)
Confidence	**Identification**	**18/03/2019**	**19/03/2019**	**20/03/2019**	**21/03/2019**	**22/03/2019**	**23/03/2019**
DEFINITE	Austronomus australis	48	28	17	28	14	11
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
PROBABLE	Austronomus australis	7	2	5	3	2	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	-	3	-	4	-	4
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
POSSIBLE	Austronomus australis	-	1	-	1	-	-
	Chalinolobus gouldii	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-
	Mormopterus planiceps	1	1	-	4	-	-
	Myotis macropus	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	5	2	4	-	1
	Chalinolobus gouldii / Mormopterus petersi	1	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	24	13	16	96	-	2
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	15	13	13	16	7	4
	Chalinolobus gouldii / Scotorepens balstoni	2	4	2	2	-	-
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	2	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-
UNKNOWN	Unknown	49	37	25	85	3	7
	‘Noise’ files	526	88	853	1501	33	44
TOTAL		**673**	**195**	**933**	**1746**	**59**	**73**

		BMIRP3	BMIRP3	BMIRP3	BMIRP3	BMIRP3	BMIRP3	BMIRP3	BMIRP3	BMIRP3
		Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Long-term (Feb-Mar 2019)	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018
Confidence	**Identification**	**24/03/2019**	**25/03/2019**	**26/03/2019**	**27/03/2019**	**9/11/2018**	**10/11/2018**	**11/11/2018**	**12/11/2018**	**13/11/2018**
DEFINITE	Austronomus australis	7	-	-	6	4	2	-	-	15
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	1	-	-	1	-	1	1	-	1
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	24	-	7	-	7
	Myotis macropus	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	3	-
	Vespadelus vulturnus	-	-	-	-	1	8	2	-	-
POSSIBLE	Austronomus australis	-	-	-	-	-	-	1	-	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	10	1	3	-	-
	Myotis macropus	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	1	-	1	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	1	-	-	-	52	11	2	7	19
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	3	3	4
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	7	2	2	7	91	3	3	2	28
	Chalinolobus gouldii / Scotorepens balstoni	1	-	-	2	1	-	-	-	3
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	3	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	6	-	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	1	13	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	3	4	2	-	2
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	1	7	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	14	2	1	7	9
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	-	4	12	22	3	3	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	12	28	7	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	1	10	-	-	-
UNKNOWN	Unknown	8	4	-	14	46	28	9	10	27
	‘Noise’ files	1592	3216	274	254	74	23	1483	3364	1693
TOTAL		**1617**	**3222**	**276**	**288**	**347**	**173**	**1527**	**3400**	**1808**

		BMIRP3	BMIRP3	BMIRP3	BMIRP3	BMIRP3	BMIRP3	BMIRP3	BMIRP3	BMIRP3	BMIRP3	BMIRP3	BMIRP3
		Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Spring 2018	Summer 2018-19	Summer 2018-19	Summer 2018-19	Summer 2018-19
Confidence	**Identification**	**14/11/2018**	**15/11/2018**	**16/11/2018**	**17/11/2018**	**18/11/2018**	**19/11/2018**	**20/11/2018**	**21/11/2018**	**21/01/2019**	**22/01/2019**	**23/01/2019**	**24/01/2019**
DEFINITE	Austronomus australis	16	1	5	7	-	-	23	9	12	23	15	61
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	-	-	-	-	-	1
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
PROBABLE	Austronomus australis	2	-	-	1	-	-	8	3	1	1	4	6
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-	-	1
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	2	3	1	1	-	7
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	1
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
POSSIBLE	Austronomus australis	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio	-	-	-	-	-	-	-	-	-	-	-	-
	Falsistrellus tasmaniensis	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps	-	-	-	-	-	-	-	2	-	-	-	1
	Myotis macropus	-	-	-	-	-	-	-	-	-	-	-	-
	Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps	3	1	-	-	-	2	5	5	-	1	4	10
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	3	3	3	1	1	1	2	2	19	33	33	73
	Chalinolobus gouldii / Scotorepens balstoni	1	-	-	-	-	-	-	1	4	11	2	3
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	1
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	1
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-	-	-	-	-	-	-	-	-	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	2	-	-	-	-	-	-	-	1	-	-	1
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-	-	-	-	-	-	-	-	-	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	3	-	-	1	-	-	3	3	-	4	7	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-	-	-	-	-	-	-	-	-	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-	2	-	-	-	1	-	-	-	-	3
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-	1	-	-	-	-	-	-	-	-	1
	Vespadelus regulus / Vespadelus vulturnus	-	-	-	-	-	1	-	-	-	-	-	-
UNKNOWN	Unknown	14	7	3	11	1	2	22	13	28	23	43	47
	‘Noise’ files	1795	2342	245	1859	1650	1692	2375	2600	520	35	3546	163
TOTAL		**1839**	**2354**	**259**	**1880**	**1652**	**1698**	**2441**	**2641**	**586**	**132**	**3654**	**381**

		BMIRP3	BMIRP3
		Summer 2018-19	Summer 2018-19
Confidence	**Identification**	**25/01/2019**	**26/01/2019**
DEFINITE	Austronomus australis	2	-
	Chalinolobus gouldii	2	-
	Chalinolobus morio	-	-
	Miniopterus orianae oceanensis	-	-
	Mormopterus planiceps	-	-
	Saccolaimus flaviventris	-	-
	Vespadelus vulturnus	-	-
PROBABLE	Austronomus australis	2	-
	Chalinolobus gouldii	1	-
	Chalinolobus morio	-	-
	Falsistrellus tasmaniensis	-	-
	Mormopterus petersi	-	-
	Mormopterus planiceps	-	-
	Myotis macropus	-	-
	Saccolaimus flaviventris	-	-
	Scotorepens balstoni	-	-
	Vespadelus vulturnus	-	-
POSSIBLE	Austronomus australis	-	-
	Chalinolobus gouldii	-	-
	Chalinolobus morio	-	-
	Falsistrellus tasmaniensis	-	-
	Mormopterus petersi	-	-
	Mormopterus planiceps	1	-
	Myotis macropus	-	-
	Saccolaimus flaviventris	-	-
	Scotorepens balstoni	1	-
	Vespadelus darlingtoni	-	-
	Vespadelus vulturnus	-	-
SPECIES GROUPS	Austronomus australis / Saccolaimus flaviventris	-	-
	Chalinolobus gouldii / Mormopterus petersi	-	-
	Chalinolobus gouldii / Mormopterus planiceps	3	-
	Chalinolobus gouldii / Mormopterus planiceps / Saccolaimus flaviventris	-	-
	Chalinolobus gouldii / Mormopterus planiceps / Scotorepens balstoni	8	-
	Chalinolobus gouldii / Scotorepens balstoni	3	-
	Chalinolobus morio / Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-
	Chalinolobus morio / Vespadelus vulturnus	-	-
	Falsistrellus tasmaniensis / Mormopterus petersi	-	-
	Miniopterus orianae oceanensis / Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus	-	-
	Miniopterus orianae oceanensis / Vespadelus regulus / Vespadelus vulturnus	-	-
	Miniopterus orianae oceanensis / Vespadelus vulturnus	-	-
	Mormopterus petersi / Scotorepens balstoni	-	-
	Mormopterus planiceps / Saccolaimus flaviventris	3	-
	Myotis macropus / Nyctophilus geoffroyi / Nyctophilus gouldi	-	-
	Vespadelus darlingtoni / Vespadelus regulus	-	-
	Vespadelus darlingtoni / Vespadelus regulus / Vespadelus vulturnus	-	-
	Vespadelus regulus / Vespadelus vulturnus	-	-
UNKNOWN	Unknown	9	-
	'Noise' files	205	39
TOTAL		**240**	**39**

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