



Urban Tree Experts

BS5837 – Tree Surveys – Ecological Consulting

ECOLOGICAL SURVEY REPORT (BATS) AT 170 KIDMORE ROAD CAVERSHAM



**Prepared for:
Mr & Mrs D Young
170 Kidmore road
Caversham
Reading
RG4 7ND**

20th August 2018

Ref: SPH/ESR-01/20-08



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BBS5837 – Tree Surveys – Ecological Consulting

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CONTENTS

EXECUTIVE SUMMARY	3
1 Introduction	4
1.1 Instruction	4
1.2 Aims and Objectives	4
1.3 Proposed Works	4
1.4 Surveyor Background and Experience	4
2 Survey Methodology	5
2.1 Constructions/Limitations	5
2.2 Dusk and Dawn Return to Roost Surveys	5
3 Survey Findings	6
3.1 Dusk Survey and Dawn Return to Roost Surveys	6
4 Conclusions/Interpretation	7
5 Outline Ecological Watching Brief/Method Statement for Planning	8
6 References	9
7 Queries	9

Appendix 1

Appendix 2

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The validity of this report ceases at the prescribed time limit or after two years from the site inspection, or if the site conditions change due to unspecified works that affect the site whichever is the sooner.



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EXECUTIVE SUMMARY

Urban Tree Experts was commissioned by Mr & Mrs D Young to carry out a dusk emergence survey at 170 Kidmore Road, Caversham, Reading RG4 7ND. The activity surveys were undertaken at the property to provide further information on the presence and status of bats using the building. This is to support a forthcoming planning application to Reading Borough Council.

A search of the Berkshire & South Buckinghamshire bat group records confirmed 9 different species within the 2 kilometre search radius. A summary of these records is included at Appendix 1.

There is one statutory designated site within 2km of the proposed development (Magic Maps 2017) – Clayfield Copse Local Nature Reserve. A search of the Magic interactive website indicated that nine European Protected Species Licenses (EPSL) for bats were granted within 2km of the site. Three are still active - reference 2014-3600-EPS-MIT for a common pipistrelle bat roost, reference 20150141370EPS-MIT for common and soprano pipistrelle bat roosts and 2015-18560-EPS-MIT for soprano pipistrelle and brown long-eared (BLE) bat roosts.

We conducted a preliminary survey on the property on the 8th September 2017. Whilst there was no external evidence of bats, there were a number of minor gaps under the ridge tiles, verges and soffits which provide potential for roosting bats. Internally, a low number of individual bat droppings were recorded within the loft space, indicating that bats has (historically) used the building to roost. DNA testing by Warwick University revealed the droppings to be those of BLE bats, see Appendix 2.

In line with best practice guidelines, two further dusk emergence and one dawn return to roost surveys were recommended to assess the current status of roosting bats within the building, in order to inform appropriate mitigation for the future works.

The dusk emergence surveys were conducted on Sunday 27th May and Friday 8th July 2018 and the dawn return to roost survey was conducted on Tuesday 19th June 2018. No bats were seen to enter or emerge from the property during the surveys and the surveys were at a time of year when bat activity is highest.

The risk of injury to bats during the proposed work and the impact on bat populations is considered to be very low and therefore we do not consider an EPSL is necessary providing that an ecological watching brief is implemented by planning condition.

This report confirms the findings of the surveys, completed by an experienced licensed bat ecologist, in accordance with current best practice guidance where possible, and outlines any ecological constraints or issues with the proposed works.

An outline watching brief has been included to enable the Local Planning Authority to have regards to the requirements of the Habitats Directive... *"in the exercise of their functions in considering the planning application"*.



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1. Introduction

1.1 Instruction

Urban Tree Experts was commissioned by Mr & Mrs D Young to carry out two dusk emergence surveys and a dawn return to roost survey at 170 Kidmore Road, Caversham, Reading RG4 7ND.

1.2 Aims and Objectives

The dusk emergence and dawn return to roost surveys are designed to:

- Identify the presence/likely absence of bats using the building to roost.
- Estimate the size and status of any existing bat roost within the building.
- Establish where the bats are accessing the building.
- Determine the potential impacts on any bat roost from the proposed development.
- Determine if an EPSL is required.

The survey was carried out in accordance with Bat Surveys for Professional Ecologists: Good Practice Guidelines (3rd edition).

1.3 Proposed Works

The survey was commissioned in connection with a forthcoming planning application to Reading Borough Council, the details of which were unknown at the time of writing this report.

1.4 Surveyor Background and Experience

The survey was conducted by Bridget Parslow and Alison Holdsworth and the report was compiled by Simon Holmes CEnv, a Natural England licensed bat ecologist.

Simon Holmes CEnv. Simon holds Class 3 (CL19) and 4 Bat (CL20) Licenses (Nos. 17637 and 17638) and Science and Education license (SCI29096). He has 29 years' experience of carrying out bat surveys and bat conservation work.

Bridget Parslow has 30 years' experience of carrying out bat surveys, bat care and bat conservation work and has attended numerous training courses, she holds both RV and Survey licence numbers CLS 10324 and 10391 respectively.

Alison Holdsworth has been surveying bats for two years and has received training in surveying techniques, bat detector use, bat biology, bat care, bat identification, acoustic monitoring, echolocation analysis and netting.

2. Survey Methodology

2.1 Constraints/Limitations

An assessment of the building exterior was conducted on 27th May 2018 prior to the surveys being conducted and there were no constraints or limitations to the surveys. The weather conditions at the time were appropriate for bat activity surveys and bats were observed foraging and in transit during the surveys.



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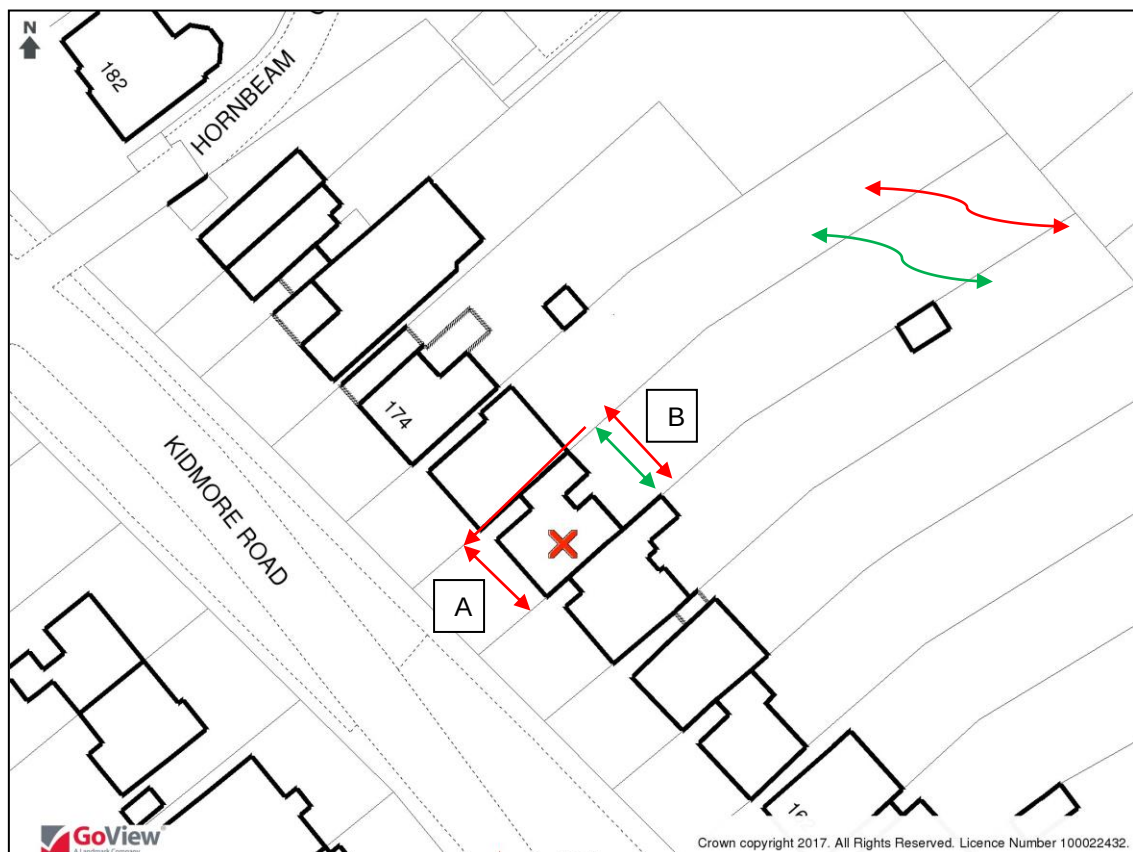
2.2 Dusk and Dawn Return to Roost Surveys

Two dusk emergence surveys were conducted on Sunday 27th May and Friday 8th July 2018 and one dawn return to roost survey was conducted on Tuesday 19th June 2018. The surveys were at a time of year when active bats are most likely to be present. Weather conditions were suitable for the bat surveys, being conducted during warm weather and when bats were likely to be active.

The surveyors were stationed around the building (as shown in Figure 1), to ensure the features identified in the preliminary bat report could be observed.

During the surveys bat activity was monitored using BatLogger M bat detectors together with a FLIR T1020 thermal camera and a Sony Handycam night shot video camera with high intensity IR lamp. The detectors and cameras were fitted with SD cards for recording bat activity, allowing for later analysis with Kaleidoscope Pro 3 software and VLC media player.

Figure 1 – 170 Kidmore Road, surveyor locations and commonly used bat flight paths.



During the surveys no bats were seen emerging from and/or returning to the building to roost. In total three different species were recorded and identified foraging and commuting around the site. A simple summary of the bats recorded can be seen in Table 3 on page 6, and the most frequently used flight paths of the common pipistrelles in red and soprano pipistrelles in green can be seen in Figure 1 above.



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3. Survey Findings

3.1 Dusk and Dawn Return to Roost Surveys

The weather conditions and surveyor details from the three surveys can be found in Table 2 below.

Table 2 – Surveyor details and weather conditions for bat activity survey conducted at 170 Kidmore Road.

Date:	27 th May 2018	19 th June 2018	8 th July 2018
Survey Type	Emergence survey	Dawn survey	Emergence survey
Surveyors and locations	(A) Bridget Parslow (B) Alison Holdsworth	(A) Alison Holdsworth (B) Bridget Parslow	(A) Alison Holdsworth (B) Bridget Parslow
Weather Conditions (Start)	Temperature 22.7°C, Cloud cover 80% Humidity 63.1% Dry Wind Beaufort 0-1	Temperature 18.7°C, Cloud cover 50% Humidity 77% Dry Wind Beaufort 1-2	Temperature 27°C, Cloud cover <5% Humidity 45.3% Dry Wind Beaufort 0
Sunset/Sunrise	21:05	04:46	21:21
Start time	20:45	03:00	21:00
Finish Time	23:00	05:00	23:00
Duration	2:15	2:00	2:00
Weather Conditions (Finish)	Temperature 17.3°C, Cloud cover 60% Humidity 84% Dry Wind 0-1	Temperature 16.6°C, Cloud cover 100% Humidity 87.3% Dry Wind 2	Temperature 22.1°C, Cloud cover <5% Humidity 69.8% Dry Wind 0

Table 3. Summary of bat calls recorded in the vicinity of 170 Kidmore Road.

Date	Surveyor Position	Time	Seen	Heard	Species	Comments
27/05/18	A	20.45 - 23.00	Y	Y	Common & soprano pipistrelle and noctule	The first Noctule call was heard at 21:18 (13 minutes after sunset), several further calls were heard during the evening, but the bat was not seen. The first common pipistrelle was heard at 21.33 (28 minutes after sunset), and thereafter common pipistrelle calls dominated the survey until the survey end. Only two soprano pipistrelle calls were heard during the survey.
Ditto	B	20.45 - 23.00	Y	Y	Common & soprano pipistrelle and noctule	Results were similar with those of the surveyor at the front of the house, a noctule call was heard at 21:18 and thereafter on a low number of occasions. Common pipistrelle calls were heard from 21.33 until the survey end, the bats were foraging behind the surveyor. The first bat seen (a common pipistrelle) was at 22.16 when it was in transit across the back of the house. A soprano pipistrelle was heard at 21.49 and thereafter was only heard on 2 other occasions.



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Table 3 continued:

Date	Surveyor Position	Time	Seen	Heard	Species	Comments
19/06/18	A	03.00 – 05.00	N	Y	Common pipistrelle and noctule	A common pipistrelle bat was first heard at 03.09 and thereafter was heard on many occasions foraging out of sight of the surveyor until survey 04.30. Whilst not heard by the surveyor, noctule calls were revealed on data analysis.
Ditto	B	03.00 – 05.00	N	Y	Common pipistrelle and noctule	A noctule was from at 03.19 and 04.14 but not seen. Only two common pipistrelle calls were heard, at 03.25 and 03.43. No bats were seen and despite optimum survey conditions a very low number of bat calls were recorded in the rear garden.
08/07/18	A	21.00 – 23.00	S	Y	Common & soprano pipistrelle and noctule	The first bat heard was a common pipistrelle at 21.53 (32 minutes after sunset). The first and only bat seen on the survey was a soprano pipistrelle at 22.18 in transit from to the rear of the property. The noctule was heard only once at 22.26. Both common and soprano pipistrelle bats were heard in transit and foraging until survey end.
Ditto	B	21.00 – 23.00	S	Y	Common & soprano pipistrelle	As with the surveyor at the front of the property, the first bat – a common pipistrelle – was seen and heard at 21.53 (32 minutes after sunset) in transit across the back of the property. The first soprano pipistrelle was heard at 22.21 and thereafter soprano pipistrelle activity dominated until survey end.

4. Conclusions/Interpretation

- 4.1 A review of the available data indicates that 170 Kidmore Road is a historical day/summer roost for a low number of bats (<5) and has not been in use this season (2018). This does not mean that the bats will not return as they are known to be transient.
- 4.2 The calls detected and recorded from the surveys provide positive identification of common pipistrelle, *Pipistrellus pipistrellus*, soprano pipistrelle, *Pipistrellus pygmaeus*, and Noctule, *Nyctalus noctule*, foraging and/or transiting across the site. The longest and most frequent calls were from the common pipistrelle bats.
- 4.3 The property provides some crevice like features suitable for roosting bats and the surrounding area provides limited habitat for bats in which to forage and roost. The surveyor observations and recorded calls are corroborated in the results of the local bat group record search.
- 4.4 No bats were seen emerging from or returning to the property to roost. The first bat calls on the first emergence survey were from a common pipistrelle and were 13 minutes after sunset, indicating that it is roosting locally and may have travelled a short distance to the site. The overall activity level on the survey was low and this, in our opinion, is due largely to the urban neighbourhood, artificial lighting, limited foraging and roosting opportunities for bats.



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- 4.5 The bat calls and field observations provide a high level of confidence in support of the opinions as set out in this report. Bat activity was dominated by common pipistrelles, with a limited number of calls and visual observations indicating a low number of bats, <5. The very small number of soprano pipistrelle calls were considered to be from one or two individuals foraging locally. With the good foraging conditions this season (2018) the bat activity encountered during the survey is considered low.
- 4.6 The proposed work will lead to the loss of a historical day/summer roost and a minor negative impact will result at a local level. The cumulative evidence leads me to conclude that an EPSL is not required provided that suitable planning conditions are imposed that include an ecological watching brief and the site monitoring in conjunction with a method statement are included to enable the Local Planning Authority to have regards to the requirements of the Habitats Directive... *in the exercise of their functions in considering the planning application.*
- 4.7 All bats and their roosts are protected under the Conservation of Habitats and Species Regulations 2017, and the Wildlife and Countryside Act 1981 (as amended). The provisions in the ecological watching brief must be implemented in order for the works to be legally undertaken and must form part of any planning conditions.

5. Outline Ecological Watching Brief/Method Statement for Planning

- 5.1 This watching brief aims to address:
- Timing and methods of activities
 - Deconstruction of the roof and/or dormer window
- 5.2 An ecological clerk of works must be engaged prior to commencement. The ecological watching brief must be undertaken to provide project supervision to ensure that best practice and compliance with this watching brief is adhered to. If there is a delay of greater than two years from the date of this report, further survey effort will be required. Bats are highly mobile wild animals and may be encountered within a building following negative survey results.
- 5.3 A walkover survey of the site and internal inspection must be conducted to search for any new signs of bats prior to work commencing. If new evidence indicates that bats have returned or are present then a derogation licence will be required from Natural England.
- 5.4 Timing and methods of activity: All contractors must receive a 'Toolbox' talk prior to the commencement of work, it must outline the report findings, the status of the building, the legal status of bats and what to do if bats are encountered.
- 5.5 Stripping the roof tiles or cladding from the dormer must be conducted either during September or October 2018 or work postponed until April 2019. If work cannot be conducted during these periods the ecological clerk of works must be contacted for advice and given ample time to respond. There is no requirement for artificial bat roosts subject to the high risk works (removal of tiles/deconstruction of the roof) being directly supervised by the ecological clerk of work who must be a licensed ecologist and shall follow a 'soft-strip' method.



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- 5.6 Tile and cladding removal will involve hand removal of material along the main ridge and hip ridges, around the chimney and along the eaves exposing potential roosting areas beneath. The work should progress from the ridge to wall plate and must be supervised at all times by the licenced ecologist (ecological clerk of works).
- 5.7 Stripping tiles must only be conducted when the air temperature is sufficiently high (at least 8°C) so as to not risk harming bats which may be found. If bats are located during any aspect of the building work all work must stop and the ecological clerk of works must be contacted immediately for advice.

6. References

Bat Surveys for Professional Ecologists: Good Practice Guidelines (3rd edition).

Bat Workers Manual – Mitchell-Jones & McLeish 2004.

Bat Mitigation Guidelines – Natural England 2006.

The Conservation and Habitat Regulations – 2017.

7. Queries

Any queries regarding this report should be addressed, in the first instance, to Urban Tree Experts:

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APPENDIX 2



Client for whom search carried out: Urban Tree Experts
Client Purchase Order Number: N/A – regular customer
Client Reference: 170 Kidmore Road RG4 7ND

Person requesting search: Katie Holmes
Date of search: 14/06/2018

Search of Group Bat Records 2km radius centred on SU 70641 76160 (BSBBG Reference 755UTE)

I have found the following records within your requested search area:

Grid reference	Species	Location	Date / Year	Additional information	Numbers if known	Km from centre
SU694755	Pipistrellus pipistrellus	RG7 4DX, Reading	21 Jul 2015	Roost visit		1.3
SU6961975312	Myotis nattereri	Warren Court Upper Warren Ave Caversham RG4 7EB	19 Jul 2017	Calls identified by sonogram analysis		1.3
SU6961975312	Pipistrellus pygmaeus	Warren Court Upper Warren Ave Caversham RG4 7EB	19 Jul 2017	Aural bat detector		1.3
SU6961975312	Pipistrellus pipistrellus	Warren Court Upper Warren Ave Caversham RG4 7EB	19 Jul 2017	Aural bat detector		1.3
SU6961975312	Plecotus auritus	Warren Court Upper Warren Ave Caversham RG4 7EB	19 Jul 2017	Calls identified by sonogram analysis		1.3
SU6961975312	Chiroptera	Warren Court Upper Warren Ave Caversham RG4 7EB	19 Jul 2017	Seen to emerge(not calling) from eaves @ the east end of the main house - Visual observation		1.3
SU6961975312	Nyctalus noctula	Warren Court Upper Warren Ave Caversham RG4 7EB	19 Jul 2017	Aural bat detector		1.3
SU6961975312	Pipistrellus pygmaeus	Warren Court Upper Warren Ave Caversham RG4 7EB	03 Jul 2017	Considerable activity was heard throughout survey - Aural bat detector		1.3
SU6961975312	Nyctalus noctula	Warren Court Upper Warren Ave Caversham RG4 7EB	03 Jul 2017	Aural bat detector		1.3
SU6961975312	Pipistrellus pygmaeus	Warren Court Upper Warren Ave Caversham RG4 7EB	03 Jul 2017	Entering to the left of the central gable end window - Visual & Aural Bat Detector		1.3
SU6961975312	Pipistrellus pipistrellus	Warren Court Upper Warren Ave Caversham RG4 7EB	03 Jul 2017	Considerable activity was heard throughout survey - Aural bat detector		1.3
SU6961975312	Pipistrellus pipistrellus	Warren Court Upper Warren Ave Caversham RG4 7EB	13 Jun 2017	Foraging across the front of house - Visual & Aural Bat Detector		1.3
SU6961975312	Pipistrellus pygmaeus	Warren Court Upper Warren Ave Caversham RG4 7EB	13 Jun 2017	Emerged from eaves adjacement to the chimney @western end of house - Visual & Aural Bat Detector		1.3
SU6961975312	Pipistrellus pygmaeus	Warren Court Upper Warren Ave Caversham RG4 7EB	13 Jun 2017	Emerging from right hand side of middle gable roof verge - Visual & Aural Bat Detector	2	1.3
SU6961975312	Pipistrellus pygmaeus	Warren Court Upper Warren Ave Caversham RG4 7EB	13 Jun 2017	Activity throughout survey - Aural bat detector		1.3
SU6961975312	Nyctalus noctula	Warren Court Upper Warren Ave Caversham RG4 7EB	13 Jun 2017	Passed over property from river heading northward - Aural bat detector		1.3
SU6961975312	Pipistrellus pipistrellus	Warren Court Upper Warren Ave Caversham RG4 7EB	13 Jun 2017	Social calls from 21:20 - Aural bat detector		1.3
SU6971875916	Pipistrellus pygmaeus	Marsden Blagrove Lane Caversham Reading RG4 7DZ	04 Jun 2017	Foraging around mature trees in garden - Visual observation and Aural bat detector	1	1.0
SU6971875916	Myotis sp.	Marsden Blagrove Lane Caversham Reading RG4 7DZ	04 Jun 2017	Heard but not seen - Aural bat detector		1.0
SU6971875916	Pipistrellus pipistrellus	Marsden Blagrove Lane Caversham Reading RG4 7DZ	04 Jun 2017	In transit across the right hand side roof of the house. - Visual observation and Aural bat detector	1	1.0

SU6971875916	Pipistrellus pipistrellus	Marsden Blagrove Lane Caversham Reading RG4 7DZ	04 Jun 2017	Sporadic activity throughout survey. - Aural bat detector		1.0
SU6971875916	Pipistrellus pipistrellus	Marsden Blagrove Lane Caversham Reading RG4 7DZ	24 May 2017	Constant feeding and transit activity - Visual observation and Aural bat detector		1.0
SU6971875916	Pipistrellus pygmaeus	Marsden Blagrove Lane Caversham Reading RG4 7DZ	24 May 2017	Foraging around mature trees in garden - Visual observation and Aural bat detector		1.0
SU6971875916	Pipistrellus pipistrellus	Marsden Blagrove Lane Caversham Reading RG4 7DZ	24 May 2017	Seen foraging in the road at the front of the property - Visual observation and Aural bat detector	1	1.0
SU6971875916	Nyctalus noctula	Marsden Blagrove Lane Caversham Reading RG4 7DZ	24 May 2017	Heard in transit - Visual observation and Aural bat detector		1.0
SU6971875916	Pipistrellus pygmaeus	Marsden Blagrove Lane Caversham Reading RG4 7DZ	04 May 2017	Foraging around mature trees in garden - Visual observation and Aural bat detector		1.0
SU6971875916	Pipistrellus pipistrellus	Marsden Blagrove Lane Caversham Reading RG4 7DZ	04 May 2017	Foraging around mature trees in garden - Visual observation and Aural bat detector		1.0
SU6972475988	Plecotus sp.	Upper Woodcote Road, Caversham	22 May 2014	Aural bat detector - In flight		0.9
SU6972475988	Nyctalus noctula	Upper Woodcote Road, Caversham	22 May 2014	Aural bat detector - In flight		0.9
SU6972475988	Pipistrellus pygmaeus	Upper Woodcote Road, Caversham	22 May 2014	Aural bat detector - In flight		0.9
SU6972475988	Pipistrellus pipistrellus	Upper Woodcote Road, Caversham	22 May 2014	Non-breeding roost. 1 emergence observed		0.9
SU6972475988	Nyctalus noctula	Upper Woodcote Road, Caversham	30 Apr 2014	Aural bat detector - In flight		0.9
SU6972475988	Pipistrellus sp.	Upper Woodcote Road, Caversham	30 Apr 2014	Non-breeding roost. 1 emergence observed - Aural bat detector		0.9
SU6972475988	Plecotus sp.	Upper Woodcote Road, Caversham	30 Apr 2014	Aural bat detector - In flight		0.9
SU6972475988	Pipistrellus pygmaeus	Upper Woodcote Road, Caversham	30 Apr 2014	Aural bat detector - In flight		0.9
SU6989975947	Plecotus sp.	Upper Woodcote Road, Reading	30 Apr 2014	2 droppings found in hipped section of a roof		0.8
SU6991975208	Pipistrellus pipistrellus	Upper Warren Avenue, Caversham RG4 7ED	20 Oct 2015	Injured Bat Record	1	1.2
SU6996876612	Plecotus sp.	33 Shepherds Lane, Caversham	04 Sep 2017	Occasional day roost used by an individual long-eared bat - 9 droppings in roof space		0.8
SU6998377906	Pipistrellus pygmaeus	Good Acres Tokers Green Lane Tokers Green Caversham RG4 9EB	27 Sep 2016	Seen foraging along boundary hedge - Visual observation and Aural bat detector		1.9
SU6998377906	Nyctalus noctula	Good Acres Tokers Green Lane Tokers Green Caversham RG4 9EB	27 Sep 2016	Seen high above and around site - Visual observation and Aural bat detector		1.9
SU6998377906	Plecotus auritus	Good Acres Tokers Green Lane Tokers Green Caversham RG4 9EB	27 Sep 2016	Aural bat detector - heard not seen		1.9
SU6998377906	Myotis sp.	Good Acres Tokers Green Lane Tokers Green Caversham RG4 9EB	27 Sep 2016	Aural bat detector - foraging		1.9
SU6998377906	Pipistrellus pipistrellus	Good Acres Tokers Green Lane Tokers Green Caversham RG4 9EB	27 Sep 2016	Seen foraging along boundary hedge - Visual observation and Aural bat detector		1.9
SU6998377906	Pipistrellus pygmaeus	Good Acres Tokers Green Lane Tokers Green Caversham RG4 9EB	15 Sep 2016	Foraging - Visual observation and Aural bat detector		1.9
SU6998377906	Pipistrellus pipistrellus	Good Acres Tokers Green Lane Tokers Green Caversham RG4 9EB	15 Sep 2016	Foraging - Visual observation and Aural bat detector		1.9
SU6998377906	Nyctalus noctula	Good Acres Tokers Green Lane Tokers Green Caversham RG4 9EB	15 Sep 2016	Aural bat detector - heard not seen		1.9
SU6998377906	Pipistrellus pipistrellus	Good Acres Tokers Green Lane Tokers Green Caversham RG4 9EB	04 Sep 2016	Seen across roof towards trees - Visual observation and Aural bat detector		1.9
SU6998377906	Pipistrellus pygmaeus	Good Acres Tokers Green Lane Tokers Green Caversham RG4 9EB	04 Sep 2016	Aural bat detector - foraging		1.9
SU6998377906	Nyctalus noctula	Good Acres Tokers Green Lane Tokers Green Caversham RG4 9EB	04 Sep 2016	Aural bat detector - heard in transit		1.9
SU6998377906	Myotis sp.	Good Acres Tokers Green Lane Tokers Green Caversham RG4 9EB	04 Sep 2016	Aural bat detector - regularly recorded		1.9
SU700754	Plecotus sp.	Chazey Road, Caversham	12 Dec 2013	Non-breeding roost - Droppings found	1	0.9
SU700754	Plecotus auritus	Chazey Road, Caversham	23 Mar 2009	c.30-40 droppings		0.9
SU700755	Pipistrellus pipistrellus	Mapledurham Playing Field	18 May 2012	Aural bat detector - Sighting during bat walk	3	0.8
SU700759	Plecotus auritus	Unknown	26 Jul 2005	Rescued	1	0.6
SU7056075633	Nyctalus noctula	13 Buxton Avenue, Caversham	17 May 2016	Aural bat detector - In flight		0.5
SU7056075633	Pipistrellus pipistrellus	13 Buxton Avenue, Caversham	17 May 2016	Aural bat detector - In flight		0.5
SU7056075633	Pipistrellus pygmaeus	13 Buxton Avenue, Caversham	17 May 2016	Aural bat detector - In flight		0.5
SU7056075633	Pipistrellus sp.	13 Buxton Avenue, Caversham	26 Oct 2015	Ten small-sized droppings scattered in the roof space		0.5
SU7058175218	Pipistrellus pygmaeus	Woodcote Avenue, Caversham	25 Sep 2014	Aural bat detector - In flight		0.9
SU7058175218	Pipistrellus pipistrellus	Woodcote Avenue, Caversham	25 Sep 2014	Aural bat detector - In flight		0.9
SU7058175218	Pipistrellus pygmaeus	Woodcote Avenue, Caversham	25 Sep 2014	Three emergences observed - Aural bat detector		0.9
SU7058175218	Nyctalus noctula	Woodcote Avenue, Caversham	25 Sep 2014	Aural bat detector - In flight		0.9

SU7058175218	Pipistrellus pipistrellus	Woodcote Avenue, Caversham	09 Sep 2014	Aural bat detector - In flight		0.9
SU7058175218	Pipistrellus pygmaeus	Woodcote Avenue, Caversham	09 Sep 2014	Aural bat detector - In flight		0.9
SU7058175218	Pipistrellus pygmaeus	Woodcote Avenue, Caversham	25 Aug 2014	Five emergences, four from the chimney and one from the ridge - Aural bat detector		0.9
SU7058175218	Pipistrellus pygmaeus	Woodcote Avenue, Caversham	25 Aug 2014	Aural bat detector - In flight		0.9
SU7058175218	Nyctalus noctula	Woodcote Avenue, Caversham	25 Aug 2014	Aural bat detector - In flight		0.9
SU7058175218	Pipistrellus pipistrellus	Woodcote Avenue, Caversham	25 Aug 2014	Aural bat detector - In flight		0.9
SU7062275389	Eptesicus serotinus	11 Darell Road Caversham Reading RG4 7AY	31 Aug 2017	Aural bat detector		0.8
SU7062275389	Pipistrellus pygmaeus	11 Darell Road Caversham Reading RG4 7AY	31 Aug 2017	Foraging around garden and mature trees at the front of the property throughout survey.		0.8
SU7062275389	Pipistrellus pipistrellus	11 Darell Road Caversham Reading RG4 7AY	31 Aug 2017	Foraging around garden throughout survey. - Visual observation and Aural bat detector		0.8
SU7062275389	Plecotus auritus	11 Darell Road Caversham Reading RG4 7AY	31 Aug 2017	Aural bat detector - although not heard by surveyors analysis of recording confirmed present		0.8
SU7062275389	Nyctalus noctula	11 Darell Road Caversham Reading RG4 7AY	31 Aug 2017	Aural bat detector		0.8
SU7062275389	Nyctalus noctula	11 Darell Road Caversham Reading RG4 7AY	02 Jul 2015	In transit & frequent passes foraging - Aural bat detector		0.8
SU7062275389	Pipistrellus pipistrellus	11 Darell Road Caversham Reading RG4 7AY	02 Jul 2015	Seen flying between house & neighbour foraging - Visual observation and Aural bat detector	1	0.8
SU7062275389	Pipistrellus pygmaeus	11 Darell Road Caversham Reading RG4 7AY	02 Jul 2015	Seen flying between house & neighbour foraging - Visual observation and Aural bat detector	1	0.8
SU706752	Plecotus auritus	Woodcote Road, Caversham	25 Nov 2013	One at the ridge but no droppings present	1	0.9
SU7075775927	Pipistrellus pygmaeus	79 Kidmore Road, Caversham	31 Jul 2017	Day roost - Two bats emerged from western side of the house - Aural bat detector		0.3
SU7075775927	Pipistrellus pipistrellus	79 Kidmore Road, Caversham	31 Jul 2017	Day roost - One bat emerged from western side of the house - Aural bat detector		0.3
SU7075775927	Nyctalus leisleri	79 Kidmore Road, Caversham	31 Jul 2017	Aural bat detector - In flight		0.3
SU7075775927	Pipistrellus nathusii	79 Kidmore Road, Caversham	21 Jul 2017	Aural bat detector - In flight		0.3
SU7077178101	Plecotus auritus	Kidmore end	Jul 2015	Aural bat detector		1.9
SU7077178101	Pipistrellus pipistrellus	Kidmore end	Jul 2015	Aural bat detector		1.9
SU7077178101	Pipistrellus pygmaeus	Kidmore end	Jul 2015	Aural bat detector		1.9
SU7077178101	Nyctalus noctula	Kidmore end	Jul 2015	Aural bat detector		1.9
SU7077178101	Myotis sp.	Kidmore end	Jul 2015	Aural bat detector		1.9
SU7077178102	Pipistrellus pipistrellus	Kidmore end	Aug 2015	Aural bat detector		1.9
SU7077178103	Pipistrellus pygmaeus	Kidmore end	Aug 2015	Aural bat detector		1.9
SU7077178104	Pipistrellus sp.	Kidmore end	Aug 2015	Aural bat detector		1.9
SU7077178105	Myotis sp.	Kidmore end	Aug 2015	Aural bat detector		2.0
SU7077178106	Eptesicus serotinus	Kidmore end	Aug 2015	Aural bat detector		2.0
SU7077178107	Plecotus auritus	Kidmore end	Aug 2015	Aural bat detector		2.0
SU7077178107	Nyctalus noctula	Kidmore end	Aug 2015	Aural bat detector		2.0
SU7077178108	Plecotus auritus	Kidmore end	05 Sep 2014	Roost visit - transitional droppings confirmed by DNA	1	2.0
SU7077178109	Pipistrellus pipistrellus	Kidmore end	03 Sep 2015	Emergence survey - Emerged from under tiles	2	2.0
SU7077178110	Pipistrellus pipistrellus	Kidmore end	29 Sep 2014	Emergence survey - transitional returned behind burgular alarm	2	2.0
SU707781	Plecotus auritus	Chalkhouse Green	05 Aug 2014	Droppings - Maternity roost		2.0
SU708747	Myotis daubentonii	Caversham / River Thames	18 Aug 2015	Waterway transect survey - Detector - heterodyne	70	1.4
SU708747	Myotis daubentonii	Caversham / River Thames	03 Aug 2015	Waterway transect survey - Detector - heterodyne	69	1.4
SU708747	Myotis daubentonii	Caversham / River Thames	18 Aug 2014	Waterway transect survey - Detector - heterodyne	87	1.4
SU708747	Myotis daubentonii	Caversham / River Thames	04 Aug 2014	Waterway transect survey - Detector - heterodyne	25	1.4
SU708747	Myotis daubentonii	Caversham / River Thames	16 Aug 2013	Waterway transect survey - Detector - heterodyne	93	1.4
SU708747	Myotis daubentonii	Caversham / River Thames	01 Aug 2013	Waterway transect survey - Detector - heterodyne	101	1.4
SU708747	Myotis daubentonii	Caversham / River Thames	30 Aug 2012	Waterway transect survey - Detector - heterodyne	15	1.4
SU708747	Myotis daubentonii	Caversham / River Thames	05 Aug 2012	NBMP Waterways Survey - Aural bat detector	6	1.4
SU708747	Myotis daubentonii	Caversham / River Thames	22 Aug 2011	Waterway transect survey - Detector - heterodyne	91	1.4

SU708747	Myotis daubentonii	Caversham / River Thames	01 Aug 2011	Waterway transect survey - Detector - heterodyne	53	1.4
SU708747	Myotis daubentonii	Caversham / River Thames	23 Aug 2010	Waterway transect survey - Detector - heterodyne	62	1.4
SU708747	Myotis daubentonii	Caversham / River Thames	05 Aug 2010	Waterway transect survey - Detector - heterodyne	49	1.4
SU708747	Myotis daubentonii	Caversham / River Thames	18 Aug 2009	Waterway transect survey - Detector - heterodyne	110	1.4
SU708747	Myotis daubentonii	Caversham / River Thames	07 Aug 2009	Waterway transect survey - Detector - heterodyne	70	1.4
SU708747	Myotis daubentonii	Caversham / River Thames	26 Aug 2008	Waterway transect survey - Detector - heterodyne	79	1.4
SU708747	Myotis daubentonii	Caversham / River Thames	07 Aug 2008	Waterway transect survey - Detector - heterodyne	86	1.4
SU708747	Myotis daubentonii	Caversham / River Thames	20 Aug 2007	Waterway transect survey - Detector - heterodyne	28	1.4
SU708747	Myotis daubentonii	Caversham / River Thames	05 Aug 2007	Waterway transect survey - Detector - heterodyne	148	1.4
SU708747	Myotis daubentonii	Caversham / River Thames	17 Aug 2006	Waterway transect survey - Detector - heterodyne	76	1.4
SU708747	Myotis daubentonii	Caversham / River Thames	03 Aug 2006	Waterway transect survey - Detector - heterodyne	99	1.4
SU708747	Myotis daubentonii	Caversham / River Thames	16 Aug 2005	Waterway transect survey - Detector - heterodyne	227	1.4
SU708747	Myotis daubentonii	Caversham / River Thames	01 Aug 2005	Waterway transect survey - Method of ID - HT: Detector - heterodyne	99	1.4
SU70877513	Plecotus auritus	Arthur Clark Home, Albert Road, Reading RG4 7PE	10 Sep 2015	Recorded emerging from beneath a ridge tile of the Albert Road Day Centre - Aural bat detector	1	1.1
SU70877513	Pipistrellus pipistrellus	Arthur Clark Home, Albert Road, Reading RG4 7PE	10 Sep 2015	Recorded emerging from gable end on western elevation of Albert Road Day Centre - Aural bat detector	1	1.1
SU70877513	Pipistrellus pipistrellus	Arthur Clark Home, Albert Road, Reading RG4 7PE	10 Sep 2015	Foraging and commuting during dusk survey - Aural bat detector		1.1
SU70877513	Pipistrellus pygmaeus	Arthur Clark Home, Albert Road, Reading RG4 7PE	10 Sep 2015	Foraging and commuting during dusk survey - Aural bat detector		1.1
SU70877513	Plecotus sp.	Arthur Clark Home, Albert Road, Reading RG4 7PE	10 Sep 2015	Commuting during dusk survey - Aural bat detector		1.1
SU70877513	Myotis sp.	Arthur Clark Home, Albert Road, Reading RG4 7PE	10 Sep 2015	Commuting during dusk survey - Aural bat detector		1.1
SU70877513	Nyctalus noctula	Arthur Clark Home, Albert Road, Reading RG4 7PE	10 Sep 2015	Commuting during dusk survey - Aural bat detector		1.1
SU70877513	Pipistrellus pygmaeus	Arthur Clark Home, Albert Road, Reading RG4 7PE	13 Aug 2015	Foraging and commuting during pre-dawn survey - Aural bat detector		1.1
SU70877513	Pipistrellus pipistrellus	Arthur Clark Home, Albert Road, Reading RG4 7PE	13 Aug 2015	Foraging and commuting during pre-dawn survey - Aural bat detector		1.1
SU7093675350	Nyctalus noctula	15 Kidmore Road Caversham RG4 7LR	16 Jul 2014	Bat seen foraging over front & rear Garden - Visual observation and Aural bat detector		0.9
SU7093675350	Pipistrellus pipistrellus	15 Kidmore Road Caversham RG4 7LR	16 Jul 2014	Bat seen foraging - Visual observation and Aural bat detector		0.9
SU7093675350	Pipistrellus pygmaeus	15 Kidmore Road Caversham RG4 7LR	16 Jul 2014	Bat seen foraging over front & rear Garden - Visual observation and Aural bat detector		0.9
SU7093675350	Nyctalus noctula	15 Kidmore Road Caversham RG4 7LR	26 Jun 2014	Foraging over Garden Hedge & Trees - Aural bat detector		0.9
SU7093675350	Pipistrellus pygmaeus	15 Kidmore Road Caversham RG4 7LR	26 Jun 2014	Foraging over Garden - Aural bat detector		0.9
SU7093675350	Plecotus auritus	15 Kidmore Road Caversham RG4 7LR	26 Jun 2014	Foraging nearby - Foraging nearby		0.9
SU7093675350	Pipistrellus pipistrellus	15 Kidmore Road Caversham RG4 7LR	26 Jun 2014	Bats Foraging - Aural bat detector		0.9
SU7093675350	Pipistrellus pygmaeus	15 Kidmore Road Caversham RG4 7LR	26 May 2014	Bats heard Foraging nearby - Aural bat detector		0.9
SU7093675350	Pipistrellus pipistrellus	15 Kidmore Road Caversham RG4 7LR	26 May 2014	Bats seen and heard foraging nearby - Visual observation and Aural bat detector		0.9
SU7093675350	Nyctalus noctula	15 Kidmore Road Caversham RG4 7LR	26 May 2014	Bats heard in transit foraging - Aural bat detector		0.9
SU709759	Plecotus auritus	Unknown	24 Apr 2006	Rescued - Adult male	1	0.4
SU7105575668	Plecotus auritus	52 Oakley Road Caversham Reading RG4 7RN	16 May 2016	Foraging over garden & hedges - Visual observation and Aural bat detector		0.6
SU7105575668	Pipistrellus pygmaeus	52 Oakley Road Caversham Reading RG4 7RN	16 May 2016	Continuous foraging - Visual observation and Aural bat detector		0.6
SU7105575668	Pipistrellus pipistrellus	52 Oakley Road Caversham Reading RG4 7RN	16 May 2016	Foraging over garden & hedges - Visual observation and Aural bat detector		0.6
SU7112776920	Plecotus sp.	15 Highdown Avenue, Emmer Green	27 May 2015	Aural bat detector - In flight		0.9
SU7112776920	Pipistrellus pipistrellus	15 Highdown Avenue, Emmer Green	27 May 2015	Aural bat detector - In flight		0.9
SU7128475727	Pipistrellus pipistrellus	239 Hemdean Road Caversham Reading RG4 7QX	08 Sep 2015	Came over site from Balmore Park - Visual observation and Aural bat detector		0.8
SU7128475727	Pipistrellus pipistrellus	239 Hemdean Road Caversham Reading RG4 7QX	08 Sep 2015	Foraging over fruit trees - Visual observation and Aural bat detector		0.8
SU7128475727	Pipistrellus pygmaeus	239 Hemdean Road Caversham Reading RG4 7QX	08 Sep 2015	Foraging over fruit trees - Visual observation and Aural bat detector		0.8

SU7128475727	Nyctalus noctula	239 Hemdean Road Caversham Reading RG4 7QX	08 Sep 2015	Faint call in transit - Aural bat detector		0.8
SU7129076797	Nyctalus noctula	15 Highdown Hill Road Emmer Green Reading RG4 8QP	30 Jun 2017	Flew over site - Aural bat detector		0.9
SU7129076797	Pipistrellus pipistrellus	15 Highdown Hill Road Emmer Green Reading RG4 8QP	30 Jun 2017	Feeding over back garden and heard throughout survey - Visual observation and Aural bat detector		0.9
SU7129076797	Pipistrellus pipistrellus	15 Highdown Hill Road Emmer Green Reading RG4 8QP	15 Jun 2017	Seen circling over the house and feeding over garden - Visual observation and Aural bat detector		0.9
SU7129076797	Myotis sp.	15 Highdown Hill Road Emmer Green Reading RG4 8QP	15 Jun 2017	A number calls were recorded but not indentified. - Aural bat detector		0.9
SU7129076797	Nyctalus noctula	15 Highdown Hill Road Emmer Green Reading RG4 8QP	15 Jun 2017	Commuting over the site - Visual observation and Aural bat detector		0.9
SU7129076797	Pipistrellus pygmaeus	15 Highdown Hill Road Emmer Green Reading RG4 8QP	07 Jun 2017	emerged half way down roof rear left side - Visual observation and Aural bat detector		0.9
SU7129076797	Nyctalus noctula	15 Highdown Hill Road Emmer Green Reading RG4 8QP	07 Jun 2017	Seen not heard		0.9
SU7129076797	Pipistrellus pipistrellus	15 Highdown Hill Road Emmer Green Reading RG4 8QP	07 Jun 2017	sporadically heard survey called off due to heavy rain - Visual observation and Aural bat detector		0.9
SU7129076797	Pipistrellus pygmaeus	15 Highdown Hill Road Emmer Green Reading RG4 8QP	22 May 2017	Foraging behind and over the top of the house. - Visual observation and Aural bat detector		0.9
SU7129076797	Pipistrellus pipistrellus	15 Highdown Hill Road Emmer Green Reading RG4 8QP	22 May 2017	A lot of foraging between property & lefthand side of neighbours - Visual obs and Aural bat detector		0.9
SU713755	Pipistrellus pygmaeus	191-197 Hemdean Rd, Caversham	24 Jul 2012	Foraging together through the gardens, often seen in this area especially on warm nights	2	0.9
SU71467496	Pipistrellus sp.	Reading, RG4 8HN	21 Feb 2014	Dwelling By droppings	1	1.5
SU7176	Pipistrellus pygmaeus	Brooklyn Drive, Emmer Green	02 May 2013	Foraging in the garden- Aural bat detector	1	1.3
SU7176	Myotis mystacinus/brandtii	Brooklyn Drive, Emmer Green	02 May 2013	Aural bat detector - In flight	1	1.3
SU7176	Pipistrellus pipistrellus	Brooklyn Drive, Emmer Green	02 May 2013	Foraging in the garden- Aural bat detector	1	1.3
SU7176	Plecotus auritus	Brooklyn Drive, Emmer Green	06 Dec 2012	Hibernating brown long-eared in roof space and droppings, non-breeding/transitional roost		1.3
SU7176	Plecotus auritus	*TVERC	01 Jul 2011	Aural bat detector	1	0.5
SU7176	Myotis nattereri	*TVERC	01 Jul 2011	Aural bat detector	1	0.5
SU7176	Pipistrellus pipistrellus	*TVERC	01 Jul 2011	Aural bat detector	1	0.5
SU7176	Nyctalus noctula	*TVERC	01 Jul 2011	Aural bat detector	1	0.5
SU7176	Myotis daubentonii	*TVERC	01 Jul 2011	Aural bat detector	1	0.5
SU7176	Myotis mystacinus	*TVERC	01 Jul 2011	Aural bat detector	1	0.5
SU7176	Pipistrellus pygmaeus	*TVERC	01 Jul 2011	Aural bat detector	1	0.5
SU7176777138	Nyctalus noctula	140 Kidmore End Road Emmer Green Berks RG4 8SP	01 Jun 2017	Aural bat detector - In transit not seen		1.5
SU7176777138	Pipistrellus pipistrellus	140 Kidmore End Road Emmer Green Berks RG4 8SP	01 Jun 2017	Constant activity foraging and in transit - Aural Bat Detector / Flir Camera		1.5
SU7176777138	Pipistrellus pipistrellus	140 Kidmore End Road Emmer Green Berks RG4 8SP	16 May 2017	Seen entering neighbours property - Visual observation and Aural bat detector	1	1.5
SU7176777138	Pipistrellus pygmaeus	140 Kidmore End Road Emmer Green Berks RG4 8SP	16 May 2017	Seen entering the rear roof - Visual observation and Aural bat detector	1	1.5
SU7176777138	Nyctalus noctula	140 Kidmore End Road Emmer Green Berks RG4 8SP	16 May 2017	Seen and heard transiting high above property - Visual observation and Aural bat detector		1.5
SU7176777138	Pipistrellus pipistrellus	140 Kidmore End Road Emmer Green Berks RG4 8SP	01 May 2017	Foraging from a neighbours garden - Visual observation and Aural bat detector		1.5
SU7176777138	Pipistrellus pygmaeus	140 Kidmore End Road Emmer Green Berks RG4 8SP	01 May 2017	Feeding and social calls - Visual observation and Aural bat detector		1.5
SU7176777138	Nyctalus noctula	140 Kidmore End Road Emmer Green Berks RG4 8SP	01 May 2017	Aural bat detector - heard by two surveyors		1.5
SU717755	Pipistrellus pipistrellus	Caversham	10 Jul 2012	Bat rescued	1	1.3
SU717755	Pipistrellus sp.	Caversham	21 Aug 2011	Rescued - Immediate release	1	1.3
SU718753	Pipistrellus pipistrellus	8 Derby Road, Caversham	15 Jul 2005	Rescued - Juvenile bat	1	1.5
SU718772	Plecotus auritus	Crawshay Drive, Emmer Green, RG4 8SX	12 Aug 2015	Bat found dead in garden	1	1.6
SU7191876788	Pipistrellus pipistrellus	Reading Golf Club, Kidmore End Road, Reading RG4 8SG	09 Jun 2015	Injured Bat Record	1	1.4
SU719764	Nyctalus leisleri	School Lane, Emmer Green	17 Jul 2013	Aural bat detector - in flight	1	1.3

SU719764	Plecotus auritus	School Lane, Emmer Green	17 Jul 2013	Aural bat detector - in flight	1	1.3
SU719764	Pipistrellus pipistrellus	School Lane, Emmer Green	17 Jul 2013	Aural bat detector - in flight	1	1.3
SU719764	Pipistrellus pygmaeus	School Lane, Emmer Green	17 Jul 2013	Aural bat detector - in flight	1	1.3
SU719764	Nyctalus noctula	School Lane, Emmer Green	17 Jul 2013	Aural bat detector - in flight	1	1.3
SU719772	Pipistrellus sp.	12 Surley Rd, Emmer Green RG4 8LY	07 Jul 2007	Aural bat detector - In flight		1.7
SU7199076478	Pipistrellus pipistrellus	School Lane, Emmer Green	28 Aug 2017	Aural bat detector - In flight		1.4
SU7199076478	Pipistrellus pygmaeus	School Lane, Emmer Green	28 Aug 2017	Aural bat detector - In flight		1.4
SU7199076478	Myotis sp.	School Lane, Emmer Green	28 Aug 2017	Aural bat detector - In flight		1.4
SU7199975916	Plecotus sp.	123 Peppard Road, Emmer Green	29 Apr 2015	C. 30 medium-sized bat droppings were found scattered below the ridge		1.4
SU7205676791	Nyctalus noctula	Chalgrove Way, Emmer Green	28 May 2014	Aural bat detector - In flight		1.5
SU7205676791	Pipistrellus pipistrellus	Chalgrove Way, Emmer Green	28 May 2014	2 emerged from neighbouring property to the west - Aural bat detector		1.5
SU7205676791	Pipistrellus sp.	Chalgrove Way, Emmer Green	08 May 2014	Aural bat detector - In flight		1.5
SU7205676791	Pipistrellus sp.	Chalgrove Way, Emmer Green	24 Feb 2014	Five small, old bat droppings were found stuck to the chimney		1.5
SU7210675716	Nyctalus noctula	Chiltern Road, Caversham	08 May 2014	Aural bat detector - In flight		1.5
SU7210675716	Pipistrellus pygmaeus	Chiltern Road, Caversham	08 May 2014	Aural bat detector - In flight		1.5
SU7210675716	Pipistrellus pipistrellus	Chiltern Road, Caversham	08 May 2014	Aural bat detector - In flight		1.5
SU7211276926	Plecotus sp.	14 Burnham Rise, Emmer Green	03 Sep 2015	Two emergences, one around chimney and one from the hip tiles on south side - Aural bat detector		1.7
SU7211276926	Pipistrellus pipistrellus	14 Burnham Rise, Emmer Green	03 Sep 2015	One emergence from southern facing hipped section of roof - Aural bat detector		1.7
SU7211276926	Nyctalus noctula	14 Burnham Rise, Emmer Green	03 Sep 2015	Aural bat detector - In flight		1.7
SU7211276926	Pipistrellus pygmaeus	14 Burnham Rise, Emmer Green	03 Sep 2015	Aural bat detector - In flight		1.7
SU7211276926	Vespertilionidae sp.	14 Burnham Rise, Emmer Green	03 Sep 2015	Aural bat detector - In flight		1.7
SU7211276926	Pipistrellus pygmaeus	14 Burnham Rise, Emmer Green	20 Aug 2015	Aural bat detector - In flight		1.7
SU7211276926	Pipistrellus pipistrellus	14 Burnham Rise, Emmer Green	20 Aug 2015	Aural bat detector - In flight		1.7
SU7211276926	Plecotus sp.	14 Burnham Rise, Emmer Green	20 Aug 2015	One emergence around chimney and recorded foraging in trees nearby - Aural bat detector		1.7
SU7211276926	Plecotus sp.	14 Burnham Rise, Emmer Green	14 Jul 2015	C. 50 medium sized bat droppings found at eastern end of roof space		1.7
SU7211276926	Pipistrellus sp.	14 Burnham Rise, Emmer Green	14 Jul 2015	C. 10 droppings on brickwork of party wall; c. 20 on floor by wall in roof space.		1.7
SU7211476927	Plecotus auritus	13 Burnham Rise, Emmer Green	10 Aug 2016	Three emerged from the house (confirmed by DNA analysis of droppings) - Aural bat detector		1.7
SU7211476927	Nyctalus noctula	13 Burnham Rise, Emmer Green	10 Aug 2016	Aural bat detector - In flight		1.7
SU7211476927	Pipistrellus pygmaeus	13 Burnham Rise, Emmer Green	10 Aug 2016	1 emerged from the hanging tiles at the front - Aural bat detector		1.7
SU7211476927	Pipistrellus pipistrellus	13 Burnham Rise, Emmer Green	10 Aug 2016	Aural bat detector - In flight		1.7
SU721747	Pipistrellus sp.	57 St. Johns Road, Caversham	Aug 2011	Aural bat detector - frequently seen flying over the garden at dusk	1	2.1
SU7218577281	Pipistrellus sp.	360 Peppard Road,Caversham	25 Aug 2015	Aural bat detector - In flight		1.9
SU7218577281	Pipistrellus pipistrellus	360 Peppard Road,Caversham	25 Aug 2015	Aural bat detector - In flight		1.9
SU7218577281	Pipistrellus pygmaeus	360 Peppard Road,Caversham	12 Aug 2015	Aural bat detector - In flight		1.9
SU7218577281	Nyctalus noctula	360 Peppard Road,Caversham	12 Aug 2015	Aural bat detector - In flight		1.9
SU7218577281	Pipistrellus pipistrellus	360 Peppard Road,Caversham	12 Aug 2015	Aural bat detector - In flight		1.9
SU7218577281	Pipistrellus pygmaeus	360 Peppard Road,Caversham	29 Jul 2015	Aural bat detector - In flight		1.9
SU7218577281	Pipistrellus pipistrellus	360 Peppard Road,Caversham	29 Jul 2015	Aural bat detector - In flight		1.9
SU7218577281	Nyctalus noctula	360 Peppard Road,Caversham	29 Jul 2015	Aural bat detector - In flight		1.9
SU7218577281	Eptesicus serotinus	360 Peppard Road,Caversham	19 Feb 2015	Former occasional day roost. Approximately 20 - 30 large-sized bat droppings found on the floor		1.9
SU7218577281	Plecotus sp.	360 Peppard Road,Caversham	19 Feb 2015	Couple of medium droppings found in roof space.		1.9

SU7218577288	Plecotus sp.	362 Peppard Road, Caversham	07 Sep 2015	Not currently in use. One old dropping was located on top of the front most chimney stack internally		1.9
SU72297700	Myotis daubentonii	Wordsworth Ct, Reading RG4 8TJ	20 Jul 2016	Injured/care bat record	1	1.9
SU724768	Pipistrellus pygmaeus	Clayfield Copse, Earley	30 May 2012	Sighting on edge of playing field in flight - Aural bat detector	2	1.9
SU724771	Pipistrellus pygmaeus	Clayfield Copse, Earley	30 May 2012	Sighting in flight - Aural bat detector	3	2.1
SU725769	Pipistrellus pipistrellus	Clayfield Copse, Earley, Reading	29 Apr 2012	Bat box check - 1 in 1FF bat box	1	2.1
SU725769	Plecotus sp.	Clayfield Copse, Earley, Reading	29 Apr 2012	Bat box check - 3-4 droppings likely to be long-eared in 2F-DFP box	1	2.1
SU725769	Pipistrellus pygmaeus	Clayfield Copse, Earley, Reading	10 Dec 2011	Bat box check - 1 in box	1	2.1
SU725769	Pipistrellus pygmaeus	Clayfield Copse, Earley, Reading	30 Oct 2011	Bat box check - 3 in a box	3	2.1
SU725769	Pipistrellus pipistrellus	Clayfield Copse, Earley, Reading	30 Oct 2011	Bat box check - 3 in box	3	2.1
SU725769	Plecotus auritus	Clayfield Copse, Earley, Reading	02 Oct 2011	Bat box check - 1 in box	1	2.1
SU725769	Pipistrellus pygmaeus	Clayfield Copse, Earley, Reading	02 Oct 2011	Bat box check - 6 in box	6	2.1
SU725769	Pipistrellus sp.	Clayfield Copse, Earley, Reading	14 Aug 2011	Bat box check - 2 in box	2	2.1
SU725769	Pipistrellus pygmaeus	Clayfield Copse, Earley, Reading	14 Aug 2011	Bat box check - 3 in box	3	2.1
SU725769	Plecotus auritus	Clayfield Copse, Earley, Reading	14 Aug 2011	Bat box check - 15 in box	15	2.1
SU698754	Pipistrellus pipistrellus	Reading	20 Jul 1999	Roost emergence count data	53	1.1
SU708747	Myotis daubentonii	Caversham / River Thames	16 Aug 2004	Waterway transect survey - Detector - heterodyne	163	1.4
SU708747	Myotis daubentonii	Caversham / River Thames	04 Aug 2004	Waterway transect survey - Detector - heterodyne	251	1.4
SU708747	Myotis daubentonii	Caversham / River Thames	18 Aug 2003	Waterway transect survey - Detector - heterodyne	135	1.4
SU708747	Myotis daubentonii	Caversham / River Thames	07 Aug 2003	Waterway transect survey - Detector - heterodyne	157	1.4
SU708747	Myotis daubentonii	Caversham / River Thames	17 Aug 2002	Waterway transect survey - Detector - heterodyne	100	1.4
SU708747	Myotis daubentonii	Caversham / River Thames	10 Aug 2002	Waterway transect survey - Detector - heterodyne	109	1.4
SU708747	Myotis daubentonii	Caversham / River Thames	19 Aug 2001	Waterway transect survey - Detector - heterodyne	76	1.4
SU708747	Chiroptera	Caversham / River Thames	19 Aug 2001	Waterway transect survey - Detector - heterodyne	1	1.4
SU708747	Chiroptera	Caversham / River Thames	04 Aug 2001	Waterway transect survey - Detector - heterodyne	7	1.4
SU708747	Myotis daubentonii	Caversham / River Thames	04 Aug 2001	Waterway transect survey - Detector - heterodyne	53	1.4
SU708747	Myotis daubentonii	Caversham / River Thames	21 Aug 2000	Waterway transect survey - Detector - heterodyne	59	1.4
SU708747	Myotis daubentonii	Caversham / River Thames	12 Aug 2000	Waterway transect survey - Detector - heterodyne	67	1.4
SU708747	Myotis daubentonii	Caversham / River Thames	26 Aug 1999	Waterway transect survey - Detector - heterodyne	68	1.4
SU708747	Chiroptera	Caversham / River Thames	26 Aug 1999	Waterway transect survey - Detector - heterodyne	59	1.4
SU708747	Myotis daubentonii	Caversham / River Thames	13 Aug 1999	Waterway transect survey - Detector - heterodyne	30	1.4
SU708747	Myotis daubentonii	Caversham / River Thames	30 Aug 1998	Waterway transect survey - Detector - heterodyne	116	1.4
SU708747	Chiroptera	Caversham / River Thames	30 Aug 1998	Waterway transect survey - Detector - heterodyne	13	1.4
SU708747	Myotis daubentonii	Caversham / River Thames	24 Aug 1998	Waterway transect survey - Detector - heterodyne	84	1.4
SU708747	Chiroptera	Caversham / River Thames	24 Aug 1998	Waterway transect survey - Detector - heterodyne	5	1.4
SU710758	Pipistrellus sp.	Unknown	2002	Breeding roost		0.5
SU713746	Nyctalus noctula	River Thames, Caversham, Reading	1999	River, woodland, meadow, (2-3), In flight	2	1.7
SU715755	Pipistrellus nathusii	Caversham, Reading	1997	Probable breeding roost in house	1	1.1
SU715765	Plecotus auritus	Emmer Green, Reading.	1999	Flew into kitchen	1	1.0
SU7174	Nyctalus noctula	*TVERC	01 May 1999	field record	3	1.8
SU7175	Plecotus auritus	*TVERC	1998	Field record	1	1.3
SU7176	Plecotus auritus	*TVERC	01 May 1999	field record	1	1.0
SU7176	Plecotus auritus	Highdown School, Emmer Green	1995	Hibernation check - Hibernating in cellar	1	0.7
SU7176	Plecotus auritus	*TVERC	01 Nov 1993	House visit	1	1.5
SU723773	Pipistrellus pygmaeus	Reading	16 Jun 2004	Roost emergence count data		2.1
SU723773	Pipistrellus pygmaeus	Reading	09 Jun 2004	Roost emergence count data	11	2.1
SU723773	Pipistrellus pygmaeus	Reading	2003	Roost emergence count data - No bats present during survey dates but were present at other times		2.1
SU725769	Nyctalus noctula	Clayfield Copse, Earley, Reading	1995	Breeding roost in tree	1	2.1
SU7276	Plecotus auritus	*TVERC	24 Feb 1994	House visit	1	1.9

BSBBG has agreed an exchange of data with TVERC which enables us to provide records belonging to them with the grid reference given to 1 km precision. Such records are indicated by *TVERC under location. Enquirers are recommended to contact TVERC direct to obtain full locations details. Please note that TVERC provides BSBBG with an annual update of their records, so they may hold records for your search area that BSBBG does not yet have access to. Requests for information may be submitted via the TVERC website www.tverc.org.uk

However I must, as usual, point out that our records should not be considered a complete record of bats in the area since we only record sites where we, as a Bat Group, have been called to assist members of the public or Natural England (what was English Nature) to deal with 'bat problems', recorded bats whilst undertaking bat group events and walks or taken part in National Monitoring of bats for the Bat Conservation Trust. Records from the general public and bat group members submitted to the records officer are also kept in the database. To be certain what bats may or may not be present it would be necessary to undertake a detailed bat survey at various times throughout the year.

All payment details will be contained within the invoice.

We are always striving to improve the quality and quantity of our records and therefore we welcome any records that you may obtain during any planned surveys in our area. Please submit records to records@berksbats.org.uk.



Urban Tree Experts

BS5837 – Tree Surveys – Ecological Consulting

APPENDIX 1

24 October 17

Re: Identification Results for Kate, Tree Surveys

Job number 10949, received 12 October 2017

Sample labelled: Simon Holmes 08/09/17 170 Kidmore Road

PCR amplification successful. DNA sequence:

ATGACCAACATTTCGAAAGTCCCACCCTCTCATAAAAATTATCAATGATTCACTCATTG
ACTTACCTGCTCCCTCAAATATTTTCATCATGGTGAAACTTTGGGTCTCTTCTAGGTA

Phylogenetic analysis identification: *Plecotus auritus*

Confirmed by maximum likelihood, maximum parsimony, bootstrap 100%.

Best regards,

Professor Robin Allaby

The results and conclusions in this report are based on an investigation of mtDNA sequence analysis. The results obtained have been reported with accuracy. The interpretation represents the most probable conclusion for the DNA sequence obtained rather than the sample provided given current levels of species data. It should be borne in mind that different circumstances might produce different results. Therefore, care must be taken with interpretation of the results especially if they are used as the basis for commercial recommendations.

Professor Robin Allaby

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