



Urban Tree Experts

BS5837 – Tree Surveys – Ecological Consulting

ECOLOGICAL SURVEY REPORT (BATS) OF HOUSES AND PLAY BARN AT ST PAULS CHURCH



**Prepared for:
PCC
St Agnes with St Paul and St Barnabas
5-23 Whitley Wood Lane
Reading
RG2 8PN**

30 July 2020

Ref: SPH/ESR-20/15.07



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Appendix 1

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



EXECUTIVE SUMMARY

Urban Tree Experts was commissioned by the PCC, St Agnes with St Paul and St Barnabas to carry out a dusk emergence survey and a dawn return to roost survey on the houses (number 1 and 3, Whitley Wood Lane) at St Pauls Church, 5-23 Whitley Wood Lane, Reading, RG2 8PN and, a dusk emergence survey on the 'play barn' at the same premises. During the dusk emergence survey on the houses, a common pipistrelle bat was observed emerging from the roof section of house number 1 so, in line with good practice guidelines, a third (dusk emergence) survey was carried out on the houses.

The activity surveys were undertaken on the buildings to provide further information on the presence and status of bats using the buildings and to inform appropriate mitigation for the proposed works, if required. This report is prepared to support a current planning application to Reading Borough Council (number 191265) that seeks to redevelop the site, creating a new church centre building, comprising cafe, worship area, meeting rooms, two one bed residential flats and a health centre building.

The application site, which is located in Whitley Wood, a suburb of Reading, comprises a single storey church building, a 'play barn' and a pair of semidetached houses. The remainder of the site comprises a large grassed area, the rear gardens to the houses with a large graveled parking area. The site itself offers limited foraging, roosting and commuting habitat for bats.

The preliminary bat survey was conducted by Syntegra Consulting (ref 19-6409) in December 2019. The survey revealed holes, weathered soffits and weathered boarding on both the play barn and dwellings and, in line with their recommendations, activity surveys were undertaken.

The desk top study revealed that one statutory designated site and three current European Protected Species Licences (EPSLs) for common and soprano pipistrelle and brown long-eared bats have been granted within a 2km radius of the proposed development site.

A search of the Berkshire and South Buckinghamshire bat group records confirmed 7 different species (including *Myotis sp.*) within the 2-kilometer search radius. A summary of these records is included at Appendix 1.

The dusk emergence survey on the 'play barn' was conducted on Monday 8 June 2020. Bats were seen foraging in and around the site throughout the survey, but no bats were seen emerging from or re-entering the building to roost.

The dusk emergence surveys on the houses were conducted on Sunday 7 June and Wednesday 15 July 2020 and the dawn return to roost survey was conducted on Sunday 28 June 2020. On the first emergence survey, at 21.32, a common pipistrelle bat was observed emerging from under a ridge tile on the north facing roof section of number 1 Whitley Wood Lane.

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.



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In the absence of mitigation, demolition of the houses will result in the destruction of a day/summer roost for common pipistrelle bats however, following rebuilding works there is no reason why continued roosting provision cannot be successfully maintained with appropriate compensation and/or enhancement. An EPSL must be obtained from Natural England before works commence on the houses at St Pauls Church, Whitley Wood.

In the case of the 'play barn', the proposed works must proceed under the guidance of a qualified bat ecologist and follow an appropriately worded method statement, conditioned to any planning consent.

An outline method statement 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"*. A full method statement will be prepared as part of an EPSL application to be submitted to and approved by Natural England.



1. Introduction

1.1 Instruction

Urban Tree Experts was commissioned by the PCC, St Agnes with St Paul and St Barnabas to carry out a dusk emergence survey and a dawn return to roost survey on the houses (number 1 and 3 Whitley Wood Lane) at St Pauls Church, 5-23 Whitley Wood Lane, Reading, RG2 8PN and, a dusk emergence survey on the 'Play Barn' at the same premises. A common pipistrelle bat was observed emerging from number 1 Whitley Wood lane so, in line with good practice guidelines, a third (dusk emergence) survey was carried out on the houses.

1.2 Aims and Objectives

The activity surveys are designed to:

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

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

1.3 Proposed Works

The surveys were commissioned in connection with a current planning application to Reading Borough Council (number 191265) that seeks to redevelop the site, creating a new church centre building, comprising cafe, worship area, meeting rooms, two one bed residential flats and a health centre building.

1.4 Surveyor Background and Experience

The surveys were conducted by Bridget Parslow, Robert (Bob) Brittain and Elaine Charlson, 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 32 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.

Bob has been surveying bats for 8 years with various ecological consultancies and has received training in surveying techniques, bat detector use, bat biology, identification, acoustic monitoring, echolocation analysis and netting.

Elaine Charlson has been surveying bats for 6 years and has received training in surveying techniques, bat detector use, bat biology, bat care, bat identification, acoustic monitoring, echolocation analysis and netting.



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2. Survey Methodology

2.1 Constraints/Limitations

A walkover assessment of each building was conducted prior to the first survey being conducted on each building 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 all the surveys.

2.2 Dusk and Dawn Surveys

The dusk emergence survey on the Play Barn was conducted on Monday 8 June 2020. The dusk emergence surveys on the houses were conducted on Sunday 7 June and Wednesday 15 July 2020 and the dawn return to roost survey was conducted on Sunday 28 June 2020.

The surveys were at a time of year when active bats are most likely to be present. Weather conditions were suitable for the surveys, being conducted during warm weather and when bats were likely to be active.

The surveyors were stationed (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 two Sony Handycam night shot video cameras with high intensity IR lamps. 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 – Play Barn and houses at St Pauls Church, Whitley Wood, surveyor locations.





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In total only 3 different species were recorded and identified foraging and commuting around the site. A simple summary of the bats recorded can be seen in Table 2 on page 7. Very few bats were seen or heard foraging in and around the site throughout the surveys so the most frequently used flight paths of the bats cannot be shown.

3. Survey Findings

3.1 Dusk and Dawn Surveys

The weather conditions and surveyor details from all the surveys can be found in Table 1 below.

Table 1 – Surveyor details and weather conditions for bat activity surveys conducted on the play barn and houses at St Pauls Church, Whitley Wood.

Play barn:

Date:	8 June 2020
Survey Type	Emergence survey
Surveyors and locations	(B) Bridget Parslow (C) Elaine Charlson
Weather Conditions (Start)	Temperature 16.6°C Cloud cover 60% Humidity 64.3% Dry Wind Beaufort 0
Sunset/Sunrise	21:18
Start time	20:50
Finish Time	23:20
Duration	2:30
Weather Conditions (Finish)	Temperature 13.9°C Cloud cover 75% Humidity 69.6% Dry Wind Beaufort 1-2

Houses:

Date:	7 June 2020	28 June 2020	15 July 2020
Survey Type	Emergence survey	Return to roost	Emergence survey
Surveyors and locations	(A) Bob Brittain (B) Bridget Parslow (C) Elaine Charlson	(A) Bob Brittain (B) Bridget Parslow (C) Elaine Charlson	(A) Bob Brittain (B) Bridget Parslow (C) Elaine Charlson
Weather Conditions (Start)	Temperature 14.7°C Cloud cover >95% Humidity 72% Dry Wind Beaufort 0	Temperature 13.7°C Cloud cover 25% Humidity 72.2% Dry Wind Beaufort 1-2	Temperature 17.6°C Cloud cover 100% Humidity 76% Dry Wind Beaufort 0
Sunset/Sunrise	21:18	04:49	21:14
Start time	20:50	03:15	20:50
Finish Time	23:20	05:00	23:15
Duration	2:30	1:45	2:25



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Houses: table continued from page 7:

Date:	7 June 2020	28 June 2020	15 July 2020
Survey Type	Emergence survey	Return to roost	Emergence survey
Weather Conditions (Finish)	Temperature 12.5°C Cloud cover >95% Humidity 76% Dry Wind Beaufort 1-2	Temperature 11.3°C Cloud cover <5% Humidity 83.1% Dry Wind Beaufort 1-2	Temperature 17°C Cloud cover 80% Humidity 77.3% Dry Wind Beaufort 1-2

Table 2.

Summary of bat calls recorded in the vicinity of the play barn at St Paul Church, Whitley Wood.

Date	Surveyor Position	Time	Seen	Heard	Species	Comments
08/06/20	B	20:50 – 23:20	Y	Y	Common pipistrelle and noctule	At 21.33 (15 minutes after sunset) a common pipistrelle was both heard and seen in transit over the site and from 21.40 two common pipistrelle bats were seen and heard as they foraged around the site. Common pipistrelle activity continued until survey end. A noctule was heard on a number of occasions from 21.37 (19 minutes after sunset), with the last call being at 22.42. The bat was never seen.
08/06/20	C	20:50 – 23:20	Y	Y	Common pipistrelle and noctule	Common pipistrelle calls were heard from 21.23 (5 minutes after sunset) with, the bat being seen foraging around the trees on site at 21.25. Up to two common pipistrelle bats at a time were seen foraging around the site until survey end. The noctule was both seen and heard at 21.37 high over the building and its was heard on another 10 occasions, until 22.42.



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Summary of bat calls recorded in the vicinity of the houses at St Pauls Church, Whitley Wood.

Date	Surveyor Position	Time	Seen	Heard	Species	Comments
07/06/20	A	20:50 – 23:20	Y	Y	Common and soprano pipistrelle and noctule	At 21.32, a common pipistrelle was observed emerging from under a ridge tile on the north facing section of the rear gable end. Thereafter common pipistrelle bats were only heard on another four occasions during the survey. A soprano pipistrelle was heard on 2 occasions, at 21.28 and 22.31 only and 2 distant and brief calls from a noctule were heard.
07/06/20	B	20:50 – 23:20	N	Y	Common and soprano pipistrelle and noctule	A common pipistrelle was heard once, at 21.48 and a soprano pipistrelle was heard once, at 22.31. The noctule was heard once, at 22.28. No other bats were heard, and none seen during this survey.
07/06/20	C	20:50 – 23:20	Y	Y	Common pipistrelle and noctule	At 22.04 a common pipistrelle was both seen and heard in transit across the site and a noctule was heard twice, at 21.35 and 21.38. No other bats were seen or heard during this survey.
28/06/20	A	03:15 – 05:00	N	Y	Common pipistrelle	During the whole survey, only 1 bat was heard, a common pipistrelle at 04.10. No bats were seen.
28/06/20	B	03:15 – 05:00	N	Y	Common pipistrelle	During the whole survey, only 1 bat was heard, a common pipistrelle at 04.09. No bats were seen.
28/06/20	C	03:15 – 05:00	N	Y	Common pipistrelle and noctule	A common pipistrelle was heard once, at 03.10. The noctule was heard three times, at 03.30, 03.32 and 04.30. No bats were seen.
15/07/20	A	20:50 – 23.15	Y	Y	Common pipistrelle and noctule	Bat activity was much increased on this survey with a noctule being seen and heard from 21.23 (9 minutes after sunset) and a common pipistrelle being seen and heard from 21.37 (23 minutes after sunset). Thereafter common pipistrelle foraging activity around the site dominated but only 1 bat was seen at any one time. From 21.23 (9 minutes after sunset) The noctule was heard on several other occasions foraging high above the site.
15/07/20	B	20:50 – 23.15	Y	Y	Common pipistrelle and noctule	At 21.32 (16 minutes after sunset), a common pipistrelle was seen and heard foraging around the back garden of the properties and thereafter it was seen foraging around the site until survey end. A noctule was heard on numerous occasions from 21.23 until survey end.
15/07/20	C	20:50 – 23.15	Y	Y	Common pipistrelle and noctule	As with the other surveyors, a noctule was both seen and heard at 21.23 in transit over the site and thereafter one was heard on numerous occasions until survey end. Common pipistrelle activity commenced at 21.32 and continued until survey end, with one bat being seen foraging around the site.



4. Conclusions/Interpretation

- 4.1 Whilst only 1 bat was seen emerging from number 1 Whitley Wood Lane, bats are highly mobile, use more than one roost, often changing during the same 24-hour period and are opportunistic. The emergence of a common pipistrelle bat, a common (widespread in the UK and Berkshire) species (that is not a breeding or hibernation site) were corroborated by the bat calls and surveyor observations. No more than one common pipistrelle was seen at any one time and occasional soprano pipistrelle observations and calls indicate that they are roosting close by and may also roost in the features at 1 to 3 Whitley Wood Lane. Their roosts are of low conservation significance that are important at a site level only. The low level of common pipistrelle bat activity indicates that the building is supporting a day/summer roost for common pipistrelle bats that are roosting opportunistically.
- 4.2 The houses and play barn have crevice like features suitable for bats to roost and current roosting was confirmed at the houses in the form of an emergence by a common pipistrelle bat.
- 4.3 The calls heard and recorded from the survey provided identification of common pipistrelle, *Pipistrellus pipistrellus*, soprano pipistrelle, *Pipistrellus pygmaeus*, and noctule, *Nyctalus noctule*, all foraging and/or transiting across the site.
- 4.4 There is no evidence to indicate maternity or hibernation use by any bat species. However, the crevice like features at 1 to 3 Whitley Wood Lane are frequently used by common and soprano pipistrelle bats and in particular brown long-eared bats alike, and therefore the risk of roost destruction/injury to any bats present is common across these species at this site.
- 4.5 The very low number of bats observed and calls heard and recorded during the surveys is, in our opinion, due to the high levels of human disturbance, light pollution and lack of foraging opportunities immediately adjacent to the site.
- 4.6 Bat activity was dominated by common pipistrelles, with calls and visual observations indicating a low number of individuals across the surveys. Noctule calls (9 minutes after sunset) indicates that the bat is roosting close by, but they it was not seen emerging from the buildings and is not generally observed roosting in buildings.
- 4.7 The demolition of number 1 Whitley Wood Lane will lead to the destruction of a current common pipistrelle day/summer roost. The cumulative evidence leads me to conclude that an EPSL is required for the work to proceed. Mitigation measures (against the risk of disturbance, killing or injuring bats during the work), and compensation measures (to provide continued bat roosting provision at the site) together with ecological enhancements must be implemented as a condition of any planning consent.
- 4.8 An outline method statement 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.*
- 4.9 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 Method Statement must be implemented in order for the works to be legally undertaken and must form part of any planning conditions.



5. Method Statement for Planning

5.1 This method statement aims to address:

- Timing and methods of activities
- Provision of new bat roosts
- Impact on and replacement of existing roosts
- Lighting and habitat provisions as applicable

5.1 Pre-commencement

5.1.1 An ecological clerk of works must be engaged prior to commencement to provide advice should it be required. This ecological method statement must be adhered to, it provides project supervision and guidance to ensure that best practice and compliance is adhered to and may prevent a criminal offence being committed. If there is a delay of greater than one year 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.

5.1.2 One general purpose bat box, for example a Schwegler 1FF bat box (see www.NHBS.com) will be attached to one of the retained ash trees at the rear of the site they must be sighted south, east or west facing and at a minimum height of 4 metres. The exact siting to be agreed with the Natural England bat license holder. This type of bat box provides alternative roosting habitat for the crevice dwelling species known to have roosted on this site, should it be required. The box must remain in situ until the building work is completed at which point they may be removed by a licensed bat worker if they have not been used.

5.1.3 The destruction of the common pipistrelle roost in number 1 Whitely Wood Lane will require compensation and this must be incorporated into one of the proposed new buildings in the form of integral bat boxes to mimic the features found on this site.

5.2 Method

5.2.1 A tool box talk must be given to the contractors prior to commencement of works, which will include: background legislation in relation to bats; the most likely areas to expect bats (rear hip ridge to eaves level), good working practice and, details of what to do if a bat or additional evidence of bats is discovered. In the unlikely event that bats, or evidence of other roost locations are found, works must stop and Natural England must be contacted immediately and any requisite license obtained.

5.3 Ecological supervision

5.3.1 Records of any site visits must be made by the project ecologist, and photographs should be taken as required in order to ensure compliance with this method statement.

5.3.2 Prior to work on either building, they are to be inspected for any new evidence of bats and the ecological clerk of work/licenced bat worker must be available (on-call) to provide advice.



5.3.3 If, during the work, when the licenced bat worker is not on-site, and a bat is discovered that appears to be injured or distressed, then the animal should be carefully placed in a small box (e.g. shoe box) by either handling the bat with thick gloved hands or covering the bat with the box and sliding a thin piece of cardboard under to create a floor to the box. A clean piece of cloth loosely crumpled will be placed in one corner of the box (to allow the bat to crawl under and hide), a few small air holes will be put into the lid of the box, and a very shallow container (e.g. foil milk bottle top) of water will be placed in one corner of the box. The licensed bat worker must then be called without delay and all work must stop until the licensed bat worker has been consulted.

5.3.4 High risk works (deconstruction of the buildings) must be directly supervised by the ecological clerk of work who must be a licensed ecologist and shall follow a 'soft-strip' method, requiring a visual inspection of the underside of the lapboard cladding, roof tiles, fascia/soffit and any materials before removal.

5.4 Timing of work

5.4.1 Any work to the existing buildings has the potential to disturb bats during the bat activity period (1 May to 31 August) and therefore roofing works must be conducted outside this period whenever possible. If the works cannot be undertaken during the period 1 September to 1 May and should bats be encountered during this period or at any time during the work, then all work must stop and the ecological clerk of works called immediately for advice.

5.4.2 All work must be undertaken in normal working, daylight, hours, which is in accordance with best working practices and allows the ecological clerk of work/licenced bat worker to address any issues if bat(s) are found during the demolition work.

5.4.3 Stripping tiles and soffit/fascia removal 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.

5.5 Incorporation of bat roosting

5.5.1 The existing bat roost (number 1 Whitley Wood Lane) is located at the ridge under tiles that form a crevice like feature and there are numerous other crevice like features that provide access for bats to roost as such suitable roosting provision must be compensated for in the proposed replacement building. The proposed new building(s) must include at least two suitable crevice like features, for example integral bat boxes set between the rafters and located at eaves, ridge or mid roof level, they must be linked to bat access tiles and must be positioned on south, east or west facing elevations. Non-breathable roofing membranes must not be used in the buildings as they entangle and kill bats.

5.6 Lighting proposals

5.6.1 Lighting: The exact lighting proposals are not known at this stage but where new external lighting is provided the following guide must be adopted:

High wattage or high-level security lights must not be used. If illumination of the building or driveway is required, it must be low level, low wattage lighting. Security lights must incorporate a PIR sensor on short illumination timer. All lights must be angled or screened to minimise light pollution up onto the fascia/soffits of the building containing the integral bat boxes.



5.7 Post construction work

5.7.1 There is no requirement for post-construction monitoring of this scheme.

6. Summary

- 6.1 All the buildings have numerous crevices, and these features are well suited for crevice dwelling bats to roost. A common pipistrelle bats was identified as having roosted in number 1 Whitley Wood lane. There is a high probability that there may be other bat species including the soprano pipistrelle, and brown long-eared bat roosting in similar features on the houses. Based on the evidence gathered to date, number 1 Whitley Wood Lane is being used as a day/summer roost for the common pipistrelle bat and it is highly probable that they will return to roost. The roost is of low conservation significance, and important at a site level only.
- 6.2 There is no evidence to indicate extended roosting (hibernation) or use by female bats as a maternity roost. The proposed deconstruction of 1 to 3 Whitley Wood Lane will result in the destruction/loss of a day/summer roost for a low number of common pipistrelle bats and a moderate negative impact will result at site level only.
- 6.3 The cumulative evidence leads me to conclude that an EPSL is required and mitigation measures (against the risk of destruction, killing or injuring bats during the work), and compensation and enhancement measures (to provide continued bat roosting provision and a net biodiversity gain at the site) must be implemented as a condition of the planning consent.

7. 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.

8. Queries

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

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APPENDIX 1



Client for whom search carried out: Urban Tree Experts
Client Purchase Order Number: N/A – Regular customer
Client Reference: St Pauls Church RG2 8PN

Person requesting search: Katie Holmes
Date of search: 04/07/2020

Search of Group Bat Records 2km radius centred on SU 71789 69559 (BSBBG Reference 948UTE)

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	TVERC record count
SU7006369374	Pipistrellus pygmaeus	Foundary Brook Culvert, Under M4	Jul 2014	Maternity Roost - Ecologist Planning survey		1.7	
SU7052968973	Plecotus sp.	Hartley Close, Three Mile Cross	12 Jun 2018	Aural bat detector - In flight		1.4	
SU7052968973	Pipistrellus pipistrellus	Hartley Close, Three Mile Cross	12 Jun 2018	Aural bat detector - In flight		1.4	
SU7052968973	Myotis sp.	Hartley Close, Three Mile Cross	15 May 2018	Aural bat detector - In flight		1.4	
SU7052968973	Pipistrellus pipistrellus	Hartley Close, Three Mile Cross	15 May 2018	Aural bat detector - In flight		1.4	
SU7052968973	Pipistrellus pygmaeus	Hartley Close, Three Mile Cross	15 May 2018	Aural bat detector - In flight		1.4	
SU7052968973	Plecotus sp.	Hartley Close, Three Mile Cross	15 May 2018	Aural bat detector - In flight		1.4	
SU7057470174	Nyctalus noctula	Green Park, Longwater Avenue, Reading	26 Aug 2015	Bat walk conducted by a professional and recorded with time expansion detector		1.4	
SU7057470174	Pipistrellus pygmaeus	Green Park, Longwater Avenue, Reading	26 Aug 2015	Bat walk conducted by a professional and recorded with time expansion detector		1.4	
SU7057470174	Pipistrellus pipistrellus	Green Park, Longwater Avenue, Reading	26 Aug 2015	Bat walk conducted by a professional and recorded with time expansion detector	3	1.4	
SU7057470174	Myotis sp.	Green Park, Longwater Avenue, Reading	26 Aug 2015	Bat walk conducted by a professional and recorded with time expansion detector		1.4	
SU7057470174	Myotis daubentonii	Green Park, Longwater Avenue, Reading	26 Aug 2015	Bat walk conducted by a professional and recorded with time expansion detector		1.4	
SU7085068167	Pipistrellus sp.	Great Lea Farm Great Lea Three Mile Cross	Mar 2012	3 old droppings found in loft space - Ecologist Planning survey		1.7	
SU7088768133	Pipistrellus sp.	Great Lea Farm Great Lea Three Mile Cross	Mar 2012	4 old droppings found in loft space - Ecologist Planning survey		1.7	
SU7089968716	Pipistrellus pipistrellus	Hartley Court Lodge, Hartley Court Road, Three Mile Cross	Jun 2015	Emergence of 1-2 bats observed; 15+ droppings in loft void - Ecologist Planning survey	1	1.2	
SU710676	Pipistrellus pygmaeus	Grazeley Road, Three Mile Cross	22 Jun 2010	Non-breeding roost - Aural bat detector	1	2.0	
SU710676	Pipistrellus pipistrellus	Grazeley Road, Three Mile Cross	22 Jun 2010	Commuting/foraging; Aural bat detector		2.0	
SU710676	Plecotus auritus	Grazeley Road, Three Mile Cross	22 Jun 2010	Aural bat detector - 1 Pass		2.0	
SU710676	Myotis sp.	Grazeley Road, Three Mile Cross	22 Jun 2010	Aural bat detector - Pass		2.0	
SU710676	Nyctalus noctula	Grazeley Road, Three Mile Cross	22 Jun 2010	Aural bat detector - Pass		2.0	
SU710676	Plecotus auritus	Grazeley Road, Three Mile Cross	05 May 2010	Two BLE bats present and c. 20-30 droppings		2.0	
SU710676	Plecotus auritus	Grazeley Road, Three Mile Road	06 Jun 2007	One bat in the roof space with droppings	1	2.0	
SU7108367621	Plecotus auritus	82 Grazeley Rd Three Mile Cross	Jun 2007	30-40 recent droppings under ridge in loft - Ecologist Planning survey		2.1	
SU7112167614	Plecotus auritus	76 Grazeley Rd Three Mile Cross	Jun 2007	less than 5 old droppings stuck to northern gable wall and rafters - Ecologist Planning survey		2.1	
SU7121467657	Plecotus sp.	60 Grazeley Road, Three Mile Cross	02 Oct 2018	Nine old droppings in the roof space.		2.0	

SU71257028	Pipistrellus pipistrellus	Darwin Cl, Reading RG2 0TB	17 Aug 2016	Injured/care bat record - Uninjured but underweight juvenile	1	0.9	
SU714715	Pipistrellus sp.	47 Boulton Rd Reading	Jun 2010			2.0	
SU714715	Eptesicus serotinus	47 Boulton Rd Reading	Jun 2010			2.0	
SU7148968185	Pipistrellus pipistrellus	Darbrook, Basingstoke Road, Three Mile Cross	Aug 2008	2 emergences observed - Ecologist Planning survey	2	1.4	
SU7150868370	Pipistrellus pipistrellus	Tree TG3116, Land North of Church Lane, Three Mile Cross	Aug 2008	Emergence observed - Ecologist Planning survey		1.2	
SU7162667832	Pipistrellus pipistrellus	Longlands, Church Lane, Three Mile Cross	Aug 2008	Probable emergence observed - Ecologist Planning survey		1.7	
SU7170568316	Pipistrellus pipistrellus	Tree 3249, Land North of Church Lane, Three Mile Cross	Aug 2008	Emergence observed - Ecologist Planning survey		1.2	
SU7176668114	Pipistrellus pygmaeus	Tree 3247, Land North of Church Lane, Three Mile Cross	Jun 2011	Emergence observed - Ecologist Planning survey		1.4	
SU717692	Pipistrellus pipistrellus	Unknown	11 Jun 2006	Adult male - Rescued	1	0.3	
SU7180968168	Pipistrellus pipistrellus	Tree TG3113, Land North of Church Lane, Three Mile Cross	Aug 2008	Emergence observed - Ecologist Planning survey		1.4	
SU7183268094	Pipistrellus sp.	Tree 3246, Land North of Church Lane, Three Mile Cross	Aug 2008	Emergence observed - Ecologist Planning survey		1.5	
SU71957022	Pipistrellus pipistrellus	Stockton Rd, Reading RG2 8AP	06 Sep 2016	Injured/care bat record	1	0.7	
SU7204168947	Pipistrellus pipistrellus	Cresswell Close, Reading RG2 8UF	02 Sep 2015	Injured Bat Record	1	0.7	
SU720692	Pipistrellus sp.	Reading RG2 8UJ	27 Jul 2015	Natural England Volunteer Roost Visit. Roost. - By droppings		0.4	
SU7210267655	Pipistrellus pipistrellus	Ryeish Green School, Hyde End Lane, Ryeish Green	Aug 2008	Emergence observed - Ecologist Planning survey		1.9	
SU7211868189	Plecotus auritus	Shinfield Lodge, Church Lane, Three Mile Cross	Feb 2015	Small pile of droppings in roof void - Ecologist Planning survey		1.4	
SU7214567708	Pipistrellus pipistrellus	3 Hyde End Lane, Ryeish Green	Aug 2008	Probable emergence observed - Ecologist Planning survey		1.9	
SU7216768068	Pipistrellus pipistrellus	Tree 3274, Ridge SANG Area, Three Mile Cross	Aug 2008	2 emergences observed - Ecologist Planning survey	2	1.5	
SU7217668160	Pipistrellus pipistrellus	2 Church Lane, Shinfield	Aug 2008	Emergence observed - Ecologist Planning survey		1.5	
SU7218668172	Pipistrellus pipistrellus	4 Church Lane, Shinfield	Aug 2008	Emergence observed - Ecologist Planning survey		1.4	
SU7219768176	Pipistrellus pipistrellus	5 Church Lane Three Mile Cross	Jul 2008	Maternity roost 7 bats present; reconfirmed in 2010, 12 bats recorded - Ecologist Planning survey	7	1.4	
SU7222368270	Pipistrellus pipistrellus	The Grove, Church Lane, Shinfield	Aug 2008	Emergence observed - Ecologist Planning survey		1.4	
SU7224568230	Pipistrellus pipistrellus	13 Church Lane, Shinfield	Aug 2008	2 emergences observed - Ecologist Planning survey	2	1.4	
SU7225367717	Pipistrellus pipistrellus	Tree 4001 (Willow), off Hyde End Lane, Ryeish Green	Jun 2010	Emergence observed - Ecologist Planning survey		1.9	
SU7225968243	Pipistrellus pipistrellus	16 Church Lane, Shinfield	Aug 2008	Emergence observed - Ecologist Planning survey		1.4	
SU7227367585	Pipistrellus pipistrellus	47 Hyde End Lane, Ryeish Green	Jun 2010	Emergence observed - Ecologist Planning survey		2.0	
SU723675	Pipistrellus sp.	Hyde End Lane, Three Mile Cross	23 Oct 2012	Small number of droppings at a gable end clad in hanging tiles on the exterior		2.1	
SU726704	Plecotus auritus	The Cowsey	30 Jun 2011	Bat group walk for cubs - Aural bat detector	1	1.2	
SU726704	Nyctalus noctula	The Cowsey	30 Jun 2011	Bat group walk for scouts - Aural bat detector	3	1.2	
SU726704	Pipistrellus pipistrellus	The Cowsey	30 Jun 2011	Bat group walk for cubs - Aural bat detector	1	1.2	
SU7296070471	Pipistrellus pipistrellus	Ridgeway Primary School	04 Sep 2015	Aural bat detector - In flight		1.5	
SU7296070471	Pipistrellus pygmaeus	Ridgeway Primary School	04 Sep 2015	Aural bat detector - In flight		1.5	
SU7296070471	Pipistrellus pygmaeus	Ridgeway Primary School	03 Sep 2015	Aural bat detector - In flight		1.5	
SU7296070471	Nyctalus noctula	Ridgeway Primary School	03 Sep 2015	Aural bat detector - In flight		1.5	
SU7296070471	Plecotus sp.	Ridgeway Primary School	03 Sep 2015	Aural bat detector - In flight		1.5	
SU7296070471	Pipistrellus pipistrellus	Ridgeway Primary School	03 Sep 2015	Aural bat detector - In flight		1.5	
SU730682	Nyctalus noctula	Shinfield	26 Apr 2008	Aural bat detector	1	1.8	
SU730682	Pipistrellus pipistrellus	Shinfield	22 Apr 2008	Aural bat detector	2	1.8	
SU730682	Pipistrellus pygmaeus	Shinfield	22 Apr 2008	Aural bat detector	1	1.8	
SU730682	Plecotus auritus	Shinfield	26 Nov 2007	Former non-breeding roost - Droppings	1	1.8	
SU730686	Pipistrellus nathusii	Shinfield Road, Shinfield	12 Sep 2013	Aural bat detector - In flight	1	1.6	
SU730686	Pipistrellus pipistrellus	Shinfield Road, Shinfield	21 Aug 2013	Aural bat detector - In flight	1	1.6	
SU730686	Nyctalus noctula	Shinfield Road, Shinfield	21 Aug 2013	Aural bat detector - In flight	1	1.6	
SU730686	Pipistrellus pygmaeus	Shinfield Road, Shinfield	21 Aug 2013	Aural bat detector - In flight	1	1.6	
SU730686	Plecotus sp.	Shinfield Road, Shinfield	15 Jul 2013	Non-breeding roost, 200-300 droppings	1	1.6	
SU7307868727	Pipistrellus pipistrellus	Coach House Cottage, Shinfield Road, Shinfield	Aug 2014	Emergence observed during survey of Lane End House for development - Ecologist Planning survey		1.5	
SU7308168686	Pipistrellus pygmaeus	Lane End House, Shinfield Road, Shinfield	01 Sep 2015	Aural bat detector - In flight		1.6	
SU7308168686	Nyctalus noctula	Lane End House, Shinfield Road, Shinfield	01 Sep 2015	Aural bat detector - In flight		1.6	
SU7308168686	Pipistrellus pipistrellus	Lane End House, Shinfield Road, Shinfield	01 Sep 2015	Aural bat detector - In flight		1.6	
SU7308168686	Myotis sp.	Lane End House, Shinfield Road, Shinfield	26 Aug 2015	Aural bat detector - In flight		1.6	
SU7308168686	Pipistrellus pygmaeus	Lane End House, Shinfield Road, Shinfield	26 Aug 2015	One bat emerged from western facing roof elevation - Aural bat detector		1.6	
SU7308168686	Pipistrellus pipistrellus	Lane End House, Shinfield Road, Shinfield	26 Aug 2015	Aural bat detector - In flight		1.6	

SU7308168686	Nyctalus noctula	Lane End House, Shinfield Road, Shinfield	26 Aug 2015	Aural bat detector - In flight		1.6	
SU7308168686	Pipistrellus pipistrellus	Lane End House, Shinfield Road, Shinfield	13 Aug 2014	One bat observed emerging off site from the bungalow to the north of the house - Aural bat detector		1.6	
SU7308468697	Plecotus auritus	Lane End House, Shinfield Road, Shinfield	Jul 2013	250+ droppings in roof void of mainly BLE - Ecologist Planning survey		1.6	
SU7308468697	Pipistrellus pipistrellus	Lane End House, Shinfield Road, Shinfield	Jul 2013	250+ droppings in roof void including a minority of Pip; emergence of Pip observed - Ecologist		1.6	
SU7311471047	Nyctalus noctula	Cressingham Road	Jul 2015	Aural bat detector		2.0	
SU7311471047	Pipistrellus pipistrellus	Cressingham Road	Jul 2015	Aural bat detector		2.0	
SU7311471047	Pipistrellus pygmaeus	Cressingham Road	Jul 2015	Aural bat detector		2.0	
SU7321668502	Pipistrellus pipistrellus	32 Leyland Gardens, Shinfield	12 Sep 2018	Aural bat detector - In flight		1.8	
SU7321668502	Nyctalus noctula	32 Leyland Gardens, Shinfield	12 Sep 2018	Aural bat detector - In flight		1.8	
SU7321668502	Pipistrellus pipistrellus	32 Leyland Gardens, Shinfield	16 Aug 2018	Aural bat detector - Bat seen to emerge from adjoining property.	1	1.8	
SU7321668502	Nyctalus noctula	32 Leyland Gardens, Shinfield	16 Aug 2018	Aural bat detector - In flight		1.8	
SU7321668502	Pipistrellus pygmaeus	32 Leyland Gardens, Shinfield	16 Aug 2018	Aural bat detector - In flight		1.8	
SU7321668502	Plecotus auritus	32 Leyland Gardens, Shinfield	16 Aug 2018	Aural bat detector - In flight		1.8	
SU7330870770	Plecotus sp.	188 Shinfield Road, Reading RG2 7DT	30 Apr 2014	Bat droppings recorded in loft space. Small scattering beneath ridge beam		1.9	
SU7343368510	Pipistrellus pipistrellus	13 Kendall Avenue Shinfield	Jul 2008	Maternity roost 7-9 bats present - Ecologist Planning survey	9	2.0	
SU7343568526	Pipistrellus pipistrellus	9 Kendall Ave Shinfield	Jul 2008	Maternity roost 8 bats present - Ecologist Planning survey	8	1.9	
SU7349369708	Pipistrellus pipistrellus	17 Melksham Close, Reading RG6 4AU	22 Jun 2017	Injured / Care Bat Record - (1 of 2) Stage B-C pup dead on wall, maternity roost in soffit box	1	1.7	
SU7349369708	Pipistrellus pipistrellus	17 Melksham Close, Reading RG6 4AU	22 Jun 2017	Injured / Care Bat Record - (2 of 2) Stage B-C pup dead on wall, maternity roost in soffit box	1	1.7	
SU701698	Plecotus auritus	The Clock House, Pingewood, Reading	1997	Breeding roost	2	1.7	
SU731694	Pipistrellus sp.	Former Met Office Training College - North House and South House	Jul 2002	Roost - Various location behind cladding and in roof spaces.		1.4	
SU6970	Nyctalus noctula	*TVERC	May 2014	Hand held aural bat detector (TVERC Source: EC)		2.0	1
SU6970	Pipistrellus pipistrellus	*TVERC	May 2014	Hand held aural bat detector (TVERC Source: EC)		2.0	1
SU6970	Pipistrellus pygmaeus	*TVERC	May 2014	Hand held aural bat detector (TVERC Source: EC)		2.0	1
SU7068	Pipistrellus pipistrellus	*TVERC	Jun 2015	15+ droppings in loft void (TVERC Source: WBC)		1.2	1
SU7068	Pipistrellus pipistrellus	*TVERC	Jun 2015	Emerging from roost - 1 to 2 Individuals (TVERC Source: WBC)	1	1.2	1
SU7068	Pipistrellus sp.	*TVERC	Mar 2016	Small number of scattered droppings discovered internally (TVERC Source: WBC)		1.7	3
SU7068	Pipistrellus sp.	*TVERC	Mar 2016	Droppings (TVERC Source: WBC)		1.6	1
SU7068	Pipistrellus sp.	*TVERC	Mar 2012	3 old droppings found in loft space (TVERC Source: WBC)		1.7	1
SU7068	Pipistrellus sp.	*TVERC	Mar 2012	4 old droppings found in loft space (TVERC Source: WBC)		1.7	1
SU7069	Myotis sp.	*TVERC	May 2015	Aural bat detector - Static Recorder (TVERC Source: EC)		1.2	2
SU7069	Nyctalus noctula	*TVERC	May 2015	Aural bat detector - Static Recorder (TVERC Source: EC)		1.2	6
SU7069	Pipistrellus pipistrellus	*TVERC	May 2015	Aural bat detector - Static Recorder (TVERC Source: EC)		1.2	6
SU7069	Pipistrellus pipistrellus	*TVERC	Nov 2010	Field record - (TVERC Source: MOP)	1	1.0	1
SU7069	Pipistrellus pygmaeus	*TVERC	May 2015	Aural bat detector - Static Recorder (TVERC Source: EC)		1.2	6
SU7069	Pipistrellus pygmaeus	*TVERC	Jul 2014	Maternity Roost (TVERC Source: WBC)		1.7	1
SU7070	Myotis daubentonii	*TVERC	Aug 2016	Aural bat detector - Transect: Foraging (TVERC Source: EC)		1.8	3
SU7070	Nyctalus noctula	*TVERC	Aug 2016	Aural bat detector - Transect: Foraging (TVERC Source: EC)		1.8	1
SU7070	Pipistrellus pipistrellus	*TVERC	Aug 2016	Aural bat detector - Transect: Foraging (TVERC Source: EC)		1.8	1
SU7070	Pipistrellus pipistrellus	*TVERC	Aug 2016	Aural bat detector - Transect. commuting (TVERC Source: EC)		1.7 - 1.8	2
SU7070	Pipistrellus pygmaeus	*TVERC	Aug 2016	Aural bat detector - Transect: Foraging (TVERC Source: EC)		1.8	3
SU7070	Pipistrellus pygmaeus	*TVERC	Aug 2016	Aural bat detector - Transect. commuting (TVERC Source: EC)		1.7 - 1.8	2
SU7071	Myotis daubentonii	*TVERC	Aug 2016	Aural bat detector - (TVERC Source: EC)		1.8	1
SU7071	Myotis daubentonii	*TVERC	Aug 2016	Aural bat detector - Transect. commuting (TVERC Source: EC)		1.8	2
SU7071	Nyctalus noctula	*TVERC	Sep 2016	Aural bat detector - (TVERC Source: EC)		1.8	4
SU7071	Nyctalus noctula	*TVERC	Aug 2016	Aural bat detector - (TVERC Source: EC)		1.8	1
SU7071	Nyctalus noctula	*TVERC	Aug 2016	Aural bat detector - Transect. commuting (TVERC Source: EC)		1.8	1
SU7071	Nyctalus noctula	*TVERC	Aug 2016	Aural bat detector - Transect: Foraging (TVERC Source: EC)		1.8	2
SU7071	Nyctalus noctula	*TVERC	Jun 2013	Aural bat detector - hunting, Dawn survey (TVERC Source: TW)		1.9	1
SU7071	Nyctalus sp.	*TVERC	Jul 2013	Aural bat detector - hunting, Dusk survey (TVERC Source: TW)		1.9	1
SU7071	Nyctalus sp.	*TVERC	Jun 2013	Aural bat detector - hunting, Dusk survey (TVERC Source: TW)		1.9	1

SU7071	Pipistrellus pipistrellus	*TVERC	Aug 2016	Aural bat detector - (TVERC Source: EC)		1.8	1
SU7071	Pipistrellus pipistrellus	*TVERC	Aug 2016	Aural bat detector - Aural bat detector - Transect. Foraging (TVERC Source: EC)		1.8	1
SU7071	Pipistrellus pipistrellus	*TVERC	Aug 2016	Aural bat detector - Transect. commuting (TVERC Source: EC)		1.8	2
SU7071	Pipistrellus pipistrellus	*TVERC	Aug 2016	Aural bat detector - Transect. Foraging (TVERC Source: EC)		1.8 - 1.9	3
SU7071	Pipistrellus pipistrellus	*TVERC	Sep 2016	Aural bat detector - (TVERC Source: EC)		1.8	4
SU7071	Pipistrellus pipistrellus	*TVERC	May 2013	Aural bat detector - hunting, Dawn survey (TVERC Source: TW)		1.9	1
SU7071	Pipistrellus pipistrellus	*TVERC	Jul 2013	Aural bat detector - hunting, Dusk survey (TVERC Source: TW)		1.9	1
SU7071	Pipistrellus pipistrellus	*TVERC	May 2013	Aural bat detector - Returning to roost. Dawn survey. (TVERC Source: TW)		1.9	1
SU7071	Pipistrellus pipistrellus	*TVERC	Jun 2013	Aural bat detector - hunting, Dawn survey (TVERC Source: TW)		1.9	1
SU7071	Pipistrellus pipistrellus	*TVERC	Jul 2013	Aural bat detector - hunting, Dawn survey (TVERC Source: TW)		1.9	1
SU7071	Pipistrellus pipistrellus	*TVERC	Jun 2013	Aural bat detector - hunting, Dusk survey (TVERC Source: TW)		1.9	1
SU7071	Pipistrellus pygmaeus	*TVERC	Aug 2016	Aural bat detector - (TVERC Source: EC)		1.8	1
SU7071	Pipistrellus pygmaeus	*TVERC	Aug 2016	Aural bat detector - Transect. commuting (TVERC Source: EC)		1.8	1
SU7071	Pipistrellus pygmaeus	*TVERC	Aug 2016	Aural bat detector - Transect. Foraging (TVERC Source: EC)		1.8 - 1.9	2
SU7071	Pipistrellus pygmaeus	*TVERC	Aug 2016	Aural bat detector - Transect: Foraging (TVERC Source: EC)		1.8	2
SU7071	Pipistrellus pygmaeus	*TVERC	Sep 2016	Aural bat detector - (TVERC Source: EC)		1.8	4
SU7071	Pipistrellus pygmaeus	*TVERC	Jul 2013	Aural bat detector - hunting, Dawn survey (TVERC Source: TW)		1.9	1
SU7071	Pipistrellus pygmaeus	*TVERC	May 2013			1.9	1
SU7071	Pipistrellus pygmaeus	*TVERC	Jun 2013	Aural bat detector - hunting, Dusk survey (TVERC Source: TW)		1.9	1
SU7071	Pipistrellus pygmaeus	*TVERC	Jul 2013	Aural bat detector - hunting, Dusk survey (TVERC Source: TW)		1.9	1
SU7071	Pipistrellus pygmaeus	*TVERC	Jun 2013	Aural bat detector - hunting, Dawn survey (TVERC Source: TW)		1.9	1
SU7071	Pipistrellus sp.	*TVERC	Sep 2014	Recent droppings (TVERC Source: TW)		1.9	1
SU7071	Pipistrellus sp.	*TVERC	Sep 2012	Droppings (TVERC Source: TW)		1.9	1
SU7071	Plecotus sp.	*TVERC	Jun 2014	Old droppings (TVERC Source: TW)		1.9	1
SU7071	Plecotus sp.	*TVERC	Sep 2012	Droppings (TVERC Source: TW)		1.9	1
SU7167	Pipistrellus pipistrellus	*TVERC	May 2008-Aug 2008	Emerging from roost - Individuals (TVERC Source: WBC)		1.7	1
SU7168	Chiroptera	*TVERC	2006	Signs - evidence of bat use (TVERC Source: HA)		0.9	1
SU7168	Pipistrellus pipistrellus	*TVERC	May 2008-Aug 2008	Emerging from roost - 2 Individuals (TVERC Source: WBC)	2	1.4	1
SU7168	Pipistrellus pipistrellus	*TVERC	May 2008-Aug 2008	Emerging from roost - Individuals (TVERC Source: WBC)		1.2 - 1.4	3
SU7168	Pipistrellus pygmaeus	*TVERC	Jun 2011	Emerging from roost - Individuals (TVERC Source: WBC)		1.4	1
SU7168	Pipistrellus sp.	*TVERC	May 2008-Aug 2008	Emerging from roost - Individuals (TVERC Source: WBC)		1.5	1
SU7169	Myotis sp.	*TVERC	Sep 2015	Aural bat detector - automated bat detector 4 recordings (TVERC Source: EC)		0.1	1
SU7169	Nyctalus noctula	*TVERC	May 2017	Aural bat detector - (TVERC Source: EC)		0.4	1
SU7169	Nyctalus noctula	*TVERC	Sep 2015	Aural bat detector - automated bat detector 1084 recordings (TVERC Source: EC)		0.1	1
SU7169	Nyctalus noctula	*TVERC	Sep 2015	Aural bat detector - (TVERC Source: EC)		0.2	1
SU7169	Nyctalus noctula	*TVERC	Jul 2015	Aural bat detector - (TVERC Source: EC)		0.3	1
SU7169	Nyctalus noctula	*TVERC	Aug 2015	Aural bat detector - automated bat detector 5 recordings (TVERC Source: EC)		0.4	1
SU7169	Nyctalus noctula	*TVERC	Jul 2015-Aug 2015	Aural bat detector - automated bat detector 11 recordings (TVERC Source: EC)		0.4	1
SU7169	Pipistrellus pipistrellus	*TVERC	May 2017	Aural bat detector - (TVERC Source: EC)		0.4	1
SU7169	Pipistrellus pipistrellus	*TVERC	Sep 2015	Aural bat detector - automated bat detector 219 recordings (TVERC Source: EC)		0.1	1
SU7169	Pipistrellus pipistrellus	*TVERC	Aug 2015	Aural bat detector - (TVERC Source: EC)		0.3	1
SU7169	Pipistrellus pipistrellus	*TVERC	Aug 2015	Aural bat detector - automated bat detector 12 recordings (TVERC Source: EC)		0.4	1
SU7169	Pipistrellus pipistrellus	*TVERC	Jul 2015	Aural bat detector - (TVERC Source: EC)		0.3	1
SU7169	Pipistrellus pipistrellus	*TVERC	Jul 2015-Aug 2015	Aural bat detector - automated bat detector 457 recordings (TVERC Source: EC)		0.4	1
SU7169	Pipistrellus pygmaeus	*TVERC	May 2017	Aural bat detector - (TVERC Source: EC)		0.4	1
SU7169	Pipistrellus pygmaeus	*TVERC	Aug 2015	Aural bat detector - (TVERC Source: EC)		0.3	1

SU7169	Pipistrellus pygmaeus	*TVERC	Aug 2015	Aural bat detector - automated bat detector 9 recordings (TVERC Source: EC)		0.4	1
SU7169	Pipistrellus pygmaeus	*TVERC	Jul 2015	Aural bat detector - (TVERC Source: EC)		0.3	1
SU7169	Pipistrellus pygmaeus	*TVERC	Jul 2015-Aug 2015	Aural bat detector - automated bat detector 44 recordings (TVERC Source: EC)		0.4	1
SU7169	Pipistrellus pygmaeus	*TVERC	Sep 2015	Aural bat detector - automated bat detector 50 recordings (TVERC Source: EC)		0.1	1
SU7170	Myotis sp.	*TVERC	Aug 1991	House visit - (TVERC Source: NE)		0.6	1
SU7170	Nyctalus noctula	*TVERC	Jul 2016	Aural bat detector - Flying (TVERC Source: EC)		0.8 - 0.9	2
SU7170	Pipistrellus pipistrellus	*TVERC	Aug 2016	Aural bat detector - Flying (TVERC Source: EC)		0.9	1
SU7170	Pipistrellus pipistrellus	*TVERC	Jul 2016	Aural bat detector - Flying (TVERC Source: EC)		0.9	2
SU7170	Pipistrellus pygmaeus	*TVERC	Jul 2016	Aural bat detector - Flying (TVERC Source: EC)		0.9	1
SU7170	Pipistrellus sp.	*TVERC	Aug 2016	Aural bat detector - Flying (TVERC Source: EC)		0.9	1
SU7170	Pipistrellus sp.	*TVERC	Jul 2016	Aural bat detector - Flying (TVERC Source: EC)		0.9	1
SU7267	Pipistrellus pipistrellus	*TVERC	Jun 2010	Emerging from roost - Individuals (TVERC Source: WBC)		1.9 - 2.0	2
SU7267	Pipistrellus pipistrellus	*TVERC	May 2008-Aug 2008	Emerging from roost - Individuals (TVERC Source: WBC)		1.9	2
SU7268	Pipistrellus pipistrellus	*TVERC	2014	Emerging from roost - Individuals (TVERC Source: WBC)		1.7	1
SU7268	Pipistrellus pipistrellus	*TVERC	Aug 2014	Emerging from roost - Individuals (TVERC Source: WBC)		1.6	1
SU7268	Pipistrellus pipistrellus	*TVERC	May 2008	Emerging from roost - thought to be a maternity roost; 3-8*45Pip (TVERC Source: WBC)		1.6	1
SU7268	Pipistrellus pipistrellus	*TVERC	May 2008-Aug 2008	Emerging from roost - Individuals (TVERC Source: WBC)		1.4	4
SU7268	Pipistrellus pipistrellus	*TVERC	May 2008-Aug 2008	Emerging from roost - 2 Individuals (TVERC Source: WBC)	2	1.4 - 1.5	2
SU7268	Pipistrellus pipistrellus	*TVERC	Jul 2008	Roost - roosting (TVERC Source: WBC)		1.4	1
SU7268	Pipistrellus pipistrellus	*TVERC	Jul 2008	Roost - 2 Individuals (TVERC Source: WBC)	2	1.5	1
SU7268	Pipistrellus pipistrellus	*TVERC	Jul 2008	Roost - 7 Adults (TVERC Source: EC)	7	1.4	1
SU7268	Pipistrellus pygmaeus	*TVERC	2014	Emerging from roost - Individuals (TVERC Source: WBC)		1.7	1
SU7268	Pipistrellus pygmaeus	*TVERC	Jul 2008	Roost - 1 Individual (TVERC Source: WBC)	1	1.5	1
SU7268	Pipistrellus pygmaeus	*TVERC	Jul 2008	Roost - roosting (TVERC Source: WBC)		1.8	1
SU7268	Pipistrellus pygmaeus	*TVERC	May 2008	Droppings (TVERC Source: WBC)		1.7	1
SU7268	Pipistrellus pygmaeus	*TVERC	May 2008	Emerging from roost - Individuals (TVERC Source: WBC)		1.7	1
SU7268	Pipistrellus sp.	*TVERC	Jul 2008	Roost - roosting (TVERC Source: WBC)		1.4	1
SU7268	Plecotus auritus	*TVERC	Feb 2015	Droppings - Small pile of droppings in roof void near access hatch (TVERC Source: WBC)		1.4	1
SU7268	Plecotus sp.	*TVERC	Aug 2015	internally at base of NW gable end of loft void (TVERC Source: WBC)		1.4	1
SU7269	Chiroptera	*TVERC	Dec 2010	Field record - (TVERC Source: PTES)		1.2	1
SU7269	Nyctalus noctula	*TVERC	May 2017	Aural bat detector - dusk survey (TVERC Source: EC)	1	0.5	1
SU7269	Pipistrellus pipistrellus	*TVERC	May 2017	Aural bat detector - dusk survey (TVERC Source: EC)	1	0.5	1
SU7269	Pipistrellus pipistrellus	*TVERC	Jul 2015	Droppings (TVERC Source: NE)		0.4	1
SU7269	Pipistrellus pipistrellus	*TVERC	Jun 1986	(TVERC Source: RUWG)		1.0	1
SU7270	Nyctalus noctula	*TVERC	Sep 2015	Aural bat detector - 1+ hunting (TVERC Source: EC)	1	1.6	1
SU7270	Pipistrellus pipistrellus	*TVERC	Sep 2015	Aural bat detector - A few bats hunting (TVERC Source: EC)		1.6	1
SU7368	Pipistrellus pipistrellus	*TVERC	2014	Emerging from roost - Individuals (TVERC Source: WBC)		1.7	2
SU7368	Pipistrellus pipistrellus	*TVERC	Aug 2014	Emerging from roost - Individuals (TVERC Source: WBC)		1.5	1
SU7368	Pipistrellus pipistrellus	*TVERC	Jul 2013	Droppings - in roof void (TVERC Source: WBC)		1.6	1
SU7368	Pipistrellus pipistrellus	*TVERC	May 2008	Emerging from roost - Individuals (TVERC Source: WBC)		1.7	2
SU7368	Pipistrellus pipistrellus	*TVERC	Sep 2008	Roost - 1 Adult (TVERC Source: EC)	1	1.6	1
SU7368	Pipistrellus pipistrellus	*TVERC	May 2008	Droppings (TVERC Source: WBC)		1.7	1
SU7368	Pipistrellus pipistrellus	*TVERC	Jul 2008	Roost - roosting (TVERC Source: WBC)		1.6 - 2.0	2
SU7368	Pipistrellus pipistrellus	*TVERC	Jul 2008	Roost - 2 Individuals (TVERC Source: WBC)	2	1.6	1
SU7368	Pipistrellus pipistrellus	*TVERC	Sep 2008	Roost - 1 to 3 Adults (TVERC Source: EC)	1	1.6	1
SU7368	Pipistrellus pygmaeus	*TVERC	Aug 2015	Aural bat detector - Commuting/Foraging (TVERC Source: EC)		1.6	1
SU7368	Pipistrellus pygmaeus	*TVERC	May 2008	Emerging from roost - Individuals (TVERC Source: WBC)		1.7	1
SU7368	Pipistrellus sp.	*TVERC	Jul 2008	Roost - 2 Individuals (TVERC Source: WBC)	2	1.9	1
SU7368	Plecotus auritus	*TVERC	Sep 2015	Droppings - Loft inspection; (TVERC Source: EC)		1.6	1
SU7368	Plecotus auritus	*TVERC	Oct 2015	Caught during soft strip under Low Impact Class Licence (TVERC Source: EC)	1	1.6	1

SU7368	Plecotus auritus	*TVERC	2014	Emerging from roost - Individuals (TVERC Source: WBC)		1.7	1
SU7368	Plecotus auritus	*TVERC	Jul 2013	250+ droppings in roof void of mainly BLE (TVERC Source: WBC)		1.6	1
SU7368	Plecotus auritus	*TVERC	Sep 2008	Roost - 1 Adult (TVERC Source: EC)	1	1.6	1
SU7368	Plecotus auritus	*TVERC	Jul 2008	Roost - 1 Individual (TVERC Source: WBC)	1	1.6	1
SU7368	Plecotus auritus	*TVERC	May 2008	Emerging from roost - Individuals (TVERC Source: WBC)		1.7	2
SU7368	Plecotus auritus	*TVERC	May 2008	Droppings (TVERC Source: WBC)		1.7	1
SU7369	Pipistrellus pipistrellus	*TVERC	2008	Roost - 1 Adult (TVERC Source: EC)	1	2.1	1
SU7369	Pipistrellus sp.	*TVERC	Jul 2002	Various locations behind cladding and in roof spaces. WDC roost no. 7. (TVERC Source: WBC)		1.4	2
SU7369	Pipistrellus sp.	*TVERC	Jul 1991	Other - (TVERC Source: NE)	1	1.6	1
SU7369	Pipistrellus sp.	*TVERC	Sep 1987	House visit - (TVERC Source: NE)	232	1.4	1
SU7370	Chiroptera	*TVERC	Sep 2018	3 droppings found under gap in eaves (TVERC Source: EC)		2.0	1
SU7370	Pipistrellus pipistrellus	*TVERC	Sep 2018	Aural bat detector - 2 Individuals (TVERC Source: EC)	2	1.9	1
SU7370	Pipistrellus pipistrellus	*TVERC	Sep 2018	Emerging from roost - Seen during survey of adjacent house (TVERC Source: EC)	1	2.0	1
SU7370	Pipistrellus pygmaeus	*TVERC	Sep 2018	Aural bat detector - Flying (TVERC Source: EC)		1.9	1
SU7371	Nyctalus noctula	*TVERC	Aug 2015	Aural bat detector - (TVERC Source: EC)		2.0	1
SU7371	Nyctalus noctula	*TVERC	Jul 2015	Aural bat detector - (TVERC Source: EC)		2.0	1
SU7371	Pipistrellus pipistrellus	*TVERC	Aug 2015	Emerging from roost - Emerging from next doors property (TVERC Source: EC)	1	2.0	1
SU7371	Pipistrellus pipistrellus	*TVERC	Jul 2015	Emerging from roost - Emerging from next doors property (TVERC Source: EC)	1	2.0	1
SU7371	Pipistrellus pygmaeus	*TVERC	Jul 2015	Aural bat detector - 1 Individual (TVERC Source: EC)	1	2.0	1
SU7371	Pipistrellus pygmaeus	*TVERC	Aug 2015	Aural bat detector - (TVERC Source: EC)		2.0	1

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.