

Summer Lodge, Copyhold Lane, Cuckfield, Haywards Heath, RH17 5EB.



Bat Emergence Surveys 2025

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Executive Summary

JW Biodiversity Management Limited was commissioned to carry out a bat emergence survey of the of a residential property located near Haywards Heath in Sussex. This report provides the details of a survey to determine the presence or likely absence of bats. This report follows on from a Preliminary Roost Assessment conducted by JW Biodiversity Management in 2025.

Site Description

The Site is a residential house located at 101 Park Road, Barnett, EN4 9QX (grid reference: TQ27307 96112). The building was first constructed around the 1930s. The land surrounding the main building is made up of amenity grassland and shrubs. The Site is east of New Barnett and north of Whetstone. (see Figure 1). The Site is located in a predominantly residential area with 2 detached houses. The Site is 722 metres squared in size.

Development Outline

The site consists of a residential site with a large garden area located south of Cuckfield town in Sussex. The main house within the site was a 1950s prefabricated building with wooden shingles covering all elevations and the roof, with what appeared to be ACM guttering and downpipes. Two outbuildings were located northeast - both appeared to be former garages, although the southern building was significantly larger than the northmost. The had evidently been unoccupied for some time with the buildings and garden areas showing evidence of disuse. The site was dominated by grassland and woodland habitats with scattered trees and hedgerows. The site is located within a community of similar sized properties located either side of Copyhold Lane.

The site is located in a rural area with the local landscape being dominated by areas of agricultural land and woodland. The site (as shown on figure 1) is in Hayward Heath, Sussex; TQ 3023 9561.

Results

- Following two bat emergence surveys and analysis of the data and footage the following results were recorded:
- Five species of bats were recorded including: common pipistrelle *Pipistrellus pipistrellus*, soprano pipistrelle *Pipistrellus pygmaeus*, brown long eared bat *Plecotus auritus*, Daubenton's bat *Myotis daubentonii* and a possible unidentified myotis bat *Myotis* sp.
- Moderate activity was recorded during the survey including foraging and/or commuting on site; and
- A peak count of one common pipistrelle and one brown long eared bat were observed emerging from the survey building during survey one.

Conclusions

In conclusion, following one dusk emergence surveys, the target building at the Summer Lodge in Cuckfield is considered as supporting 3x day roosts of two species of bat.

It is recommended that habitats be retained and protected on site during construction. Recommendations around suitable lighting and inclusion of artificial roosts has also been made.

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1. Introduction

JW Biodiversity Management Limited was commissioned to carry out a bat emergence survey of the of a residential property located near Haywards Heath in Sussex. This report provides the details of a survey to determine the presence or likely absence of bats. This report follows on from a Preliminary Roost Assessment conducted by JW Biodiversity Management in 2025¹.

This report will include the details of the bat emergence surveys.

1.1 Development outline

JW Biodiversity Management Ltd understands that the project will involve the demolition of the existing house and erection of a new dwelling.

1.2 Site Description

The site consists of a residential site with a large garden area located south of Cuckfield town in Sussex. The main house within the site was a 1950s prefabricated building with wooden shingles covering all elevations and the roof, with what appeared to be ACM guttering and downpipes. Two outbuildings were located northeast - both appeared to be former garages, although the southern building was significantly larger than the northmost. The had evidently been unoccupied for some time with the buildings and garden areas showing evidence of disuse. The site was dominated by grassland and woodland habitats with scattered trees and hedgerows. The site is located within a community of similar sized properties located either side of Copyhold Lane.

The site is located in a rural area with the local landscape being dominated by areas of agricultural land and woodland.

The site is with the Mid Sussex District Council Planning Authority and the High Weald National Character Area (NCA). The site (as shown on figure 1) is in Hayward Heath, Sussex; TQ 3023 9561.

¹ Summer Lodge, Copyhold Lane, Cuckfield, Haywards Heath, RH17 5EB. Preliminary Ecological Assessment. RP-BM230525-01.

1.3 Survey Objectives

The purpose of this report is to provide the evidence that an assessment has been made as to the potential for the buildings in question to support roosting bats in order to demonstrate compliance with wildlife legislation protecting bats and planning policy.

The key objectives of this survey are as follows:

- assess the presence or likely absence of roosting bats within buildings on site, identify key commuting and foraging routes for bats across the site.
- if roosting bats are found to be present on the site, give an indication of the population size of each species present.
- recommend further mitigation where assessed as necessary and suggest potential enhancements.

1.4 Limitations

It should be noted that this survey, whilst carried out in accordance with current best practice, identifies bat usage of the site, which may change throughout the year. Knowing this survey should be regarded however as a robust recognised method. It is possible that on occasion, despite best effort, bats may be found on site after works commence; if this is the case, advice should be sought immediately from a suitably qualified ecologist on the best course of action to take.

In order to minimise the likelihood of adverse effects on protected animal species over time, it is accepted good practice for ecological surveys to be repeated should works be deferred for over 12 months from the date of initial survey. It is the duty of the landowner, developer and operations managers to act responsibly and to comply with current environmental legislation if protected species are suspected or found prior to, or during works.

1.5 Legal Status of Bats

All eighteen of the UK's bat species are protected under section 9 of the Wildlife and Countryside Act (WCA) 1981 (as amended). The WCA states that 'a person is guilty of an offence if intentionally or recklessly they disturb [a bat] while it is occupying a structure or place which it uses for shelter or protection; or he obstructs access to any structure or place which [a bat] uses for shelter'.

Under the Conservation of Habitats and Species Regulations 2017, it is an offence if;

- A person deliberately captures, injures or kills any wild animal of a European Protected Species;
- Deliberately disturbs wild animals of any such species;
- Damages or destroys a breeding site or resting place of such an animal.
- A detailed list of UK wildlife legislation is provided in the appendix

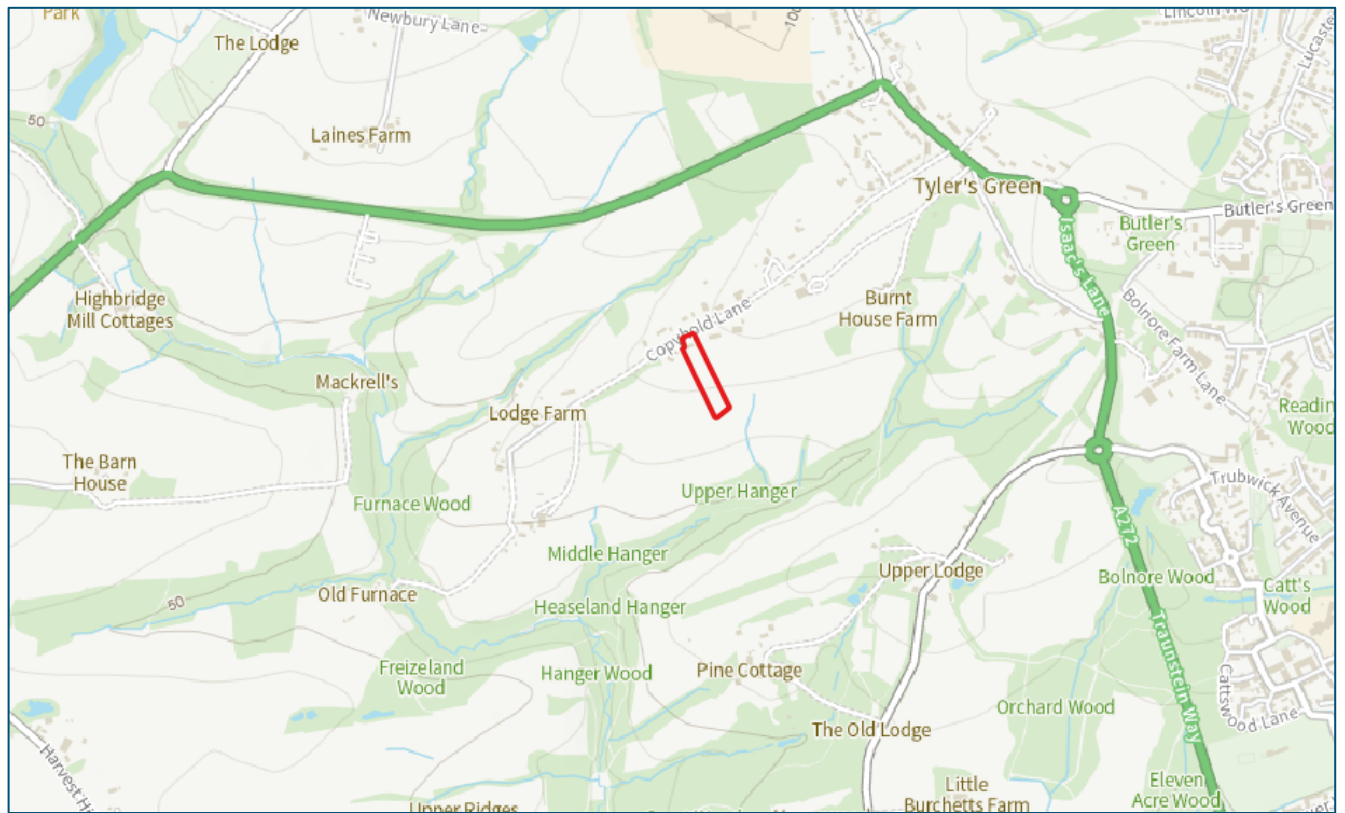


Figure 1: Map showing the location of the site.

2. Methods

The surveys described below have taken due regard of the Bat Conservation Trust Bat Survey Good Practice Guidelines (2023)² and Bat Workers Manual (Mitchell-Jones & McLeish, 2004³).

2.1 Preliminary Bat Roost Assessment

Buildings are known to provide suitable roosting opportunities for a number of bat species⁴. An external and internal inspection of the building on site was carried out to assess their potential to support bat roosts, following Bat conservation trust guidelines. An internal inspection was undertaken where possible inspecting all roof voids and potential roosting locations with a high-powered torch looking for signs of bats in the form of staining, droppings, feeding remains and the bats themselves. This was followed by an external inspection of the buildings looking for potential ingress points through soffits, eaves, missing roof tiles/slates and brickwork and windows.

JW Biodiversity Management undertook a site visit on the 6th of May 2025 an updated internal inspection was undertaken on the 19th of June 2025. This was to carry out an inspection to search for and identify potential feeding perches, roosting opportunities and signs of bat use externally. The methodology for assessing bat roost potential followed that recommended by the Bat Conservation Trust.

The buildings were inspected from the ground using a powerful torch and binoculars. The visual inspection focussed on searching for feeding remains and bat droppings on external walls. Crevices and other potential roost sites were investigated for smear/grease marks, lack of cobwebs, urine staining.

² Collins J. (ed) (2023) Bat Surveys for Professional Ecologists: Good Practice Guidelines (4th Edition). The Bat Conservation Trust, London).

³ Mitchell-Jones, A.J. & McLeish, A.P. Ed., (2004), 3rd Edition Bat Workers' Manual, Joint Nature Conservation Committee, Peterborough

⁴ Bats and Buildings. Bats and the Build Environment Series. Bat Conservation Trust. January 2012.

2.2 Emergence Surveys

Following the initial roost assessment, it was decided that two dusk emergent surveys would be conducted of the building on site.

These surveys would be carried out at a suitable time of year and in suitable weather conditions in line with BCT guidelines. The emergence survey visits were undertaken by experienced bat surveyors, overseen by Edward Clark. Edward has more than 14 years professional and voluntary experience surveying for bats and has extensive experience in site assessment including ground-based and aerial tree surveys and cave and bridge inspections. Edward is registered to use a Level 2 Class licence (2018-33670CLS-CLS) and has been named on site-specific bat mitigation licenses.

An emergence survey was undertaken on the evenings of 27/05/25 and 19/06/25 in accordance with good practice guidelines from 15 minutes before sunset until 90 minutes afterwards in favourable weather conditions. In line with the recently published guidance (Collins, 2023), 'NVAs can be used to reduce the number of surveyors' if the NVAs 'reliably match or exceed what a surveyor can achieve'. In order to achieve this, the bat surveys utilise market leading thermal imaging videography equipment (Guide Thermal TK612 cameras) and/or market leading infra-red video cameras (Canon XA or Canon XF series cameras) with infra-red lighting rigs. Each unmanned camera has an acoustic bat detector operating/recording next to it for the purpose of identifying bats captured on video by the cameras.

BES video footage is reviewed as soon as possible after the survey by the qualified Ecologists survey team. For simple sites a second review of BES video footage is conducted using MotionMeerkat, an Artificial Intelligence (AI) program which identifies motion events within video footage. For more complicated scenarios, multiple video reviews conducted by up to three ecologists will take place.

Dusk emergence surveys are conducted as standard and preferred to a combination of dusk emergence and dawn re-entry surveys to determine presence/likely absence of roosting bats due to the proven risk of missing early returning bats during dawn re-entry surveys.

Surveyors, acoustic bat detectors and camera rigs are positioned around the outside of the survey building(s) ensuring as many aspects as possible were visible and that bats entering or exiting the structure(s) would be readily observed. The surveyors and camera rig positions for the surveys are shown in Figures 2 and 3.

2.2.1 Equipment Used

Survey 1

- Elekon Batlogger M2 bat detector x 6
- Guide Thermal TK612 thermal imaging monocular camera x6

Survey 2

- Elekon Batlogger M2 bat detector x4
- Elekon Batlogger M bat detector x1
- Elekon Batlogger A+ bat detector x1
- Guide Thermal TK612 thermal imaging monocular camera x6

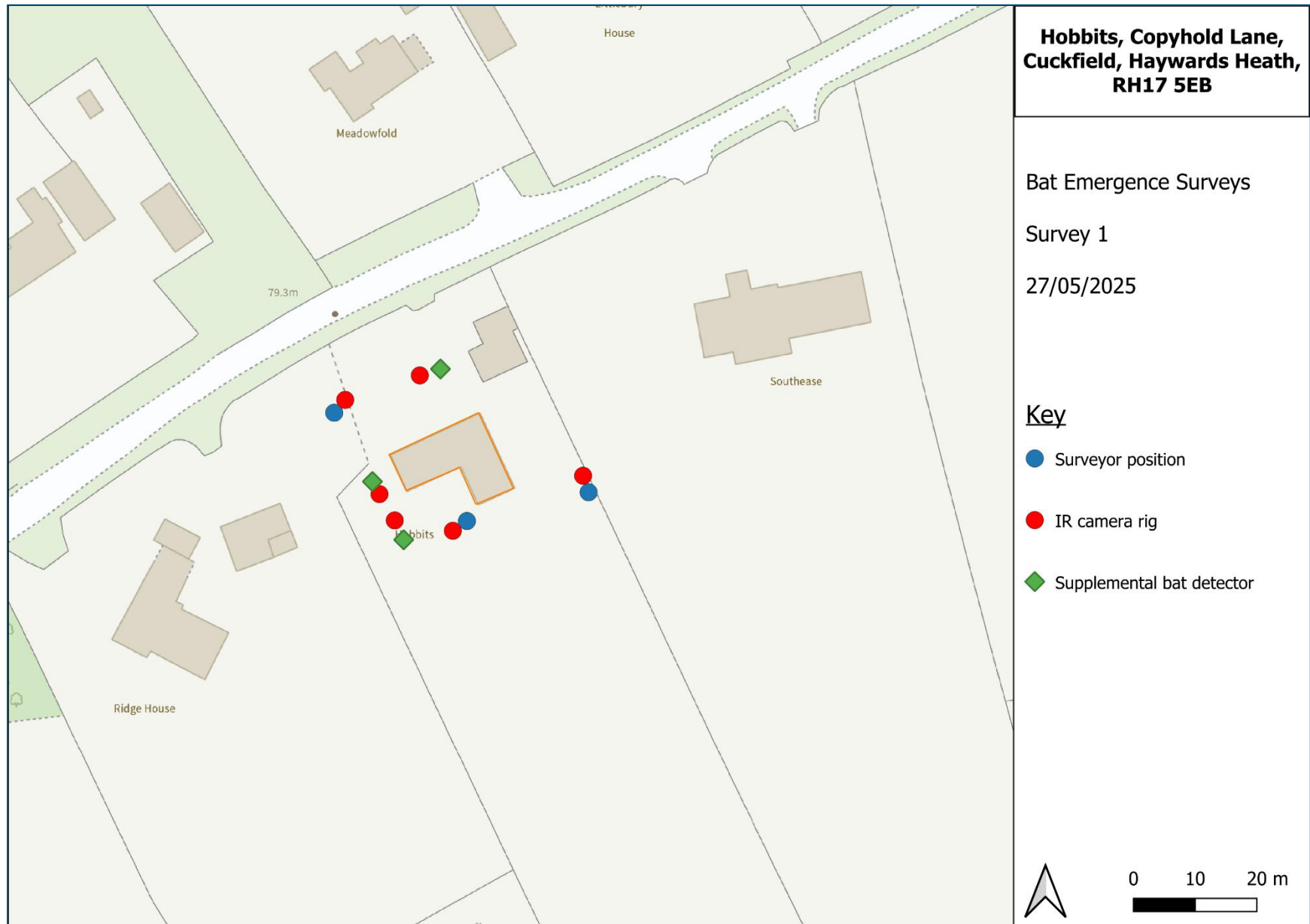


Figure 2: Survey locations on survey 1.

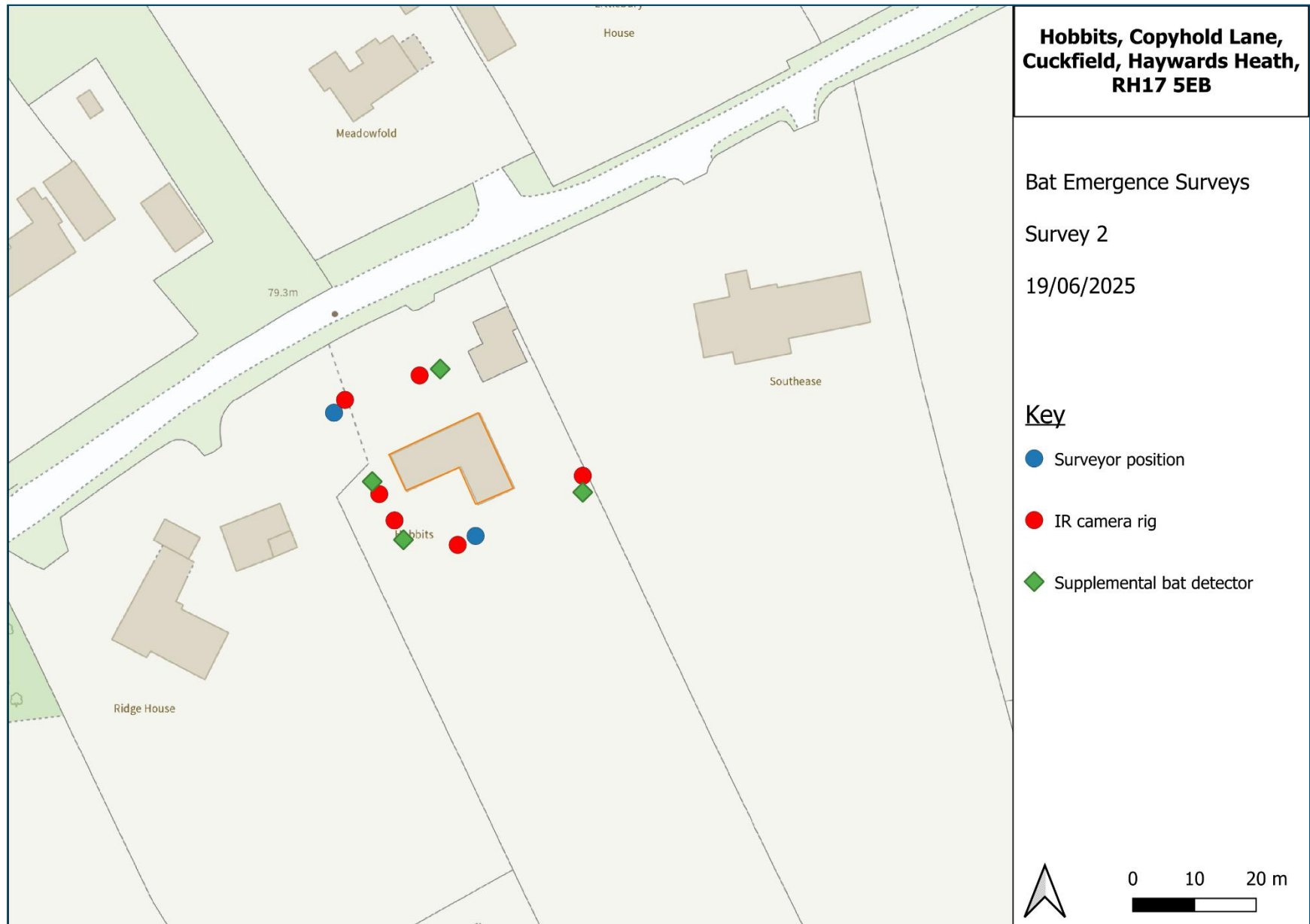


Figure 3: Survey locations on survey 2.

3. Results

3.1 Preliminary Roost Assessment

Following the preliminary roost assessment conducted by JW Biodiversity Management the main house (B1) was assessed as having a moderate potential to support a bat roost. This was due to the presence of several external features with potential to support small numbers of roosting bats. No evidence of bats was seen during the interior inspection.

B2 and B3 were assessed as having a low potential to support a bat roost. However, as these will not be impacted by the proposed development bat surveys were not undertaken at this time.

3.2 Bat Emergence Survey Results

3.2.1 Weather Conditions

The table below sets out the weather parameters encountered during the surveys.

Date	Start time	End time	Sunset time	Temp (°C)	Wind (Beaufort)	Rain
27/05/2025	20:45	22:30	21:00	14	1	0
19/06/2025	21:03	22:48	21:18	22- 18	0	0

Table 1: Weather conditions during surveys.

3.2.2 Survey Data collection

Location of survey positions are shown in figures 2- 3.

Traditional survey results forms are filled out by each surveyor prior to the survey start time but only notable occurrences are recorded on the traditional results forms for the purpose of assisting the video review team. Surveyors are encouraged not to record general activity on these forms to ensure that they are distracted as little as possible from watching Potential Roosting Features (PRF) for emerging bats. Notes on general activity such as location, appearance, and foraging and commuting activity are recorded in the summary section by the surveyors at the end of each survey. The taking of 'voice notes' on the Batlogger M2 detectors is encouraged to record memorable bat activity as a direct replacement of writing details into traditional survey forms to allow eyes to remain fixed on PRF.

Bat calls are automatically recorded by the ultrasonic bat detectors to determine which species of bats are active in and around the survey site and to confirm which species of bat (if any) emerged from roosting spaces.

Post-operative sound analysis is carried out using BatExplorer software and this analysis is itself reviewed by sending the sound recordings to the BTO Acoustic Pipeline automated acoustic processing service. A screenshot of the bat recordings taken from the BatExplorer programme is provided in the appendix in addition to the traditional survey forms and a screenshot of the BTO Acoustic Pipeline results.

Where bats have been identified during a survey, the UK Bat Mitigation Guidelines (CIEEM 2023) assessment criteria and BCT Good Practice Guidelines as well as professional judgement have been used to assign a level of importance to the bat roosts identified and assess the importance of bat assemblages and commuting and foraging habitats in order to:

- predict the level of impact on bats; and
- determine suitable and proportionate avoidance, mitigation and enhancement measures.

3.2.3 Survey Results

Following two bat emergence surveys and analysis of the data and footage the following results were recorded:

- Five species of bats were recorded including: common pipistrelle *Pipistrellus pipistrellus*, soprano pipistrelle *Pipistrellus pygmaeus*, brown long eared bat *Plecotus auritus*, Daubenton's bat *Myotis daubentonii* and a possible unidentified myotis bat *Myotis sp.*
- Moderate activity was recorded during the survey including foraging and/or commuting on site; and
- A peak count of one common pipistrelle and one brown long eared bat were observed emerging from the survey building during survey one.

The figure below gives an indication of the bat activity (flight lines) which was observed during the surveys. The bat emergent points are shown in the figures below.



Figure 4: emergence of common pipistrelle at 21:05 taken from the southwest (survey1)



Figure 5: emergence of brown long eared bat at 21:39 taken from the southwest (survey 1)

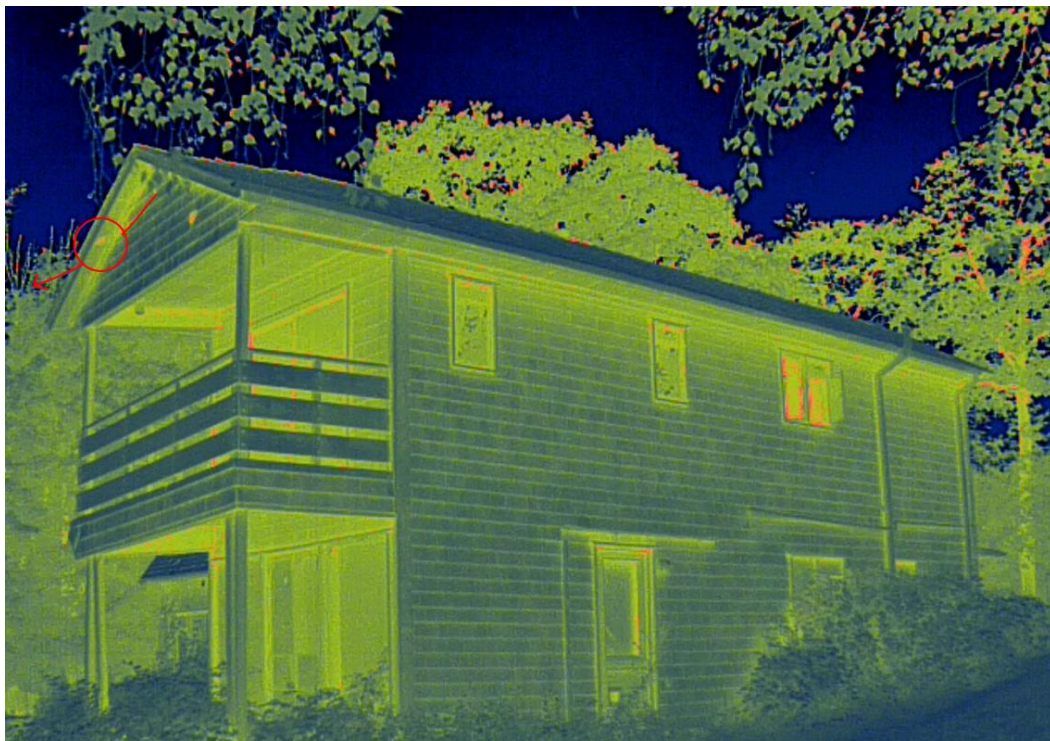


Figure 6: emergence of common pipistrelle at 21:31 taken from the southwest (survey 2).



Figure 7: Survey summary.

4. Discussion

4.1 Roost Characterisation

Over the two emergence surveys a peak count of one common pipistrelle and one brown long eared bat were observed emerging from the survey building during survey one. A single pipistrelle emerged during the second survey.

The results of the two surveys would indicate that there are 2x common pipistrelle day roosts and 1x brown long-eared day roost locations present within B1.

The classification of a day roost is in line with the BCT description of a day roost⁵, table 7 below summarises the different roost types.

No other emergences were recorded from B1.

Roost Type	Natural England Definition
Day Roost	A place where individual bats, or small groups of males, rest or shelter in the day but are rarely found by night in the summer
Night Roost	A place where bats rest or shelter in the night but are rarely found in the day. May be used by a single individual on occasion or it could be used by the whole colony
Feeding Roost	A place where individual bats or a few individuals rest or feed during the night but are rarely present by day
Transitional/ Occasional Roost	Used by a few individuals or occasionally small groups for generally short periods of time on waking from hibernation or in the period prior to hibernation.
Maternity Roost	Where female bats give birth and raise their young to independence
Hibernation Roost	Where bats may be found individually or together during winter. They have a constant cool temperature and high humidity
Satellite Roost	An alternative roost found in close proximity to the main nursery colony used by a few individual breeding females to small groups of breeding females throughout the breeding season.

Table 2: Roost Type Definitions (BCT 2023).

⁵ Collins J. (ed) (2023) Bat Surveys for Professional Ecologists: Good Practice Guidelines (4th Edition). The Bat Conservation Trust, London).

3.3 Bat Forging and Commuting Habitat

Five species of bat was recorded. The table below summarises the habitat preferences and distribution status of these species.

Species	Habitat Preferences ⁶	Distribution Status in UK ⁷
Common pipistrelle	Shows preference to deciduous woodland but a generalist using a wide range of habitats.	Native, common across the UK. Population estimate: UK 2,430,000; GB1,280,000. Common pipistrelle is regarded as one of Britain's most common bats. This situation is local, regional and national.
Soprano pipistrelle	Tends to select riparian habitats over other habitat types available. Also recorded in areas with trees or woodland.	Native, common across the UK. Population estimate: UK 1,300,000; GB 720,000. Soprano pipistrelle is regarded as one of Britain's most common bats.
Brown long eared	Found across the UK, the brown long-eared bat prefers light woodland. It also visits gardens in its search for food, but it avoids built-up areas.	Native, common. Population estimate: UK 245,000; England 155,000. Brown long-eared bats have been recorded across the UK.
Daubenton's	This species prefers to forage over water, particularly favours riverine habitats. Also known to forage in woodland.	Native, common throughout much of the UK. Population estimate: UK 560,000; England 95,000. This species is a good indicator of riparian habitat management and water quality.

Table 2: Summary of Bat species found on site.

In addition to the species above an unidentified myotis species was recorded.

Bats were recorded foraging around the building using the trees and grassland habitats. The wider landscape contains wetland and woodlands which likely contribute to the bats being on site.

⁶ Collins, J. (ed) (2023). Bat Surveys for professional Ecologists; Good Practice Guidelines (4th edn). The Bat Conservation Trust, London.

⁷ <https://data.jncc.gov.uk/data/dccc3cfa-46c7-4ea9-97da-e8dc9002d8bc/tracking-mammals-partnership-first-report-2005.pdf>

3.4 Potential Impacts

If the development was to proceed without further mitigation or compensation measures it would have the following potential impacts;

- Loss of 2x common pipistrelle day roosts
- Loss of 1 x brown long eared day roost
- Disturbance to bat commuting and foraging habitat.

These impacts would have a long-term effect on the local bat population. Therefore, appropriate mitigation measure are required to ensure any impacts are mitigated or adequately compensated.

4. Mitigation & Recommendations

4.1 European Protected Species Mitigation Licensing

As the proposed works will result in unavoidable unlawful impacts to bats and their roosts, it will be necessary to obtain a bat licence in order for the proposed works to proceed lawfully. To obtain a licence, the applicant will need to demonstrate that appropriate mitigation measures and proportional compensation will be implemented to account for the impacts of the development.

Once obtained, the bat licence would permit actions that would otherwise be unlawful (i.e. disturbance of bats and temporary exclusion of a roost) and the development may proceed under the terms set out in the licence method statement and under the supervision of a licensed bat ecologist.

This site likely qualifies for a 'low impact' licence. To qualify for a low impact bat licence, you can damage and destroy no more than 3 low conservation status roosts. Of these roosts, you can disturb and capture, in appropriate small numbers, no more than 3 common species of:

- common pipistrelle
- soprano pipistrelle
- brown long-eared
- whiskered
- Brandt's
- Daubenton's
- Natterer's

The roosting sites recorded are all considered low conservation status of common species. Only three locations were recorded.

Therefore it is likely that the site qualifies for a low impact licence.

4.2 Mitigation Strategy

4.2.1 Mitigation Hierarchy

The mitigation hierarchy, as described within the National Planning Policy Framework (NPPF, 2021), was followed in designing this Mitigation Strategy. As such, impacts to bats are, in the first instance, avoided; then, adequately mitigated for; or, as a last resort, they are proportionally compensated.

The following actions are recommended to reduce potential impacts to and bat habitats.

4.2.2 Cautious Methodology

It should be noted that bat absence is very difficult to prove definitively due to their mobility and size, and single or small numbers of bats are able to roost in extremely small spaces, such as in gaps between panels. The development work should be undertaken with care; hand removal/soft strip of all roof coverings and other features suitable for use by bats including tiles, cladding and soffit boards and the installation of compensatory roosting features must be undertaken under the direct supervision of a licensed ecologist.

It is likely that all works within 5m of the known roosting space will be supervised by a licensed bat worker to ensure there is no inadvertent damage of the bat roost and that works are undertaken within the times stipulated. The licensed bat worker will provide a summary report of actions undertaken to be presented to the Local Planning Authority. The area that will likely require dismantling by hand is shown below.

4.2.3 Lighting

Lighting can adversely impact bats⁸. Guidelines provided by the Bat Conservation trust should be followed⁹ during construction to avoid unnecessary illumination. Lighting should also be considered post-development with any external lighting positioned so as not to illuminate potential habitat for bats. The impact of lighting on bats can be minimised by;

- Using Low-pressure sodium lamps instead of high- pressure sodium or mercury lamps;
- Maintaining the brightness as low as possible;
- Directing the lighting to where it is needed to avoid light spillage;
- All luminaires used will lack UV elements when manufactured. Metal halide, fluorescent sources will not be used.
- LED luminaires will be used due to their sharp cut-off, lower intensity, good colour rendition and dimming capability.
- A warm white spectrum (ideally <2700 Kelvin) must be adopted to reduce blue light component.
- Luminaires must feature peak wavelengths higher than 550nm to avoid the component of light most disturbing to bats.
- Minimising upward lighting to avoid light pollution.
- Avoid illuminating the wider habitats on site, at dusk or nighttime- Guidelines provided by the Bat Conservation trust and ILP should be followed¹⁰

⁸ Fure (2006), Bats and lighting, The London Naturalist, No. 85, 2006

⁹ http://www.bats.org.uk/pages/bats_and_lighting.html

¹⁰ <https://www.theilp.org.uk/documents/guidance-note-8-bats-and-artificial-lighting/>

4.2.3 Retention and Enhancement of Habitats

The trees and hedgerows on site should be retained.

Additional native tree and hedgerow planting should be including in the landscaping proposals to provide additional bat foraging habitat.

4.2.4 Additional Roost Provision

Suitable bat roost replacement will be required as part of the required bat licence. JW Biodiversity understands that due to the design of the proposed building it will be difficult to incorporate integrated bat boxes. Therefore it is recommended that a long lasting bat box such as Beaumaris Woodstone Bat Box be used (see picture below), and installed on the retained buildings or in the existing trees.



Figure 8: Beaumaris Bat Box.

See bat conservation trust guidelines around positioning bat boxes¹¹. In summary, locate boxes:

- Where bats are known to feed and navigate (close to hedges and tree lines);
- Ideally at least 3m- 4m above the ground (where safe installation is possible);
- Away from artificial light sources (to protect them from predation); and
- Sheltered from strong winds and exposed to the sun for part of the day (usually south, south-east or south-west).

¹¹ http://www.bats.org.uk/pages/bat_boxes.html

5. Conclusions

In conclusion, following one dusk emergence surveys, the target building at the Summer Lodge in Cuckfield is considered as supporting 3x day roosts of two species of bat.

It is recommended that habitats be retained and protected on site during construction.

Recommendations around suitable lighting and inclusion of artificial roosts has also been made.

6. Appendix

6.1 Appendix 1: Bat Survey Data

Surveyor recording forms and corresponding raw data Survey 1

BAT SURVEY FORM 2025		Surveyor name	CB
Site Name-visit no.	Summer Lodge 1	Date	27/05/2025
Start Time	20:45	Finish Time	22:30
Sunset Time	21:00	Detector number/colour	Blue
Position Relative to Structure	South	Weather Conditions pre sunset	Cloud 100%, light rain and moderate wind
Air Temperature Start	14	Air Temperature End	14
Brief summary (fill out at end of survey)	Low levels of foraging from p45 & P55 to the south/southwest of the building. Some commuting observed around the building		
*Shorthand: Common Pipistrelle = P45; Soprano Pipistrelle = P55 Brown/Grey long eared = LE; All Myotis = myo followed by single letter; Greater Horseshoe - GHS; Greater Noctule = Noc; Leislers Noctule = Leis; Serotine = se			
**Shorthand - 'NS' = not seen; 'SNH' = seen not heard; 'E' = emergence; 'R' = return; 'F' = foraging; 'C' = commuting.			
Time	Species*	Activity**	Notes including flight direction (if seen)
21:04	p45	HNS	
21:20	P55	F	
	Myotis		Confirmed as present during sound analysis

Play/Del	Recording	Recorded	Sugg. Genus 1	Peak Freq	Max Freq	Min Freq	Call	Call shape	Location
▶	05190000	27/05/2025 21:04:31	Pipistrellus sj	47.2	55.0	45.7	5.0	fm-d(4),c	50.99689 / -0.13505
▶	05190001	27/05/2025 21:05:26	Pipistrellus sj	47.0	54.8	46.2	5.4	fm-d(3),c	50.9969 / -0.13506
▶	05190002	27/05/2025 21:05:47	Pipistrellus sj	57.1	61.9	56.3	4.8	fm-d(2),c	50.99689 / -0.13504
▶	05190003_1	27/05/2025 21:12:41	Pipistrellus sj	49.0	63.1	47.3	4.0	fm-d(6),f	50.9969 / -0.13504
▶	05190003_2	27/05/2025 21:12:41	Pipistrellus sj	55.1	69.4	47.6	2.7	fm-d(1)	50.9969 / -0.13504
▶	05190004	27/05/2025 21:15:09	Pipistrellus sj	45.4	55.8	44.5	5.0	fm-d(7),c	50.99689 / -0.13505
▶	05190005_1	27/05/2025 21:16:01	Pipistrellus sj	48.7	61.0	47.0	4.0	fm-d(5),f	50.99685 / -0.13506
▶	05190005_2	27/05/2025 21:16:01	-	89.3	90.8	87.8	5.5	cf-n(1)	50.99685 / -0.13506
▶	05190006	27/05/2025 21:20:01	Pipistrellus sj	56.6	67.0	55.6	5.0	fm-d(7),c	50.99687 / -0.13509
▶	05190007	27/05/2025 21:20:21	Pipistrellus sj	56.1	63.2	54.6	5.0	fm-d(17)	50.99687 / -0.13511
▶	05190008	27/05/2025 21:20:27	Pipistrellus sj	56.7	81.4	55.3	4.0	fm-d(10)	50.99687 / -0.13509
▶	05190009	27/05/2025 21:20:38	Pipistrellus sj	57.2	65.1	55.1	6.4	fm-d(2)	50.99685 / -0.1351
▶	05190010	27/05/2025 21:20:42	Pipistrellus sj	56.1	62.4	54.5	5.0	fm-d(4),c	50.99685 / -0.13509
▶	05190011	27/05/2025 21:20:48	Pipistrellus sj	56.5	62.3	55.5	5.0	cf-e(2),fn	50.99685 / -0.1351
▶	05190012	27/05/2025 21:20:54	Pipistrellus sj	56.3	69.9	54.6	4.0	fm-d(11)	50.99685 / -0.13511
▶	05190013	27/05/2025 21:21:00	Pipistrellus sj	56.4	66.9	55.2	5.1	fm-d(5),f	50.99684 / -0.13511
▶	05190014	27/05/2025 21:21:15	Pipistrellus sj	56.4	69.9	55.1	4.0	fm-d(13)	50.99686 / -0.13511
▶	05190015	27/05/2025 21:24:10	Pipistrellus sj	56.1	70.4	55.2	4.0	fm-d(16)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	05190016_1	27/05/2025 21:25:04	Myotis spec.	41.6	59.8	29.8	4.0	fm-l(14),	50.99686 / -0.13505
▶	05190016_2	27/05/2025 21:25:04	Myotis spec.	50.5	67.7	32.9	3.0	fm-l(7),fr	50.99686 / -0.13505
▶	05190017	27/05/2025 21:28:18	Pipistrellus sj	47.5	57.0	46.6	4.0	fm-d(8),c	50.99688 / -0.13506
▶	05190018	27/05/2025 21:50:33	Pipistrellus sj	48.7	61.1	46.8	3.0	fm-d(7),f	50.99685 / -0.13505
▶	05190019	27/05/2025 21:50:40	Pipistrellus sj	49.1	61.6	47.4	3.0	fm-d(4),f	50.99685 / -0.13504
▶	05190020	27/05/2025 21:50:53	Pipistrellus sj	48.1	57.6	47.1	3.0	fm-l(8),fr	50.99686 / -0.13505
▶	05190021	27/05/2025 21:50:56	Myotis spec.	48.4	56.7	47.1	3.0	fm-l(7),fr	50.99686 / -0.13505
▶	05190022_1	27/05/2025 22:04:28	Pipistrellus sj	49.3	59.2	47.1	4.0	fm-d(3),c	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	05190022_2	27/05/2025 22:04:28	-	25.1	34.1	13.1	1.1	fm-l(1)	50.99691 / -0.13509
▶	05190023	27/05/2025 22:06:24	Pipistrellus sj	50.3	59.6	47.4	4.0	fm-d(7),f	50.99692 / -0.13508
▶	05190024_1	27/05/2025 22:12:35	Pipistrellus sj	56.6	60.7	55.6	4.0	fm-d(4),c	50.99687 / -0.13508
▶	05190024_2	27/05/2025 22:12:35	-	20.6	33.8	19.1	2.1	fm-l(1)	50.99687 / -0.13508
▶	05190025	27/05/2025 22:19:37	-	0.0	0.0	0.0	0.0		50.99684 / -0.13504
▶	05190026	27/05/2025 22:22:03	Pipistrellus sj	49.4	58.1	48.0	3.0	fm-l(7),cl	50.99686 / -0.13505
▶	05190027	27/05/2025 22:22:10	Myotis spec.	48.8	55.7	46.4	4.0	fm-d(3),f	50.99686 / -0.13504
▶	05190028	27/05/2025 22:22:58	Pipistrellus sj	48.3	54.4	47.1	5.0	fm-d(4),c	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	05190029	27/05/2025 22:23:02	Pipistrellus sj	49.5	59.8	47.6	4.0	fm-d(7),f	50.99694 / -0.13513
▶	05190030	27/05/2025 22:24:28	Pipistrellus sj	48.8	53.6	47.4	4.0	fm-d(4),c	50.99691 / -0.13511
▶	05190031_1	27/05/2025 22:27:48	Pipistrellus sj	44.6	51.5	43.3	5.7	cf-e(2),fn	50.99685 / -0.13503
▶	05190031_2	27/05/2025 22:27:48	Eptesicus spe	31.1	34.1	29.6	9.6	cf-n(1)	50.99685 / -0.13503
▶	05190032_1	27/05/2025 22:28:00	Pipistrellus sj	43.5	50.0	42.4	5.0	fm-d(5),c	50.99686 / -0.13501
▶	05190032_2	27/05/2025 22:28:00	-	58.1	65.6	46.5	1.6	fm-l(1)	50.99686 / -0.13501
▶	05190033	27/05/2025 22:28:12	Pipistrellus sj	44.3	58.3	43.2	5.0	fm-d(8),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	05190034	27/05/2025 22:28:35	Pipistrellus sj	47.3	51.6	46.3	5.2	fm-d(3),c	50.99688 / -0.13504
▶	05190035	27/05/2025 22:29:03	Pipistrellus sj	45.8	56.3	43.0	6.0	fm-d(4)	50.99688 / -0.13506
▶	05190036	27/05/2025 22:29:17	Pipistrellus sj	45.1	52.5	43.8	4.0	fm-d(7),f	50.99691 / -0.13509
▶	05190037_1	27/05/2025 22:29:54	Pipistrellus sj	45.2	54.5	42.9	4.0	fm-d(4),c	50.99687 / -0.135
▶	05190037_2	27/05/2025 22:29:54	Plecotus spei	30.4	44.9	23.1	6.0	fm-d(3),c	50.99687 / -0.135
▶	05190038	27/05/2025 22:30:09	Pipistrellus sj	45.4	62.2	43.5	4.0	fm-d(14)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	05190039_1	27/05/2025 22:30:31	Pipistrellus sj	57.2	63.6	55.9	4.0	fm-d(8),c	50.99685 / -0.13502
▶	05190039_2	27/05/2025 22:30:31	Pipistrellus sj	45.1	53.0	42.8	7.0	fm-d(3),c	50.99685 / -0.13502
▶	05190040	27/05/2025 22:30:47	Pipistrellus sj	56.1	60.4	54.6	7.2	cf-n(2)	50.99687 / -0.13502
▶	05190041	27/05/2025 22:30:48	Pipistrellus sj	55.9	67.5	55.3	5.8	fm-d(4),c	50.99687 / -0.13503
▶	05190042	27/05/2025 22:30:54	Pipistrellus sj	56.5	65.6	55.0	5.0	fm-d(7),c	50.99688 / -0.13502
▶	05190043	27/05/2025 22:30:58	Pipistrellus sj	56.0	59.4	54.8	4.0	fm-d(2),c	50.99689 / -0.13502
▶	05190044_1	27/05/2025 22:31:01	Pipistrellus sj	56.1	62.6	54.9	5.0	fm-d(7),c	50.99689 / -0.13502
▶	05190044_2	27/05/2025 22:31:01	-	33.4	33.8	33.0	4.8	cf-e(1)	50.99689 / -0.13502

BAT SURVEY FORM 2025		Surveyor name	KT
Site Name- visit no.	Summer Lodge	Date	27/05/2025
Start Time	20:45	Finish Time	22:30
Sunset Time	21:00	Detector number/colour	orange D, purple C
Position Relative to Structure	NNW	Weather Conditions pre sunset	light rain, moderate breeze, cloud 100%
Air Temperature Start	14°C	Air Temperature End	14° C
Brief summary (fill out at end of survey)	2 possible emergences, lots of other activity (mainly p45 and p55, one possible LE detection, but not seen)		
*Shorthand: Common Pipistrelle = P45; Soprano Pipistrelle = P55 Brown/Grey long eared = LE; All Myotis = myo followed by single letter; Greater Horseshoe - GHS; Greater Noctule = Noc; Leislars Noctule = Leis; Serotine = se **Shorthand - 'NS' = not seen; 'SNH' = seen not heard; 'E' = emergence; 'R' = return; 'F' = foraging; 'C' = commuting.			
Time	Species*	Activity**	Notes including flight direction (if seen)
21.09	45	E	I think it emerged from the right hand side of the front door
21:09		C	Amended to a commuting bat during video analysis
21.16	no echo	F/C	foraged from N to S in front of house but didn't echo locate
21.16	p45	ns	
21.18	p45	E	to left of front door, then foraged in front of the house intermittently
21:18		F	Amended to a commuting bat before it began to forage in front of the house during video analysis

21.20	p55	NS	
21,28	P45	F	to West of structure
21.32	45khz	C from north to South over the top of the house.	
21:32	Myotis		Amended to a myotis bat during sound analysis
21.51	27.4 khz	ns	check came
21,52	45 khz	ns	
22.02	45 khz	ns	
22.04	55 khz	ns	
22.05	50.6 khz	ns	
22,06	51.4 khz	ns	
22,12	59,6 khz	ns	
22.19	P55	F	foraging over my head (under trees) to west
22.21/23	P55	NS	stayed foraging a couple of minutes
22.28	45 khz	ns	
22.28	51 khz	ns	
	Myotis		Confirmed as present during sound analysis

Play	Dele	Recording	Recorded	Sugg. Genus 1	Peak Freq	Max Freq	Min Freq	Call	Call shape	Location
▶	16800000	27/05/2025	21:04:03	-	56.1	64.1	45.1	2.8	fm-d(2),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800001	27/05/2025	21:05:21	Pipistrellus sj	48.6	77.1	47.3	3.0	fm-l(3),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800002_1	27/05/2025	21:06:26	-	44.3	77.1	35.8	3.4	fm-d(2),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800002_2	27/05/2025	21:06:26	-	52.5	55.5	38.6	1.6	fm-l(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800003_1	27/05/2025	21:06:33	Myotis spec.	46.2	68.7	32.3	3.0	fm-l(14),	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800003_2	27/05/2025	21:06:33	-	77.3	91.5	53.6	1.6	fm-l(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800004_1	27/05/2025	21:07:13	Pipistrellus sj	48.2	62.4	40.9	4.7	fm-d(2),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800004_2	27/05/2025	21:07:13	-	59.3	68.3	41.3	2.7	fm-l(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800005_1	27/05/2025	21:07:21	Myotis spec.	45.1	71.8	28.8	3.0	fm-l(15),	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800005_2	27/05/2025	21:07:21	-	55.3	83.8	27.4	3.2	fm-a(1),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800006	27/05/2025	21:07:38	Myotis spec.	47.7	73.6	35.7	3.0	fm-d(5),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800007_1	27/05/2025	21:07:47	Myotis spec.	46.0	68.0	32.8	4.5	fm-l(4),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800007_2	27/05/2025	21:07:47	-	53.3	63.8	45.4	1.6	fm-l(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800007_3	27/05/2025	21:07:47	-	74.6	90.8	54.8	1.6	fm-l(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800008_1	27/05/2025	21:07:50	Pipistrellus sj	48.4	56.3	42.9	4.8	fm-a(1),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800008_2	27/05/2025	21:07:50	-	52.9	65.3	50.3	1.6	fm-l(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800009	27/05/2025	21:07:52	Myotis spec.	51.5	92.7	38.3	4.3	fm-l(3),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800010_1	27/05/2025	21:09:22	-	50.5	77.0	28.3	4.1	fm-l(2),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800010_2	27/05/2025	21:09:22	Myotis spec.	43.9	84.4	28.9	3.7	fm-l(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800011	27/05/2025	21:09:26	Myotis spec.	57.8	85.3	36.4	4.0	fm-l(6)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800012_3	27/05/2025	21:09:48	-	70.1	78.4	47.3	1.1	fm-l(1)	Ridge House, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800012_1	27/05/2025	21:09:48	Myotis spec.	43.3	54.2	33.9	2.0	fm-l(6),fr	Ridge House, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800012_2	27/05/2025	21:09:48	-	56.8	76.7	40.3	3.5	fm-a(1),f	Ridge House, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800013_1	27/05/2025	21:09:52	-	41.1	53.1	28.7	3.2	fm-l(1),fr	Ridge House, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800013_2	27/05/2025	21:09:52	Myotis spec.	51.0	80.3	26.6	3.2	fm-l(1)	Ridge House, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800014	27/05/2025	21:09:57	-	56.6	84.0	44.6	3.2	fm-a(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800015_1	27/05/2025	21:10:47	Myotis spec.	48.9	62.8	33.0	3.0	fm-l(7),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800015_2	27/05/2025	21:10:47	-	27.4	34.5	12.0	1.1	fm-l(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800016_1	27/05/2025	21:10:54	Myotis spec.	42.5	52.7	31.7	3.0	fm-l(3),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800016_2	27/05/2025	21:10:54	-	47.6	63.8	30.8	2.1	fm-l(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800017_2	27/05/2025	21:10:58	-	70.5	99.4	53.3	2.1	fm-l(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800017_1	27/05/2025	21:10:58	Myotis spec.	46.8	60.7	30.5	2.8	fm-l(3),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800018_1	27/05/2025	21:12:34	Pipistrellus sj	48.7	60.5	46.9	4.0	fm-d(6),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800018_2	27/05/2025	21:12:34	-	55.1	68.3	49.9	1.6	fm-l(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800019	27/05/2025	21:15:56	-	85.1	89.6	82.5	4.8	cf-n(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800020	27/05/2025	21:16:04	Pipistrellus sj	48.8	52.6	47.5	4.8	cf-n(2),cf	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800021	27/05/2025	21:16:07	Pipistrellus sj	48.5	56.5	46.8	4.0	fm-d(7),c	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800022	27/05/2025	21:16:12	Pipistrellus sj	49.1	65.0	47.4	5.0	fm-d(11)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800023_2	27/05/2025	21:17:42	-	52.9	66.4	41.3	2.1	fm-l(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800023_1	27/05/2025	21:17:42	Myotis spec.	45.0	65.9	30.8	3.0	fm-d(3),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800024_2	27/05/2025	21:18:43	Myotis spec.	56.3	70.1	49.8	2.3	fm-l(2),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800024_1	27/05/2025	21:18:43	Pipistrellus sj	48.9	64.8	47.2	3.0	fm-d(8),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800025	27/05/2025	21:18:54	Pipistrellus sj	49.9	67.1	47.0	3.0	fm-d(7),c	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800026	27/05/2025	21:20:10	-	0.0	0.0	0.0	0.0		Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800027	27/05/2025	21:20:15	Pipistrellus sj	57.8	60.5	55.0	5.2	fm-d(2),c	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800028	27/05/2025	21:21:08	-	88.5	89.3	82.5	4.3	fm-d(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800029	27/05/2025	21:24:02	Pipistrellus sj	58.6	67.4	56.4	3.0	cf-n(6),fr	Ridge House, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800030_1	27/05/2025	21:24:36	Nyctalus spe	23.6	24.0	22.1	5.0	cf-e(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800030_2	27/05/2025	21:24:36	-	85.1	85.5	82.1	6.5	cf-n(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800031	27/05/2025	21:28:09	Pipistrellus sj	48.6	52.9	46.9	3.5	fm-d(3)	50.99705 / -0.13545
▶	16800032	27/05/2025	21:28:11	Pipistrellus sj	50.0	62.7	47.3	3.0	fm-d(12)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800033	27/05/2025	21:32:30	Myotis spec.	39.9	66.5	28.7	4.0	fm-l(27),	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800034	27/05/2025	21:35:48	-	86.0	88.6	82.0	4.4	cf-n(1),cf	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800035	27/05/2025	21:41:03	Pipistrellus sj	48.4	51.0	47.6	3.2	fm-l(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800036	27/05/2025	21:51:46	-	21.4	28.1	12.0	5.3	fm-d(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5

▶	16800037	27/05/2025 21:52:48	Pipistrellus sq	46.1	62.0	45.2	5.0	fm-d(32)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800038_1	27/05/2025 22:02:57	Pipistrellus sq	43.6	59.7	42.1	4.0	fm-d(18)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800038_2	27/05/2025 22:02:57	Pipistrellus sq	52.1	65.3	42.8	5.3	cf-n(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800039	27/05/2025 22:04:34	Pipistrellus sq	49.9	73.3	48.8	4.0	fm-d(11)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800040_1	27/05/2025 22:05:18	Myotis spec.	50.8	58.2	49.1	3.0	fm-l(6),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800040_2	27/05/2025 22:05:18	-	92.8	95.1	86.8	3.7	fm-l(1),cl	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800041	27/05/2025 22:06:15	Myotis spec.	49.2	55.0	47.9	5.2	fm-l(4),cl	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800042_1	27/05/2025 22:10:35	Myotis spec.	46.9	60.9	36.9	3.0	fm-l(31),	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800042_2	27/05/2025 22:10:35	-	19.1	25.1	12.0	2.7	fm-l(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800042_3	27/05/2025 22:10:35	Myotis spec.	55.1	67.9	41.6	2.7	fm-l(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800043	27/05/2025 22:12:39	Pipistrellus sq	58.7	90.9	57.2	4.0	fm-d(9),c	50.99706 / -0.13547
▶	16800044	27/05/2025 22:14:28	-	70.9	71.3	70.5	60	cf-e(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800045	27/05/2025 22:19:41	Myotis spec.	59.8	108.5	56.0	3.0	fm-l(51),	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800046	27/05/2025 22:19:56	Myotis spec.	58.5	83.9	57.2	3.0	fm-l(5),fr	50.99706 / -0.13543
▶	16800047	27/05/2025 22:21:55	Pipistrellus sq	50.4	55.1	48.6	4.8	fm-d(1),f	50.99706 / -0.13542
▶	16800048	27/05/2025 22:21:58	Pipistrellus sq	50.0	66.6	48.5	5.0	fm-d(14)	50.99706 / -0.13542
▶	16800049	27/05/2025 22:23:08	Pipistrellus sq	49.7	84.5	48.4	5.0	fm-d(12)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800050	27/05/2025 22:24:17	Pipistrellus sq	50.0	73.5	48.5	5.0	fm-d(10)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800051	27/05/2025 22:28:07	Pipistrellus sq	45.9	57.1	44.1	3.8	fm-l(4),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800052	27/05/2025 22:28:41	Pipistrellus sq	52.1	56.3	49.5	3.2	fm-l(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800053_1	27/05/2025 22:28:46	Myotis spec.	50.2	58.6	48.9	3.0	fm-l(5),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800053_2	27/05/2025 22:28:46	-	31.3	35.1	12.0	2.7	fm-l(1),cl	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800054	27/05/2025 22:29:59	Pipistrellus sq	44.4	74.3	43.2	4.0	fm-d(15)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800055_1	27/05/2025 22:30:17	-	87.0	91.3	83.4	4.8	fm-a(1),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800055_2	27/05/2025 22:30:17	-	57.4	63.0	56.6	4.3	fm-l(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800056	27/05/2025 22:30:19	Myotis spec.	59.5	68.4	57.7	3.0	fm-l(6),fr	50.99702 / -0.13547

BAT SURVEY FORM 2025		Surveyor name	JC
Site Name-visit no.	Summer Lodge 1	Date	27/05/2025
Start Time	20:45	Finish Time	22:30
Sunset Time	21:00	Detector number/colour	purple/ tk red
Position Relative to Structure	SE corner	Weather Conditions pre sunset	light rain gusty 100% cloud
Air Temperature Start	14	Air Temperature End	14
Brief summary (fill out at end of survey)	moderate foraging. p45 and p55 present. no emergences witnessed.		
*Shorthand: Common Pipistrelle = P45; Soprano Pipistrelle = P55 Brown/Grey long eared = LE; All Myotis = myo followed by single letter; Greater Horseshoe - GHS; Greater Noctule = Noc; Leislers Noctule = Leis; Serotine = se			
**Shorthand - 'NS' = not seen; 'SNH' = seen not heard; 'E' = emergence; 'R' = return; 'F' = foraging; 'C' = commuting.			
Time	Species*	Activity*	Notes including flight direction (if seen)
21:05	P45	E	Emergence observed during video analysis
21:16	p45	hns	1 pass
21:19	p45	c	s-n along e side
21:25	51khz	c	n-s along e
21:39	BLE	E	Emergence observed during video analysis
21:53	p45	hns	1 pass
22:03	p45	hns	1 pass
22:17	p45	hns	2 passes
	Myotis		Confirmed as present during sound analysis

BLE

Confirmed as present during sound analysis – first recorded on this detector at 21:39 (same time as the emergence)

Play/Delete	Recording	Recorded	Subg. Genus 1	Peak Freq	Max Freq	Min Freq	Call	Call shape	Location
▶	06020000	27/05/2025 20:53:07	-	0.0	0.0	0.0	0.0	-	
▶	06020001	27/05/2025 20:54:15	-	90.0	93.4	89.3	5.5	fm-d(1)	Southeast, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH11
▶	06020002	27/05/2025 20:54:31	-	0.0	0.0	0.0	0.0		Southeast, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH11
▶	06020003	27/05/2025 20:55:54	-	89.3	93.4	87.0	5.6	cf-n(2)	Southeast, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH11
▶	06020004	27/05/2025 20:56:32	-	90.0	91.9	83.3	9.6	fm-a(1)	Southeast, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH11
▶	06020005	27/05/2025 20:57:28	-	0.0	0.0	0.0	0.0		Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06020006	27/05/2025 20:57:51	-	85.1	85.5	82.1	4.3	fm-a(1)	Southeast, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH11
▶	06020007	27/05/2025 20:58:19	-	0.0	0.0	0.0	0.0		Southeast, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH11
▶	06020008	27/05/2025 20:59:45	Barbastella sj	30.8	37.9	27.8	2.1	fm-l(1)	Southeast, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH11
▶	06020009_1	27/05/2025 21:04:30	Pipistrellus sj	46.5	49.9	45.8	4.8	cf-n(1)	Southeast, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH11
▶	06020009_2	27/05/2025 21:04:30	-	90.4	94.1	87.8	3.2	fm-l(1)	Southeast, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH11
▶	06020010_2	27/05/2025 21:04:42	-	94.9	95.6	92.6	3.7	cf-e(1)	50.99693 / -0.13487
▶	06020010_1	27/05/2025 21:04:42	Pipistrellus sj	46.5	53.3	45.8	3.7	fm-l(2),fr	50.99693 / -0.13487
▶	06020011_1	27/05/2025 21:04:47	Pipistrellus sj	45.8	57.2	44.7	3.6	fm-l(2),fr	Southeast, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH11
▶	06020011_2	27/05/2025 21:04:47	-	94.1	94.5	91.9	4.3	cf-n(1)	Southeast, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH11
▶	06020012	27/05/2025 21:04:50	Pipistrellus sj	46.0	57.9	44.7	4.0	fm-d(4),c	Southeast, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH11
▶	06020013_1	27/05/2025 21:04:56	Pipistrellus sj	46.6	56.1	45.4	3.7	fm-l(3)	Southeast, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH11
▶	06020013_2	27/05/2025 21:04:56	-	91.9	97.1	88.1	7.5	fm-d(1)	Southeast, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH11
▶	06020014_1	27/05/2025 21:05:04	Pipistrellus sj	45.9	55.3	44.6	5.0	fm-d(3)	Southeast, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH11
▶	06020014_2	27/05/2025 21:05:04	-	90.9	92.6	84.6	6.1	fm-a(1),c	Southeast, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH11
▶	06020015	27/05/2025 21:05:07	Pipistrellus sj	46.4	63.7	45.2	4.5	fm-d(3),f	Southeast, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH11
▶	06020016	27/05/2025 21:05:11	-	46.9	54.0	46.5	2.1	fm-l(1)	Southeast, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH11
▶	06020017_1	27/05/2025 21:05:15	Myotis spec.	46.8	56.8	44.8	4.0	fm-d(3),f	50.99693 / -0.13486
▶	06020017_2	27/05/2025 21:05:15	-	91.5	92.3	85.1	9.1	fm-d(1)	50.99693 / -0.13486
▶	06020018	27/05/2025 21:05:47	Pipistrellus sj	57.1	71.9	56.4	5.0	fm-d(6),c	Southeast, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH11
▶	06020019	27/05/2025 21:09:27	Myotis spec.	45.0	67.8	32.7	3.0	fm-l(17),j	Southeast, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH11
▶	06020020	27/05/2025 21:15:03	Pipistrellus sj	45.0	49.0	43.6	6.2	fm-d(2),c	Southeast, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH11
▶	06020021	27/05/2025 21:15:09	Pipistrellus sj	45.6	55.9	44.3	4.5	fm-d(2)	50.99694 / -0.13487
▶	06020022_1	27/05/2025 21:19:02	Myotis spec.	42.7	90.5	28.5	4.0	fm-l(20),j	Southeast, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH11
▶	06020022_2	27/05/2025 21:19:02	-	52.1	72.8	30.0	3.2	fm-l(1)	Southeast, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH11
▶	06020023	27/05/2025 21:20:02	Pipistrellus sj	56.2	69.5	55.4	3.0	fm-d(14)	50.99695 / -0.13485
▶	06020024	27/05/2025 21:20:23	Pipistrellus sj	55.8	74.3	54.5	5.0	fm-d(18)	50.99694 / -0.13485
▶	06020025	27/05/2025 21:20:36	Pipistrellus sj	56.2	73.3	54.7	5.0	fm-d(45)	Southeast, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH11
▶	06020026_1	27/05/2025 21:20:51	Pipistrellus sj	56.2	81.2	55.0	5.0	fm-d(12)	Southeast, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH11
▶	06020026_2	27/05/2025 21:20:51	-	82.9	83.6	81.8	4.3	cf-n(1)	Southeast, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH11
▶	06020027	27/05/2025 21:21:00	Pipistrellus sj	55.8	74.1	54.9	5.0	fm-d(14)	Southeast, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH11
▶	06020028	27/05/2025 21:21:13	Pipistrellus sj	56.1	72.1	54.6	6.0	fm-d(12)	Southeast, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH11
▶	06020029	27/05/2025 21:21:20	Pipistrellus sj	56.0	70.9	54.9	4.0	fm-d(9),c	50.99694 / -0.13488
▶	06020030_3	27/05/2025 21:24:59	-	84.4	110.3	30.4	4.3	fm-l(1)	50.99692 / -0.13488
▶	06020030_2	27/05/2025 21:24:59	Myotis spec.	41.5	67.4	27.0	4.0	fm-l(4),fr	50.99692 / -0.13488
▶	06020030_1	27/05/2025 21:24:59	Myotis spec.	53.6	90.4	34.3	2.0	fm-l(19)	50.99692 / -0.13488
▶	06020031	27/05/2025 21:25:46	Pipistrellus sj	47.1	60.0	46.1	5.0	fm-d(13)	Southeast, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH11
▶	06020032	27/05/2025 21:26:51	Pipistrellus sj	45.6	61.7	44.6	4.5	fm-d(2)	50.99695 / -0.13486
▶	06020033_1	27/05/2025 21:27:08	-	93.4	95.4	85.7	6.4	fm-d(1),c	Southeast, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH11
▶	06020033_2	27/05/2025 21:27:08	-	98.3	99.4	97.9	4.8	cf-e(1)	Southeast, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH11
▶	06020034	27/05/2025 21:30:10	-	0.0	0.0	0.0	0.0		Southeast, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH11
▶	06020035_1	27/05/2025 21:33:51	Pipistrellus sj	46.0	52.9	44.2	7.0	fm-d(3),c	Southeast, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH11
▶	06020035_2	27/05/2025 21:33:51	-	88.1	91.5	86.3	4.3	fm-d(1)	Southeast, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH11
▶	06020036	27/05/2025 21:39:28	Myotis spec.	35.6	54.6	26.5	3.0	fm-l(7)	50.99696 / -0.13489
▶	06020037_1	27/05/2025 21:39:32	Pipistrellus sj	42.5	47.8	41.7	6.8	fm-d(2),c	50.99696 / -0.13489
▶	06020037_2	27/05/2025 21:39:32	-	96.0	97.9	87.4	2.7	fm-a(1)	50.99696 / -0.13489
▶	06020038	27/05/2025 21:40:29	Pipistrellus sj	46.0	58.2	44.3	4.0	fm-d(5),f	50.99694 / -0.13487
▶	06020039	27/05/2025 21:49:24	Pipistrellus sj	46.1	52.1	44.6	3.7	fm-d(2)	50.99693 / -0.13487
▶	06020040_2	27/05/2025 21:52:57	-	91.1	91.5	86.3	4.8	cf-n(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06020040_1	27/05/2025 21:52:57	Pipistrellus sj	46.4	51.7	45.5	4.0	fm-d(9),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5

▶	06020041	27/05/2025 21:53:18	Pipistrellus sj	43.2	52.0	42.2	4.3	fm-d(3),f	50.99696 / -0.13491
▶	06020042_1	27/05/2025 21:53:20	Pipistrellus sj	45.4	54.2	44.5	4.0	fm-d(6),c	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06020042_2	27/05/2025 21:53:20	-	92.6	94.9	88.3	5.1	fm-d(1),c	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06020043_1	27/05/2025 21:54:55	Pipistrellus sj	45.8	55.4	44.5	4.0	fm-d(5),f	Southease, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17
▶	06020043_2	27/05/2025 21:54:55	-	92.6	93.0	85.1	5.3	fm-d(1)	Southease, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17
▶	06020044_1	27/05/2025 21:57:33	Pipistrellus sj	45.4	59.6	44.3	5.3	fm-d(1)	50.99698 / -0.13489
▶	06020044_2	27/05/2025 21:57:33	-	90.0	93.0	84.4	10	fm-a(1)	50.99698 / -0.13489
▶	06020045_1	27/05/2025 21:57:35	Pipistrellus sj	47.9	55.8	45.2	3.0	fm-d(3),f	Southease, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17
▶	06020045_2	27/05/2025 21:57:35	-	92.6	94.1	91.1	5.1	cf-e(2)	Southease, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17
▶	06020046	27/05/2025 21:59:45	-	46.5	53.6	45.8	3.2	fm-l(1)	Southease, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17
▶	06020047	27/05/2025 22:01:23	-	94.9	96.4	93.4	7.5	cf-e(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06020048	27/05/2025 22:03:02	Pipistrellus sj	43.0	52.3	42.2	5.0	fm-d(6),c	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06020049_2	27/05/2025 22:03:36	-	93.6	94.6	87.4	3.4	fm-a(2),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06020049_1	27/05/2025 22:03:36	Pipistrellus sj	45.9	56.3	44.3	5.0	fm-d(11)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06020050_1	27/05/2025 22:04:16	Pipistrellus sj	47.0	57.5	45.2	3.0	fm-l(5),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06020050_2	27/05/2025 22:04:16	-	90.8	91.5	86.3	2.1	fm-l(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06020051	27/05/2025 22:04:32	Pipistrellus sj	47.3	50.6	46.5	4.8	fm-d(1)	50.99696 / -0.13491
▶	06020052_1	27/05/2025 22:06:34	Pipistrellus sj	46.3	56.3	44.8	4.7	fm-d(4)	Southease, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17
▶	06020052_2	27/05/2025 22:06:34	-	84.0	85.9	83.6	5.5	cf-e(1)	Southease, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17
▶	06020053_1	27/05/2025 22:06:55	Pipistrellus sj	46.9	54.2	44.4	4.8	fm-d(2)	Southease, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17
▶	06020053_2	27/05/2025 22:06:55	-	89.3	93.4	85.1	6.5	fm-d(1)	Southease, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17
▶	06020054_1	27/05/2025 22:06:58	Pipistrellus sj	45.8	49.7	44.4	6.4	cf-n(2)	Southease, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17
▶	06020054_2	27/05/2025 22:06:58	-	87.8	93.2	86.8	5.5	cf-n(1),fr	Southease, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17
▶	06020055	27/05/2025 22:10:24	Pipistrellus sj	46.9	53.3	46.1	5.5	fm-d(1)	50.99693 / -0.1349
▶	06020056_1	27/05/2025 22:10:27	Myotis spec.	48.3	63.1	39.2	2.0	fm-l(10),c	Southease, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17
▶	06020056_2	27/05/2025 22:10:27	Myotis spec.	56.3	74.5	40.9	2.7	fm-l(3),fr	Southease, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17
▶	06020057_2	27/05/2025 22:10:35	-	91.9	96.4	89.6	2.7	fm-d(1)	Southease, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17
▶	06020057_1	27/05/2025 22:10:35	-	46.5	54.8	45.8	4.3	fm-l(1)	Southease, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17
▶	06020058	27/05/2025 22:10:38	Pipistrellus sj	46.1	49.5	45.0	6.5	cf-n(1)	50.99693 / -0.1349
▶	06020059	27/05/2025 22:11:16	Myotis spec.	48.2	61.7	38.2	2.0	fm-l(15),c	50.99692 / -0.13491
▶	06020060_1	27/05/2025 22:11:44	Pipistrellus sj	46.8	50.6	45.6	6.3	cf-e(2),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06020060_2	27/05/2025 22:11:44	-	89.1	92.3	87.8	6.2	cf-n(2),c	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06020061_1	27/05/2025 22:12:08	Pipistrellus sj	46.8	49.2	45.7	5.6	cf-e(2),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06020061_2	27/05/2025 22:12:08	-	89.6	92.6	86.3	5.5	cf-e(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06020062_1	27/05/2025 22:13:38	Pipistrellus sj	43.2	49.6	42.5	4.0	fm-l(3),c	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06020062_2	27/05/2025 22:13:38	-	85.9	89.3	80.3	4.8	cf-n(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06020063	27/05/2025 22:15:54	-	57.8	58.5	56.3	9.6	cf-e(1)	Southease, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17
▶	06020064_1	27/05/2025 22:16:54	Pipistrellus sj	46.3	59.8	44.9	5.7	fm-d(5)	Southease, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17
▶	06020064_2	27/05/2025 22:16:54	-	92.6	93.0	90.0	4.8	cf-n(1)	Southease, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17
▶	06020065_2	27/05/2025 22:17:11	-	91.9	97.9	89.3	10	fm-a(1)	Southease, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17
▶	06020065_1	27/05/2025 22:17:11	Pipistrellus sj	46.3	55.2	45.0	4.0	fm-d(5),f	Southease, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17
▶	06020066_1	27/05/2025 22:17:15	Pipistrellus sj	46.3	49.9	45.4	2.7	fm-l(2)	Southease, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17
▶	06020066_2	27/05/2025 22:17:15	-	91.7	96.4	89.4	5.3	cf-n(1),fr	Southease, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17
▶	06020067_1	27/05/2025 22:22:03	Pipistrellus sj	48.6	55.6	47.4	6.0	fm-d(6),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06020067_2	27/05/2025 22:22:03	-	86.6	90.8	86.3	4.8	fm-a(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06020068	27/05/2025 22:22:08	Pipistrellus sj	47.5	48.0	46.4	6.5	cf-e(3)	50.99692 / -0.13492
▶	06020069_1	27/05/2025 22:22:52	Pipistrellus sj	46.0	54.1	45.1	6.0	fm-d(4),c	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06020069_2	27/05/2025 22:22:52	-	91.5	92.3	85.9	4.8	fm-a(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06020070	27/05/2025 22:24:06	Pipistrellus sj	45.6	54.4	44.4	5.6	fm-d(2)	50.99693 / -0.1349
▶	06020071	27/05/2025 22:24:30	-	47.6	48.0	46.9	4.3	cf-e(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06020072_2	27/05/2025 22:26:35	-	91.9	96.4	88.9	4.3	fm-d(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06020072_1	27/05/2025 22:26:35	Pipistrellus sj	46.6	60.5	45.3	4.0	fm-d(5),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5

Supplemental bat detector – located northeast of the survey building (survey one)

Play/Delete	Recording	Recorded	Sugg. Genus 1	Peak Freq	Max Freq	Min Freq	Call	Call shape	Location
▶	11520000_1	27/05/2025 21:05:21	Myotis spec.	50.3	56.8	48.1	3.0	fm-l(7)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520000_2	27/05/2025 21:05:21	-	85.9	85.9	80.3	11	cf-n(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520001_1	27/05/2025 21:06:27	-	43.9	63.0	33.0	2.7	fm-l(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520001_2	27/05/2025 21:06:27	-	79.1	80.3	77.6	4.3	cf-n(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520001_3	27/05/2025 21:06:27	-	83.3	87.0	80.6	6.9	cf-n(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520002_1	27/05/2025 21:07:39	Myotis spec.	40.8	49.8	33.6	2.7	fm-l(2),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520002_2	27/05/2025 21:07:39	-	86.6	89.6	82.5	6.4	cf-n(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520003	27/05/2025 21:09:48	-	54.0	57.0	30.4	2.7	fm-a(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520004	27/05/2025 21:11:45	-	83.8	85.1	77.4	5.3	cf-n(1),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520005_1	27/05/2025 21:12:35	Myotis spec.	48.9	54.8	47.2	3.0	fm-l(3),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520005_2	27/05/2025 21:12:35	-	88.5	90.8	85.1	9.6	cf-n(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520006	27/05/2025 21:15:01	Pipistrellus sj	45.7	54.5	43.8	4.0	fm-d(10)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520007_1	27/05/2025 21:18:44	-	47.3	49.9	46.5	2.7	fm-l(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520007_2	27/05/2025 21:18:44	-	89.6	91.5	88.1	4.8	cf-n(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520008	27/05/2025 21:18:55	Myotis spec.	53.6	71.5	32.3	4.0	fm-l(8),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520009	27/05/2025 21:20:08	Pipistrellus sj	56.2	64.6	55.3	4.0	fm-d(5),c	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520010	27/05/2025 21:20:14	Myotis spec.	56.4	60.5	54.5	4.0	fm-l(4),cl	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520011	27/05/2025 21:21:07	Pipistrellus sj	58.6	66.3	54.8	4.0	fm-d(8),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520012	27/05/2025 21:21:26	Pipistrellus sj	56.9	72.3	55.2	5.0	fm-d(7),c	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520013	27/05/2025 21:24:05	Myotis spec.	59.2	62.7	56.3	3.5	fm-l(2),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520014	27/05/2025 21:25:43	Pipistrellus sj	47.1	54.8	45.9	4.0	fm-d(10)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520015	27/05/2025 21:28:08	Pipistrellus sj	49.8	57.0	47.5	5.0	fm-d(5),c	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520016_1	27/05/2025 21:32:30	Myotis spec.	39.2	61.7	30.8	4.0	fm-l(10),	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520016_2	27/05/2025 21:32:30	Myotis spec.	50.8	58.9	41.2	3.0	fm-l(3),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520017	27/05/2025 21:39:33	Pipistrellus sj	43.5	54.0	42.3	4.0	fm-d(8),c	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520018	27/05/2025 21:41:00	Myotis spec.	52.8	61.5	49.0	3.7	fm-d(2),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520019	27/05/2025 21:52:48	Pipistrellus sj	47.7	68.7	45.7	3.0	fm-d(6),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520020	27/05/2025 21:52:54	Pipistrellus sj	46.8	53.2	44.6	4.0	fm-d(5),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520021	27/05/2025 22:02:57	Pipistrellus sj	47.1	55.1	42.8	4.0	fm-d(10)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520022_1	27/05/2025 22:04:38	Pipistrellus sj	50.1	56.2	48.4	3.0	fm-l(4),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520022_2	27/05/2025 22:04:38	-	83.3	86.6	82.5	3.7	fm-d(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520023	27/05/2025 22:06:16	Pipistrellus sj	50.7	53.5	48.2	4.5	cf-n(2),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520024	27/05/2025 22:06:19	-	0.0	0.0	0.0	0.0		Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520025_1	27/05/2025 22:10:36	Myotis spec.	51.3	74.8	32.9	3.0	fm-l(10),	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520025_2	27/05/2025 22:10:36	Myotis spec.	76.8	98.1	30.6	4.6	fm-l(3)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520026	27/05/2025 22:12:40	Pipistrellus sj	59.3	64.8	56.8	4.3	fm-d(2),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520027_2	27/05/2025 22:15:50	-	85.9	92.3	85.5	4.8	fm-d(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520027_1	27/05/2025 22:15:50	Pipistrellus sj	58.6	60.3	57.0	6.0	cf-n(3),cl	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520028	27/05/2025 22:19:43	-	0.0	0.0	0.0	0.0		Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520029	27/05/2025 22:19:49	-	59.4	67.5	57.9	4.5	fm-d(1),c	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520030_1	27/05/2025 22:19:55	-	58.1	59.3	57.4	4.8	cf-e(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520030_2	27/05/2025 22:19:55	-	82.1	85.9	79.9	6.4	fm-d(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520031	27/05/2025 22:21:54	Pipistrellus sj	51.0	57.3	48.9	5.0	fm-d(5),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520032	27/05/2025 22:23:11	Myotis spec.	50.6	55.1	48.9	4.0	fm-l(4),fr	50.99708 / -0.13537
▶	11520033	27/05/2025 22:24:17	Myotis spec.	50.4	56.1	49.3	2.5	fm-l(2)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520034	27/05/2025 22:24:21	Myotis spec.	51.1	56.3	49.1	4.8	fm-l(2),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520035	27/05/2025 22:28:07	Pipistrellus sj	46.1	50.6	44.2	3.0	fm-l(5)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520036	27/05/2025 22:28:41	-	0.0	0.0	0.0	0.0		Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520037	27/05/2025 22:28:46	Pipistrellus sj	50.8	54.0	47.6	4.8	fm-d(2),f	50.99706 / -0.13541
▶	11520038	27/05/2025 22:30:01	Pipistrellus sj	46.2	57.8	43.8	3.0	fm-l(5),fr	50.99708 / -0.13538

Supplemental bat detector – located west of the survey building (survey one)

Play/Dele	Recording	Recorded	Sugg. Genus 1	Peak Freq	Max Freq	Min Freq	Call	Call shape	Location
▶	04610000	27/05/2025 21:15:08	Pipistrellus sj	46.5	52.2	44.6	4.3	fm-d(2),f	-
▶	04610001	27/05/2025 21:16:02	Pipistrellus sj	49.0	62.9	47.5	3.2	fm-d(2),f	-
▶	04610002	27/05/2025 21:16:10	Pipistrellus sj	51.2	59.4	47.9	4.6	fm-d(4),c	-
▶	04610003	27/05/2025 21:17:49	Myotis spec.	53.0	68.0	38.5	2.0	fm-l(6),fr	-
▶	04610004	27/05/2025 21:18:50	Pipistrellus sj	50.2	56.3	47.7	4.3	fm-d(3),c	-
▶	04610005	27/05/2025 21:18:53	-	50.3	59.8	47.8	3.7	fm-l(1),fr	-
▶	04610006	27/05/2025 21:20:16	Pipistrellus sj	57.1	69.3	54.9	5.2	fm-d(2),c	-
▶	04610007	27/05/2025 21:21:18	-	0.0	0.0	0.0	0.0	-	-
▶	04610008	27/05/2025 21:24:06	-	57.4	57.4	55.5	5.3	cf-n(1)	-
▶	04610009	27/05/2025 21:24:09	Pipistrellus sj	56.8	65.4	55.7	5.1	fm-d(1),f	-
▶	04610010_1	27/05/2025 21:28:15	Pipistrellus sj	49.5	63.1	47.4	5.6	fm-d(4),f	-
▶	04610010_2	27/05/2025 21:28:15	-	55.1	66.0	51.0	2.1	fm-l(1)	-
▶	04610011_1	27/05/2025 21:32:36	-	53.1	61.1	44.8	2.7	fm-l(2)	-
▶	04610011_2	27/05/2025 21:32:36	Myotis spec.	40.5	59.3	32.3	3.7	fm-l(1)	-
▶	04610012	27/05/2025 21:39:36	Pipistrellus sj	43.9	47.3	43.0	4.4	cf-n(1),fr	50.99997 / -0.13928
▶	04610013	27/05/2025 21:50:55	-	0.0	0.0	0.0	0.0	-	50.99685 / -0.13535
▶	04610014	27/05/2025 22:04:31	Pipistrellus sj	48.0	50.1	47.3	5.1	cf-e(1),cf	50.99683 / -0.13531
▶	04610015_2	27/05/2025 22:06:17	-	91.9	92.3	85.9	7.5	cf-e(1)	50.9969 / -0.13536
▶	04610015_1	27/05/2025 22:06:17	-	49.5	52.7	47.6	5.1	fm-l(1),cl	50.9969 / -0.13536
▶	04610016	27/05/2025 22:12:35	-	57.4	60.2	56.8	8.3	cf-e(2)	50.99685 / -0.13532
▶	04610017	27/05/2025 22:19:38	-	56.3	57.4	55.5	5.5	cf-e(1)	50.99689 / -0.13535
▶	04610018	27/05/2025 22:19:40	-	57.6	60.0	57.0	4.3	fm-d(1),c	50.99688 / -0.13535
▶	04610019	27/05/2025 22:22:01	Pipistrellus sj	50.0	57.6	48.3	4.0	fm-d(4),f	50.99687 / -0.13532
▶	04610020	27/05/2025 22:23:02	Pipistrellus sj	49.9	61.1	48.0	4.6	fm-d(1)	50.9969 / -0.13538
▶	04610021	27/05/2025 22:23:09	Pipistrellus sj	51.4	66.2	49.1	6.1	fm-d(2)	50.9969 / -0.13538
▶	04610022	27/05/2025 22:24:22	-	0.0	0.0	0.0	0.0	-	50.99694 / -0.13542
▶	04610023	27/05/2025 22:28:02	Pipistrellus sj	44.9	51.2	42.8	5.3	fm-d(2),c	50.99689 / -0.13537
▶	04610024	27/05/2025 22:28:05	-	47.4	55.9	44.1	2.5	fm-l(2)	50.99689 / -0.13537
▶	04610025	27/05/2025 22:28:37	-	47.6	50.6	46.5	5.9	cf-e(1)	50.9969 / -0.13538
▶	04610026	27/05/2025 22:28:39	Pipistrellus sj	53.1	60.8	48.3	4.1	fm-d(3),c	50.9969 / -0.13538
▶	04610027	27/05/2025 22:28:44	Pipistrellus sj	48.8	72.8	47.3	9.1	fm-d(1)	50.99689 / -0.13542
▶	04610028	27/05/2025 22:29:57	Pipistrellus sj	45.1	52.4	43.7	5.6	fm-l(2),fr	50.9969 / -0.13541
▶	04610029	27/05/2025 22:30:13	Pipistrellus sj	43.1	46.9	42.4	4.6	fm-a(1),c	50.99691 / -0.13541
▶	04610030	27/05/2025 22:30:30	-	59.1	61.3	57.8	4.5	cf-n(1),fr	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610031	27/05/2025 22:30:31	-	61.5	63.8	58.1	3.7	fm-d(1),f	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5

Supplemental bat detector – located west-southwest of the survey building (survey one)

Play Delc	Recording	Recorded	Sugg. Genus 1	Peak Freq	Max Freq	Min Freq	Call	Call shape	Location
▶	06070000	27/05/2025 20:53:46	Plecotus spe	29.4	35.9	20.6	1.6	fm-l(3)	-
▶	06070001_1	27/05/2025 20:54:05	-	67.9	73.5	52.5	2.1	fm-l(1)	-
▶	06070001_2	27/05/2025 20:54:05	-	82.5	82.9	79.1	4.8	cf-e(1)	-
▶	06070002	27/05/2025 21:05:25	Pipistrellus sj	47.0	52.9	46.1	4.8	cf-e(2),fn	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070003	27/05/2025 21:06:44	Myotis spec.	44.3	62.1	32.4	1.9	fm-l(4)	50.99684 / -0.13524
▶	06070004	27/05/2025 21:07:58	-	58.1	82.5	32.4	2.1	fm-l(1),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070005_1	27/05/2025 21:11:49	Myotis spec.	40.1	72.6	29.6	4.8	fm-d(2)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070005_2	27/05/2025 21:11:49	-	66.2	80.1	28.7	2.9	fm-l(2)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070006	27/05/2025 21:12:40	Myotis spec.	49.7	72.8	47.1	3.0	fm-d(5),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070007	27/05/2025 21:15:10	Pipistrellus sj	46.1	51.9	44.3	5.0	fm-d(3),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070008	27/05/2025 21:16:00	Myotis spec.	51.6	56.3	47.7	4.1	fm-d(3),f	50.99684 / -0.13526
▶	06070009	27/05/2025 21:19:01	Myotis spec.	45.4	53.4	27.0	2.0	fm-l(6),fr	50.99684 / -0.13527
▶	06070010	27/05/2025 21:20:21	Pipistrellus sj	55.4	58.4	54.5	6.2	cf-e(3),fn	50.99683 / -0.13527
▶	06070011	27/05/2025 21:20:55	Pipistrellus sj	56.8	72.8	55.0	6.4	fm-d(2),c	50.99683 / -0.13527
▶	06070012	27/05/2025 21:21:17	Pipistrellus sj	56.8	81.4	54.1	6.2	fm-d(6),c	50.99683 / -0.13527
▶	06070013	27/05/2025 21:24:10	Pipistrellus sj	56.7	63.9	55.4	3.0	fm-d(4),c	50.99683 / -0.13526
▶	06070014_1	27/05/2025 21:25:06	Myotis spec.	42.2	48.8	32.8	2.9	fm-l(3),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070014_2	27/05/2025 21:25:06	-	48.8	54.4	34.9	3.7	fm-l(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070014_3	27/05/2025 21:25:06	Myotis spec.	55.5	80.6	52.1	2.7	fm-l(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070015	27/05/2025 21:28:18	Pipistrellus sj	47.6	53.5	46.2	4.0	fm-d(8),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070016	27/05/2025 21:39:38	Pipistrellus sj	44.1	53.3	43.3	3.7	fm-d(2),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070017	27/05/2025 21:50:33	Pipistrellus sj	47.9	67.5	46.3	4.0	fm-d(6),c	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070018	27/05/2025 21:50:53	Pipistrellus sj	48.8	62.4	47.1	3.0	fm-d(7),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070019	27/05/2025 22:04:29	Pipistrellus sj	47.5	49.8	46.7	5.0	cf-n(5),cl	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070020	27/05/2025 22:06:23	Pipistrellus sj	48.3	60.1	47.2	5.0	fm-d(4),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070021	27/05/2025 22:11:11	Myotis spec.	56.2	64.9	43.4	3.9	fm-l(2),fr	50.99684 / -0.13525
▶	06070022	27/05/2025 22:12:32	Pipistrellus sj	57.4	62.9	56.5	4.0	cf-n(4),cl	50.99685 / -0.13525
▶	06070023	27/05/2025 22:19:36	Pipistrellus sj	56.7	59.9	55.9	3.0	cf-n(4),cl	50.99686 / -0.13528
▶	06070024	27/05/2025 22:22:03	Myotis spec.	50.0	57.4	48.2	4.9	fm-l(2),cl	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070025	27/05/2025 22:22:07	Pipistrellus sj	48.1	54.0	46.5	4.0	fm-d(7),c	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070026	27/05/2025 22:22:58	Pipistrellus sj	48.9	56.5	46.9	5.0	fm-d(7),c	50.99684 / -0.13522
▶	06070027	27/05/2025 22:24:28	Pipistrellus sj	48.7	51.2	47.1	5.6	cf-n(3),cl	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070028	27/05/2025 22:27:48	Pipistrellus sj	45.5	63.3	43.3	5.9	fm-d(5),c	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070029	27/05/2025 22:28:00	Pipistrellus sj	43.3	51.8	42.3	6.7	cf-n(5),cl	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070030	27/05/2025 22:28:12	Pipistrellus sj	43.9	59.6	42.6	6.9	fm-d(4),c	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070031	27/05/2025 22:28:35	Pipistrellus sj	48.0	51.8	46.6	4.0	cf-n(4),fn	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070032	27/05/2025 22:29:03	Pipistrellus sj	44.7	51.6	42.7	7.1	fm-d(2),c	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070033	27/05/2025 22:29:17	Pipistrellus sj	44.3	58.0	42.4	6.2	fm-d(3),c	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070034_2	27/05/2025 22:29:54	Nyctalus spe	31.1	41.6	21.6	10	cf-n(2),fn	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070034_1	27/05/2025 22:29:54	Pipistrellus sj	44.7	54.5	43.2	4.0	fm-d(4),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070035_1	27/05/2025 22:30:12	Pipistrellus sj	45.1	61.3	42.6	7.8	fm-d(5),c	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070035_2	27/05/2025 22:30:12	-	67.5	100.9	66.8	1.1	fm-l(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070036	27/05/2025 22:30:17	-	46.5	57.0	43.5	2.7	fm-l(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070037_1	27/05/2025 22:30:31	Pipistrellus sj	58.1	70.0	56.7	5.0	fm-d(3),c	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070037_2	27/05/2025 22:30:31	Pipistrellus sj	44.0	47.3	41.9	6.3	cf-e(2),cf	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070038_1	27/05/2025 22:30:37	Pipistrellus sj	56.6	64.5	55.1	7.5	fm-d(2)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070038_2	27/05/2025 22:30:37	-	60.8	67.1	56.6	3.7	fm-d(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070038_3	27/05/2025 22:30:37	-	91.1	92.3	89.3	4.3	cf-e(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070039_1	27/05/2025 22:30:56	-	56.6	61.1	55.9	4.3	fm-l(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070039_2	27/05/2025 22:30:56	-	90.8	94.9	90.0	5.3	fm-a(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070040_1	27/05/2025 22:31:04	Pipistrellus sj	56.1	60.2	54.9	4.0	cf-n(5),cl	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070040_2	27/05/2025 22:31:04	-	90.4	90.8	87.8	4.8	cf-n(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5

Surveyor recording forms and corresponding raw data Survey 2

BAT SURVEY FORM 2025		Surveyor name	CB
Site Name- visit no.	Summer L	Date	19/06/2025
Start Time	21:03	Finish Time	22:48
Sunset Time	21:18	Camera number/Detector number (if different)	3
Position Relative to Structure	NW Corner	Weather Conditions pre sunset	10% cloud, Still, hot
Air Temperature Start	22	Air Temperature End	18
Brief summary (fill out at end of survey)			
*Shorthand: Common Pipistrelle = P45; Soprano Pipistrelle = P55 Brown/Grey long eared = LE; All Myotis = myo followed by single letter; Greater Horseshoe - GHS; Greater Noctule = Noc; Leislers Noctule = Leis; Serotine = se			
**Shorthand - 'NS' = not seen; 'SNH' = seen not heard; 'E' = emergence; 'R' = return; 'F' = foraging; 'C' = commuting.			
Time	Species*	Activity**	Notes including flight direction (if seen)
21:16	p45	check	brief foraging along the treeline north of the site
21:17	p55	check	
21:54	BLE?	check	
	BLE		Confirmed as present during sound analysis
	Myotis		Confirmed as present during sound analysis
No emergences were observed during video review			

Play/Dete	Recording	Recorded	Sugg. Genus 1	Peak Freq	Max Freq	Min Freq	Call	Call shape	Location
▶	16800003	19/06/2025 21:16:40	Pipistrellus sj	45.5	62.0	44.0	4.0	fm-d(16)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800004	19/06/2025 21:17:07	Myotis spec.	57.2	65.9	56.3	3.0	fm-l(4),fr	50.99706 / -0.13542
▶	16800007	19/06/2025 21:18:08	Pipistrellus sj	42.8	50.4	42.0	6.0	fm-d(17)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800008	19/06/2025 21:18:42	Myotis spec.	45.9	66.0	44.5	3.0	fm-l(6),fr	50.99706 / -0.13541
▶	16800010_1	19/06/2025 21:18:56	Myotis spec.	46.7	55.0	44.9	3.0	fm-l(6),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800010_2	19/06/2025 21:18:56	-	87.8	88.9	85.5	9.1	cf-e(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800011_1	19/06/2025 21:19:00	Pipistrellus sj	45.5	55.2	44.0	3.0	fm-l(9),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800011_2	19/06/2025 21:19:00	-	87.0	90.4	85.5	5.5	cf-e(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800014	19/06/2025 21:19:46	Myotis spec.	46.6	57.4	44.8	2.0	fm-l(15),	50.99709 / -0.13541
▶	16800015	19/06/2025 21:20:17	Pipistrellus sj	46.3	65.8	45.0	5.0	fm-d(7),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800016	19/06/2025 21:21:05	Myotis spec.	46.3	61.3	44.3	2.0	fm-l(11)	50.99708 / -0.1354
▶	16800017	19/06/2025 21:22:26	Myotis spec.	46.1	57.6	44.0	3.0	fm-l(7),fr	50.99709 / -0.13541
▶	16800018_1	19/06/2025 21:22:29	Myotis spec.	45.7	59.9	44.1	3.0	fm-l(11),	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800018_2	19/06/2025 21:22:29	-	85.9	90.0	81.8	3.2	fm-a(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800020	19/06/2025 21:25:00	Myotis spec.	45.5	61.6	44.7	3.0	fm-l(4),fr	50.99706 / -0.1354
▶	16800021	19/06/2025 21:31:03	Pipistrellus sj	44.0	66.0	43.1	4.0	fm-d(10)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800024_1	19/06/2025 21:31:40	Pipistrellus sj	45.1	54.8	44.2	3.0	fm-l(4)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800024_2	19/06/2025 21:31:40	Myotis spec.	58.5	67.1	57.9	2.7	fm-l(2)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800024_3	19/06/2025 21:31:40	-	91.1	95.3	87.8	5.5	fm-a(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800028_1	19/06/2025 21:32:27	Myotis spec.	46.1	57.2	44.4	3.0	fm-l(7)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800028_2	19/06/2025 21:32:27	-	33.0	36.8	28.9	3.2	fm-a(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800040	19/06/2025 21:35:31	Myotis spec.	57.0	74.1	55.7	3.0	fm-l(5),fr	50.99708 / -0.13542
▶	16800043	19/06/2025 21:38:48	Pipistrellus sj	46.8	71.1	45.1	4.0	fm-d(24)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800046	19/06/2025 21:39:04	Pipistrellus sj	47.3	61.8	46.3	3.0	fm-l(11),	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800052	19/06/2025 21:39:45	Myotis spec.	47.7	62.3	45.9	3.0	fm-l(18),	50.99708 / -0.13541
▶	16800055	19/06/2025 21:40:11	Pipistrellus sj	47.7	61.4	46.4	4.0	fm-l(9),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800056	19/06/2025 21:40:17	Myotis spec.	47.5	61.6	45.9	3.0	fm-l(7),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800057	19/06/2025 21:40:23	Pipistrellus sj	46.9	58.3	45.4	4.0	fm-l(4),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800060_1	19/06/2025 21:40:35	Myotis spec.	47.4	58.1	46.1	3.0	fm-l(11),	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800060_2	19/06/2025 21:40:35	-	88.9	93.0	85.5	4.3	fm-a(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800061_1	19/06/2025 21:40:46	Myotis spec.	47.7	61.5	46.2	3.0	fm-l(10),	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800061_2	19/06/2025 21:40:46	-	87.8	91.9	84.8	4.3	fm-d(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800062	19/06/2025 21:40:52	Myotis spec.	47.5	57.7	46.1	3.0	fm-l(10),	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800064_2	19/06/2025 21:41:08	-	89.6	90.0	87.8	5.3	cf-n(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800064_1	19/06/2025 21:41:08	Pipistrellus sj	47.5	61.3	45.8	3.0	fm-l(7),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800065_1	19/06/2025 21:41:14	Myotis spec.	47.8	59.0	46.4	3.0	fm-l(12),	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800065_2	19/06/2025 21:41:14	-	87.0	94.1	83.6	9.1	fm-a(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800067_1	19/06/2025 21:41:24	Myotis spec.	49.1	59.5	46.8	3.0	fm-l(14),	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800067_2	19/06/2025 21:41:24	-	87.8	94.5	81.4	11	cf-n(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800069	19/06/2025 21:47:12	Pipistrellus sj	56.0	66.5	55.3	6.0	fm-d(9),c	50.99711 / -0.13535
▶	16800070	19/06/2025 21:47:17	Myotis spec.	58.4	64.0	57.2	3.0	fm-l(4),fr	50.99711 / -0.13535
▶	16800071_1	19/06/2025 21:47:22	-	57.6	62.6	56.1	4.8	cf-n(2),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800071_2	19/06/2025 21:47:22	-	88.9	91.9	82.1	5.3	fm-d(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800072_1	19/06/2025 21:47:31	Pipistrellus sj	57.9	64.1	56.1	3.7	fm-d(2),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800072_2	19/06/2025 21:47:31	-	89.6	93.8	88.5	5.3	fm-a(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800073	19/06/2025 21:47:37	Myotis spec.	57.8	70.6	56.7	3.0	fm-l(4),fr	50.99711 / -0.13536
▶	16800077_1	19/06/2025 21:47:49	Myotis spec.	57.9	63.2	56.4	3.7	fm-l(2)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800077_2	19/06/2025 21:47:49	-	87.8	89.6	84.4	2.1	fm-l(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800078	19/06/2025 21:47:54	-	56.3	61.1	55.9	4.3	cf-n(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800082	19/06/2025 21:48:15	Pipistrellus sj	46.1	54.1	44.5	4.0	fm-d(7),c	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800085	19/06/2025 21:49:00	-	87.4	87.8	79.5	4.8	fm-d(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800087_1	19/06/2025 21:49:26	-	57.8	62.6	57.0	3.7	cf-n(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800087_2	19/06/2025 21:49:26	-	91.5	91.9	85.1	4.3	fm-d(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800093	19/06/2025 21:50:37	Pipistrellus sj	45.0	52.4	43.6	4.0	fm-d(9),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	16800097_2	19/06/2025 21:55:33	Myotis spec.	48.3	66.8	29.9	4.0	fm-a(3),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5

▶ 16800097_3	19/06/2025 21:55:33	-	29.6	38.6	12.0	4.8	fm-d(1)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶ 16800097_1	19/06/2025 21:55:33	Myotis spec.	42.0	65.1	30.7	3.0	fm-l(6),fr	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶ 16800098	19/06/2025 21:55:37	Myotis spec.	45.6	60.3	33.6	2.0	fm-l(11),	50.99711 / -0.13537
▶ 16800101	19/06/2025 21:59:26	Pipistrellus sj	48.3	91.6	46.5	4.0	fm-d(20)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶ 16800104	19/06/2025 22:04:04	Myotis spec.	41.4	58.3	30.8	3.0	fm-l(20),	50.99708 / -0.13541
▶ 16800105	19/06/2025 22:04:54	Pipistrellus sj	42.8	47.9	40.5	4.2	fm-l(3),cl	50.99706 / -0.13547
▶ 16800107	19/06/2025 22:06:05	Pipistrellus sj	48.7	59.7	46.5	3.0	fm-d(8),f	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶ 16800108	19/06/2025 22:08:52	Pipistrellus sj	45.2	56.4	44.5	5.0	fm-d(19)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶ 16800109	19/06/2025 22:09:56	Pipistrellus sj	46.3	63.1	44.6	6.0	fm-d(20)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶ 16800110	19/06/2025 22:10:09	Pipistrellus sj	44.5	54.8	43.5	3.0	fm-l(16),	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶ 16800111	19/06/2025 22:12:34	Pipistrellus sj	45.3	62.4	43.5	5.0	fm-d(12)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶ 16800113_2	19/06/2025 22:13:42	Pipistrellus sj	36.9	39.1	35.3	5.6	cf-n(2),cl	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶ 16800113_3	19/06/2025 22:13:42	Nyctalus spe	31.9	35.4	24.6	8.3	cf-n(2)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶ 16800113_1	19/06/2025 22:13:42	Pipistrellus sj	45.7	58.6	44.1	5.0	fm-d(41)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶ 16800114	19/06/2025 22:15:06	Myotis spec.	47.1	57.0	44.1	3.0	fm-l(10),	50.99713 / -0.13542
▶ 16800115_1	19/06/2025 22:16:05	Myotis spec.	41.3	93.6	23.1	4.8	fm-l(2),fr	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶ 16800115_2	19/06/2025 22:16:05	-	29.8	81.0	22.5	5.9	fm-l(1),fr	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶ 16800115_3	19/06/2025 22:16:05	-	71.8	105.0	24.2	3.7	fm-a(2)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶ 16800115_4	19/06/2025 22:16:05	-	24.4	29.6	12.0	1.6	fm-l(1)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶ 16800116	19/06/2025 22:16:12	Pipistrellus sj	45.0	59.3	43.5	5.0	fm-d(21)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶ 16800117	19/06/2025 22:16:46	Pipistrellus sj	56.4	80.9	55.0	6.0	fm-d(13)	50.99712 / -0.1354
▶ 16800118	19/06/2025 22:17:01	Pipistrellus sj	43.7	53.6	42.7	6.0	fm-d(18)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶ 16800119	19/06/2025 22:17:38	Pipistrellus sj	56.0	60.6	54.6	4.0	cf-n(5),fr	50.99711 / -0.13539
▶ 16800121	19/06/2025 22:18:14	Pipistrellus sj	43.1	43.6	42.3	4.0	cf-e(7),cl	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶ 16800122	19/06/2025 22:19:45	Pipistrellus sj	46.4	74.4	45.5	4.0	fm-d(21)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶ 16800124_1	19/06/2025 22:20:22	Pipistrellus sj	44.0	44.4	42.9	8.0	cf-e(5),cl	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶ 16800124_2	19/06/2025 22:20:22	-	89.3	92.4	85.3	4.0	fm-d(2),c	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶ 16800124_3	19/06/2025 22:20:22	-	16.5	18.0	12.0	2.7	fm-d(1)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶ 16800127	19/06/2025 22:26:54	Pipistrellus sj	45.1	58.4	42.9	4.0	fm-d(15)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶ 16800128	19/06/2025 22:29:09	Pipistrellus sj	45.7	55.2	44.4	3.0	fm-l(8),fr	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶ 16800129	19/06/2025 22:29:42	Pipistrellus sj	42.5	47.4	41.1	6.0	fm-d(6),c	50.99712 / -0.13538
▶ 16800130	19/06/2025 22:30:28	Myotis spec.	45.1	52.0	43.9	3.0	fm-l(6),fr	50.99715 / -0.13537
▶ 16800132	19/06/2025 22:34:43	Pipistrellus sj	45.8	53.0	44.3	4.0	fm-d(10)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶ 16800134	19/06/2025 22:41:49	Pipistrellus sj	56.6	58.2	55.8	5.2	cf-e(2),fr	50.99712 / -0.1354
▶ 16800135	19/06/2025 22:42:05	Pipistrellus sj	45.5	48.5	44.9	4.0	cf-e(4),cl	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶ 16800138	19/06/2025 22:50:41	Pipistrellus sj	43.1	43.8	42.3	6.0	cf-e(6)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5

BAT SURVEY FORM 2025		Surveyor name	SP
Site Name- visit no.	Hobbit s 2	Date	19/06/2025
Start Time	21:03	Finish Time	22:48
Sunset Time	21:18	Camera number/Detector number (if different)	no. 6 (gold)
Position Relative to Structure	centre back of house.	Weather Conditions pre sunset	5% cloud. wind 0
Air Temperature Start	22°	Air Temperature End	18°
Brief summary (fill out at end of survey)	camera started at 21:00. general flight pattern of the bats seen was from above the house and commuting towards the bottom of the garden		
*Shorthand: Common Pipistrelle = P45; Soprano Pipistrelle = P55 Brown/Grey long eared = LE; All Myotis = myo followed by single letter; Greater Horseshoe - GHS; Greater Noctule = Noc; Leislers Noctule = Leis; Serotine = se **Shorthand - 'NS' = not seen; 'SNH' = seen not heard; 'E' = emergence; 'R' = return; 'F' = foraging; 'C' = commuting.			
Time	Species*	Activity**	Notes including flight direction (if seen)
21:18	p45	c	flew over top of house and over my head towards the bottom of the garden
21:30	p45	c	same flight pattern as above.
21:31	P45	E	Observed during video review
21:32	p45	f	flying down tree line.
21:47	p55	ns	

21:49	p55	c	flew over top of house and over my head towards the bottom of the garden
22:00	p55	ns	continuous foraging round towards camera 7
22:06	p55	f	
22:08	p45	f	several p45 foraging near the back of the house
	BLE		Confirmed as present during sound analysis
	Myotis		Confirmed as present during sound analysis

Play/Dele	Recording	Recorded	Sugg. Genus 1	Peak Freq	Max Freq	Min Freq	Call	Call shape	Location
▶	04610000	19/06/2025 21:09:13	-	0.0	0.0	0.0	0.0		Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610001	19/06/2025 21:09:46	-	0.0	0.0	0.0	0.0		Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610002_1	19/06/2025 21:16:42	Pipistrellus sj	44.6	57.4	43.9	5.3	fm-d(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610002_2	19/06/2025 21:16:42	-	85.1	85.9	81.4	4.8	cf-e(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610002_3	19/06/2025 21:16:42	-	94.1	95.6	88.5	9.6	fm-d(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610003	19/06/2025 21:18:10	Pipistrellus sj	43.4	55.0	42.4	7.0	fm-d(17)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610004	19/06/2025 21:31:08	Pipistrellus sj	43.1	55.0	42.0	4.0	fm-d(7),c	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610005	19/06/2025 21:31:56	Pipistrellus sj	47.7	73.9	46.9	3.0	fm-d(3),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610006	19/06/2025 21:32:54	Pipistrellus sj	46.0	60.1	44.8	4.0	fm-d(15)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610007	19/06/2025 21:37:24	-	0.0	0.0	0.0	0.0		Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610008	19/06/2025 21:38:18	Vespertilio sf	26.3	27.8	23.3	8.5	cf-e(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610009	19/06/2025 21:43:18	-	89.3	93.0	88.5	5.5	cf-n(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610010	19/06/2025 21:46:54	Pipistrellus sj	56.3	78.7	55.4	5.0	fm-d(4),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610011	19/06/2025 21:48:23	Pipistrellus sj	45.5	60.8	43.8	5.0	fm-d(11)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610012	19/06/2025 21:50:17	Pipistrellus sj	48.1	71.5	46.3	5.0	fm-d(11)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610013	19/06/2025 21:51:04	Pipistrellus sj	55.8	61.0	54.8	6.0	fm-d(11)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610014_1	19/06/2025 21:55:24	Myotis spec.	44.5	59.4	31.2	3.0	fm-l(6),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610014_2	19/06/2025 21:55:24	Myotis spec.	53.3	70.2	40.5	2.0	fm-l(7),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610015	19/06/2025 21:59:17	Nyctalus spe	27.1	29.5	25.0	4.8	fm-l(2),cl	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610016_2	19/06/2025 21:59:24	Pipistrellus sj	48.4	53.6	46.1	5.3	fm-d(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610016_1	19/06/2025 21:59:24	Nyctalus spe	27.8	36.4	26.9	7.0	fm-l(4),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610017_1	19/06/2025 21:59:55	-	91.0	93.8	88.3	6.8	cf-n(2),cl	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610017_2	19/06/2025 21:59:55	Pipistrellus sj	46.1	47.3	45.8	9.1	cf-e(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610018	19/06/2025 22:00:06	Pipistrellus sj	47.9	79.1	47.1	4.0	fm-d(9)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610019_1	19/06/2025 22:04:53	Pipistrellus sj	42.9	50.3	42.2	3.2	fm-l(2)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610019_2	19/06/2025 22:04:53	-	91.1	94.3	88.5	5.1	cf-n(1),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610020	19/06/2025 22:05:31	Pipistrellus sj	56.4	65.5	55.0	5.0	cf-e(7),cf	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610021	19/06/2025 22:08:16	Pipistrellus sj	45.2	56.1	44.2	5.0	fm-d(28)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610022	19/06/2025 22:08:22	Pipistrellus sj	45.2	61.4	44.1	4.0	fm-d(9),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610023	19/06/2025 22:08:27	Pipistrellus sj	44.7	54.8	43.9	4.0	fm-d(9),c	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610024_2	19/06/2025 22:08:31	Nyctalus spe	24.6	27.4	24.2	9.1	cf-n(2)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610024_1	19/06/2025 22:08:31	Pipistrellus sj	45.5	52.0	44.5	3.0	fm-l(7),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610025	19/06/2025 22:09:06	Pipistrellus sj	46.0	49.4	44.2	6.0	cf-e(5),fn	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610026	19/06/2025 22:09:11	Pipistrellus sj	45.2	50.6	44.3	5.0	fm-d(3),c	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610027	19/06/2025 22:09:13	Pipistrellus sj	46.3	58.9	45.3	4.0	fm-d(15)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610028	19/06/2025 22:09:31	Pipistrellus sj	44.9	46.3	44.2	4.0	cf-e(8),cf	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610029	19/06/2025 22:09:39	Pipistrellus sj	45.1	53.4	44.4	4.0	cf-e(7),fn	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610030	19/06/2025 22:09:57	Pipistrellus sj	56.0	79.6	55.2	7.0	fm-d(11)	50.99682 / -0.13514
▶	04610031	19/06/2025 22:10:18	Pipistrellus sj	56.0	58.0	54.8	4.0	cf-n(8),cl	50.99683 / -0.13519
▶	04610032	19/06/2025 22:10:27	Pipistrellus sj	42.8	62.4	41.5	5.0	fm-d(4),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610033	19/06/2025 22:12:24	Pipistrellus sj	46.0	53.6	45.2	4.0	fm-l(4),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610034	19/06/2025 22:15:04	Pipistrellus sj	46.5	47.8	45.5	9.0	cf-e(8),fn	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610035_2	19/06/2025 22:16:23	Pipistrellus sj	58.3	64.4	56.8	4.1	fm-d(3)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610035_1	19/06/2025 22:16:23	Pipistrellus sj	44.6	50.2	43.9	4.0	fm-l(3),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610036	19/06/2025 22:16:26	Pipistrellus sj	55.1	56.8	54.4	5.0	cf-e(8),cf	50.99687 / -0.13516
▶	04610037_1	19/06/2025 22:16:37	Pipistrellus sj	56.1	60.0	54.9	5.0	fm-d(9),c	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610037_2	19/06/2025 22:16:37	Pipistrellus sj	45.3	46.1	44.7	7.1	cf-e(4)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610037_3	19/06/2025 22:16:37	Eptesicus spe	29.6	41.3	26.3	9.1	fm-d(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610038	19/06/2025 22:17:46	Pipistrellus sj	55.3	58.4	54.4	5.0	cf-n(8),cl	50.99687 / -0.13512
▶	04610039	19/06/2025 22:18:08	Pipistrellus sj	43.5	47.6	42.8	5.0	cf-e(7),fn	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610040	19/06/2025 22:19:56	Pipistrellus sj	47.8	61.7	45.5	3.0	fm-d(14)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610041	19/06/2025 22:20:11	Pipistrellus sj	42.8	51.5	42.2	3.0	fm-l(3),fr	50.99686 / -0.13512
▶	04610042	19/06/2025 22:25:53	-	0.0	0.0	0.0	0.0		Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610043	19/06/2025 22:27:50	Pipistrellus sj	42.8	44.3	42.2	8.5	cf-e(4),fn	50.99681 / -0.13517
▶	04610044	19/06/2025 22:30:29	Pipistrellus sj	45.6	47.7	44.3	6.6	cf-n(3),cl	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5

▶	04610045	19/06/2025 22:31:50	-	46.1	47.8	44.6	4.8	fm-l(1),cl	50.99678 / -0.13512
▶	04610046_1	19/06/2025 22:32:42	Pipistrellus sj	43.7	50.1	43.1	6.0	fm-d(7),c	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610046_2	19/06/2025 22:32:42	-	90.8	93.4	89.6	6.4	cf-n(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610047	19/06/2025 22:34:50	Pipistrellus sj	44.7	51.7	43.6	6.0	fm-d(10)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610048	19/06/2025 22:35:50	Pipistrellus sj	45.6	45.9	44.6	7.0	cf-e(4)	50.99681 / -0.13514
▶	04610049	19/06/2025 22:36:46	Pipistrellus sj	46.2	49.2	45.3	5.0	cf-n(4),fr	50.99683 / -0.13518
▶	04610050_1	19/06/2025 22:36:57	Pipistrellus sj	46.5	47.3	45.8	6.4	cf-e(2),cf	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610050_2	19/06/2025 22:36:57	-	24.4	24.8	16.1	5.9	cf-e(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610051	19/06/2025 22:37:28	Pipistrellus sj	40.5	47.0	39.6	4.0	fm-d(7),f	50.99684 / -0.1352
▶	04610052	19/06/2025 22:38:39	Pipistrellus sj	45.5	46.4	44.4	9.0	cf-e(5)	50.99685 / -0.13516
▶	04610053	19/06/2025 22:39:28	-	0.0	0.0	0.0	0.0		Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610054_1	19/06/2025 22:41:27	Pipistrellus sj	46.7	49.4	45.9	6.0	cf-e(2),cf	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610054_2	19/06/2025 22:41:27	-	89.6	91.1	88.5	5.3	cf-e(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610055_1	19/06/2025 22:41:58	Myotis spec.	59.0	73.7	56.2	4.0	fm-d(5),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610055_2	19/06/2025 22:41:58	-	19.9	34.1	12.4	1.1	fm-l(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610056	19/06/2025 22:42:00	Pipistrellus sj	55.6	67.8	54.3	6.0	fm-d(9),c	50.99685 / -0.13516
▶	04610057	19/06/2025 22:45:08	Plecotus spe	34.6	53.4	23.4	5.0	fm-l(7),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610058	19/06/2025 22:46:56	Vespertilio sf	26.6	27.0	21.0	8.0	fm-d(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610059	19/06/2025 22:47:08	-	76.1	104.6	24.8	1.6	fm-l(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610060_2	19/06/2025 22:47:12	-	90.4	90.8	89.3	4.3	cf-n(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610060_1	19/06/2025 22:47:12	Myotis spec.	42.5	69.9	25.4	5.0	fm-l(11),	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610061	19/06/2025 22:48:25	-	26.6	38.6	12.0	2.7	fm-a(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610062	19/06/2025 22:49:38	-	0.0	0.0	0.0	0.0		Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610063	19/06/2025 22:49:57	Pipistrellus sj	45.6	49.2	43.8	3.0	fm-l(3),fr	50.99687 / -0.13519
▶	04610064	19/06/2025 22:51:33	-	27.8	74.6	27.4	1.1	fm-l(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610065	19/06/2025 22:51:47	-	23.6	28.5	13.1	4.3	fm-d(1)	Ridge House, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	04610066_1	19/06/2025 22:52:08	-	61.1	64.5	46.9	2.7	fm-a(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5

Supplemental bat detector – located northeast of the survey building (survey two)

Play Delc	Recording	Recorded	Sugg. Genus 1 / Peak Freq	Max Freq	Min Freq	Call	Call shape
▶	17570001	19/06/2025 20:58:42	-	38.1	39.0	26.2 3.3	fm-d(1)
▶	17570002	19/06/2025 20:58:49	-	0.0	0.0	0.0 0.0	
▶	17570003	19/06/2025 20:58:53	-	0.0	0.0	0.0 0.0	
▶	17570004	19/06/2025 21:02:18	-	0.0	0.0	0.0 0.0	
▶	17570005	19/06/2025 21:17:08	Pipistrellus sj	43.4	52.8	42.4 7.0	fm-d(8),c
▶	17570006	19/06/2025 21:18:37	Pipistrellus sj	42.5	48.1	41.8 5.0	fm-d(4),c
▶	17570007	19/06/2025 21:20:45	Pipistrellus sj	46.5	56.3	45.8 3.6	fm-l(1),fr
▶	17570008	19/06/2025 21:25:31	Pipistrellus sj	43.6	49.7	43.0 3.0	fm-l(3)
▶	17570009	19/06/2025 21:31:33	Pipistrellus sj	43.1	46.6	42.4 3.0	fm-l(2),fr
▶	17570010	19/06/2025 21:39:20	Pipistrellus sj	46.5	62.7	45.6 5.0	fm-d(9),f
▶	17570011	19/06/2025 21:40:54	Pipistrellus sj	46.7	55.9	45.4 4.0	fm-d(7),f
▶	17570012	19/06/2025 21:47:38	Pipistrellus sj	56.7	69.9	55.4 5.0	fm-d(17)
▶	17570013	19/06/2025 21:48:47	Pipistrellus sj	46.4	52.7	44.4 5.0	fm-d(6),c
▶	17570014	19/06/2025 21:51:08	Pipistrellus sj	44.7	54.2	43.9 5.0	fm-d(10)
▶	17570015	19/06/2025 21:59:55	Pipistrellus sj	47.7	67.2	45.6 5.0	fm-d(55)
▶	17570016	19/06/2025 22:04:35	Myotis spec.	43.6	67.7	31.9 3.0	fm-l(14)
▶	17570017	19/06/2025 22:05:25	Pipistrellus sj	43.6	61.1	40.3 6.0	fm-d(13)
▶	17570018	19/06/2025 22:05:50	Pipistrellus sj	45.5	52.7	43.6 4.0	fm-d(6),f
▶	17570019	19/06/2025 22:06:38	Pipistrellus sj	45.9	49.6	45.3 3.5	fm-l(2)
▶	17570020	19/06/2025 22:08:55	-	0.0	0.0	0.0 0.0	
▶	17570021	19/06/2025 22:09:00	Pipistrellus sj	44.2	47.9	42.1 5.5	fm-d(1)
▶	17570022	19/06/2025 22:09:02	Pipistrellus sj	45.0	51.5	44.0 4.4	fm-d(2),c
▶	17570023	19/06/2025 22:09:20	Pipistrellus sj	45.2	59.4	43.7 5.0	fm-d(23)
▶	17570024	19/06/2025 22:10:24	Pipistrellus sj	45.2	55.3	44.2 4.0	fm-d(10)
▶	17570025	19/06/2025 22:10:42	Myotis spec.	56.7	61.0	55.8 3.6	fm-l(2)
▶	17570026	19/06/2025 22:10:53	Pipistrellus sj	42.3	47.0	41.5 4.2	fm-l(2),fr
▶	17570027	19/06/2025 22:13:04	Myotis spec.	47.4	65.3	44.8 5.0	fm-d(17)
▶	17570028	19/06/2025 22:14:14	Pipistrellus sj	45.1	56.1	43.3 4.0	fm-d(28)
▶	17570029	19/06/2025 22:15:22	-	47.0	47.9	46.7 6.6	cf-e(1)
▶	17570030	19/06/2025 22:15:37	Myotis spec.	44.8	53.7	43.9 3.5	fm-l(3),fr
▶	17570031	19/06/2025 22:16:35	Myotis spec.	39.7	47.2	28.2 3.0	fm-a(4),f
▶	17570032	19/06/2025 22:16:42	Pipistrellus sj	44.4	56.4	42.8 5.0	fm-d(20)
▶	17570033	19/06/2025 22:17:15	Pipistrellus sj	54.7	59.5	54.1 6.0	fm-d(8),c
▶	17570034	19/06/2025 22:17:32	Pipistrellus sj	44.4	52.5	42.5 7.0	fm-d(11)
▶	17570035	19/06/2025 22:18:09	Pipistrellus sj	55.5	60.9	54.3 5.0	fm-d(7),c
▶	17570036	19/06/2025 22:18:43	Pipistrellus sj	42.9	53.4	41.5 5.0	fm-d(14)
▶	17570037	19/06/2025 22:20:15	Pipistrellus sj	46.7	58.1	45.1 4.0	fm-d(12)
▶	17570038	19/06/2025 22:20:44	Pipistrellus sj	42.0	43.9	41.3 6.2	cf-n(3),cf
▶	17570039	19/06/2025 22:20:50	Pipistrellus sj	44.6	45.7	43.7 6.0	cf-e(15),c
▶	17570040	19/06/2025 22:23:36	Pipistrellus sj	44.0	47.3	43.1 5.0	cf-e(10),c
▶	17570041	19/06/2025 22:27:25	Pipistrellus sj	43.1	49.9	42.2 5.0	cf-n(4),fn
▶	17570042	19/06/2025 22:28:22	Pipistrellus sj	44.3	48.6	43.2 6.0	cf-n(5),fn
▶	17570043	19/06/2025 22:29:13	-	0.0	0.0	0.0 0.0	
▶	17570044	19/06/2025 22:29:40	Pipistrellus sj	44.0	46.8	43.5 3.0	fm-l(3)
▶	17570045	19/06/2025 22:29:44	Pipistrellus sj	44.9	53.6	44.2 5.0	fm-d(12)
▶	17570046	19/06/2025 22:30:12	Pipistrellus sj	42.6	49.3	41.0 5.0	fm-d(8),c
▶	17570047	19/06/2025 22:33:14	Pipistrellus sj	43.3	45.1	42.4 7.2	cf-e(1)
▶	17570048	19/06/2025 22:33:17	Pipistrellus sj	43.6	45.8	42.7 6.2	cf-e(1),fn
▶	17570049	19/06/2025 22:35:14	Pipistrellus sj	44.7	55.5	43.2 5.0	fm-d(18)
▶	17570050_1	19/06/2025 22:38:00	Pipistrellus sj	44.5	50.6	43.5 5.0	fm-l(13),i
▶	17570050_2	19/06/2025 22:38:00	Pipistrellus sj	36.6	41.5	35.4 5.5	fm-d(1)
▶	17570051	19/06/2025 22:38:06	Myotis spec.	45.0	53.5	43.6 3.0	fm-l(10),i
▶	17570052	19/06/2025 22:38:10	Pipistrellus sj	44.4	53.3	43.4 5.0	fm-d(12)
▶	17570053	19/06/2025 22:39:41	Myotis spec.	39.9	52.1	30.4 3.0	fm-a(5),f
▶	17570054	19/06/2025 22:42:19	Pipistrellus sj	56.1	59.6	55.3 6.0	cf-e(9),fn

▶	17570055	19/06/2025 22:42:32	Pipistrellus sp	45.0	51.2	44.3	6.0	fm-d(7),c
▶	17570056	19/06/2025 22:46:50	Pipistrellus sp	45.6	46.2	44.9	6.0	cf-e(16),c
▶	17570057	19/06/2025 22:47:57	Myotis spec.	45.7	59.5	34.9	4.0	fm-l(17),c
▶	17570058	19/06/2025 22:48:24	Pipistrellus sp	47.7	53.4	46.8	5.0	fm-d(2),c
▶	17570059	19/06/2025 22:51:04	Nyctalus spe	20.1	30.5	19.5	6.6	fm-d(1)
▶	17570060	19/06/2025 22:51:09	Pipistrellus sp	43.5	45.4	42.5	6.0	cf-e(8),cf
▶	17570061	19/06/2025 22:51:32	Vespertilio sp	22.9	23.2	20.7	20	cf-e(1)
▶	17570062	19/06/2025 22:52:15	-	0.0	0.0	0.0	0.0	
▶	17570063	19/06/2025 22:53:01	-	0.0	0.0	0.0	0.0	
▶	17570064	19/06/2025 22:53:12	-	16.8	17.1	16.5	16	cf-e(1)
▶	17570065	19/06/2025 22:53:30	-	0.0	0.0	0.0	0.0	
▶	17570066	19/06/2025 22:53:38	-	16.2	20.1	13.7	7.2	cf-e(1)
▶	17570067	19/06/2025 22:53:44	-	15.3	31.1	11.9	5.9	cf-e(1)
▶	17570068	19/06/2025 22:53:58	-	16.5	16.8	14.9	10	cf-e(1)
▶	17570069	19/06/2025 22:54:13	-	15.6	15.9	14.3	9.2	cf-e(1)
▶	17570070	19/06/2025 22:54:16	-	0.0	0.0	0.0	0.0	
▶	17570071	19/06/2025 22:54:18	-	0.0	0.0	0.0	0.0	
▶	17570072	19/06/2025 22:54:21	-	0.0	0.0	0.0	0.0	
▶	17570073	19/06/2025 22:54:24	Nyctalus spe	19.2	19.5	18.9	7.2	cf-e(1)
▶	17570074	19/06/2025 22:54:28	-	0.0	0.0	0.0	0.0	

Supplemental bat detector – located southeast of the survey building (survey two)

Play Delc	Recording	Recorded	Sugg. Genus 1	Peak Freq	Max Freq	Min Freq	Call	Call shape	Location
▶	32900003	19/06/2025 21:16:37	Pipistrellus sj	46.2	52.6	44.2	4.0	fm-l(6),fr	50.996897 / -0.135005
▶	32900006	19/06/2025 21:31:20	Pipistrellus sj	58.0	66.8	56.9	5.0	fm-d(4),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	32900007	19/06/2025 21:40:26	Pipistrellus sj	45.4	50.4	44.4	5.0	fm-d(5),c	50.996922 / -0.134883
▶	32900013	19/06/2025 21:40:50	Pipistrellus sj	47.3	51.5	45.4	3.8	fm-d(2),f	50.996917 / -0.134878
▶	32900016	19/06/2025 21:41:00	Pipistrellus sj	46.5	52.6	45.1	3.3	fm-d(2),f	50.996928 / -0.134882
▶	32900017	19/06/2025 21:41:06	-	47.3	56.6	44.6	3.5	fm-l(2),cl	50.996941 / -0.134857
▶	32900018	19/06/2025 21:41:10	Pipistrellus sj	45.5	50.3	44.4	3.3	fm-l(2),fr	50.996941 / -0.134861
▶	32900021	19/06/2025 21:41:23	Pipistrellus sj	45.8	51.5	44.8	3.5	fm-d(1)	50.996937 / -0.134878
▶	32900027	19/06/2025 21:41:58	Pipistrellus sj	45.8	51.4	44.5	5.2	fm-d(2)	50.996913 / -0.134902
▶	32900028	19/06/2025 21:42:01	Pipistrellus sj	45.7	50.2	44.5	5.0	fm-d(3),f	50.996914 / -0.134898
▶	32900031	19/06/2025 21:42:18	Pipistrellus sj	45.7	52.8	44.3	5.5	fm-d(5),f	50.996932 / -0.134863
▶	32900032	19/06/2025 21:42:24	Pipistrellus sj	45.9	52.1	44.5	5.0	fm-d(4),f	50.996927 / -0.134875
▶	32900036	19/06/2025 21:42:43	Pipistrellus sj	46.2	52.7	44.4	5.0	fm-d(5),c	50.996905 / -0.1349
▶	32900037	19/06/2025 21:42:48	Pipistrellus sj	46.5	49.6	44.8	4.5	fm-d(2),c	Southease, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17
▶	32900038	19/06/2025 21:42:52	Pipistrellus sj	45.0	56.3	44.1	5.8	fm-d(4),c	Southease, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17
▶	32900039	19/06/2025 21:42:57	Pipistrellus sj	45.8	51.2	44.5	5.2	fm-d(4)	50.996915 / -0.1349
▶	32900044	19/06/2025 21:43:27	Pipistrellus sj	45.8	52.9	44.4	4.0	fm-d(7),f	50.996919 / -0.134888
▶	32900050	19/06/2025 21:45:48	Pipistrellus sj	47.3	64.8	46.5	3.0	fm-l(6),fr	50.996946 / -0.134863
▶	32900051	19/06/2025 21:46:57	Pipistrellus sj	57.6	71.7	56.6	4.0	fm-d(5),f	50.996931 / -0.134931
▶	32900052	19/06/2025 21:47:05	Pipistrellus sj	55.7	60.8	54.4	5.0	fm-d(6),f	50.996927 / -0.134934
▶	32900056	19/06/2025 21:50:42	Pipistrellus sj	44.8	55.7	44.0	5.0	fm-d(7),c	Southease, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17
▶	32900058	19/06/2025 21:50:57	Pipistrellus sj	45.5	52.4	44.5	3.0	fm-l(6),fr	Southease, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17
▶	32900059_1	19/06/2025 21:51:07	Pipistrellus sj	57.1	65.6	55.8	6.0	fm-d(6),f	50.996942 / -0.134845
▶	32900059_2	19/06/2025 21:51:07	Pipistrellus sj	45.4	49.7	44.8	3.3	fm-l(1)	50.996942 / -0.134845
▶	32900061_1	19/06/2025 21:51:16	Pipistrellus sj	56.0	65.3	55.0	4.0	fm-d(8),c	50.996945 / -0.134819
▶	32900061_2	19/06/2025 21:51:16	Pipistrellus sj	44.7	49.7	44.2	5.2	fm-d(1),c	50.996945 / -0.134819
▶	32900062	19/06/2025 21:51:22	Pipistrellus sj	43.6	43.9	43.0	5.2	cf-e(1)	Southease, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17
▶	32900064	19/06/2025 21:51:28	Pipistrellus sj	56.4	63.1	54.6	4.0	fm-d(14)	Southease, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17
▶	32900066	19/06/2025 21:51:50	Pipistrellus sj	56.2	64.5	54.7	7.0	fm-d(12)	50.996919 / -0.13489
▶	32900069	19/06/2025 21:53:58	Pipistrellus sj	45.8	48.7	44.9	4.6	fm-l(2),cl	50.996919 / -0.134946
▶	32900070	19/06/2025 21:54:02	Pipistrellus sj	45.1	51.1	43.9	5.6	fm-a(1),f	50.996921 / -0.134939
▶	32900071	19/06/2025 21:54:08	Pipistrellus sj	45.0	48.0	44.2	6.0	cf-e(4),cl	50.996925 / -0.134929
▶	32900072	19/06/2025 21:54:18	Pipistrellus sj	46.7	57.7	45.0	4.0	fm-d(5),c	50.99692 / -0.134957
▶	32900073	19/06/2025 21:54:30	Pipistrellus sj	45.7	51.3	44.7	4.3	fm-l(4),fr	50.996912 / -0.134969
▶	32900074	19/06/2025 21:54:41	Myotis spec.	47.0	65.7	33.0	3.0	fm-l(18),	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	32900079	19/06/2025 21:56:28	Pipistrellus sj	45.9	52.5	45.0	5.0	fm-d(4),f	50.996934 / -0.134619
▶	32900080	19/06/2025 21:56:38	Pipistrellus sj	45.1	48.3	44.4	5.0	cf-e(4),fr	50.996925 / -0.134776
▶	32900083_1	19/06/2025 21:59:02	Myotis spec.	32.5	42.8	30.1	3.0	fm-l(10),	50.99693 / -0.134863
▶	32900083_2	19/06/2025 21:59:02	Nyctalus spe	25.6	31.4	25.0	8.5	fm-d(1)	50.99693 / -0.134863
▶	32900085_3	19/06/2025 21:59:15	Myotis spec.	30.5	36.9	28.1	3.6	fm-l(2)	50.996926 / -0.134876
▶	32900085_1	19/06/2025 21:59:15	Pipistrellus sj	48.0	61.8	46.3	5.0	fm-d(30)	50.996926 / -0.134876
▶	32900085_2	19/06/2025 21:59:15	Nyctalus spe	25.5	30.8	24.5	6.6	fm-d(3),f	50.996926 / -0.134876
▶	32900086	19/06/2025 21:59:30	Barbastella sj	31.5	40.1	28.4	3.0	fm-l(13),	50.996919 / -0.134903
▶	32900087	19/06/2025 21:59:48	Pipistrellus sj	47.6	53.7	46.9	5.0	fm-d(9),f	50.996928 / -0.13486
▶	32900090	19/06/2025 22:00:10	Pipistrellus sj	47.7	51.6	46.7	5.0	fm-d(9),c	50.996934 / -0.134853
▶	32900091	19/06/2025 22:03:11	Pipistrellus sj	45.8	52.8	44.7	5.0	fm-d(10)	50.996922 / -0.134925
▶	32900092	19/06/2025 22:04:09	Myotis spec.	43.4	64.4	30.0	3.0	fm-l(33),	50.996889 / -0.135017
▶	32900095_1	19/06/2025 22:08:18	Pipistrellus sj	45.2	57.0	43.8	5.0	fm-d(57)	50.996906 / -0.134926
▶	32900095_2	19/06/2025 22:08:18	Eptesicus spe	30.2	38.9	26.7	9.3	fm-d(3),c	50.996906 / -0.134926
▶	32900095_3	19/06/2025 22:08:18	Vespertilio sf	25.0	27.1	22.9	12	cf-n(1)	50.996906 / -0.134926
▶	32900097_2	19/06/2025 22:08:48	Pipistrellus sj	44.4	47.5	43.8	5.0	cf-e(3),fr	50.996905 / -0.134919
▶	32900097_1	19/06/2025 22:08:48	Myotis spec.	31.8	38.6	28.5	4.0	fm-l(8),fr	50.996905 / -0.134919
▶	32900098_3	19/06/2025 22:08:57	Eptesicus spe	27.1	31.1	26.2	3.3	fm-l(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	32900098_2	19/06/2025 22:08:57	Myotis spec.	32.5	39.9	30.3	3.3	fm-l(2),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	32900098_1	19/06/2025 22:08:57	Pipistrellus sj	45.1	53.7	44.5	4.0	fm-d(6),c	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5

▶	32900100	19/06/2025 22:09:14	Pipistrellus sj	46.0	61.5	44.1	5.0	fm-d(22)	50.996882 / -0.134965
▶	32900101	19/06/2025 22:09:23	Pipistrellus sj	45.9	57.5	44.6	5.0	fm-d(5),f	50.996867 / -0.134981
▶	32900102	19/06/2025 22:09:34	Pipistrellus sj	45.6	54.0	44.7	5.0	fm-d(8),f	50.996862 / -0.134964
▶	32900103_1	19/06/2025 22:09:44	Pipistrellus sj	45.9	53.5	45.0	4.0	fm-d(7),c	50.996867 / -0.134972
▶	32900103_2	19/06/2025 22:09:44	Pipistrellus sj	55.3	57.2	54.5	5.0	cf-n(3),cf	50.996867 / -0.134972
▶	32900105	19/06/2025 22:10:05	Pipistrellus sj	56.2	59.5	55.0	5.0	fm-d(4),c	50.996896 / -0.134937
▶	32900106	19/06/2025 22:10:09	Pipistrellus sj	55.4	61.4	54.2	6.0	fm-d(8),c	50.996898 / -0.134914
▶	32900107	19/06/2025 22:10:15	Pipistrellus sj	56.1	63.3	55.3	4.0	fm-d(17)	50.996896 / -0.134889
▶	32900108	19/06/2025 22:10:23	Pipistrellus sj	42.5	60.0	40.6	5.0	fm-d(9),f	50.996909 / -0.134854
▶	32900109	19/06/2025 22:11:13	Barbastella sj	30.1	36.8	27.0	3.0	fm-l(13),v	50.996918 / -0.134912
▶	32900110	19/06/2025 22:11:22	Nyctalus spe	26.9	32.0	25.0	7.0	fm-l(4),fr	50.996925 / -0.134925
▶	32900111	19/06/2025 22:14:29	Myotis spec.	37.6	57.2	23.1	4.0	fm-l(15),v	50.996912 / -0.134965
▶	32900113	19/06/2025 22:14:57	Pipistrellus sj	46.8	48.5	46.0	9.0	cf-e(6),fn	50.996917 / -0.134961
▶	32900118	19/06/2025 22:16:29	Pipistrellus sj	55.8	62.4	54.9	5.0	fm-d(11)	50.996939 / -0.134903
▶	32900119_1	19/06/2025 22:16:40	Pipistrellus sj	55.2	58.7	54.3	5.0	cf-e(6),fn	50.996927 / -0.134897
▶	32900119_2	19/06/2025 22:16:40	Pipistrellus sj	45.9	48.3	45.4	6.0	cf-e(5),fn	50.996927 / -0.134897
▶	32900120	19/06/2025 22:17:43	Pipistrellus sj	55.6	64.1	54.6	5.0	fm-d(10)	50.996964 / -0.134856
▶	32900121	19/06/2025 22:17:50	Pipistrellus sj	55.3	58.1	54.5	5.0	cf-e(10),c	50.996966 / -0.134844
▶	32900122	19/06/2025 22:18:09	Pipistrellus sj	43.1	49.1	42.3	5.0	fm-d(12)	50.996947 / -0.134837
▶	32900123	19/06/2025 22:18:27	-	46.7	52.8	45.1	4.6	fm-d(1)	50.996932 / -0.134908
▶	32900124	19/06/2025 22:18:30	Pipistrellus sj	44.9	48.6	43.9	5.0	cf-e(5),cf	50.996932 / -0.134911
▶	32900125	19/06/2025 22:20:11	Pipistrellus sj	42.2	45.1	41.4	6.0	cf-e(9),fn	50.99693 / -0.134936
▶	32900126	19/06/2025 22:23:08	Pipistrellus sj	43.9	48.6	43.0	5.0	fm-d(12)	50.996911 / -0.134911
▶	32900127	19/06/2025 22:24:23	Pipistrellus sj	46.3	55.4	44.7	5.0	fm-d(28)	50.996894 / -0.13499
▶	32900128	19/06/2025 22:27:09	Pipistrellus sj	48.0	52.9	47.2	5.0	fm-l(4),fr	50.99691 / -0.134963
▶	32900129	19/06/2025 22:27:50	Pipistrellus sj	44.0	48.2	43.2	5.0	cf-e(15),f	50.996888 / -0.134972
▶	32900130	19/06/2025 22:28:10	Pipistrellus sj	47.6	55.5	46.6	5.0	fm-d(6),c	50.996865 / -0.135026
▶	32900132	19/06/2025 22:29:18	Pipistrellus sj	44.9	48.0	44.2	6.0	cf-e(6),fn	50.996895 / -0.134915
▶	32900135	19/06/2025 22:30:46	Pipistrellus sj	47.5	55.7	46.8	3.5	fm-d(3),f	50.99691 / -0.135097
▶	32900136	19/06/2025 22:30:50	Pipistrellus sj	46.7	52.4	45.9	5.0	fm-d(3),c	50.996903 / -0.1351
▶	32900137	19/06/2025 22:31:50	Pipistrellus sj	45.6	48.8	44.6	5.0	fm-d(4),c	Southease, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	32900139	19/06/2025 22:32:43	Pipistrellus sj	44.5	50.0	43.5	5.0	fm-d(16)	50.996909 / -0.134878
▶	32900140	19/06/2025 22:32:51	Pipistrellus sj	44.9	49.0	43.4	4.0	cf-n(6),fn	50.996907 / -0.134878
▶	32900142	19/06/2025 22:35:52	Pipistrellus sj	45.3	46.6	44.8	10	cf-e(3)	50.996922 / -0.134955
▶	32900145	19/06/2025 22:36:48	Pipistrellus sj	46.3	49.8	45.6	5.0	cf-e(8),cf	50.996926 / -0.134884
▶	32900146_1	19/06/2025 22:37:24	Nyctalus spe	32.5	33.6	31.0	6.2	cf-e(3),fn	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	32900146_2	19/06/2025 22:37:24	Pipistrellus sj	44.0	45.8	42.5	5.0	cf-n(3),fn	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	32900147	19/06/2025 22:37:40	Pipistrellus sj	44.8	51.8	43.3	4.0	fm-l(13),v	50.9969 / -0.134955
▶	32900148	19/06/2025 22:38:40	Pipistrellus sj	46.1	47.0	44.9	8.0	cf-e(10),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	32900150	19/06/2025 22:40:37	Myotis spec.	48.3	53.3	47.2	3.0	fm-l(9),cl	50.9969 / -0.134896
▶	32900151	19/06/2025 22:41:40	Pipistrellus sj	46.8	47.5	45.4	5.8	cf-e(3),cf	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	32900152	19/06/2025 22:41:54	Pipistrellus sj	56.6	62.4	55.6	5.0	fm-d(10)	50.996928 / -0.134958
▶	32900153	19/06/2025 22:44:14	Pipistrellus sj	45.4	48.0	44.3	5.0	cf-e(3),cf	50.996898 / -0.135066
▶	32900157	19/06/2025 22:45:42	Myotis spec.	43.6	56.6	32.9	3.0	fm-l(14),v	50.996908 / -0.135037
▶	32900158	19/06/2025 22:46:22	Pipistrellus sj	45.5	46.6	45.0	8.0	cf-e(5),fn	50.996907 / -0.135041
▶	32900161	19/06/2025 22:47:22	Myotis spec.	42.8	55.4	30.8	3.0	fm-l(16),v	50.996949 / -0.13497
▶	32900163	19/06/2025 22:47:43	Pipistrellus sj	43.0	46.1	42.1	5.0	cf-e(8),cf	50.996951 / -0.134979
▶	32900164	19/06/2025 22:48:35	Pipistrellus sj	45.6	47.2	45.0	7.0	cf-e(7),cf	50.996933 / -0.134987
▶	32900165	19/06/2025 22:49:51	Pipistrellus sj	44.1	47.7	43.2	5.6	fm-d(3),c	50.996925 / -0.134969
▶	32900189	19/06/2025 22:54:37	-	17.7	21.7	14.4	4.4	fm-l(1),cl	50.996917 / -0.134911
▶	32900192	19/06/2025 22:54:54	-	20.4	30.5	14.0	5.9	fm-d(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	32900205	19/06/2025 22:55:47	Pipistrellus sj	35.4	36.3	35.1	17	cf-e(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5

▶	32900132	19/06/2025 22:29:18	Pipistrellus sj	44.9	48.0	44.2	6.0	cf-e(6),fn	50.996895 / -0.134915
▶	32900135	19/06/2025 22:30:46	Pipistrellus sj	47.5	55.7	46.8	3.5	fm-d(3),f	50.99691 / -0.135097
▶	32900136	19/06/2025 22:30:50	Pipistrellus sj	46.7	52.4	45.9	5.0	fm-d(3),c	50.996903 / -0.1351
▶	32900137	19/06/2025 22:31:50	Pipistrellus sj	45.6	48.8	44.6	5.0	fm-d(4),c	Southase, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH11
▶	32900139	19/06/2025 22:32:43	Pipistrellus sj	44.5	50.0	43.5	5.0	fm-d(16)	50.996909 / -0.134878
▶	32900140	19/06/2025 22:32:51	Pipistrellus sj	44.9	49.0	43.4	4.0	cf-n(6),fn	50.996907 / -0.134878
▶	32900142	19/06/2025 22:35:52	Pipistrellus sj	45.3	46.6	44.8	10	cf-e(3)	50.996922 / -0.134955
▶	32900145	19/06/2025 22:36:48	Pipistrellus sj	46.3	49.8	45.6	5.0	cf-e(8),cf	50.996926 / -0.134884
▶	32900146_1	19/06/2025 22:37:24	Nyctalus spe	32.5	33.6	31.0	6.2	cf-e(3),fn	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	32900146_2	19/06/2025 22:37:24	Pipistrellus sj	44.0	45.8	42.5	5.0	cf-n(3),fn	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	32900147	19/06/2025 22:37:40	Pipistrellus sj	44.8	51.8	43.3	4.0	fm-l(13),c	50.9969 / -0.134955
▶	32900148	19/06/2025 22:38:40	Pipistrellus sj	46.1	47.0	44.9	8.0	cf-e(10),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	32900150	19/06/2025 22:40:37	Myotis spec.	48.3	53.3	47.2	3.0	fm-l(9),cl	50.9969 / -0.134896
▶	32900151	19/06/2025 22:41:40	Pipistrellus sj	46.8	47.5	45.4	5.8	cf-e(3),cf	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	32900152	19/06/2025 22:41:54	Pipistrellus sj	56.6	62.4	55.6	5.0	fm-d(10)	50.996928 / -0.134958
▶	32900153	19/06/2025 22:44:14	Pipistrellus sj	45.4	48.0	44.3	5.0	cf-e(3),cf	50.996898 / -0.135066
▶	32900157	19/06/2025 22:45:42	Myotis spec.	43.6	56.6	32.9	3.0	fm-l(14),c	50.996908 / -0.135037
▶	32900158	19/06/2025 22:46:22	Pipistrellus sj	45.5	46.6	45.0	8.0	cf-e(5),fn	50.996907 / -0.135041
▶	32900161	19/06/2025 22:47:22	Myotis spec.	42.8	55.4	30.8	3.0	fm-l(16),c	50.996949 / -0.13497
▶	32900163	19/06/2025 22:47:43	Pipistrellus sj	43.0	46.1	42.1	5.0	cf-e(8),cf	50.996951 / -0.134979
▶	32900164	19/06/2025 22:48:35	Pipistrellus sj	45.6	47.2	45.0	7.0	cf-e(7),cf	50.996933 / -0.134987
▶	32900165	19/06/2025 22:49:51	Pipistrellus sj	44.1	47.7	43.2	5.6	fm-d(3),c	50.996925 / -0.134969
▶	32900189	19/06/2025 22:54:37	-	17.7	21.7	14.4	4.4	fm-l(1),cl	50.996917 / -0.134911
▶	32900192	19/06/2025 22:54:54	-	20.4	30.5	14.0	5.5	fm-d(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	32900205	19/06/2025 22:55:47	Pipistrellus sj	35.4	36.3	35.1	17	cf-e(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5

Supplemental bat detector – located west of the survey building (survey two)

Play/Delete	Recording	Recorded	Sugg. Genus 1	Peak Freq	Max Freq	Min Freq	Call	Call shape	Location
▶	11520000_1	19/06/2025 21:16:42	Myotis spec.	46.1	58.2	45.1	3.0	fm-l(4)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520000_2	19/06/2025 21:16:42	-	79.9	89.3	78.8	2.1	fm-l(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520001	19/06/2025 21:18:10	Pipistrellus sj	43.3	52.3	42.6	5.0	fm-d(4),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520002	19/06/2025 21:31:05	Pipistrellus sj	43.8	52.3	42.5	3.0	fm-l(4),cl	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520003	19/06/2025 21:32:52	Pipistrellus sj	47.4	55.7	45.8	3.0	fm-l(4),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520004_1	19/06/2025 21:34:27	Myotis spec.	49.0	73.3	33.2	2.1	fm-l(3),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520004_2	19/06/2025 21:34:27	Myotis spec.	62.8	80.8	38.9	2.5	fm-l(3)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520004_3	19/06/2025 21:34:27	-	70.1	80.3	31.5	2.7	fm-l(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520005_1	19/06/2025 21:34:31	Myotis spec.	65.5	77.1	44.5	2.0	fm-l(4)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520005_2	19/06/2025 21:34:31	Myotis spec.	48.2	78.2	34.3	2.7	fm-l(2)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520006_4	19/06/2025 21:36:27	-	81.4	85.1	79.5	4.8	cf-n(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520006_3	19/06/2025 21:36:27	-	52.5	59.3	46.5	2.1	fm-l(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520006_2	19/06/2025 21:36:27	-	48.0	57.8	31.9	3.2	fm-d(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520006_1	19/06/2025 21:36:27	-	87.6	90.8	84.0	6.4	fm-d(2)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520007_1	19/06/2025 21:38:50	Pipistrellus sj	46.0	53.7	45.4	3.7	fm-l(4),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520007_2	19/06/2025 21:38:50	-	85.5	86.6	79.9	2.1	fm-l(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520008_1	19/06/2025 21:39:09	Myotis spec.	54.3	68.0	42.5	2.1	fm-l(2),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520008_2	19/06/2025 21:39:09	Myotis spec.	48.0	58.1	43.5	2.1	fm-l(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520008_3	19/06/2025 21:39:09	-	88.1	88.5	84.8	5.9	cf-e(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520009_1	19/06/2025 21:39:49	Myotis spec.	54.5	66.8	41.8	2.0	fm-l(7),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520009_2	19/06/2025 21:39:49	-	71.3	86.3	43.5	2.1	fm-l(2)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520010	19/06/2025 21:40:23	Pipistrellus sj	47.5	58.5	45.4	5.0	fm-d(4),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520011_2	19/06/2025 21:41:31	-	54.4	60.8	44.6	1.6	fm-l(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520011_1	19/06/2025 21:41:31	Myotis spec.	50.4	63.9	38.2	2.0	fm-l(4),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520012_1	19/06/2025 21:44:15	Myotis spec.	69.1	93.5	46.4	3.0	fm-l(2),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520012_2	19/06/2025 21:44:15	Myotis spec.	49.9	62.6	43.5	2.1	fm-l(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520013	19/06/2025 21:47:13	Pipistrellus sj	57.5	65.1	56.8	4.0	fm-d(4),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520014	19/06/2025 21:48:20	Pipistrellus sj	47.1	59.4	45.4	3.0	fm-d(8),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520015_1	19/06/2025 21:50:17	-	78.4	78.8	77.3	5.3	cf-e(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520015_2	19/06/2025 21:50:17	-	84.8	91.5	84.4	3.2	fm-d(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520016	19/06/2025 21:50:25	-	0.0	0.0	0.0	0.0		Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520017	19/06/2025 21:50:27	-	84.0	87.8	79.1	3.7	fm-a(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520018	19/06/2025 21:51:03	Pipistrellus sj	55.5	59.3	54.5	5.0	cf-e(4),fn	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520019	19/06/2025 21:51:36	-	0.0	0.0	0.0	0.0		Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520020	19/06/2025 21:53:13	Myotis spec.	49.6	83.5	31.4	3.0	fm-l(17),	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520021_1	19/06/2025 21:53:18	-	49.9	60.6	45.2	3.5	fm-d(1),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520021_2	19/06/2025 21:53:18	-	87.8	92.3	86.6	5.3	cf-n(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520022_1	19/06/2025 21:54:37	Myotis spec.	47.0	77.3	30.0	3.0	fm-l(7),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520022_2	19/06/2025 21:54:37	-	66.8	79.9	55.5	5.9	fm-a(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520023_1	19/06/2025 21:55:23	Myotis spec.	47.5	62.0	32.8	3.0	fm-l(6),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520023_2	19/06/2025 21:55:23	-	88.1	91.5	87.0	4.8	cf-n(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520024_1	19/06/2025 21:55:27	Myotis spec.	47.9	62.6	32.5	3.0	fm-l(4),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520024_2	19/06/2025 21:55:27	-	82.1	85.9	79.9	5.9	fm-d(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520025	19/06/2025 21:55:30	Myotis spec.	46.8	76.1	27.0	4.0	fm-l(11),	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520026	19/06/2025 21:55:35	-	43.3	57.0	32.4	3.2	fm-a(1),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520027_2	19/06/2025 22:04:53	-	87.8	94.1	86.3	3.7	fm-d(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520027_1	19/06/2025 22:04:53	Pipistrellus sj	44.2	53.3	41.5	3.0	fm-l(3),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520028_1	19/06/2025 22:05:28	Pipistrellus sj	58.9	67.0	57.0	4.0	fm-d(8),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520028_2	19/06/2025 22:05:28	-	82.9	91.5	63.4	2.7	fm-l(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520029	19/06/2025 22:06:10	Pipistrellus sj	47.3	70.3	46.6	4.0	fm-d(4),c	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520030	19/06/2025 22:08:15	Pipistrellus sj	45.1	54.0	43.0	5.0	fm-d(11)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520031	19/06/2025 22:08:28	Pipistrellus sj	44.4	57.6	43.9	4.3	fm-d(2)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520032	19/06/2025 22:09:12	Pipistrellus sj	44.9	48.5	44.2	5.0	cf-e(2),fn	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520033	19/06/2025 22:12:22	Pipistrellus sj	46.8	61.7	45.3	3.0	fm-d(22)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520034	19/06/2025 22:12:32	Myotis spec.	48.4	54.4	45.8	3.0	fm-l(7),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5

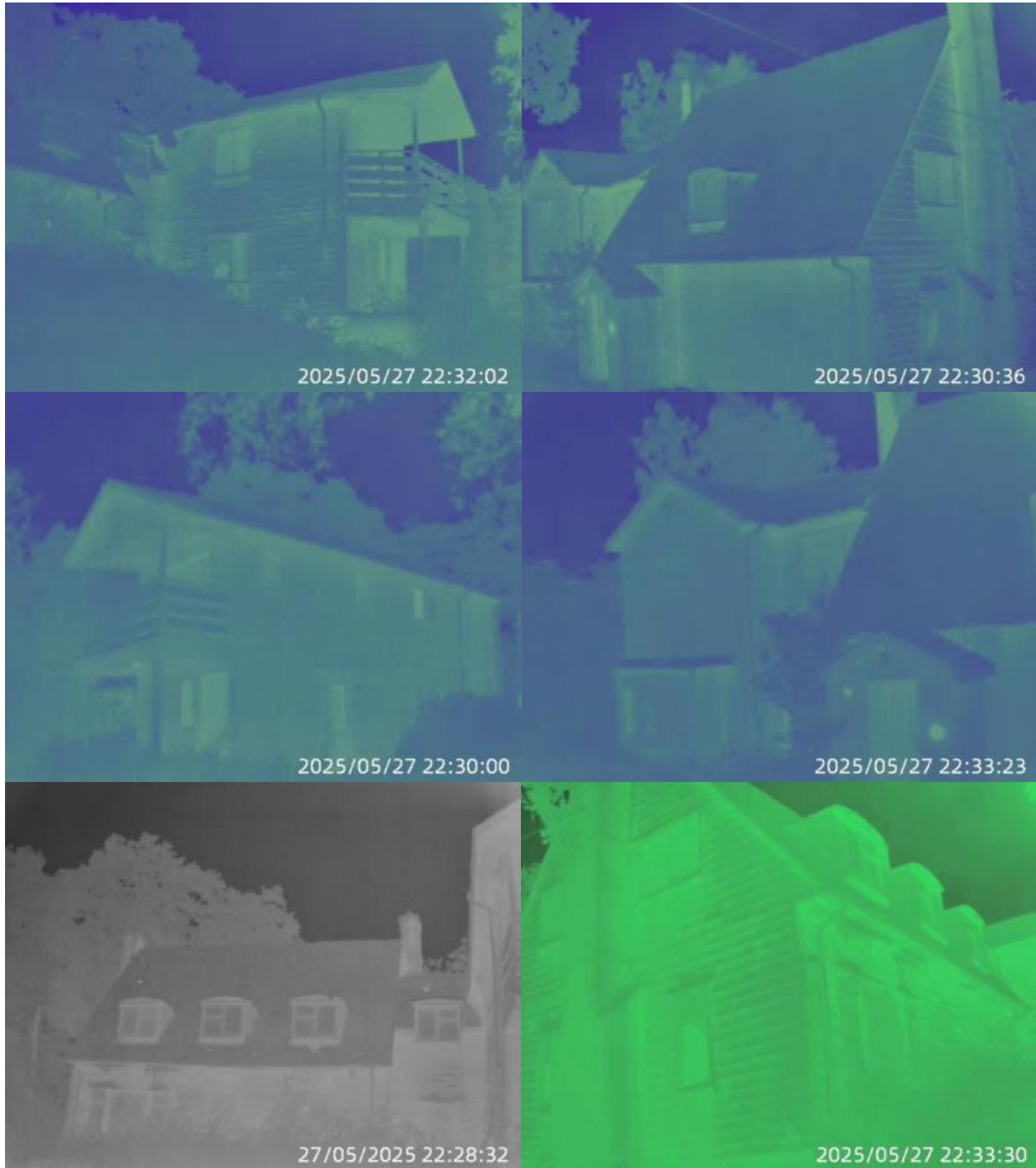
▶	11520035_2	19/06/2025 22:15:12	-	79.5	85.5	79.1	6.9	fm-d(1)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520035_1	19/06/2025 22:15:12	Pipistrellus sj	45.8	52.6	44.3	4.4	fm-l(4),cl	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520036_3	19/06/2025 22:16:10	-	84.0	93.4	64.5	1.6	fm-l(1)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520036_1	19/06/2025 22:16:10	Myotis spec.	52.5	75.7	25.0	3.0	fm-l(6),fr	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520036_2	19/06/2025 22:16:10	Myotis spec.	36.8	50.4	21.6	2.8	fm-a(3),f	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520037_1	19/06/2025 22:16:19	Pipistrellus sj	45.6	60.1	44.6	4.0	fm-l(7),fr	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520037_2	19/06/2025 22:16:19	-	81.0	81.4	78.4	4.3	cf-n(1)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520037_3	19/06/2025 22:16:19	-	84.8	89.6	82.9	3.7	fm-d(1)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520038	19/06/2025 22:16:23	Pipistrellus sj	44.8	57.0	43.9	3.0	fm-d(5),f	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520039_2	19/06/2025 22:16:37	Pipistrellus sj	55.1	56.6	54.8	5.9	cf-n(1)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520039_1	19/06/2025 22:16:37	Pipistrellus sj	46.5	48.8	45.2	7.0	cf-e(5),fn	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520040	19/06/2025 22:17:00	Pipistrellus sj	44.0	50.3	42.6	5.0	fm-d(5),f	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520041	19/06/2025 22:18:06	Pipistrellus sj	43.6	51.0	42.1	4.0	fm-l(4),fr	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520042	19/06/2025 22:19:53	Myotis spec.	48.0	59.6	46.5	2.0	fm-l(16)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520043	19/06/2025 22:20:11	Pipistrellus sj	42.4	44.1	41.3	5.0	cf-n(1),fr	50.99691 / -0.13538
▶	11520044_1	19/06/2025 22:20:19	Pipistrellus sj	44.7	45.9	43.6	6.0	cf-e(7),cl	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520044_2	19/06/2025 22:20:19	-	83.3	84.4	81.0	4.8	cf-n(1)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520045	19/06/2025 22:23:07	Pipistrellus sj	43.6	47.4	42.7	5.0	cf-e(5),fn	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520046	19/06/2025 22:26:59	Myotis spec.	47.6	59.2	44.7	3.0	fm-l(20),	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520047	19/06/2025 22:27:05	Pipistrellus sj	47.9	53.7	46.8	5.0	fm-d(7),c	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520048_1	19/06/2025 22:27:50	Pipistrellus sj	43.8	48.2	42.5	6.0	fm-d(9),c	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520048_2	19/06/2025 22:27:50	-	83.3	87.4	80.6	4.8	cf-n(1)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520049	19/06/2025 22:30:18	Pipistrellus sj	44.3	44.3	42.8	5.9	cf-e(1)	50.99687 / -0.13528
▶	11520050	19/06/2025 22:32:42	Pipistrellus sj	42.8	44.5	42.0	4.0	cf-n(9),cl	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520051	19/06/2025 22:34:49	Pipistrellus sj	45.3	55.0	44.4	4.0	fm-d(5),f	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520052_1	19/06/2025 22:37:27	Pipistrellus sj	43.2	55.1	41.4	4.0	fm-d(20)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520052_2	19/06/2025 22:37:27	Myotis spec.	55.7	63.8	48.0	2.4	fm-l(2)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520053	19/06/2025 22:37:38	Pipistrellus sj	44.3	52.5	43.2	3.0	fm-l(8),fr	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520054	19/06/2025 22:38:38	Pipistrellus sj	46.1	46.3	45.0	5.9	cf-e(2)	50.99694 / -0.13541
▶	11520055_1	19/06/2025 22:45:25	-	75.4	79.1	62.4	1.6	fm-l(2)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520055_2	19/06/2025 22:45:25	-	61.9	94.9	19.5	4.3	fm-a(1)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520056_1	19/06/2025 22:45:28	-	64.8	77.9	31.3	2.0	fm-l(3)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520056_2	19/06/2025 22:45:28	Myotis spec.	51.0	72.6	20.8	1.9	fm-l(2)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520056_3	19/06/2025 22:45:28	-	84.8	88.3	69.0	3.7	fm-d(1),c	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520056_4	19/06/2025 22:45:28	-	27.0	36.0	18.0	2.1	fm-l(1)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520057_2	19/06/2025 22:46:20	-	83.6	86.3	81.4	6.9	cf-n(1)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520057_1	19/06/2025 22:46:20	Pipistrellus sj	45.3	45.9	44.2	8.0	cf-e(6)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	11520058	19/06/2025 22:47:26	Pipistrellus sj	47.3	51.9	45.4	5.0	fm-d(4),f	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5

Supplemental bat detector – located west-southwest of the survey building (survey two)

Play Delc	Recording	Recorded	Sugg. Genus 1	Peak Freq	Max Freq	Min Freq	Call	Call shape	Location
▶	06070000	19/06/2025 21:18:11	Pipistrellus s1	43.1	53.7	42.4	5.0	fm-d(4),c	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070001	19/06/2025 21:31:08	Pipistrellus s1	42.3	47.2	41.5	4.0	cf-e(9),fn	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070002_1	19/06/2025 21:31:56	Pipistrellus s1	47.6	59.6	46.7	4.0	fm-d(1),f	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070002_2	19/06/2025 21:31:56	-	90.8	94.1	88.1	2.1	fm-l(1)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070003_1	19/06/2025 21:32:55	Pipistrellus s1	45.1	65.5	44.1	6.4	fm-d(5)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070003_2	19/06/2025 21:32:55	-	89.3	89.3	87.4	5.3	cf-e(1)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070004	19/06/2025 21:34:31	Myotis spec.	50.3	64.1	43.9	2.1	fm-l(1)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070005	19/06/2025 21:42:52	Pipistrellus s1	44.7	50.2	43.6	5.0	fm-d(4),f	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070006_2	19/06/2025 21:46:56	-	91.1	91.1	87.0	4.8	cf-n(1)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070006_1	19/06/2025 21:46:56	Pipistrellus s1	56.4	63.8	55.1	4.0	fm-d(5),c	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070007	19/06/2025 21:48:22	Pipistrellus s1	44.6	52.7	43.5	6.0	fm-d(8),c	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070008	19/06/2025 21:48:28	Pipistrellus s1	46.7	56.6	45.1	5.0	fm-d(4),c	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070009	19/06/2025 21:50:15	Pipistrellus s1	47.2	60.2	46.3	5.0	fm-d(7),c	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070010	19/06/2025 21:51:00	Pipistrellus s1	45.5	53.1	44.7	4.4	fm-d(4),f	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070011	19/06/2025 21:51:04	Pipistrellus s1	54.7	57.8	53.4	5.0	cf-e(5),cf	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070012	19/06/2025 21:53:15	Myotis spec.	50.9	67.0	34.3	3.0	fm-l(5),fr	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070013	19/06/2025 21:55:20	Myotis spec.	44.6	69.0	28.2	4.0	fm-a(20)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070015_2	19/06/2025 21:59:24	-	87.8	91.1	86.3	4.8	fm-d(1)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070015_1	19/06/2025 21:59:24	Myotis spec.	47.4	53.0	46.4	4.0	fm-l(5),fr	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070016	19/06/2025 21:59:32	Barbastella s1	31.0	40.7	29.3	3.0	fm-l(9)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070017_2	19/06/2025 22:00:07	-	90.8	90.8	87.4	3.2	cf-n(1)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070017_1	19/06/2025 22:00:07	Pipistrellus s1	47.0	54.4	46.3	4.2	fm-d(4),f	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070018_1	19/06/2025 22:03:16	Pipistrellus s1	45.8	53.6	45.0	3.7	fm-l(1)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070018_2	19/06/2025 22:03:16	-	89.3	90.0	82.1	5.9	fm-a(1)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070019	19/06/2025 22:05:30	Pipistrellus s1	56.1	65.1	55.0	4.0	cf-e(10),f	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070020	19/06/2025 22:06:11	Pipistrellus s1	48.0	58.8	46.9	3.0	fm-d(6),f	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070021	19/06/2025 22:08:16	Pipistrellus s1	44.9	58.2	43.9	5.0	fm-d(39)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070022	19/06/2025 22:08:26	Pipistrellus s1	44.8	62.1	44.1	5.0	fm-d(22)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070023	19/06/2025 22:09:08	Pipistrellus s1	45.3	56.0	44.6	5.0	fm-d(18)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070024	19/06/2025 22:09:31	Pipistrellus s1	44.8	47.4	44.2	5.0	cf-e(14),c	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070025	19/06/2025 22:09:38	Pipistrellus s1	45.7	50.1	44.8	4.0	fm-d(9),c	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070026	19/06/2025 22:09:57	Pipistrellus s1	55.8	60.2	54.8	5.0	cf-e(5),cf	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070027_1	19/06/2025 22:10:07	Pipistrellus s1	56.9	60.4	54.9	6.2	cf-n(2),fn	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070027_2	19/06/2025 22:10:07	-	93.0	93.4	90.0	5.3	cf-n(1)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070028	19/06/2025 22:10:17	Pipistrellus s1	55.7	57.1	54.8	5.0	cf-n(8),cf	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070029	19/06/2025 22:10:26	Pipistrellus s1	42.9	53.5	41.8	4.0	fm-d(5),f	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070030	19/06/2025 22:11:15	Myotis spec.	27.3	34.0	25.5	5.3	fm-l(1),fr	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070031	19/06/2025 22:12:24	Pipistrellus s1	46.0	58.3	44.8	4.0	fm-d(9),f	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070032_3	19/06/2025 22:15:03	-	27.8	40.5	23.3	1.1	fm-l(1)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070032_4	19/06/2025 22:15:03	-	83.6	91.9	79.5	2.1	fm-l(1)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070032_1	19/06/2025 22:15:03	Pipistrellus s1	46.9	50.4	46.0	6.0	cf-e(9),fn	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070032_2	19/06/2025 22:15:03	-	90.4	91.7	86.1	7.5	cf-n(1),fn	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070033_3	19/06/2025 22:16:10	-	84.0	87.8	83.6	10	cf-e(1)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070033_2	19/06/2025 22:16:10	-	58.5	67.7	46.1	2.4	fm-l(2)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070033_1	19/06/2025 22:16:10	-	44.5	59.3	25.3	3.4	fm-a(2),f	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070034_1	19/06/2025 22:16:13	Myotis spec.	42.3	64.8	23.5	4.0	fm-a(6),f	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070034_2	19/06/2025 22:16:13	Plecotus spei	30.4	52.9	23.3	3.7	fm-l(1)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070035	19/06/2025 22:16:23	Pipistrellus s1	44.6	50.3	43.5	3.7	fm-l(2)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070036	19/06/2025 22:16:27	Pipistrellus s1	55.6	59.0	55.0	5.0	cf-e(4),fn	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070037_1	19/06/2025 22:16:36	Pipistrellus s1	55.9	58.8	54.8	5.0	cf-e(10),c	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070037_2	19/06/2025 22:16:36	Pipistrellus s1	45.5	47.6	45.0	6.9	cf-e(2),cf	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070037_3	19/06/2025 22:16:36	Nyctalus spe	27.8	32.3	23.6	13	cf-n(1)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070038	19/06/2025 22:17:46	Pipistrellus s1	54.9	58.7	54.1	5.0	cf-n(6),fn	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070039	19/06/2025 22:18:08	Pipistrellus s1	43.1	47.4	42.3	5.0	cf-e(11),f	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070040_2	19/06/2025 22:18:33	-	89.6	98.3	88.9	3.2	fm-l(1)	Hobbitts, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5

▶	06070040_1	19/06/2025 22:18:33	Pipistrellus sj	44.5	50.0	43.8	5.0	fm-d(7),c	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070041	19/06/2025 22:19:57	Pipistrellus sj	45.8	60.3	44.9	5.0	fm-d(8)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070042	19/06/2025 22:20:11	Pipistrellus sj	41.9	47.7	40.9	6.0	fm-d(8),c	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070043_1	19/06/2025 22:23:08	Pipistrellus sj	43.9	49.0	42.9	6.0	cf-n(8),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070043_2	19/06/2025 22:23:08	-	80.3	90.4	79.9	2.1	fm-l(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070043_3	19/06/2025 22:23:08	-	93.8	97.1	92.3	6.4	cf-n(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070044	19/06/2025 22:23:12	Myotis spec.	53.0	75.8	37.0	3.0	fm-l(4),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070045	19/06/2025 22:27:07	Pipistrellus sj	47.7	53.9	46.9	5.0	fm-d(6),c	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070046	19/06/2025 22:27:50	Pipistrellus sj	43.6	49.6	42.6	7.0	fm-d(18)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070047	19/06/2025 22:31:50	Pipistrellus sj	44.4	45.8	43.4	4.0	cf-n(8),cf	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070048_2	19/06/2025 22:32:43	Pipistrellus sj	37.5	38.6	36.8	5.3	cf-e(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070048_1	19/06/2025 22:32:43	Pipistrellus sj	43.7	51.1	42.7	5.0	fm-d(9),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070049	19/06/2025 22:34:50	Pipistrellus sj	43.9	44.8	43.1	6.9	cf-e(2),cf	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070050_1	19/06/2025 22:36:47	Pipistrellus sj	45.2	47.4	44.7	5.0	cf-e(7),cf	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070050_2	19/06/2025 22:36:47	-	91.1	91.5	88.5	5.9	cf-e(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070051	19/06/2025 22:37:26	Pipistrellus sj	38.3	50.5	36.3	5.0	cf-n(9),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070052_1	19/06/2025 22:37:38	Pipistrellus sj	44.3	52.4	43.3	4.0	fm-l(13),	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070052_2	19/06/2025 22:37:38	-	87.0	88.5	84.0	2.1	fm-l(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070052_3	19/06/2025 22:37:38	-	90.4	93.4	86.3	4.8	cf-n(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070053	19/06/2025 22:38:41	Pipistrellus sj	45.4	46.1	44.6	7.0	cf-e(6),cf	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070054_2	19/06/2025 22:41:43	-	90.4	91.1	87.4	5.9	cf-e(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070054_1	19/06/2025 22:41:43	Pipistrellus sj	47.6	49.7	46.3	5.0	cf-e(3),cf	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070055	19/06/2025 22:41:57	Pipistrellus sj	55.5	57.4	54.4	6.0	cf-e(9),cf	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070056	19/06/2025 22:45:11	Plecotus spei	35.4	57.7	23.5	4.0	fm-l(14),	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070057_1	19/06/2025 22:45:17	Myotis spec.	34.3	63.6	23.1	2.0	fm-l(22),	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070057_2	19/06/2025 22:45:17	-	93.4	93.4	84.8	5.9	fm-d(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070058_1	19/06/2025 22:45:24	-	90.2	125.3	29.6	3.0	fm-a(5),f	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070058_2	19/06/2025 22:45:24	Myotis spec.	49.4	78.8	23.5	2.0	fm-l(5),fr	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070058_3	19/06/2025 22:45:24	-	37.1	66.4	22.5	2.1	fm-l(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070059	19/06/2025 22:47:11	Plecotus spei	35.0	56.5	23.7	3.0	fm-l(16),	50.99687 / -0.13529
▶	06070060	19/06/2025 22:47:47	Pipistrellus sj	43.0	44.4	42.0	5.0	cf-e(9),cf	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5
▶	06070061	19/06/2025 22:49:41	-	88.9	89.3	86.6	4.3	cf-n(1)	Hobbits, Copyhold Lane, Cuckfield, Mid Sussex, West Sussex, England, RH17 5

Thermal Imaging Videography screenshots





6.2 Appendix 2: Legislation

Protected species have protection under national legislation such as the Wildlife and Countryside Act 1981 and European legislation such as the Habitats Directive.

Please note the following:

- (1) If there is no record of a particular protected species, this does not signify that the species is absent from the site in question. It may mean that it has not been recorded, that the site has not been surveyed for this species, or that data relating to its presence has not been made available to us.
- (2) The presence of a protected species record does not mean that the species is still present. It means that the species was recorded at that time and place. The implications of the record should be further evaluated, and a survey to establish the current status may be required.
- (3) The following summary of legislation is designed purely as a basic guide, if any action is to be taken regarding any of the protected species listed, then it is imperative that the full relevant legislation be consulted.

WILDLIFE PROTECTION LEGISLATION IN ENGLAND

Legislation that protects wildlife in England exists at the European and national level.

European Law

The Bern Convention on the Conservation of European Wildlife and Natural Habitats (1979) was aimed at ensuring conservation and protection of all wild plants and animals, increasing cooperation between states, and affording special protection to the most vulnerable or threatened species. It was implemented by the EC Birds Directive (Council Directive 79/409/EEC) and the EC Habitats Directive (Council Directive 92/43/EEC).

The Bonn Convention on Migratory Species of Wild Animals (1979 & 1994) requires the protection of migratory animals. It was implemented by the EC Birds Directive (Council Directive 79/409/EEC) and the EC Habitats Directive (Council Directive 92/43/EEC).

The EC Habitats Directive aims to establish a network of protected areas in order to maintain the distribution and the abundance of threatened species and habitats. A number of species are listed in the annexes.

Annex II lists animals and plants whose conservation requires the designation of Special Areas of Conservation (SACs).

Annex IV lists animals and plants in need of strict protection. For the animals, this prohibits deliberate capture, killing, disturbance (especially during breeding period), destruction or taking of eggs from wild, and destruction or deterioration of breeding sites or resting places. For the plants,

this prohibits deliberate picking, collecting, uprooting, cutting, destruction, and trade in entire plants or parts, at all stages of life.

Annex V lists animals and plants for which taking in the wild may be subject to management measures

National Law

Wildlife and Countryside Act The Wildlife and Countryside Act 1981 (as amended) is the main source of legal protection for wildlife in England and was strengthened by the Countryside and Rights of Way Act 2000. A statutory five-yearly review of Schedules 5 and 8 (protected wild animals and plants) is undertaken by the relevant authorities. Species protection is provided under Schedules 1, 5, 6 and 8:

Schedule 1 lists bird species that are rare, endangered, declining or vulnerable. The Schedule is divided into two parts. Part I lists birds which receive special protection; these birds receive additional protection from disturbance at the nest. Part II lists birds that receive the same level of special protection, but only during the breeding season.

Schedule 5 protects animal (other than bird) species from certain actions, according to the sections of the Act under which they are listed:

S9 (1) prohibits the intentional killing, injury or taking. S9 (2) protection is limited to possessing and controlling. S9 (4a) prohibits the damaging, destroying or obstructing access to any place used by the animal for shelter or protection. S9 (4b) prohibits disturbing the animal while it is occupying any structure or place which it uses for shelter or protection. S9(5) prohibits the selling, offering for sale, possessing or transporting for purpose of sale, or advertising for sale, any live or dead animal, or any part of, or anything derived from such an animal. Species on this Schedule do not appear on the PSI.

Schedule 6 lists animals that may not be killed by certain methods. Even humane trapping for research requires a licence.

Schedule 8 lists plant species for which it is prohibited to intentionally pick, uproot, destroy, trade in, or possess (for the purposes of trade).

Under the Wildlife and Countryside Act, all wild plants in Britain are protected from intentional uprooting by an unauthorised person. Landowners, land occupiers, persons authorised by either of these, or persons authorised in writing by the Local Authority for the area are exempt from this, except for Schedule 8 species.

Conservation Regulations the Conservation of Habitats and Species Regulations 2010 (as amended) transpose the EC Habitats Directive into national law. In addition to enabling the designation of SACs, the regulations also provide species protection:

Schedule 2 protects the listed animals from deliberate capture, killing, disturbance or trading in.

Schedule 4 protects the listed plants from picking, collecting, uprooting, destroying or trading in.

These actions can be made lawful through the granting of licences by the appropriate authorities. Licences may be granted for a number of purposes, but only after the appropriate authority is satisfied that there are no satisfactory alternatives and that such actions will have no detrimental effect on wild the population of the species concerned.

Protection of Badgers Act the Protection of the Badgers Act prohibits the killing, injuring or taking of badgers and damage or interference with a badger sett, unless licensed to do so by a statutory authority.

International and European Obligations

In the UK, species receiving protection under international legislation and agreements are protected through the Wildlife and Countryside Act, so are not shown separately in the BMERC notable species lists. For reference, the relevant categories are shown below.

Bern Convention on the Conservation of European Wildlife and Natural Habitats the Bern Convention aims to ensure the conservation of wild flora and fauna species and their habitats.

- Appendix 1 (strictly protected flora) - Plants for which contracting parties will prohibit deliberate picking, collecting, cutting or uprooting.
- Appendix 2 (strictly protected fauna) - Animals for which contracting parties will prohibit deliberate capture, possession, killing, damage to or destruction of breeding or resting sites, disturbance or destruction or taking of eggs. Appendix 3 (protected fauna) - Animals for which contracting parties will include closed seasons and regulate their sale, keeping for sale, and transport for sale or offering for sale of live and dead wild animals. (Not included in Notable Species List).

Bonn Convention on Migratory Species the Bonn Convention aims to conserve terrestrial, marine and avian migratory species throughout their range.

- Appendix 1 (migratory species threatened with extinction) - Species for which contracting parties will strictly protect and endeavour to conserve or restore the places where they live, mitigating obstacles to migration and controlling other factors that might endanger them.
- Appendix 2 (migratory species that need or would benefit from international co-operation) - Species for which contracting parties will be encouraged to conclude global or regional agreements for the conservation and management of individual species or, more often, of a group of species. (Not included in Notable Species List).

The EC Council Directive on the Conservation of Wild Birds the Birds Directive provides a framework for the conservation and management of all wild birds in Europe. As well as designating important sites for birds as Special Protection Areas, birds are generally protected from deliberate killing or capture and destruction of or damage to their nests or eggs, and deliberate disturbance. Allowances are made for game birds.

UK BAP & notable species

UK Biodiversity Action Plan and Section 41 Species

Biodiversity, or biological diversity, is the whole variety of life on Earth. The Convention on Biological Diversity (CBD) came about as a result of the 1992 Earth Summit. As one of 168 countries to sign up to the CBD, the UK was required to develop a national strategy for the conservation of biodiversity; the UK Biodiversity Action Plan (UKBAP) was born.

The UKBAP is the result of contributions involving a wide range of people and organisations, enabling the identification of species and habitats that are listed as priorities for conservation action. A 2007 review of the UKBAP has resulted in 1149 species and 65 habitats being listed as conservation priorities. For more information see www.ukbap.org.uk.

In addition to the national priorities and targets, action is also being taken at local level. The Essex Biodiversity Project is responsible for implementing the Essex Biodiversity Action Plan, which has 28 priority species and 15 priority habitats currently listed. For more information see www.essexbiodiversity.org.uk.

The UK BAP

(From Explanatory Note by Defra and Natural England on Section 41 of the Natural Environment and Rural Communities

(NERC) Act 2006 - Habitats and Species of Principal Importance in England)

The England Biodiversity List has been developed to meet the requirements of Section 41 of the Natural Environment and Rural Communities Act (2006). This legislation requires the Secretary of State to publish a list of species of flora and fauna and habitats considered to be of principal importance for the purpose of conserving biodiversity.

The S41 list will be used to guide decision-makers such as public bodies, including local and regional authorities, in implementing their duty under section 40 of the Natural Environment and Rural Communities Act 2006 'to have regard' to the conservation of biodiversity in England, when carrying out their normal functions. In particular:

- Regional Planning Bodies and Local Planning Authorities will use it to identify the species and habitats that should be afforded priority when applying the requirements of National Planning Policy framework (NPPF) and PPS9 Circular to maintain, restore and enhance species and habitats.
- Local Planning Authorities will use it to identify the species and habitats that require specific consideration in dealing with planning and development control, recognising that under NPPF and PPS9 Circular the aim of planning decisions should be to avoid harm to all biodiversity.
- All Public Bodies will use it to identify species or habitats that should be given priority when implementing the NERC Section 40 duty.

Habitats of Principal Importance Fifty-six habitats of principal importance are included on the S41 list. These are all the habitats in England that have been identified as requiring action in the UK Biodiversity Action Plan (UK BAP). They range from habitats such as upland hay meadows to lowland mixed deciduous woodland and from freshwater habitats such as ponds to marine habitats such as subtidal sands and gravels.

Species of Principal Importance There are 943 species of principal importance included on the S41 list. These are the species founding England which have been identified as requiring action under the UK BAP. In addition, the Hen Harrier has also been included on the List because without continued conservation action it is unlikely that the Hen Harrier population will increase from its current very low levels in England.

Relationship with the UK Biodiversity List of Species and Habitats the UK BAP list of priority species and habitats is an important reference source and will be the focus for conservation action across the UK over the next decade. It has been used to draw up the species and habitats of principal importance in England under S41 of the NERC Act.

The revised UK BAP list of priority species and habitats can be downloaded from the UK Biodiversity Website: <http://www.ukbap.org.uk/NewPriorityList.aspx>

Relationship with the biodiversity duty under Section 40 of the NERC Act There is a general biodiversity duty in the NERC Act (Section 40) which requires every public body in the exercising of its functions to 'have regard, so far as is consistent with the proper exercise of those functions, to the purpose of conserving biodiversity'.

There is no direct relationship between the Section 41 duty on the Secretary of State to publish the list and promote the taking of steps to conserve the habitats and species on it, and the Section 40 duty on public bodies to have regard to the purpose of conserving biodiversity. Importantly:

- (a) Biodiversity, as covered by the Section 40 duty includes all biodiversity and not just the habitats and species of principal importance. However, there is an expectation that public bodies would refer to the S41 list when complying with the section 40 duty.
- (b) The duty on the Secretary of State to promote the taking of steps by others is not restricted to public bodies.

Defra guidance for local authorities and public bodies on implementing the biodiversity duty in the NERC Act draws attention to the S41 list, emphasising that local authorities and public bodies have a role to play in ensuring the protection of these species and habitats. Copies of the guidance can be downloaded from: <http://archive.defra.gov.uk/environment/biodiversity/documents/pa-guid-english.pdf>