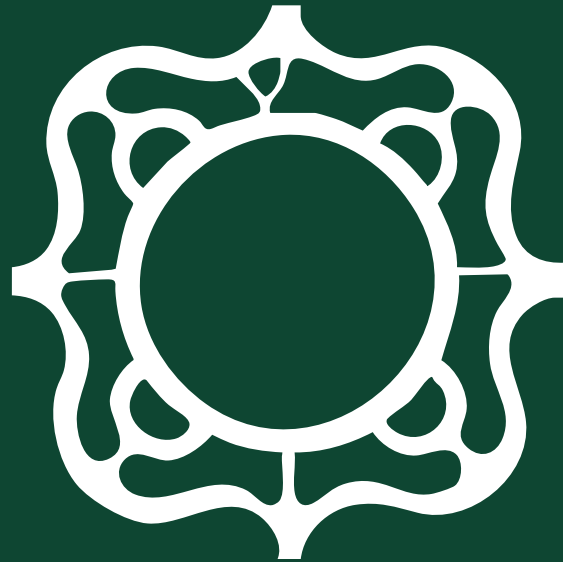


Mountjoy Square Park



1802

2025



Re-imagining Mountjoy Square

A BAT ASSESSMENT
OF MOUNTJOY SQUARE
DUBLIN 1



A bat assessment of Mountjoy Square, Dublin 1

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Summary

Bat activity was low within Mountjoy Square but nonetheless, there were 2 species present during the period of survey. There are several species of bat within the surrounding area of Dublin City, and these would also avail of a green area where insects might be abundant. The absence of understorey and water sources within Mountjoy Square reduce the insect availability. The proposed modifications to the park which include a return to the previous layout in addition to new elements to enhance biodiversity have been considered to determine the likely impacts. The assessment involved a visual examination of the site, an active bat activity survey and monitoring of the site with a static monitor in late spring / early summer in May 2025 and an evaluation of the proposal which includes tree removal, building demolition and renewed planting of ground cover and trees.

Bat species found roosting - None

Bat species found feeding and commuting on the site

Common pipistrelle	<i>Pipistrellus pipistrellus</i>
Leisler's bat	<i>Nyctalus leisleri</i>

Mitigation and recommendations

Mitigation measures should follow the hierarchy of 1) avoid the impact, 2) reduce or minimise the scale or severity of the impact and, if these are not possible, then 3) abate the impact at the source or 4) abate the impact at the receptor through provision of alternative feeding areas, roosts or flight path features (e.g. hedgerows, treelines). (*Bat Conservation Ireland Appropriate Assessment Guidelines*)

Mitigation by avoidance

- 1) Tree removal must be kept to a minimum (for mature trees, in particular).
- 2) All mature trees earmarked for removal shall be checked for the presence of bats by a bat specialist.
- 3) All buildings proposed for removal shall be examined by a bat specialist to ensure that there are no bats present.



Mitigation by remedy

- 4) Measures to enhance the Park for foraging bats by planting and management of plants to encourage insect diversity. There are guidelines here to provide advice for garden elements that will enhance an area for bats. <https://www.batconservationireland.org/wp-content/uploads/2022/07/Gardening-For-Bats.pdf> Planting is one aspect and the absence of understorey in Mountjoy Square certainly reduces insect abundance.
- 5) Lighting within the Park must be managed to ensure that treetops are unlit and that lighting is only present where and when it is essential. Further lighting considerations are given within the Appendices.
- 6) Bat boxes and incorporation of bat access to buildings.
12 Schwegler 2F bat boxes shall be installed on suitable trees within the Park.

Introduction

There have been a number of surveys within Dublin City Council parks and other green areas and waterways including ongoing surveys by Bat Conservation Ireland, Wildlife Surveys Ireland, Dublin Bat Group and others. These concentrated upon parks such as Phoenix Park, St. Anne's Park, Bushy Park but also included smaller parks such as Griffith Park, Tolka Valley Park, Brickfield in addition to the Royal and Grand Canals, River Dodder and River Liffey. Little has been documented of the bat fauna of the parks and much of the information is dispersed and uncollated. One of the earliest surveys undertaken of bats in Dublin City was associated with proposed changes to the Blessington Street Basin. No survey has been undertaken within Mountjoy Square and the bat fauna for this park is unknown. Given the scarcity of green areas immediately surrounding the park, it is predicted that bat fauna would be restricted to the more tolerant species. The park has a number of buildings within it or adjacent to it and is obviously surrounded by a considerable variety of suitable buildings. Within the park, there are a range of tree ages and tree species, and these may provide roosting opportunities for bats, in addition to being important feeding sites and commuting corridors.

To understand the potential for the site for bat roosts, a bat activity survey was undertaken with the assistance of thermal imaging capabilities and bat ultrasound receivers. This will be dealt with in the Methodology section of this report.

Once it is known which species of bat is present within Mountjoy Square Park and if they roost within the Park, it is possible to determine 1) if any of the changes proposed



for Mountjoy Square Park would affect bats and 2) if there are specific changes to the Park that could be included within the proposal that would enhance the Park for bats.

This evaluation will look at addressing both of these elements.

Surveys in Dublin City have provided an understanding of the bat fauna that indicates that there are 3 widespread and common species (common pipistrelle, soprano pipistrelle and Leisler's bat) and further to this there are species such as brown long-eared bat that are present in some areas of the city. Species such as Daubenton's bat are known from along the Tolka, the Liffey and the Dodder and parks such as Bushy Park and the Royal and Grand Canals. Other species such as Nathusius' pipistrelle are present close to Mountjoy Square. The less common species in urban areas are Natterer's bat and whiskered bat, which are known from Phoenix Park but are not known from the inner-city area.

Preliminary survey details

Desktop survey of the existing environment

Thanks to Bat Conservation Ireland for their data. All data from this report will be placed on their database. See Appendix for bat data from within 10km of the site.

Bat data from within 1km of the site: BCIreland data search results 28 May 2025

Roosts Transects Ad-hoc observation sites with observations of all species within 1000m of O1604635437					
Roosts					
Name	Grid reference	Address	Species observed		
Transects					
Name	Species observed				
Phibsboro	O1509736264	Unidentified bat			
Ad-hoc observations					
Survey	Grid reference	Date	Species observed		
Scott Cawley	O1565834626	25/07/2005	Nyctalus leisleri		
Scott Cawley	O166349	15/09/2010	Nyctalus leisleri, Pipistrellus pipistrellus (45kHz), Pipistrellus nathusii		
Bats in Dublin's City Centre Parks and Waterways	O152355	22/05/2000	Nyctalus leisleri, Pipistrellus pipistrellus (45kHz)		
NBDC Bat Records	O170361	26/04/2021	Pipistrellus spp. (45kHz/55kHz)		



Habitat classification and descriptions (Fossitt 2000)

WD5 Scattered trees and parkland

This category can be used in situations where scattered trees, standing alone or in small clusters, cover less than 30% of the total area under consideration but are a prominent structural or visual feature of the habitat. This usually occurs in areas of cultivated grassland, particularly amenity areas. In the case of parkland or parks which originate from former planting and landscaping, the proportion of non-native trees is typically high. This category can also be used for scattered fruit trees in orchards but commercial orchards with heavily pruned trees should be considered under horticultural land - BC2. This habitat is present onsite.

BL3 Buildings and artificial surfaces

This broad category incorporates areas of built land that do not fit elsewhere in the classification. It includes all buildings (domestic, agricultural, industrial and community) other than derelict stone buildings and ruins (see stone walls and other stonework - BL1). It also includes areas of land that are covered with artificial surfaces of tarmac, cement, paving stones, bricks, blocks or astroturf (e.g. roads, car parks, pavements, runways, yards, and some tracks, paths, driveways and sports grounds). Unpaved areas are excluded (see spoil and bare ground - ED2). Any other built structures that are not made of natural stone, including walls made of bricks, cement blocks and mass concrete, should be considered here. Note that greenhouses and polythene tunnels are excluded (see horticultural land - BC2), as are refuse dumps (see refuse and other waste - ED5). Plant cover should not exceed 50%. This habitat is present onsite.

GA2 Amenity grassland –mown to a short sward.

Connectivity – Map of site showing the wider area with ecological features

Date: Wednesday 21st to Thursday 22nd May (active survey)
Wednesday 21st to Tuesday 3rd June (passive survey)

Sunrise time: 05.15 hours

Sunset time: 21.34 hours



Lux Levels: 2.8 lux roadside

Temperature and weather conditions

Temperature during the evening survey was 18°C, with a temperature of 14°C during the morning survey. The conditions were dry and warm with a light breeze and a cloudless sky.

Proposed works

The following are some of the key features of the project that would affect bats.

Trees

The proposed park redesign necessitates some tree removal, an unavoidable consequence of the project's objectives. Tree removal will be kept to a minimum. To mitigate the impact of tree removal, a comprehensive compensatory planting scheme will be implemented. For each tree removed, a replacement tree will be planted. While species selection may deviate from the original specimens to enhance biodiversity and resilience, careful consideration will be given to selecting appropriate species that align with the park's historical character and Dublin City Councils ecological goals.

Furthermore, planting younger trees will contribute to a more diverse age profile within the park's tree population. A strategic approach to age diversification is crucial for long-term park management, ensuring that the tree population does not reach maturity simultaneously, thereby reducing the risk of widespread decline or disease susceptibility.

The proposed planting scheme will evoke the spirit of the original park while adapting to the needs of a modern urban environment, including adherence to the All-Ireland Pollinator Plan and the Dublin City Council Biodiversity Action Plan. It is important to note that planting beds in garden squares were not static features but rather evolved with changing horticultural trends, providing seasonal interest and reflecting ever-changing contemporary tastes and styles.

As part of this proposal is it also an intention to replace the existing trees, which are in poorly constructed tree pits. The current trees are of moderate value and have a short expected life span.



As part of this proposal it is proposed to construct tree pits that can sustain long lived tree species, while also insuring that the tree co-exists with the existing street infrastructure and aesthetics. The realignment of the trees will allow for the opening up of the promenade and improve and enhance the symmetry of the square, having equal numbers of trees on all four sides. Species selection will follow the principles of the Dublin City Tree Strategy. The proposed constructed tree pits and the promenade will allow for various Nature Based Solutions and SUDS opportunities that will be developed along the Drainage and SUDS Departments.

Lighting

It is as part of this proposal to restore/recreate all 84 Lamps Irons back to Mountjoy Square. The restoration of these historic Georgian lamps in Mountjoy Square has the potential to be a transformative project from a Cultural landscape aesthetic perspective. It will not only restore a crucial element of the square's historical character and eloquence but also establish it as a unique and visually compelling space within Dublin, enhancing its beauty, ambiance, and overall sense of place. Currently, at night, the park within the Square provokes an ominous and uninviting atmosphere, contributing to a perception of safety concerns within the broader surrounding urban context. This is due to the lack of feature lighting in the park, resulting in a very dark central area within the square.

While the restoration of the perimeter lighting will significantly improve this situation, the core centre of the park requires additional feature lighting to help eliminate the sense of hidden spaces and address safety concerns within the square. Therefore, this proposal includes incorporating additional lighting within the park to further enhance its visual appeal, promote safety, and deter anti-social

behaviour. The additional lighting will be designed to transform a potentially dark and uninviting space into a visually engaging, atmospheric, and appealing destination, while taking account of potential ecological concerns. The new lighting within the park will focus on highlighting the central lawn as not just a focal point during the day but at night as well.

Complexity of lands and ability to cover ground during surveys



Most of the site was accessible in the dusk survey with the exception of the St. Brigid's Nursery School. Prior to sunrise, surveying was restricted to the perimeter of the park as the park gate was locked.

The Park was easily covered as there is a network of paths and there is a perimeter pavement around the outside. Vegetation is primarily low-cut grass and there was no restriction on movement throughout the site prior to sunset and for the early survey period.

Other notes on survey conditions

Conditions were highly suitable to a bat survey.

Survey constraints

(1) Mobility of bats: Bat species are mobile and can move from roost to roost, depending on roost availability, feeding availability and weather conditions. They may move to roosts which have not been identified in this report in order to hibernate or create mating or feeding perches. A bat survey is a snapshot of bat activity over the survey time.

(2) Identification of bats: It can be difficult to differentiate *Myotis* species. For this reason, sound files are included within the report. Brown long eared bats are very quiet, and their presence can be overlooked in bat surveys as they may not register on bat detectors.

(3) Timing of survey: Bat surveys generally take place when the bats are active – May – September. A bat survey which takes place outside these dates may miss roosting activity. This survey was at a time when bat activity was high due to mild weather conditions. There was a restriction on water availability which may affect bat distribution on rare occasions in Ireland.



Methodology

Surveyors

Brian Keeley and Ferdia Keeley of Wildlife Surveys Ireland carried out this survey.

Equipment

- Exide Lamps (one per surveyor)
- Petzl Tikka Head torches (one per surveyor)
- Elekon Batlogger M2 time expansion detectors and Kaleidoscope Pro sound analysis software with GPS (one per surveyor)
- One thermal imager Pixfra Arc A613
- One Songmeter Mini Bat + detector placed overnight at the Park Depot building and remaining *in situ* up to June 3rd 2025
- Mobile phones for communication during the survey (one per surveyor)

Survey procedure

Surveyors arrive on site shortly before sunset. All lands, trees, buildings and hedgerows are assessed for suitability for bats, including their suitability as feeding habitat and/or suitability as bat roosts. Areas and features with high potential are identified throughout the site and used as points of interest during the active survey. Survey routes are planned so that a surveyor can efficiently cover as much land as possible while maintaining a focus on these key points of interest. Larger sites are divided up into sections to be covered across multiple nights. Static bat monitoring devices are placed near areas and features of especially high interest, particularly features that bats may be using as roosts, in order to provide a timeline of bat activity throughout the night. Over the next 90 minutes, surveyors cover the walkable area of the site along their planned routes, with adjustments being made to account for especially high or low bat activity in an area – for example, a surveyor may examine a tree associated with a high level of bat activity, as it may be a bat roost. After the 90 minutes have elapsed, most bats will already have emerged from their roosts in order to feed for the night, making



the period shortly after sunset one of the best times to identify roosts and feeding habitats.

Surveyors return to a site approximately 90 minutes before sunrise the next morning. At this time, any changes in temperature and weather conditions are noted, as well as any other factors (e.g. street lighting) that may have impacted bat activity during the night. Surveyors cover the site area again, this time with particular attention paid to possible roosts, as bats can be seen returning to their roosts during this time period. Any static monitors left out the previous night are collected for analysis. The site was examined from the perimeter prior to sunrise as the gate was locked up to ½ hour before sunrise. The static monitor was placed at the Park Depot and remained in place up to June 3rd 2025 to monitor bats over a longer period.

Survey:

Assessment of buildings as potential roosts with photos

There are buildings in a number of areas within the Mountjoy Square Park location. These include the Community building, the Park depot and the St. Brigid's day nursery. The Community building shows no evidence of bat usage, and it is primarily illuminated and uncondusive to roosting bats. The Park depot has a light mounted to the front and the roofing is of concrete roof tiles. There are a small number of potential access points for bats but overall, the building offers limited opportunity to bats. Access to the day nursery was restricted to a view from the perimeter fence and it is unknown whether there is roosting opportunities.

Buildings



Tree assessment

Description of trees with PBR values – Ground level tree assessment

Tree Bat Roost Category Classification System (Collins, 2016).

Tree Category

Description 1 Trees with multiple, highly suitable features (Potential Roosting Features = PRFs) capable of supporting larger roosts;

Description 2 Trees with definite bat potential but supporting features (PRFs) suitable for use by individual bats;



Description 3 Trees have no obvious potential although the tree is of a size and age that elevated surveys may result in cracks or crevices being found or the tree supports some features (PRFs) which may have limited potential to support bats;
Description 4 Trees have no potential.

There are several trees that would be considered to offer roost potential to bats. Many of these are *Acer* species. There is also a weeping ash that has very high roost potential and lime trees with some roost potential. Younger trees within the Park offer no potential at present.







Emergence/re-entry survey

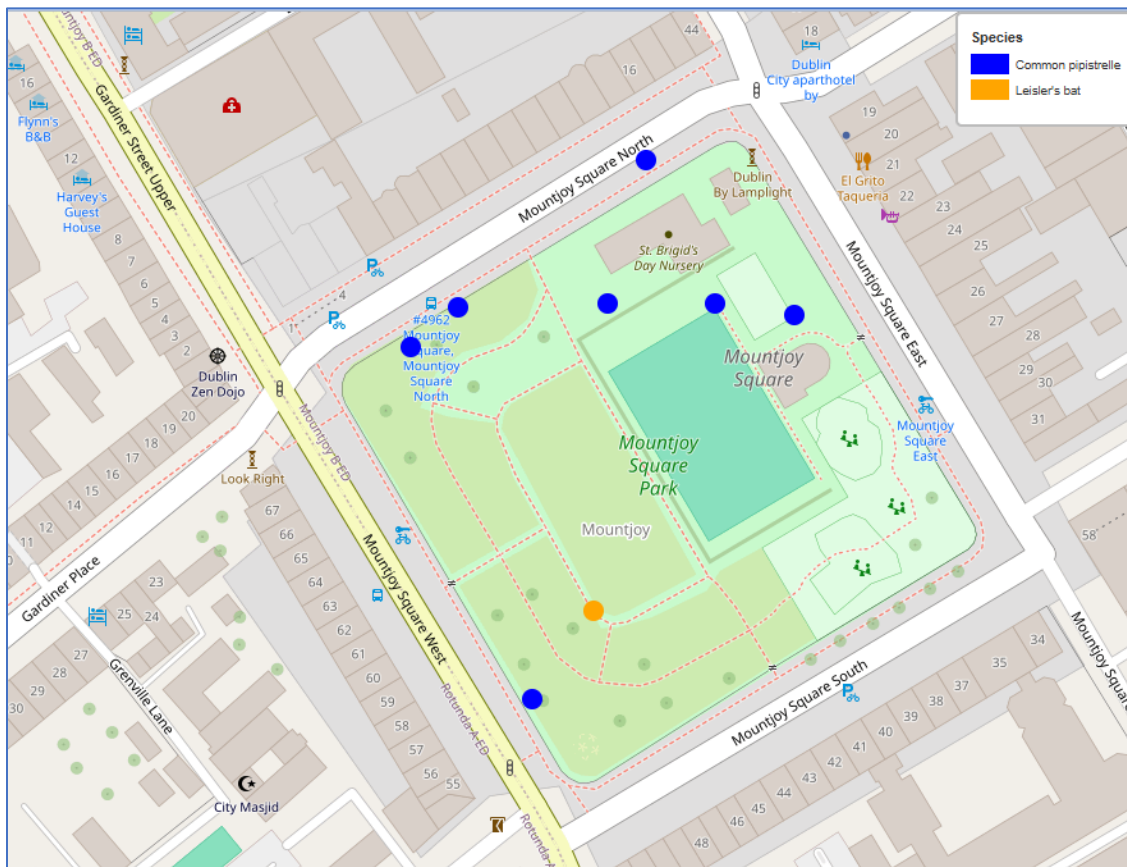
Bat species found roosting - None

Bat species found feeding and commuting on the site

Common pipistrelle *Pipistrellus pipistrellus*

Leisler's bat *Nyctalus leisleri*

There was a low level of bat activity within and around the park. The majority of bat records during the active bat survey was of common pipistrelle. This species was present both at sunset and prior to sunrise. This is summarised below.



Bat activity recorded by the two surveyors on May 21st to 22nd 2025

The green box denotes the location of the Songmeter Mini Bat + for 2 weeks, which recorded the same species composition. There was only a single bat pass prior to sunrise; a common pipistrelle close to the Day nursery at 04.20 hours (55 minutes prior to sunrise).



Bat recordings during the active bat survey from both surveyors

Surveyor 1	Passes per hour		
Bat species	3	21	Grand Total
Leisler's bat		1	1
Common pipistrelle	1	1	2
Grand Total	1	2	3
Surveyor 2	Passes per hour		
Bat species	4	22	Grand Total
Common pipistrelle	3	2	5
Grand Total	3	2	5

While there were signals that resembled soprano pipistrelle calls, they were considered to be common pipistrelle calls. Soprano pipistrelles are present throughout Dublin and may be occasional visitors to the park and to Mountjoy Square. However, even after two weeks of recording, no soprano pipistrelle signals (see below)

Bat species per day	Bat passes per hour								Total
	9	10	11	12	01	02	03	04	
Leisler's bat	7		6	12	6	3	7	3	44
21-May			5	2					7
22-May	1			9	6	1	2		19
23-May	3			1					4
25-May							3		3
26-May			1						1
27-May	2					2			4
28-May	1								1
30-May							5		5
Pipistrelle (probably common pipistrelle)						1			1
21-May						1			1
Common pipistrelle		7	25	19	21	11	20	3	106
21-May			2	2	12	2	2		20
22-May		2	11	7	4	4	6	1	35
23-May			1	2	1	2	1	2	9
24-May			1	1		1			3
25-May		1	2	1			2		6
26-May			1			1	1		3
27-May			5	6	2		2		15
28-May		1					2		3
30-May		1	1				4		6
01-Jun		2	1		2	1			6
Grand Total	7	7	31	31	27	15	27	6	151



Impact assessment procedure:

Potential impacts assessed

- Habitats
- Fauna
- Roosts
- Flight paths
- Feeding areas

Character of Impacts

- Identify the aspect of the environment affected.
- Describe whether the impact is positive, neutral or negative.
- Highlight significant impacts (positive and negative).
- Indicate whether the impact will be temporary, short, medium or long-term; Construction phase, post construction, etc.
- Highlight permanent impacts.
- Magnitude:
 - Quantify the amount or intensity by which the character/quality of any aspect of the environment will change (i.e. how much pollution).
 - Indicate the spatial extent of the impact (will some, much or all of the areas be affected).
 - Describe the degree of change; (i.e. imperceptible, slight, noticeable or significant).
 - Highlight profound (i.e. complete) changes of character.
- Duration:
 - State whether the impact will be continuous, intermittent or occasional.
 - Indicate whether the impact will be temporary, short, medium or long-term.
- Consequences:
 - Identify the receptors which will be affected, indicating their sensitivity and significance.
 - Indicate whether the impact can be avoided mitigated or remedied.
 - State whether compensation is available, possible or acceptable.
 - Highlight irreversible impacts.



- Highlight when the consequence cannot be determined.

Potential impacts

Without mitigation, there is potential for loss of tree roost sites, for feeding and commuting corridors. The level of bat activity within the Park was very low during this survey, and it is difficult to determine commuting routes from the low level of activity. Bat activity was higher in the northern area of the Park than in the southern. Leisler's bat activity levels suggest that bats passed over the site rather than fed within the Park area. Common pipistrelles fed and socialised within the Park, based on the recordings of the static monitor in the Park depot.

The main project proposal elements likely to affect bats are the tree removal and the building demolition combined, and the new lighting proposed. These aspects may remove roosts and may hinder foraging for species such as common pipistrelle. Given the low level of bat activity, this is unlikely to be of enormous significance to the bat species concerned, but it is possible that the impact upon bats citywide may be affected through vegetation loss and lighting. These changes have long-lasting impacts and should be reduced as much as possible and ideally the sum of mitigation and enhancement measures should increase biodiversity and conservation success for bats.

Mitigation and recommendations

Mitigation measures should follow the hierarchy of 1) avoid the impact, 2) reduce or minimise the scale or severity of the impact and, if these are not possible, then 3) abate the impact at the source or 4) abate the impact at the receptor through provision of alternative feeding areas, roosts or flight path features (e.g. hedgerows, treelines). (*Bat Conservation Ireland Appropriate Assessment Guidelines*)

Mitigation by avoidance

- 7) Tree removal must be kept to a minimum (for mature trees, in particular) to ensure that there is sufficient mature vegetation within the site for bats to forage and also given that trees with crevices or cavities offer the roost potential for bats.
- 8) All mature trees earmarked for removal shall be checked for the presence of bats by a bat specialist. Trees such as the weeping ash offer high roost potential and the presence of bats may be easily overlooked, if there are small numbers.



- 9) All buildings proposed for removal shall be examined by a bat specialist to ensure that there are no bats present.

Mitigation by remedy

- 10) Measures to enhance the Park for foraging bats by planting and management of plants to encourage insect diversity. There are guidelines here to provide advice for garden elements that will enhance an area for bats. <https://www.batconservationireland.org/wp-content/uploads/2022/07/Gardening-For-Bats.pdf> Planting is one aspect and the absence of understorey in Mountjoy Square certainly reduces insect abundance.
- 11) Lighting is one of the most detrimental aspects of urban and suburban environments for bat fauna as it deters less light-tolerant species from moving through it. Lighting within the Park must be managed to ensure that treetops are unlit and that lighting is only present where and when it is essential. Clearly, lighting is important for safety and security of movement of the public, but this should be used when there is a need and extinguished when there are no visitors to the Park. Further lighting considerations are given within the Appendices.
- 12) Bat boxes and incorporation of bat access to buildings.
12 Schwegler 2F bat boxes shall be installed on suitable trees within the Park. These must be no less than 3 metres above ground level, away from lighting and predominantly in a southerly aspect.

Impacts after mitigation



APPENDICES

Lighting Mitigation Recommendations

- Bats and Lighting – Guidance Notes for Planners, Engineers, Architects and Developers (Bat Conservation Ireland, 2010);
- Bats and Lighting in the UK – Bats and the Built Environment Series (Institute of Lighting Professionals, September 2018);
- Guidance Notes for the Reduction of Obtrusive Light GN01 (Institute of Lighting Professionals, 2011).

	Measure	Recommendations
Avoidance	<i>Conserve dark areas</i>	High priority areas that should remain dark: <ul style="list-style-type: none"> • protected areas, including roosting and underground hibernation sites • feeding areas (natural areas, vegetation patches) • commuting routes (forest edges, hedgerows, rivers, tree lines)
Only if lighting is necessary, and after an assessment of bat occupancy and patterns of activity within the landscape framework of functional habitats:		
Mitigation	<i>Part-night lighting</i>	Turn off public outdoor lighting within 2 hours after sunset (civil twilight): <ul style="list-style-type: none"> • Especially during bat reproduction and migration periods • Particular attention within home ranges of maternity colonies
	<i>Dimming</i>	<ul style="list-style-type: none"> • Adapt dimming strategy to human activities • Keep illuminance levels as low as possible according to EU standards (not going over minimum illuminance required)
	<i>Avoid light trespass</i>	Avoid light trespass over 0.1 lx on surrounding surfaces: <ul style="list-style-type: none"> • Use fully shielded luminaires • No illumination at or above horizontal • Control street light height, especially along pedestrian pathways and tree lines • Use fewer light sources at points low to the ground • Consider the interaction between light from luminaires and reflecting structures, such as roads and walls
	<i>General lighting and not sports lighting</i>	<i>Adapt lamp spectra</i>
Compensation	<i>Restore dark areas</i>	No net loss of darkness: <ul style="list-style-type: none"> • Restore darkness to the same extent as the proportion of dark areas lost • Enhance alternative dark corridors that connect roosts and feeding areas

The Eurobats guidelines (Voigt et al. 2018) for lighting at night and bat conservation considerations include:



- **Limiting the duration of night-time lighting**
- **Dimming illuminance and limiting light trespass**
- **Limiting the short wavelength (UV and blue) content of the light spectrum**
(wavelengths in the UV range can be filtered without any decrease in *illuminance* level)

There are several ways of lessening the impact of lighting upon bats. A number of these are given here:

1. Lighting must be cowled if required to prevent light overspill on to surrounding trees

Light modelling would provide appropriate information on how light will be restricted from the trees while providing illumination for pedestrians and cyclists. Internal louvres are the most efficient means of controlling light overspill / pollution.

2. Lighting operation should be based on levels of activity

This should mirror the levels of use of the infield area. Lighting is unnecessary except at times of darkness and when games or training is under way.

3. Lighting should be sufficiently controlled to provide for low levels at ground level.

The design should strive to achieve 3 lux at ground level in the case where bats are found to be present, through landscaping or similar, to control spill as required. It is easier to control light overspill from shorter columns, but this is not possible for sports lighting. The measures below may assist in creating darker areas for bats that would in some areas be less than 3 lux.

4. LED lights should be considered as the option for the lighting

LED lights are an energy efficient and highly controllable light source, are highly adaptable in terms of direction and strength and can be timed to switch on and off as they light quickly to the level required. These should ensure energy efficiency and money-saving as well as ecological advantages.

5. Planting should be used to reduce / prevent light overspill and create commuting corridors

Planting of treelines and hedgerow can prevent lighting from creating a barrier to movement and provide feeding for birds and mammals lost by the removal of vegetation. This should include species that will grow to tree height rather than low shrubs.



Bat Biology

Female bats gather in groups known as maternity roosts in summer to have their young. They generally have one baby each year, so are slow to reproduce, and disturbance of a maternity roost can be catastrophic.

In winter bats move to old stonework, trees and caves to hibernate. They are especially vulnerable here as they are slow to awaken, and if tree felling is carried out, they can easily be killed.

Species descriptions from Bat Conservation Ireland (2025), Biodiversity Ireland (2025) and further as listed below:

Common Pipistrelle and Soprano Pipistrelle

Pipistrellus pipistrellus and Pipistrellus pygmaeus

Ireland's two smallest bat species, and also the commonest, the common and soprano pipistrelles are the bats most likely to be seen flying around soon after dusk in both urban and rural areas. Both have a rapid, twisting flight as they pursue tiny prey of midges, mosquitoes and small moths. A single pipistrelle (weighing no more than 5-6g, the weight of a 1-euro piece) may consume as many as 3,000 of these insects in one night. Pipistrelles are frequently found roosting in houses, although they also roost in other locations such as tree holes. In houses they prefer to occupy confined spaces such as behind hanging tiles and soffit boards or between roofing felt and roof tiles, rather than the main attic space.

The two are called common and soprano because the latter echolocates at a higher frequency peaking at 55kHz, compared with the former which echolocates at a peak frequency of 46kHz. The soprano pipistrelle tends to form nursery (or maternity) roosts with larger numbers of individuals (up to 1,500) compared with the common pipistrelle which would typically have a much smaller nursery roost size.

Trends in these species are monitored annually using the [Car-based Bat Monitoring Scheme](#). Results from this scheme indicate that since 2003 the soprano pipistrelle has increased significantly while the common pipistrelle has also increased, albeit more slowly. The reasons for these increases are poorly understood but both species may be recovering from past declines, or responding to increased woodland cover and/or climate change.



Conservation status

HABITATS DIRECTIVE ARTICLE 17 REPORTING

Range: Favourable

Population: Favourable

Habitat: Favourable

Future Prospects: Favourable

Overall Assessment of Conservation Status: Favourable

Overall Trend in Conservation Status: N/A

Source: NPWS 2013.

IUCN Conservation Status

Ireland: Least Concern

Europe: Least Concern

Global: Least Concern

Sources: (1) Marnell, F. et al 2009; (2) Hutson T., et al 2007 (3) Hutson, A.M. et al 2008

Legal status

Protected by the following legal instruments:

- Habitats Directive (92/43/EEC), Annex IV
- Convention on the Conservation of European Wildlife and Natural Habitats (Bern Convention) Appendix II
- Agreement on the Conservation of Populations of European Bats (EUROBATS)
- Wildlife Act (1976)
- Wildlife (Amendment) Act (2000)
- Wildlife (N.I.) Order of 1985

Nathusius' pipistrelle

Pipistrellus nathusii

The first confirmed Irish breeding colony of this bat was discovered in May 1997 near Lough Neagh. Since then it has been found across Northern Ireland but mainly close to Loughs Neagh and Erne. The Nathusius' pipistrelle has been recorded by bat detector in a number of counties in the Republic and small roosts have been found here but it has not yet been confirmed breeding. This bat has similar features to the two other



pipistrelles so it is possible that it has been under-recorded in roosts, or the Irish population may be recent in origin.

Research by the Centre for Irish Bat Research suggests that its population is expanding due to global warming. The Nathusius' pipistrelle is migratory in Europe, migrations of more than 1,600km have been recorded between summer and hibernation sites. It is not known whether the Irish population migrates within or from Ireland to another country to overwinter, although there is evidence that Nathusius' pipistrelle bats migrate from Britain to overwinter on continental Europe. The Nathusius' pipistrelle often forages over water or along forest tracks.

The species is recorded by the [Car-based Bat Monitoring Scheme](#), although in such low numbers that its annual population trend is difficult to establish with certainty.

Conservation status

HABITATS DIRECTIVE ARTICLE 17 REPORTING

Range: Unknown

Population: Unknown

Habitat: Favourable

Future Prospects: Unknown

Overall Assessment of Conservation Status: Unknown

Overall Trend in Conservation Status: N/A

Source: NPWS 2013.

IUCN Conservation Status

Ireland: Least Concern

Europe: Least Concern

Global: Least Concern

Sources: (1) Marnell, F. et al 2009; (2) Hutson T., et al 2007 (3) Hutson, A.M. et al 2008

Legal status

Protected by the following legal instruments:

- Habitats Directive (92/43/EEC), Annex IV
- Convention on the Conservation of European Wildlife and Natural Habitats (Bern Convention) Appendix II
- Agreement on the Conservation of Populations of European Bats (EUROBATS)
- Wildlife Act (1976)



- Wildlife (Amendment) Act (2000)
- Wildlife (N.I.) Order of 1985

Leisler's bat

Nyctalus leisleri

This is the biggest Irish bat and it is often found roosting in buildings although 13% of its roosts recorded in Ireland have been in trees. The Leisler's bat has distinctive level flight at greater heights than the other Irish species, from which it dives down after dung flies and beetles. It can be seen soon after sunset flying over open spaces such as parks and fields. Because it is one of the first bats to emerge in the evening and is quite large, the Leisler's may be confused with swifts that may also be flying around. They are best told apart by the wing shape, the swift's wings are smoothly curved and scimitar-like. Swifts also shriek, while the Leisler's bat is inaudible without a bat detector. The Leisler's bat is rare in Britain and the rest of Europe but it is relatively common here. For this reason the Irish population of Leisler's bats is considered of International Importance.

Leisler's bat is monitored by the [Car-based Bat Monitoring Scheme](#) and its annual trend has shown significant increases since 2003. The reasons for the increase is poorly understood but it may be recovering from past declines, or responding to increased woodland cover and/or climate change.

Conservation status

HABITATS DIRECTIVE ARTICLE 17 REPORTING

Range: Favourable

Population: Favourable

Habitat: Favourable

Future Prospects: Favourable

Overall Assessment of Conservation Status: Favourable

Overall Trend in Conservation Status: N/A

Source: NPWS 2013.

IUCN Conservation Status

Ireland: Near Threatened

Europe: Least Concern



Global: Least Concern

Sources: (1) Marnell, F. et al 2009; (2) Hutson T., et al 2007 (3) Hutson, A.M. et al 2008

Legal status

Protected by the following legal instruments:

- Habitats Directive (92/43/EEC), Annex IV
- Convention on the Conservation of European Wildlife and Natural Habitats (Bern Convention) Appendix II
- Agreement on the Conservation of Populations of European Bats (EUROBATS)
- Wildlife Act (1976)
- Wildlife (Amendment) Act (2000)
- Wildlife (N.I.) Order of 1985

Legislation

Bats are protected under the 1996 Wildlife Act, the 2000 Wildlife (Amendment) Act, Stat Ist 94 of 1997, Stat Ist 378 of 2005, The Habitats Directive, The Bonn and Bern Convention, and the Euro bats agreement.

The European Community (Natural Habitats) Regulations S.I. No 94 of 1997 states:

23(1) The minister shall take the requisite measures to establish a system of strict protection for the fauna consisting of the animal species set out in Part 1 of the First Schedule prohibiting –

a) All forms of deliberate capture or killing of specimens of those species in the wild.

1. The deterioration or destruction of breeding sites or resting places of those species.

The EU Habitats Directive:

Article 12(1) of the 'Council Directive 92/43/EEC on the conservation of natural habitats and wild fauna and flora (Habitats Directive) states:

"Member States shall take the requisite measures to establish a system of strict protection for the animal species listed in Annex IV(a) and their natural range, prohibiting:

a) all forms of deliberate capture or killing of specimens of these species in the wild;



b) deliberate disturbance of these species, particularly during the period of breeding, rearing, hibernation and migration;

c) deliberate destruction or taking of eggs from the wild;

d. deterioration or destruction of breeding sites or resting places.”

The EU Habitats Directive (92/43/EEC) lists all Irish bat species in Annex IV and one Irish species, the lesser horseshoe bat (*Rhinolophus hipposideros*), in Annex II. Annex II includes animal and plant species of community interest whose conservation requires the designation of Special Areas of Conservation (SACs) because they are endangered, rare, vulnerable or endemic. Annex IV includes various species that require strict protection. Article 11 of the Habitats Directive requires member states to monitor all species listed in the Habitats Directive and Article 17 requires States to report to the EU on the findings of monitoring schemes.

The Bern and Bonn Conventions:

Ireland is also a signatory to a number of conservation agreements pertaining to bats such as the Bern and Bonn Conventions. The European Bats Agreement (EUROBATS) is an agreement under the Bonn Convention. Ireland and the UK are two of the 31 signatories. The Agreement has an Action Plan with priorities for implementation. Devising strategies for monitoring of populations of selected bat species in Europe is among the resolutions of EUROBATS.

1.3.1 The Berne Convention:

Article 6 of the “Convention on the Conservation of European Wildlife and Natural Habitats’ (Berne Convention) reads:

“Each Contracting Party shall take appropriate and necessary legislative and administrative measures to ensure the special protection of the wild fauna species specified in Appendix II. The following will in particular be prohibited for these species:

a) all forms of deliberate capture and keeping and deliberate killing;

b) the deliberate damage to or destruction of breeding or resting sites;

c) the deliberate disturbance of wild fauna, particularly during the period of breeding, rearing and hibernation, insofar as disturbance would be significant in relation to the objectives of this Convention; ...



Appendix II lists strictly protected fauna species and this list includes “Microchiroptera, all species except *Pipistrellus pipistrelles*”.

The EUROBATS Agreement:

The ‘Agreement on the Conservation of Populations of European Bats’ (EUROBATS) was negotiated under the ‘Convention for the Conservation of Migratory Wild Species’ (Bonn Convention) and came into force in January 1994. The legal protection of bats and their habitats are given in Article III as fundamental obligations:

“1. Each Party shall prohibit the deliberate capture, keeping or killing of bats except under permit from its competent authority

2. Each Party shall identify those sites within its own area of jurisdiction which are important for the conservation status, including for the shelter and protection, of bats. It shall, taking into account as necessary economic and social considerations, protect such sites from damage or disturbance. In addition, each Party shall endeavour to identify and protect important feeding areas for bats from damage or disturbance.”

The Agreement covers all European bat species.

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TABLE 3. DEFINITION OF SIGNIFICANCE OF EFFECTS.

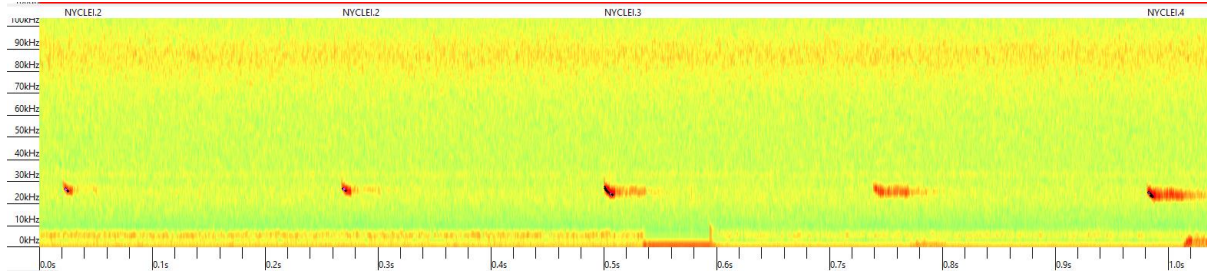
Significance of Effects	Definition
Imperceptible	An effect capable of measurement but without significant consequences.
Not significant	An effect which causes noticeable changes in the character of the environment but without significant consequences.
Slight Effects	An effect which causes noticeable changes in the character of the environment without affecting its sensitivities.
Moderate Effects	An effect that alters the character of the environment in a manner that is consistent with existing and emerging baseline trends.
Significant Effects	An effect which, by its character, magnitude, duration or intensity alters a sensitive aspect of the environment
Very Significant	An effect which, by its character, magnitude, duration or intensity significantly alters most of a sensitive aspect of the environment.
Profound Effects	An effect which obliterates sensitive characteristics

3.5.2.3 Criteria Used to Define Duration of Effects

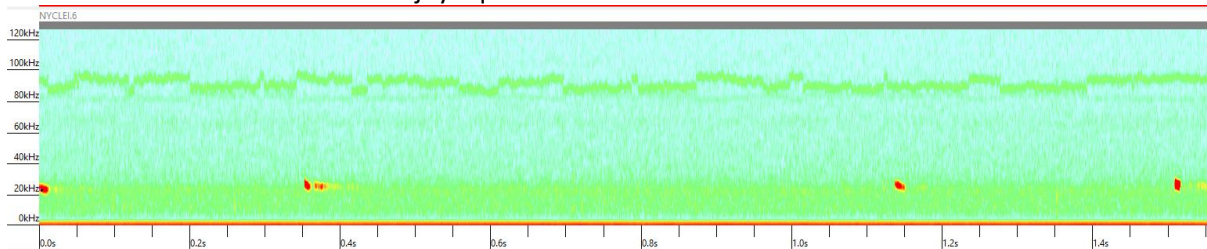
In line with the EPA Guidelines (EPA, 2017), the following terms are defined when quantifying duration and frequency of effects. See Table 4, below.

TABLE 4. DEFINITION OF DURATION OF EFFECTS.

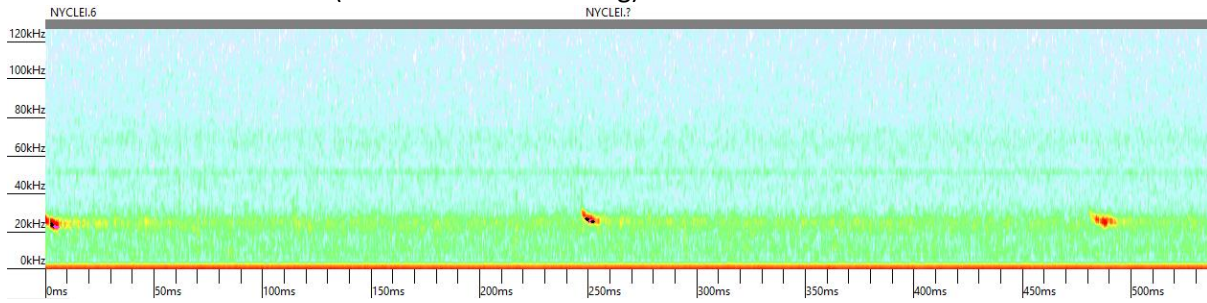
Quality	Definition
Momentary Effects	Effects lasting from seconds to minutes
Brief Effects	Effects lasting less than a day
Temporary Effects	Effects lasting less than a year
Short-term Effects	Effects lasting one to seven years.
Medium-term Effects	Effects lasting seven to fifteen years.
Long-term Effects	Effects lasting fifteen to sixty years
Permanent Effects	Effects lasting over sixty years
Reversible Effects	Effects that can be undone, for example through remediation or restoration



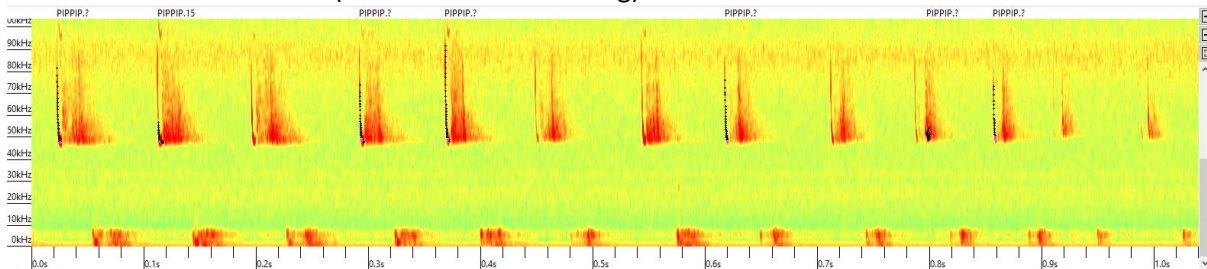
Leisler's bat at 22.23 hours Mountjoy Square



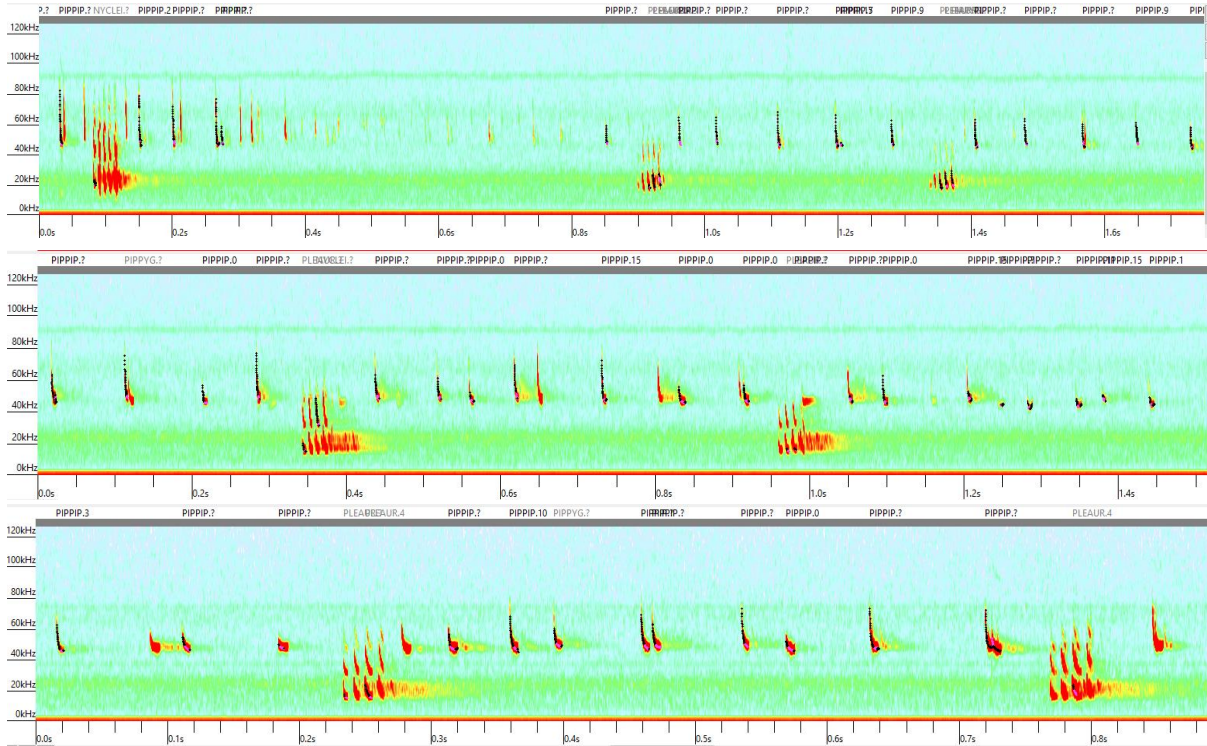
Leisler's bat at 01.25 hours (static monitor recording)



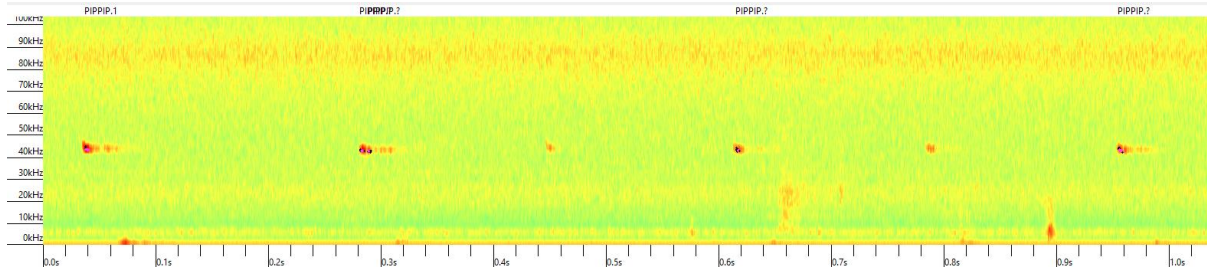
Leisler's bat at 04.24 hours (static monitor recording)



Pipistrelle at 22.40 hours



Common pipistrelle at 01.47 hours, at 01.59 hours and again at 03.00 hours (static monitor recording). This sequence includes bat social calls and the bat was clearly close to the workyard while calling.



Common pipistrelle at 04.20 hours (hand held bat detector)



Bat data from Bat Conservation Ireland database Roosts Transects Ad-hoc observation sites with observations of all species within 10000m of O1604635437

Roosts		
Name	Grid ref	Species observed
11 Pembroke Cottages	O1929	Nyctalus leisleri
139 Stillorgan Rd	O1830	Unidentified bat
153 Ard na Mara	O2145	Unidentified bat
2 Louvain	O1829	Unidentified bat, Nyctalus leisleri
23 Woodbrook Park	O1228	Nyctalus leisleri
33 Inchicore Rd	O1234	Unidentified bat
52 River Valley Grove	O1745	Pipistrellus spp. (45kHz/55kHz)
60 Cremore	O1227	Unidentified bat
7 Stirling Park	O1530	Unidentified bat
Abbotstown House	O0939	Nyctalus leisleri
Bailiff's/Superintendent's Lodge	O1035	Pipistrellus pygmaeus
Blanchardstown Hospital	O0839	Pipistrellus spp. (45kHz/55kHz), Pipistrellus pygmaeus
Boland's Mill	O1733	Pipistrellus pipistrellus (45kHz), Nyctalus leisleri
Castleknock College	O0836	Plecotus auritus, Pipistrellus pygmaeus, Pipistrellus pipistrellus (45kHz), Nyctalus leisleri, Myotis spp.
Castleknock D	O0935	Pipistrellus pygmaeus
Cheeverstown house	O1228	Pipistrellus pygmaeus
Church at St. Mary's Hospital	O1034	Plecotus auritus
Deerfield House, Phoenix Park	O1135	Plecotus auritus
Dublin Electricity Generating Station building	O2033	Pipistrellus pipistrellus (45kHz)
Farmleigh House	O0936	Pipistrellus pygmaeus, Nyctalus leisleri, Myotis daubentonii
Former Pathology Building	O1533	Pipistrellus pygmaeus
Garage house roost	O2241	Pipistrellus pygmaeus
Grange Hill	O1625	Myotis nattereri, Pipistrellus pipistrellus (45kHz)
Industrial buildings, Former Paper Mills	O1730	Pipistrellus pipistrellus (45kHz)
Kingsfurze	O0835	Unidentified bat
Kinsaley House	O2142	Plecotus auritus, Pipistrellus spp. (45kHz/55kHz)
Knockmary Hill Lodge	O1034	Pipistrellus spp. (45kHz/55kHz)
Large Clock Tower	O0936	Pipistrellus pipistrellus (45kHz)
Laundry Gate Lodge	O1235	Pipistrellus pygmaeus
Mc Kee Barracks	O1335	Myotis mystacinus



Mock church tower	O1136	Nyctalus leisleri
Mountjoy House	O1036	Plecotus auritus
Mountjoy House building	O1036	Plecotus auritus
National Concert Hall	O1532	Pipistrellus pygmaeus
Old Industrial Site	O1434	Pipistrellus pipistrellus (45kHz)
Old shower block	O1234	Pipistrellus spp. (45kHz/55kHz)
Open fronted industrial unit	O1730	Pipistrellus pipistrellus (45kHz),Pipistrellus pygmaeus
OPW Storage Areas	O1235	Plecotus auritus
Santry, Tree Roost	O1640	Unidentified bat
Seamount House	O2345	Pipistrellus pipistrellus (45kHz)
Seamount Lodge	O2345	Plecotus auritus
Shed at Deerkeeper's Lodge	O1134	Plecotus auritus
Small clock tower	O0936	Nyctalus leisleri
Sport Ireland Bat Box Scheme - BB1	O0939	Unidentified bat
Sport Ireland Bat Box Scheme - BB10	O0938	Unidentified bat
Sport Ireland Bat box Scheme - BB11	O0938	Unidentified bat
Sport Ireland Bat Box Scheme - BB12	O0938	Unidentified bat
Sport Ireland Bat Box Scheme - BB13	O0938	Unidentified bat
Sport Ireland Bat Box Scheme - BB14	O0938	Unidentified bat
Sport Ireland Bat Box Scheme - BB15	O0938	Unidentified bat
Sport Ireland Bat Box Scheme - BB16	O0938	Unidentified bat
Sport Ireland Bat Box Scheme - BB17	O0939	Unidentified bat
Sport Ireland Bat Box Scheme - BB18	O0939	Pipistrellus spp. (45kHz/55kHz)
Sport Ireland Bat Box Scheme - BB19	O0939	Pipistrellus spp. (45kHz/55kHz)
Sport Ireland Bat Box Scheme - BB2	O0939	Pipistrellus spp. (45kHz/55kHz)
Sport Ireland Bat Box Scheme - BB20	O0939	Unidentified bat
Sport Ireland Bat Box Scheme - BB21	O0939	Unidentified bat
Sport Ireland Bat Box Scheme - BB22	O0939	Unidentified bat
Sport Ireland Bat Box Scheme - BB23	O0939	Pipistrellus spp. (45kHz/55kHz)
Sport Ireland Bat Box Scheme - BB25	O0939	Unidentified bat
Sport Ireland Bat Box Scheme - BB26	O0939	Unidentified bat
Sport Ireland Bat Box Scheme - BB27	O0939	Unidentified bat
Sport Ireland Bat Box Scheme - BB28	O0939	Unidentified bat
Sport Ireland Bat Box Scheme - BB29	O0939	Pipistrellus spp. (45kHz/55kHz)
Sport Ireland Bat Box Scheme - BB3	O0939	Unidentified bat
Sport Ireland Bat Box Scheme - BB30	O0939	Unidentified bat
Sport Ireland Bat Box Scheme - BB31	O0939	Unidentified bat



Sport Ireland Bat Box Scheme - BB32	O0939	Unidentified bat
Sport Ireland Bat Box Scheme - BB33	O0939	Unidentified bat
Sport Ireland Bat Box Scheme - BB34	O0939	Unidentified bat
Sport Ireland Bat Box Scheme - BB35	O0939	Unidentified bat
Sport Ireland Bat Box Scheme - BB36	O0939	Pipistrellus spp. (45kHz/55kHz)
Sport Ireland Bat Box Scheme - BB37	O0939	Unidentified bat
Sport Ireland Bat Box Scheme - BB38	O0939	Unidentified bat
Sport Ireland Bat Box Scheme - BB39	O0939	Unidentified bat
Sport Ireland Bat Box Scheme - BB4	O0939	Unidentified bat
Sport Ireland Bat Box Scheme - BB40	O0939	Unidentified bat
Sport Ireland Bat Box Scheme - BB41	O0939	Unidentified bat
Sport Ireland Bat Box Scheme - BB42	O0939	Unidentified bat
Sport Ireland Bat Box Scheme - BB43	O0939	Unidentified bat
Sport Ireland Bat Box Scheme - BB44	O0939	Unidentified bat
Sport Ireland Bat Box Scheme - BB45	O0939	Unidentified bat
Sport Ireland Bat Box Scheme - BB46	O0939	Unidentified bat
Sport Ireland Bat Box Scheme - BB47	O0939	Unidentified bat
Sport Ireland Bat Box Scheme - BB48	O0939	Pipistrellus pygmaeus
Sport Ireland Bat Box Scheme - BB49	O0939	Unidentified bat
Sport Ireland Bat Box Scheme - BB5	O0939	Pipistrellus spp. (45kHz/55kHz)
Sport Ireland Bat Box Scheme - BB50	O0939	Unidentified bat
Sport Ireland Bat Box Scheme - BB6	O0939	Unidentified bat
Sport Ireland Bat Box Scheme - BB7	O0939	Unidentified bat
Sport Ireland Bat Box Scheme - BB8	O0939	Unidentified bat
Sport Ireland Bat Box Scheme - BB9	O0939	Unidentified bat
Sports Ireland Bat Box Scheme - BB24	O0939	Unidentified bat
St Brigids Castleknock	O0837	Plecotus auritus
St Marys	O1533	Nyctalus leisleri
St Marys	O1335	Nyctalus leisleri
St Peters Yellow walls	O0743	Pipistrellus spp. (45kHz/55kHz)
St Pius	O1533	Unidentified bat
US Ambassador's residence and outbuildings	O1035	Plecotus auritus
Viking Components Europe	O1533	Unidentified bat
Warrenstown House, Blanchardstown Road North, Blanchardstown, Dublin 15	O0740	Pipistrellus pipistrellus (45kHz),Pipistrellus pygmaeus,Nyctalus leisleri,Pipistrellus spp. (45kHz/55kHz)



Whitechurch Church of Ireland	O1425	Plecotus auritus
Transects		
Name	Grid ref start	Species observed
Abbotstown Bridge Transect	O0938	Myotis daubentonii, Unidentified bat
Ashtown Station Transect	O1137	Myotis daubentonii, Unidentified bat
Ballydoden Road Transect, Dublin	O1228	Myotis daubentonii, Unidentified bat
Bridge on Spring Avenue	O1328	Myotis daubentonii, Unidentified bat, Pipistrellus pygmaeus, Pipistrellus pipistrellus (45kHz)
Cardiff Bridge Transect	O1237	Myotis daubentonii, Unidentified bat
Castleknock Transect, Spot 10	O0838	Pipistrellus pygmaeus, Pipistrellus pipistrellus (45kHz), Pipistrellus spp. (45kHz/55kHz), Myotis spp.
Castleknock Transect, Spot 2	O0737	
Castleknock Transect, Spot 3	O0737	Unidentified bat, Pipistrellus pygmaeus, Pipistrellus pipistrellus (45kHz), Pipistrellus spp. (45kHz/55kHz), Myotis spp.
Castleknock Transect, Spot 4	O0737	Pipistrellus pygmaeus, Pipistrellus pipistrellus (45kHz), Myotis spp.
Castleknock Transect, Spot 5	O0737	Pipistrellus pygmaeus, Pipistrellus pipistrellus (45kHz), Pipistrellus nathusii, Pipistrellus spp. (45kHz/55kHz), Myotis spp., Nyctalus leisleri
Castleknock Transect, Spot 6	O0737	Pipistrellus pygmaeus, Pipistrellus pipistrellus (45kHz), Pipistrellus spp. (45kHz/55kHz)
Castleknock Transect, Spot 7	O0737	Pipistrellus pygmaeus, Pipistrellus pipistrellus (45kHz), Pipistrellus spp. (45kHz/55kHz)
Castleknock Transect, Spot 8	O0837	Unidentified bat, Pipistrellus pygmaeus, Pipistrellus pipistrellus (45kHz), Pipistrellus spp. (45kHz/55kHz)
Castleknock Transect, Spot 9	O0837	Pipistrellus pygmaeus, Pipistrellus pipistrellus (45kHz), Pipistrellus spp. (45kHz/55kHz)
Clonskeagh Bridge Transect	O1630	Unidentified bat, Myotis daubentonii, Pipistrellus spp. (45kHz/55kHz), Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus
Clonskeagh Bridge Transect, Spot 1	O1630	Myotis daubentonii, Unidentified bat, Pipistrellus pygmaeus, Pipistrellus spp. (45kHz/55kHz), Nyctalus leisleri
Clonskeagh Bridge Transect, Spot 10	O1730	Myotis daubentonii, Pipistrellus pygmaeus, Pipistrellus spp. (45kHz/55kHz), Myotis spp., Unidentified bat
Clonskeagh Bridge Transect, Spot 2	O1630	Myotis daubentonii, Pipistrellus pygmaeus, Pipistrellus pipistrellus (45kHz), Pipistrellus spp. (45kHz/55kHz), Nyctalus leisleri, Unidentified bat
Clonskeagh Bridge Transect, Spot 3	O1630	Unidentified bat, Pipistrellus pygmaeus, Pipistrellus pipistrellus (45kHz), Nyctalus leisleri, Myotis spp., Myotis daubentonii



Clonskeagh Bridge Transect, Spot 4	O1630	Unidentified bat, Nyctalus leisleri, Pipistrellus pipistrellus (45kHz), Myotis daubentonii
Clonskeagh Bridge Transect, Spot 5	O1730	Unidentified bat, Pipistrellus spp. (45kHz/55kHz), Pipistrellus pipistrellus (45kHz), Nyctalus leisleri, Myotis daubentonii
Clonskeagh Bridge Transect, Spot 6	O1730	Unidentified bat, Pipistrellus pygmaeus, Pipistrellus pipistrellus (45kHz), Nyctalus leisleri, Myotis spp., Myotis daubentonii
Clonskeagh Bridge Transect, Spot 7	O1730	Pipistrellus pygmaeus, Pipistrellus pipistrellus (45kHz), Myotis daubentonii, Unidentified bat
Clonskeagh Bridge Transect, Spot 8	O1730	Myotis daubentonii, Pipistrellus pygmaeus, Nyctalus leisleri, Pipistrellus spp. (45kHz/55kHz), Myotis spp., Unidentified bat
Clonskeagh Bridge Transect, Spot 9	O1730	Unidentified bat, Pipistrellus pygmaeus, Nyctalus leisleri, Pipistrellus spp. (45kHz/55kHz), Myotis daubentonii
Dolphins Barn, Dublin Transect	O1332	Unidentified bat, Myotis daubentonii
Grand Canal at Inchicore	O1032	
Grandard Bridge Transect	O0938	Myotis daubentonii, Unidentified bat
Griffth Park to Drumcondra Park Transect	O1636	Pipistrellus spp. (45kHz/55kHz), Myotis daubentonii, Unidentified bat
Herbert Park (Ballsbridge) Transect	O1732	Myotis daubentonii, Unidentified bat
Kilmainham Section (Inchicore) Transect	O1233	Myotis daubentonii, Unidentified bat
Milltown Brid	O1630	Myotis daubentonii, Unidentified bat, Pipistrellus pygmaeus, Pipistrellus pipistrellus (45kHz)
Newbridge Firhouse Transect, Spot 1	O1127	Pipistrellus pygmaeus
Newbridge Firhouse Transect, Spot 10	O1027	Unidentified bat, Myotis daubentonii
Newbridge Firhouse Transect, Spot 2	O1127	Pipistrellus pygmaeus, Pipistrellus spp. (45kHz/55kHz), Myotis daubentonii
Newbridge Firhouse Transect, Spot 3	O1127	Pipistrellus pygmaeus, Pipistrellus spp. (45kHz/55kHz), Nyctalus leisleri, Myotis spp., Pipistrellus pipistrellus (45kHz), Myotis daubentonii
Newbridge Firhouse Transect, Spot 4	O1127	Pipistrellus pygmaeus, Myotis daubentonii
Newbridge Firhouse Transect, Spot 5	O1027	Pipistrellus spp. (45kHz/55kHz)
Newbridge Firhouse Transect, Spot 6	O1027	Unidentified bat, Pipistrellus spp. (45kHz/55kHz), Pipistrellus pygmaeus
Newbridge Firhouse Transect, Spot 7	O1027	Myotis daubentonii, Unidentified bat, Pipistrellus pygmaeus, Pipistrellus spp. (45kHz/55kHz), Pipistrellus pipistrellus (45kHz), Myotis spp.
Newbridge Firhouse Transect, Spot 8	O1027	Myotis spp.
Newbridge Firhouse Transect, Spot 9	O1027	Myotis daubentonii, Unidentified bat, Myotis spp.
Oldbawn Bridge Transect	O0926	Unidentified bat, Myotis daubentonii



Bat Eco Services	O2030	01/07/2020	Nyctalus leisleri
Bat Eco Services	O2030	01/07/2020	Nyctalus leisleri
Bat Eco Services	O2030	01/07/2020	Nyctalus leisleri
Bat Eco Services	O2030	01/07/2020	Nyctalus leisleri
Bat Eco Services	O2030	01/07/2020	Nyctalus leisleri
Bat Eco Services	O2030	01/07/2020	Nyctalus leisleri
Bat Eco Services	O2030	01/07/2020	Nyctalus leisleri
Bat Eco Services	O2030	01/07/2020	Nyctalus leisleri
Bat Eco Services	O2030	01/07/2020	Nyctalus leisleri
Bat Eco Services	O2030	01/07/2020	Nyctalus leisleri
Bat Eco Services	O2030	01/07/2020	Nyctalus leisleri
Bat Eco Services	O2030	01/07/2020	Nyctalus leisleri
Bat Eco Services	O2030	01/07/2020	Nyctalus leisleri
Bat Eco Services	O2030	01/07/2020	Nyctalus leisleri
Bat Eco Services	O2030	01/07/2020	Nyctalus leisleri
Bat Eco Services	O2030	01/07/2020	Nyctalus leisleri
Bat Eco Services	O2030	01/07/2020	Nyctalus leisleri
Bat Eco Services	O2030	01/07/2020	Nyctalus leisleri
Bat Eco Services	O2030	01/07/2020	Nyctalus leisleri
Bat Eco Services	O2030	01/07/2020	Nyctalus leisleri
Bat Eco Services	O2030	01/07/2020	Nyctalus leisleri
Bat Eco Services	O2030	01/07/2020	Nyctalus leisleri
Bat Eco Services	O1930	01/07/2020	Nyctalus leisleri
Bat Eco Services	O1930	01/07/2020	Nyctalus leisleri
Bat Eco Services	O1930	01/07/2020	Nyctalus leisleri
Bat Eco Services	O1930	01/07/2020	Nyctalus leisleri
Bat Eco Services	O1930	01/07/2020	Nyctalus leisleri
Bat Eco Services	O1930	01/07/2020	Nyctalus leisleri
Bat Eco Services	O1930	01/07/2020	Nyctalus leisleri
Bat Eco Services	O1930	01/07/2020	Nyctalus leisleri
Bat Eco Services	O1930	01/07/2020	Nyctalus leisleri
Bat Eco Services	O1930	01/07/2020	Nyctalus leisleri
Bat Eco Services	O1930	01/07/2020	Nyctalus leisleri
Bat Eco Services	O1930	01/07/2020	Nyctalus leisleri
Bat Eco Services	O1930	01/07/2020	Nyctalus leisleri
Bat Eco Services	O1930	01/07/2020	Nyctalus leisleri
Bat Eco Services	O1931	01/07/2020	Nyctalus leisleri



Bat Eco Services	O2342	03/06/2021	Pipistrellus pygmaeus
Bat Eco Services	O2342	03/06/2021	Pipistrellus pygmaeus
Bat Eco Services	O2342	03/06/2021	Pipistrellus pygmaeus
Bat Eco Services	O2342	03/06/2021	Pipistrellus pygmaeus
Bat Eco Services	O2342	03/06/2021	Pipistrellus pygmaeus
Bat Eco Services	O2342	03/06/2021	Pipistrellus pygmaeus
Bat Eco Services	O2342	03/06/2021	Pipistrellus pygmaeus
Bat Eco Services	O2342	03/06/2021	Pipistrellus pygmaeus
Bat Eco Services	O2342	03/06/2021	Pipistrellus pygmaeus
Bat Eco Services	O2342	03/06/2021	Pipistrellus pygmaeus
Bat Eco Services	O0938	02/05/2021	Pipistrellus pygmaeus
Bat Eco Services	O0938	02/05/2022	Pipistrellus pygmaeus
Bat Eco Services	O0938	02/05/2022	Pipistrellus pygmaeus
Bat Eco Services	O0938	02/05/2022	Pipistrellus pygmaeus
Bat Eco Services	O0938	02/05/2022	Pipistrellus pygmaeus
Bat Eco Services	O0938	02/05/2022	Pipistrellus pygmaeus
Bat Eco Services	O0938	02/05/2022	Pipistrellus pygmaeus
Bat Eco Services	O0938	02/05/2022	Pipistrellus pygmaeus
Bat Eco Services	O0938	02/05/2022	Pipistrellus pygmaeus
Bat Eco Services	O0938	02/05/2022	Pipistrellus pygmaeus
Bat Eco Services	O0938	02/05/2022	Pipistrellus pygmaeus
Bat Eco Services	O0938	02/05/2022	Pipistrellus pygmaeus
Bat Eco Services	O0938	02/05/2022	Pipistrellus pygmaeus
Bat Eco Services	O1037	29/07/2021	Myotis daubentonii
Bat Eco Services	O0938	02/05/2022	Myotis daubentonii,Pipistrellus pygmaeus
Bat Eco Services	O0938	02/05/2022	Myotis daubentonii
Bat Eco Services	O0938	02/05/2022	Myotis daubentonii
Bat Eco Services	O0938	02/05/2022	Myotis daubentonii
Bat Eco Services	O0938	02/05/2022	Myotis daubentonii
Bat Eco Services	O0938	02/05/2022	Pipistrellus pygmaeus
Bat Eco Services	O0938	02/05/2022	Myotis daubentonii
Bat Eco Services	O0637	02/05/2022	Pipistrellus pygmaeus
Bat Eco Services	O1037	02/09/2021	Nyctalus leisleri,Pipistrellus pipistrellus (45kHz)
Bat Eco Services	O0938	02/09/2021	Nyctalus leisleri,Pipistrellus pipistrellus (45kHz)
Bat Eco Services	O1037	02/09/2021	Nyctalus leisleri
Bat Eco Services	O0937	28/07/2021	Nyctalus leisleri
Bat Eco Services	O0938	28/07/2021	Nyctalus leisleri
Bat Eco Services	O0937	28/07/2021	Nyctalus leisleri



Bat Eco Services	O1037	28/07/2021	Pipistrellus pipistrellus (45kHz)
Bat Eco Services	O0937	28/07/2021	Pipistrellus pipistrellus (45kHz)
Bat Eco Services	O0938	28/07/2021	Pipistrellus pipistrellus (45kHz)
Bat Eco Services	O0938	02/05/2022	Pipistrellus pygmaeus
Bat Eco Services	O0937	28/07/2021	Pipistrellus pipistrellus (45kHz)
Bat Eco Services	O0938	02/05/2022	Myotis daubentonii,Pipistrellus pipistrellus (45kHz),Pipistrellus pygmaeus
Bat Eco Services	O0938	02/05/2022	Pipistrellus pipistrellus (45kHz)
Bat Eco Services	O0938	02/05/2022	Pipistrellus pygmaeus
Bat Eco Services	O0938	02/05/2022	Pipistrellus pipistrellus (45kHz)
Bat Eco Services	O0938	02/05/2022	Pipistrellus pipistrellus (45kHz)
Bat Eco Services	O0938	02/05/2022	Pipistrellus pipistrellus (45kHz),Pipistrellus pygmaeus
Bat Eco Services	O0938	02/05/2022	Pipistrellus pipistrellus (45kHz)
Bat Eco Services	O0938	02/05/2022	Pipistrellus pipistrellus (45kHz)
Bat Eco Services	O0938	02/05/2022	Pipistrellus pipistrellus (45kHz)
Bat Eco Services	O0838	02/05/2022	Pipistrellus pipistrellus (45kHz)
Bat Eco Services	O0637	02/05/2022	Pipistrellus pipistrellus (45kHz)
Bat Eco Services	O0637	02/05/2022	Pipistrellus pipistrellus (45kHz)
Bat Eco Services	O0938	02/05/2022	Pipistrellus pipistrellus (45kHz)
Bat Eco Services	O0938	02/05/2022	Pipistrellus pipistrellus (45kHz)
Bat Eco Services	O0938	02/05/2022	Myotis daubentonii,Pipistrellus pipistrellus (45kHz)
Bat Eco Services	O0938	02/05/2022	Pipistrellus pipistrellus (45kHz)
Bat Eco Services	O0938	02/05/2022	Pipistrellus pipistrellus (45kHz)
Bat Eco Services	O0838	02/05/2022	Pipistrellus pipistrellus (45kHz)
Bat Eco Services	O0737	02/05/2022	Pipistrellus pipistrellus (45kHz)
Bat Eco Services	O0737	02/05/2022	Pipistrellus pipistrellus (45kHz)
Bat Eco Services	O0737	02/05/2022	Pipistrellus pipistrellus (45kHz)
Bat Eco Services	O0637	02/05/2021	Pipistrellus pipistrellus (45kHz)
Bat Eco Services	O0938	02/05/2022	Pipistrellus pygmaeus
Bat Eco Services	O0938	02/05/2022	Pipistrellus pipistrellus (45kHz),Pipistrellus pygmaeus
Bat Eco Services	O0938	02/05/2022	Pipistrellus pipistrellus (45kHz)
Bat Eco Services	O0938	02/05/2022	Pipistrellus pygmaeus
Bat Eco Services	O0938	02/05/2022	Pipistrellus pygmaeus
Bat Eco Services	O1037	02/09/2021	Pipistrellus pygmaeus
Bat Eco Services	O0937	02/09/2021	Pipistrellus pygmaeus



Bat Eco Services	O1037	02/09/2021	Pipistrellus pygmaeus
Bat Eco Services	O1037	02/09/2021	Pipistrellus pygmaeus
Bat Eco Services	O1037	28/07/2021	Pipistrellus pygmaeus
Bat Eco Services	O1037	29/07/2021	Pipistrellus pygmaeus
Bat Eco Services	O1037	29/07/2021	
Bat Eco Services	O0937	28/07/2021	Pipistrellus pygmaeus
Bat Eco Services	O0938	28/07/2021	Pipistrellus pygmaeus
Bat Eco Services	O0938	28/07/2021	Pipistrellus pygmaeus
Bat Eco Services	O0938	28/07/2021	Pipistrellus pygmaeus
Bat Eco Services	O0938	28/07/2021	Pipistrellus pygmaeus
Bat Eco Services	O0938	28/07/2021	Pipistrellus pygmaeus
Bat Eco Services	O0937	28/07/2021	Pipistrellus pygmaeus
Bat Eco Services	O0937	28/07/2021	Pipistrellus pygmaeus
Bat Eco Services	O0937	28/07/2021	Pipistrellus pygmaeus
Bat Eco Services	O0937	28/07/2021	Pipistrellus pygmaeus
Bat Eco Services	O1037	28/07/2021	Pipistrellus pygmaeus
Bat Eco Services	O1037	28/07/2021	Pipistrellus pygmaeus
Bat Eco Services	O0838	02/05/2022	Pipistrellus pygmaeus
Bat Eco Services	O0938	02/05/2022	Pipistrellus pipistrellus (45kHz),Pipistrellus pygmaeus
Bat Eco Services	O0737	02/05/2022	Pipistrellus pygmaeus
Bat Eco Services	O0637	02/05/2022	Pipistrellus pipistrellus (45kHz),Pipistrellus pygmaeus,Myotis daubentonii
Bat Eco Services	O0838	02/05/2022	Pipistrellus pipistrellus (45kHz),Pipistrellus pygmaeus,Nyctalus leisleri,Myotis daubentonii
Bat Eco Services	O0737	02/05/2022	Pipistrellus pipistrellus (45kHz),Pipistrellus pygmaeus,Nyctalus leisleri,Pipistrellus nathusii
Bat Eco Services	O0737	02/05/2022	Pipistrellus pipistrellus (45kHz),Pipistrellus pygmaeus,Nyctalus leisleri,Plecotus auritus,Myotis daubentonii,Pipistrellus nathusii
Bat Eco Services	O2525	08/05/2023	Nyctalus leisleri
Bat Eco Services	O2525	08/05/2023	Nyctalus leisleri
Bat Eco Services	O2525	08/05/2023	Nyctalus leisleri
Bat Eco Services	O2525	08/05/2023	Nyctalus leisleri
Bat Eco Services	O2525	08/05/2023	Pipistrellus pipistrellus (45kHz)
Bat Eco Services	O2625	08/05/2023	Pipistrellus pipistrellus (45kHz)



Bat Eco Services	O2625	14/05/2023	Pipistrellus pygmaeus
Bat Eco Services	O2625	14/05/2023	Pipistrellus pygmaeus
Bat Eco Services	O2625	14/05/2023	Pipistrellus pygmaeus
Bat Eco Services	O2625	14/05/2023	Pipistrellus pygmaeus
Bat Eco Services	O2625	14/05/2023	Pipistrellus pygmaeus
Bat Eco Services	O2625	14/05/2023	Pipistrellus pygmaeus
Bat Survey - Scott Cawley	O1733	07/06/2006	Pipistrellus pygmaeus, Nyctalus leisleri, Pipistrellus pipistrellus (45kHz)
Bat Survey - Scott Cawley	O1135	2007-06-00	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Pipistrellus nathusii, Plecotus auritus, Nyctalus leisleri, Myotis nattereri, Myotis daubentonii, Myotis mystacinus, Myotis mystacinus/brandtii
Bat Survey - Scott Cawley	O1135	2008-00-00	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Pipistrellus nathusii, Plecotus auritus, Nyctalus leisleri, Myotis nattereri, Myotis daubentonii, Myotis spp., Myotis mystacinus/brandtii
Bat Survey - Scott Cawley	O0933	27/05/2011	Nyctalus leisleri, Pipistrellus pipistrellus (45kHz)
Bat Survey - Scott Cawley	O1332	09/10/2003	Pipistrellus spp. (45kHz/55kHz)
Bat Survey - Scott Cawley	O1726	15/06/2004	Pipistrellus pipistrellus (45kHz)
Bat Survey - Scott Cawley	O1828	01/04/2001	Nyctalus leisleri
Bat Survey - Scott Cawley	O1733	12/05/2005	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Nyctalus leisleri
Bat Survey - Scott Cawley	O1534	25/07/2005	Nyctalus leisleri
Bat Survey - Scott Cawley	O1039	02/08/2005	Nyctalus leisleri, Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus
Bat Survey - Scott Cawley	O1433	2006-07-00	Pipistrellus pipistrellus (45kHz)
Bat Survey - Scott Cawley	O1734	18/05/2006	Nyctalus leisleri, Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus
Bat Survey - Scott Cawley	O1339	05/09/2006	Pipistrellus pygmaeus
Bat Survey - Scott Cawley	O1327	24/05/2007	Nyctalus leisleri, Pipistrellus pipistrellus (45kHz)
Bat Survey - Scott Cawley	O0939	31/07/2008	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus
Bat Survey - Scott Cawley	O1732	19/06/2008	Nyctalus leisleri, Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Myotis daubentonii
Bat Survey - Scott Cawley	O1533	2009-05-00	Nyctalus leisleri, Pipistrellus pygmaeus, Pipistrellus pipistrellus (45kHz)



Bat Survey - Scott Cawley	O1237	11/06/2009	Nyctalus leisleri, Pipistrellus pipistrellus (45kHz)
Bat Survey - Scott Cawley	O2327	07/07/2009	Nyctalus leisleri
Bat Survey - Scott Cawley	O1727	01/10/2009	Pipistrellus pipistrellus (45kHz)
Bat Survey - Scott Cawley	O1630	25/06/2009	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus
Bat Survey - Scott Cawley	O2428	29/06/2009	Nyctalus leisleri, Pipistrellus pipistrellus (45kHz)
Bat Survey - Scott Cawley	O1235	13/08/2007	Pipistrellus pygmaeus, Pipistrellus pipistrellus (45kHz), Nyctalus leisleri, Myotis mystacinus, Myotis daubentonii, Plecotus auritus, Myotis spp., Pipistrellus nathusii
Bat Survey - Scott Cawley	O1136	21/05/2007	Nyctalus leisleri, Pipistrellus pipistrellus (45kHz)
Bat Survey - Scott Cawley	O1136	21/05/2007	Nyctalus leisleri
Bat Survey - Scott Cawley	O1134	08/05/2007	Nyctalus leisleri, Pipistrellus spp. (45kHz/55kHz)
Bat Survey - Scott Cawley	O0935	18/07/2007	Pipistrellus pygmaeus
Bat Survey - Scott Cawley	O0836	20/07/2007	Pipistrellus pygmaeus
Bat Survey - Scott Cawley	O0936	05/08/2007	Nyctalus leisleri, Pipistrellus spp. (45kHz/55kHz), Myotis spp.
Bat Survey - Scott Cawley	O1036	10/08/2007	Pipistrellus pygmaeus
Bat Survey - Scott Cawley	O1135	2008-06-00	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Pipistrellus nathusii, Plecotus auritus, Nyctalus leisleri, Myotis nattereri, Myotis daubentonii, Myotis mystacinus/brandtii, Myotis spp.
Bat Survey - Scott Cawley	O1842	2010-10-00	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Nyctalus leisleri
Bat Survey - Scott Cawley	O1731	11/05/2010	Pipistrellus spp. (45kHz/55kHz)
Bat Survey - Scott Cawley	O1830	24/05/2010	Pipistrellus spp. (45kHz/55kHz)
Bat Survey - Scott Cawley	O1531	27/08/2010	Nyctalus leisleri, Pipistrellus spp. (45kHz/55kHz)
Bat Survey - Scott Cawley	O1440	07/09/2010	Pipistrellus pipistrellus (45kHz), Nyctalus leisleri, Pipistrellus spp. (45kHz/55kHz)
Bat Survey - Scott Cawley	O1427	09/09/2010	Nyctalus leisleri
Bat Survey - Scott Cawley	O1634	15/09/2010	Nyctalus leisleri, Pipistrellus pipistrellus (45kHz), Pipistrellus nathusii
Bat Survey - Scott Cawley	O1327	21/10/2010	Pipistrellus pipistrellus (45kHz)
Bat Survey - Scott Cawley	O1741	31/05/2011	Pipistrellus pygmaeus, Pipistrellus pipistrellus (45kHz), Pipistrellus spp.



			(45kHz/55kHz),Nyctalus leisleri,Unidentified bat
Bat Survey - Scott Cawley	O0731	09/06/2010	Pipistrellus pygmaeus,Nyctalus leisleri
Bat Survey - Scott Cawley	O1729	15/04/2011	Pipistrellus pipistrellus (45kHz),Pipistrellus pygmaeus,Myotis spp.,Unidentified bat
Bat Survey - Scott Cawley	O1440	30/08/2011	Pipistrellus pipistrellus (45kHz),Pipistrellus pygmaeus,Nyctalus leisleri,Unidentified bat,Pipistrellus spp. (45kHz/55kHz)
Bat Survey - Scott Cawley	O0631	05/09/2011	Nyctalus leisleri,Pipistrellus pipistrellus (45kHz)
Bat Survey - Scott Cawley	O1237	16/07/2012	Myotis daubentonii,Pipistrellus pipistrellus (45kHz),Pipistrellus pygmaeus,Pipistrellus spp. (45kHz/55kHz),Nyctalus leisleri
Bat Survey - Scott Cawley	O1026	24/08/2012	Pipistrellus pipistrellus (45kHz),Pipistrellus pygmaeus,Myotis daubentonii,Nyctalus leisleri
Bat Survey - Scott Cawley	O2427	09/08/2012	Nyctalus leisleri,Pipistrellus pipistrellus (45kHz)
Bat Survey - Scott Cawley	O1730	27/06/2013	Nyctalus leisleri,Pipistrellus pygmaeus,Pipistrellus pipistrellus (45kHz)
Bat Survey - Scott Cawley	O1733	25/07/2013	Pipistrellus pipistrellus (45kHz),Nyctalus leisleri,Pipistrellus spp. (45kHz/55kHz),Plecotus auritus
Bat Survey - Scott Cawley	O2326	2012-09-00	Pipistrellus spp. (45kHz/55kHz)
Bat Survey - Scott Cawley	o1932	29/06/2017	Nyctalus leisleri
Bat Survey - Scott Cawley	o1540	30/08/2016	Nyctalus leisleri
Bat Survey - Scott Cawley	o1540	31/08/2016	Nyctalus leisleri
Bat Survey - Scott Cawley	o1540	06/09/2016	Nyctalus leisleri,Pipistrellus pipistrellus (45kHz)
Bat Survey - Scott Cawley	o1539	30/08/2016	Nyctalus leisleri
Bat Survey - Scott Cawley	o1540	06/09/2016	Nyctalus leisleri,Pipistrellus pipistrellus (45kHz)
Bat Survey - Scott Cawley	o1539	06/09/2016	Unidentified bat,Pipistrellus pipistrellus (45kHz)
Bat Survey - Scott Cawley	o1440	31/08/2016	Pipistrellus pipistrellus (45kHz),Nyctalus leisleri,Pipistrellus pygmaeus
Bat Survey - Scott Cawley	o2129	17/05/2016	
Bat Survey - Scott Cawley	O1435	10/10/2016	Pipistrellus pipistrellus (45kHz)
Bat Survey - Scott Cawley	O1327	06/09/2016	Pipistrellus spp. (45kHz/55kHz),Nyctalus leisleri
Bat Survey - Scott Cawley	O1327	09/09/2016	Pipistrellus spp. (45kHz/55kHz)
Bat Survey - Scott Cawley	O1532	29/09/2016	Nyctalus leisleri,Pipistrellus pygmaeus



Bat Survey - Scott Cawley	O1532	05/10/2016	Nyctalus leisleri, Pipistrellus pygmaeus
Bat Survey - Scott Cawley	O2428	13/04/2017	Nyctalus leisleri
Bat Survey - Scott Cawley	O1526	15/06/2016	Pipistrellus spp. (45kHz/55kHz), Nyctalus leisleri
Bat Survey - Scott Cawley	O1526	05/07/2016	Pipistrellus pygmaeus, Plecotus auritus
Bat Survey - Scott Cawley	O1526	28/07/2016	Pipistrellus pipistrellus (45kHz), Nyctalus leisleri, Myotis daubentonii, Myotis nattereri, Plecotus auritus
Bat Survey - Scott Cawley	O1526	01/09/2016	Pipistrellus pygmaeus, Pipistrellus pipistrellus (45kHz), Nyctalus leisleri
Bat Survey - Scott Cawley	O1526	01/09/2016	Pipistrellus pygmaeus, Nyctalus leisleri, Myotis daubentonii, Myotis mystacinus
Bat Survey - Scott Cawley	O1931	11/05/2017	Nyctalus leisleri, Pipistrellus pygmaeus
Bat Survey - Scott Cawley	O1931	15/05/2017	Nyctalus leisleri
Bat Survey - Scott Cawley	O0739	25/08/2015	Nyctalus leisleri, Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus
Bat Survey - Scott Cawley	O1539	30/08/2016	Pipistrellus pygmaeus, Pipistrellus pipistrellus (45kHz), Nyctalus leisleri
Bat Survey - Scott Cawley	O1334	16/09/2015	Nyctalus leisleri
Bat Surveys - Tina Aughney	O1632	07/09/2007	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Nyctalus leisleri
Bat Surveys - Tina Aughney	O1429	19/07/2007	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Pipistrellus spp. (45kHz/55kHz), Nyctalus leisleri, Myotis spp., Myotis daubentonii
Bat Surveys - Tina Aughney	O1529	19/07/2007	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Pipistrellus spp. (45kHz/55kHz), Nyctalus leisleri, Myotis spp., Myotis daubentonii
Bat Surveys - Tina Aughney	O1630	19/07/2007	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Pipistrellus spp. (45kHz/55kHz), Nyctalus leisleri, Myotis spp., Myotis daubentonii
Bat Surveys - Tina Aughney	O1730	19/07/2007	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Pipistrellus spp. (45kHz/55kHz), Nyctalus leisleri, Myotis spp., Myotis daubentonii
Bat Surveys - Tina Aughney	O1731	19/07/2007	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Pipistrellus spp. (45kHz/55kHz), Nyctalus leisleri, Myotis spp., Myotis daubentonii



Bat Surveys - Tina Aughney	O1733	30/06/2006	Pipistrellus pipistrellus (45kHz),Nyctalus leisleri
Bat Surveys - Tina Aughney	O1329	20/07/2007	Pipistrellus pipistrellus (45kHz),Pipistrellus pygmaeus,Myotis daubentonii,Plecotus auritus
Bat Surveys - Tina Aughney	O1329	22/07/2007	Myotis daubentonii,Pipistrellus pipistrellus (45kHz),Myotis mystacinus/brandtii,Pipistrellus pygmaeus,Nyctalus leisleri
Bat Surveys - Tina Aughney	O1329	27/07/2007	Pipistrellus pipistrellus (45kHz),Pipistrellus pygmaeus,Myotis daubentonii
Bat Surveys - Tina Aughney	O1731	26/10/2007	Pipistrellus pipistrellus (45kHz),Pipistrellus pygmaeus,Nyctalus leisleri
Bat Surveys - Tina Aughney	O0832	28/06/2005	Pipistrellus pipistrellus (45kHz),Pipistrellus pygmaeus,Nyctalus leisleri,Myotis daubentonii
Bat Surveys - Tina Aughney	O1727	09/04/2001	Pipistrellus pipistrellus (45kHz),Pipistrellus pygmaeus,Nyctalus leisleri
Bat Surveys - Tina Aughney	O0631	22/04/2011	Pipistrellus pygmaeus,Nyctalus leisleri,Pipistrellus pipistrellus (45kHz)
Bat Surveys - Tina Aughney	O2528	19/06/2012	Nyctalus leisleri,Pipistrellus pipistrellus (45kHz)
Bat Surveys - Tina Aughney	O2242	06/05/2017	Plecotus auritus,Pipistrellus pipistrellus (45kHz),Pipistrellus pygmaeus,Nyctalus leisleri
Bat Surveys - Tina Aughney	O2026	02/09/2017	Pipistrellus pipistrellus (45kHz),Pipistrellus pygmaeus,Nyctalus leisleri,Myotis spp.
Bat Surveys - Tina Aughney	O2029	11/08/2017	Pipistrellus pipistrellus (45kHz),Pipistrellus pygmaeus,Nyctalus leisleri,Plecotus auritus
Bat Surveys - Tina Aughney	O1737	11/08/2017	Pipistrellus pipistrellus (45kHz),Pipistrellus pygmaeus,Nyctalus leisleri,Plecotus auritus
Bat Surveys - Tina Aughney	O1025	23/05/2017	Nyctalus leisleri,Pipistrellus pygmaeus,Pipistrellus pipistrellus (45kHz)
Bat Surveys - Tina Aughney	O0925	23/05/2017	Nyctalus leisleri,Pipistrellus pygmaeus,Pipistrellus pipistrellus (45kHz)
Bat Surveys - Tina Aughney	O1831	23/04/2017	Pipistrellus pipistrellus (45kHz),Pipistrellus pygmaeus,Nyctalus leisleri
Bat Surveys - Tina Aughney	O1435	23/06/2018	Nyctalus leisleri,Pipistrellus pipistrellus (45kHz)
BATLAS 2010	O0832	27/09/2008	Pipistrellus pipistrellus (45kHz)
BATLAS 2010	O1540	01/08/2008	Pipistrellus pipistrellus (45kHz),Pipistrellus pygmaeus,Nyctalus leisleri
BATLAS 2010	O1640	01/08/2008	Pipistrellus pipistrellus (45kHz),Pipistrellus pygmaeus,Nyctalus leisleri



BATLAS 2010	O1538	01/08/2008	Pipistrellus pipistrellus (45kHz)
BATLAS 2010	O1744	30/07/2008	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Nyctalus leisleri
BATLAS 2010	O1542	31/07/2008	Pipistrellus pipistrellus (45kHz), Nyctalus leisleri
BATLAS 2010	O1442	16/07/2008	Nyctalus leisleri
BATLAS 2010	O1542	16/07/2008	Nyctalus leisleri
BATLAS 2010	O1543	16/07/2008	Nyctalus leisleri
BATLAS 2010	O1642	16/07/2008	Nyctalus leisleri
BATLAS 2010	O1643	16/07/2008	Nyctalus leisleri
BATLAS 2010	O0731	27/06/2008	Pipistrellus pygmaeus
BATLAS 2010	O1533	16/06/2008	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Nyctalus leisleri
BATLAS 2010	O1633	16/06/2008	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Nyctalus leisleri
BATLAS 2010	O1834	01/06/2008	Unidentified bat
BATLAS 2010	O0631	28/08/2008	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Myotis daubentonii
BATLAS 2010	O2425	08/05/2008	Pipistrellus pipistrellus (45kHz), Nyctalus leisleri
BATLAS 2010	O2525	23/06/2008	Pipistrellus pipistrellus (45kHz), Plecotus auritus
BATLAS 2010	O0635	30/06/2008	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Nyctalus leisleri, Myotis spp., Myotis daubentonii
BATLAS 2010	O0636	25/09/2008	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus
BATLAS 2010	O0638	17/09/2008	Pipistrellus pygmaeus
BATLAS 2010	O0637	15/08/2008	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Nyctalus leisleri, Myotis daubentonii
BATLAS 2010	O0729	17/09/2008	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Nyctalus leisleri
BATLAS 2010	O1136	30/09/2008	Pipistrellus pipistrellus (45kHz), Pipistrellus nathusii, Myotis nattereri, Myotis mystacinus/brandtii, Myotis daubentonii
BATLAS 2010	O1136	30/09/2008	Pipistrellus pipistrellus (45kHz), Nyctalus leisleri
BATLAS 2010	O0936	30/09/2008	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Pipistrellus spp. (45kHz/55kHz), Nyctalus leisleri, Myotis daubentonii



BATLAS 2010	O1136	30/09/2008	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus
BATLAS 2010	O1136	30/09/2008	Pipistrellus nathusii, Plecotus auritus, Myotis nattereri, Myotis mystacinus/brandtii, Myotis daubentonii
BATLAS 2010	O1134	30/09/2008	Pipistrellus spp. (45kHz/55kHz)
BATLAS 2010	O1036	30/09/2008	Pipistrellus spp. (45kHz/55kHz)
BATLAS 2010	O1235	30/09/2008	Pipistrellus spp. (45kHz/55kHz), Myotis daubentonii
BATLAS 2010	O1036	30/09/2008	Pipistrellus spp. (45kHz/55kHz), Nyctalus leisleri
BATLAS 2010	O1134	30/09/2008	Pipistrellus spp. (45kHz/55kHz), Plecotus auritus, Nyctalus leisleri
BATLAS 2010	O1034	30/09/2008	Plecotus auritus
BATLAS 2010	O1135	30/09/2008	Plecotus auritus
BATLAS 2010	O1136	30/09/2008	Nyctalus leisleri
BATLAS 2010	O0935	30/09/2008	Myotis nattereri
BATLAS 2010	O1035	30/09/2008	Myotis nattereri
BATLAS 2010	O1233	28/08/2008	Pipistrellus pipistrellus (45kHz), Pipistrellus spp. (45kHz/55kHz), Nyctalus leisleri
BATLAS 2010	O1328	13/08/2008	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Pipistrellus spp. (45kHz/55kHz), Myotis spp.
BATLAS 2020	O0729	06/07/2017	
BATLAS 2020	O0730	02/09/2016	
BATLAS 2020	O0632	02/09/2016	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus
BATLAS 2020	O1132	20/10/2015	Pipistrellus pipistrellus (45kHz), Pipistrellus nathusii
BATLAS 2020	O1034	08/10/2015	Pipistrellus nathusii
BATLAS 2020	O0635	06/08/2016	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Nyctalus leisleri, Myotis daubentonii
BATLAS 2020	O1036	08/10/2015	Pipistrellus nathusii
BATLAS 2020	O1036	08/10/2015	Pipistrellus pipistrellus (45kHz)
BATLAS 2020	O1036	08/10/2015	Pipistrellus pipistrellus (45kHz)
BATLAS 2020	O0640	22/08/2018	
BATLAS 2020	O1142	14/09/2017	Pipistrellus spp. (45kHz/55kHz)
Bats in Dublin's City Centre Parks and Waterways	O1633	05/07/2000	Myotis mystacinus/brandtii



Bats in Dublin's City Centre Parks and Waterways	O1535	22/05/2000	Nyctalus leisleri, Pipistrellus pipistrellus (45kHz)
Bats in Dublin's City Centre Parks and Waterways	O1632	13/05/2000	Pipistrellus pipistrellus (45kHz)
Bats in Dublin's City Centre Parks and Waterways	O1633	10/05/2000	Pipistrellus pygmaeus
Cavan Bat Group	O1626	18/08/2003	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Nyctalus leisleri, Plecotus auritus
Daubentons bat rabies sampling	O1427	03/07/2021	Nyctalus leisleri, Pipistrellus pipistrellus (45kHz)
Dublin Bat Group surveys	O1137	08/09/1999	Myotis daubentonii, Pipistrellus pygmaeus
Dublin Bat Group surveys	O1526	18/08/1999	Nyctalus leisleri
Dublin Bat Group surveys	O1633	10/05/2000	Nyctalus leisleri, Pipistrellus pipistrellus (45kHz)
Dublin Bat Group surveys	O1137	08/09/1999	Nyctalus leisleri
Dublin Bat Group surveys	O1633	05/07/2000	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus
Dublin Bat Group surveys	O1529	18/08/1999	Pipistrellus pygmaeus
Dublin Bat Group Telephone and Follow-up Surveys	O0937	07/04/2002	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Nyctalus leisleri
EIS and Road Surveys - Conor Kelleher	O1037	07/04/2002	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Nyctalus leisleri
EIS and Road Surveys - Conor Kelleher	O1334	12/07/2006	Pipistrellus pipistrellus (45kHz)
EIS and Road Surveys - Conor Kelleher	O0932	08/07/2007	Pipistrellus pygmaeus, Pipistrellus pipistrellus (45kHz), Myotis daubentonii, Nyctalus leisleri
EIS and Road Surveys - Conor Kelleher	O0732	08/07/2007	Pipistrellus pygmaeus, Pipistrellus pipistrellus (45kHz), Myotis daubentonii, Nyctalus leisleri
EIS and Road Surveys - Conor Kelleher	O0832	08/07/2007	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Myotis daubentonii, Nyctalus leisleri
EIS and Road Surveys - Conor Kelleher	O1032	08/07/2007	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Myotis daubentonii, Nyctalus leisleri
EIS and Road Surveys - Conor Kelleher	O0735	22/06/2005	Pipistrellus pygmaeus, Pipistrellus pipistrellus (45kHz), Nyctalus leisleri
EIS and Road Surveys - Conor Kelleher	O0938	22/06/2005	Pipistrellus pygmaeus, Pipistrellus pipistrellus (45kHz), Nyctalus leisleri
EIS and Road Surveys - Conor Kelleher	O0732	22/06/2005	Pipistrellus pygmaeus, Pipistrellus pipistrellus (45kHz), Nyctalus leisleri, Myotis daubentonii
EIS and Road Surveys - Conor Kelleher	O0735	22/06/2005	Myotis daubentonii



EIS and Road Surveys - Conor Kelleher	O1127	22/06/2005	Pipistrellus pygmaeus, Myotis daubentonii
EIS and Road Surveys - Conor Kelleher	O1526	22/06/2005	Pipistrellus pygmaeus, Pipistrellus pipistrellus (45kHz)
EIS and Road Surveys - Conor Kelleher	O1931	22/06/2005	Nyctalus leisleri
EIS and Road Surveys - Conor Kelleher	O1640	22/06/2005	Pipistrellus pygmaeus, Nyctalus leisleri, Pipistrellus pipistrellus (45kHz)
EIS and Road Surveys - Conor Kelleher	O1344	14/09/2002	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Plecotus auritus, Nyctalus leisleri
EIS and Road Surveys - Conor Kelleher	O1444	14/09/2002	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Plecotus auritus, Nyctalus leisleri
EIS and Road Surveys - Conor Kelleher	O1544	14/09/2002	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Plecotus auritus, Nyctalus leisleri
EIS surveys - Brian Keeley	O1626	18/08/2003	Pipistrellus pygmaeus, Pipistrellus pipistrellus (45kHz), Plecotus auritus, Nyctalus leisleri
EIS surveys - Brian Keeley	O1727	01/09/2004	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus
EIS surveys - Brian Keeley	O2129	01/07/2004	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Nyctalus leisleri
EIS surveys - Brian Keeley	O2326	01/09/2004	Pipistrellus pipistrellus (45kHz)
EIS surveys - Brian Keeley	O2625	01/06/2004	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Nyctalus leisleri
EIS surveys - Brian Keeley	O1526	01/06/2004	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Nyctalus leisleri, Myotis daubentonii, Myotis mystacinus, Myotis mystacinus/brandtii
EIS surveys - Brian Keeley	O2329	01/06/2004	Pipistrellus spp. (45kHz/55kHz), Nyctalus leisleri
EIS surveys - Brian Keeley	O1728	04/09/2003	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Nyctalus leisleri
EIS surveys - Brian Keeley	O2043	09/07/2004	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Nyctalus leisleri, Myotis mystacinus/brandtii, Plecotus auritus
EIS surveys - Brian Keeley	O2041	20/09/2005	Pipistrellus pygmaeus
EIS surveys - Brian Keeley	O0935	02/09/2005	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Nyctalus leisleri, Plecotus auritus, Myotis mystacinus
EIS surveys - Brian Keeley	O0735	01/09/2005	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Nyctalus leisleri, Plecotus auritus, Myotis daubentonii
EIS surveys - Brian Keeley	O1237	06/06/2006	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Nyctalus leisleri



EIS surveys - Brian Keeley	O1641	02/06/2006	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Nyctalus leisleri
EIS surveys - Brian Keeley	O2126	07/10/2006	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Nyctalus leisleri
EIS surveys - Brian Keeley	O0735	10/08/2006	Pipistrellus pipistrellus (45kHz), Nyctalus leisleri
EIS surveys - Brian Keeley	O1342	30/08/2007	Nyctalus leisleri
EIS surveys - Brian Keeley	O2343	10/07/2007	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Nyctalus leisleri
EIS surveys - Brian Keeley	O1625	04/08/2012	Nyctalus leisleri, Pipistrellus pygmaeus, Pipistrellus nathusii
EIS surveys - Brian Keeley	O1833	24/05/2011	Pipistrellus pygmaeus, Nyctalus leisleri, Pipistrellus pipistrellus (45kHz), Myotis daubentonii
EIS surveys - Brian Keeley	O0729	14/09/2010	Pipistrellus pygmaeus, Pipistrellus pipistrellus (45kHz), Plecotus auritus
EIS surveys - Brian Keeley	O1833	12/07/2010	Nyctalus leisleri, Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus
EIS surveys - Brian Keeley	O1831	04/06/2010	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Nyctalus leisleri
EIS surveys - Brian Keeley	O2345	19/05/2009	Nyctalus leisleri, Pipistrellus pipistrellus (45kHz)
EIS surveys - Brian Keeley	O1237	13/09/2010	Pipistrellus pygmaeus, Pipistrellus pipistrellus (45kHz), Nyctalus leisleri
EIS surveys - Brian Keeley	O1733	08/10/2009	Pipistrellus nathusii, Pipistrellus pygmaeus, Nyctalus leisleri
EIS surveys - Brian Keeley	O1842	09/08/2012	Nyctalus leisleri, Pipistrellus pygmaeus, Pipistrellus pipistrellus (45kHz)
EIS surveys - Brian Keeley	O1037	04/05/2013	Myotis daubentonii, Pipistrellus pygmaeus, Pipistrellus pipistrellus (45kHz), Nyctalus leisleri
EIS Surveys - Caroline Shiel	O1135	04/06/2007	Nyctalus leisleri
EIS Surveys - Niamh Roche	O1744	20/09/2003	Nyctalus leisleri
EIS Surveys - Niamh Roche	O1930	2001-05-00	Nyctalus leisleri, Pipistrellus pipistrellus (45kHz)
EIS Surveys - Niamh Roche	O1833	2004-09-00	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus
EIS Surveys - Niamh Roche	O1833	2004-09-00	Nyctalus leisleri
Faith Wilson	O1728	04/09/2003	Nyctalus leisleri, Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus
Faith Wilson	O0836	11/06/2008	Myotis spp., Pipistrellus spp. (45kHz/55kHz), Nyctalus leisleri



Faith Wilson	O1632	08/10/2009	Nyctalus leisleri, Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Pipistrellus nathusii
Faith Wilson	O1433	01/08/2007	Nyctalus leisleri
Faith Wilson	O0640	07/10/2007	Nyctalus leisleri, Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus
Faith Wilson	O0640	07/10/2007	Myotis daubentonii, Pipistrellus pygmaeus
Faith Wilson	O0739	07/10/2007	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Nyctalus leisleri
Faith Wilson	O0838	11/08/2008	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Myotis daubentonii
Faith Wilson	O0838	09/10/2007	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Nyctalus leisleri, Myotis daubentonii, Plecotus auritus
Faith Wilson	O0938	09/10/2007	Pipistrellus pipistrellus (45kHz)
Faith Wilson	O1426	31/10/2014	Pipistrellus pipistrellus (45kHz), Nyctalus leisleri, Pipistrellus pygmaeus
Faith Wilson	O0631	10/10/2018	Nyctalus leisleri, Pipistrellus pygmaeus, Pipistrellus pipistrellus (45kHz)
Faith Wilson	O2227	13/07/2021	Nyctalus leisleri, Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus
John Curtin	O0635	18/09/2017	Myotis daubentonii
National Biodiversity Data Centre Bat Records	O1830	30/09/2016	Myotis nattereri, Pipistrellus pygmaeus
National Biodiversity Data Centre Bat Records	O1538	01/05/2014	Pipistrellus pygmaeus
National Biodiversity Data Centre Bat Records	O2137	07/06/2013	Nyctalus leisleri
National Biodiversity Data Centre Bat Records	O2137	07/06/2013	Pipistrellus pipistrellus (45kHz)
National Biodiversity Data Centre Bat Records	O2136	07/06/2013	Pipistrellus pygmaeus
National Biodiversity Data Centre Bat Records	O1125	15/07/2021	Pipistrellus spp. (45kHz/55kHz)
National Biodiversity Data Centre Bat Records	O1125	23/07/2021	Pipistrellus spp. (45kHz/55kHz)
National Biodiversity Data Centre Bat Records	O1127	20/04/2019	Myotis daubentonii
National Biodiversity Data Centre Bat Records	O1127	21/04/2019	Myotis daubentonii
National Biodiversity Data Centre Bat Records	O1027	24/02/2019	Myotis daubentonii



National Biodiversity Data Centre Bat Records	O1134	04/09/2018	Unidentified bat
National Biodiversity Data Centre Bat Records	O1233	20/04/2019	Myotis daubentonii
National Biodiversity Data Centre Bat Records	O1328	21/09/2018	Nyctalus leisleri
National Biodiversity Data Centre Bat Records	O1929	01/08/2018	Nyctalus leisleri,Pipistrellus pygmaeus
National Biodiversity Data Centre Bat Records	O1630	23/08/2018	Myotis daubentonii
National Biodiversity Data Centre Bat Records	O1532	28/05/2016	Nyctalus leisleri
National Biodiversity Data Centre Bat Records	O1137	15/10/2020	Pipistrellus spp. (45kHz/55kHz)
National Biodiversity Data Centre Bat Records	O1438	06/06/2021	Myotis nattereri,Pipistrellus pygmaeus,Nyctalus leisleri
National Biodiversity Data Centre Bat Records	O1438	07/06/2021	Pipistrellus pipistrellus (45kHz),Pipistrellus pygmaeus
National Biodiversity Data Centre Bat Records	O1438	04/06/2021	Nyctalus leisleri
National Biodiversity Data Centre Bat Records	O1438	05/06/2021	Nyctalus leisleri
National Biodiversity Data Centre Bat Records	O0838	18/07/2021	Pipistrellus spp. (45kHz/55kHz)
National Biodiversity Data Centre Bat Records	O1125	13/07/2021	Unidentified bat
National Biodiversity Data Centre Bat Records	O1537	21/11/2022	Pipistrellus spp. (45kHz/55kHz)
National Biodiversity Data Centre Bat Records	O2539	07/04/2020	Pipistrellus pygmaeus
National Biodiversity Data Centre Bat Records	O1226	30/06/2021	Pipistrellus spp. (45kHz/55kHz)
National Biodiversity Data Centre Bat Records	O2428	12/04/2022	Pipistrellus spp. (45kHz/55kHz)
National Biodiversity Data Centre Bat Records	O1125	12/07/2021	Pipistrellus spp. (45kHz/55kHz)
National Biodiversity Data Centre Bat Records	O1630	15/03/2021	Myotis daubentonii
National Biodiversity Data Centre Bat Records	O1125	09/07/2021	Unidentified bat
National Biodiversity Data Centre Bat Records	O1527	05/06/2021	Pipistrellus pipistrellus (45kHz),Pipistrellus pygmaeus
National Biodiversity Data Centre Bat Records	O1527	05/06/2021	Nyctalus leisleri



National Biodiversity Data Centre Bat Records	O1226	23/04/2021	Pipistrellus spp. (45kHz/55kHz)
National Biodiversity Data Centre Bat Records	O1127	09/04/2020	Myotis daubentonii
National Biodiversity Data Centre Bat Records	O1127	11/04/2022	Unidentified bat
National Biodiversity Data Centre Bat Records	O1127	27/04/2022	Unidentified bat
National Biodiversity Data Centre Bat Records	O1732	25/07/2019	Unidentified bat
National Biodiversity Data Centre Bat Records	O1335	21/10/2020	Pipistrellus spp. (45kHz/55kHz), Pipistrellus pygmaeus
National Biodiversity Data Centre Bat Records	O1736	26/04/2021	Pipistrellus spp. (45kHz/55kHz)
National Biodiversity Data Centre Bat Records	O1536	04/09/2021	Pipistrellus spp. (45kHz/55kHz)
National Biodiversity Data Centre Bat Records	O1541	24/06/2022	Pipistrellus spp. (45kHz/55kHz), Nyctalus leisleri
National Biodiversity Data Centre Bat Records	O1540	24/06/2022	Pipistrellus pygmaeus
National Biodiversity Data Centre Bat Records	O1540	24/06/2022	Nyctalus leisleri
National Biodiversity Data Centre Bat Records	O1426	21/08/2021	Pipistrellus spp. (45kHz/55kHz)
National Biodiversity Data Centre Bat Records	O0933	13/10/2021	Pipistrellus spp. (45kHz/55kHz)
National Biodiversity Data Centre Bat Records	O1328	07/04/2021	Pipistrellus spp. (45kHz/55kHz)
National Biodiversity Data Centre Bat Records	O1628	04/07/2022	Unidentified bat
National Biodiversity Data Centre Bat Records	O2028	20/06/2020	Pipistrellus spp. (45kHz/55kHz)
National Biodiversity Data Centre Bat Records	O2028	20/06/2020	Unidentified bat
National Biodiversity Data Centre Bat Records	O0938	08/11/2023	Unidentified bat
National Biodiversity Data Centre Bat Records	O0938	03/04/2024	Unidentified bat
National Biodiversity Data Centre Bat Records	O1127	08/04/2023	Myotis daubentonii
National Biodiversity Data Centre Bat Records	O1234	19/09/2024	Pipistrellus spp. (45kHz/55kHz)
National Biodiversity Data Centre Bat Records	O1233	26/03/2023	Pipistrellus spp. (45kHz/55kHz)



National Biodiversity Data Centre Bat Records	O1233	07/04/2023	Pipistrellus spp. (45kHz/55kHz)
National Biodiversity Data Centre Bat Records	O1233	15/06/2023	Pipistrellus spp. (45kHz/55kHz)
National Biodiversity Data Centre Bat Records	O1233	17/06/2023	Pipistrellus pygmaeus
National Biodiversity Data Centre Bat Records	O1233	17/07/2023	Pipistrellus spp. (45kHz/55kHz)
National Biodiversity Data Centre Bat Records	O1233	02/05/2023	Pipistrellus spp. (45kHz/55kHz)
National Biodiversity Data Centre Bat Records	O1233	03/06/2023	
National Biodiversity Data Centre Bat Records	O1333	28/05/2023	Pipistrellus spp. (45kHz/55kHz)
National Biodiversity Data Centre Bat Records	O1332	13/06/2023	
National Biodiversity Data Centre Bat Records	O1333	07/06/2024	Myotis daubentonii
National Biodiversity Data Centre Bat Records	O1333	17/09/2024	Nyctalus leisleri
National Biodiversity Data Centre Bat Records	O1327	02/10/2024	Unidentified bat
National Biodiversity Data Centre Bat Records	O1433	21/05/2023	Pipistrellus spp. (45kHz/55kHz)
National Biodiversity Data Centre Bat Records	O1431	17/09/2024	Unidentified bat
National Biodiversity Data Centre Bat Records	O1536	24/11/2023	Pipistrellus spp. (45kHz/55kHz)
National Biodiversity Data Centre Bat Records	O1632	09/08/2024	Unidentified bat
National Biodiversity Data Centre Bat Records	O1632	03/04/2023	Unidentified bat
National Biodiversity Data Centre Bat Records	O1732	31/07/2024	Pipistrellus spp. (45kHz/55kHz)
National Biodiversity Data Centre Bat Records	O1728	25/07/2023	Unidentified bat
National Biodiversity Data Centre Bat Records	O1732	27/09/2024	Myotis daubentonii
National Biodiversity Data Centre Bat Records	O2128	08/07/2024	Pipistrellus spp. (45kHz/55kHz),Nyctalus leisleri
National Biodiversity Data Centre Bat Records	O2429	15/07/2022	Pipistrellus spp. (45kHz/55kHz)
Neighbourhood Bats 2021	O1427	30/06/2021	Nyctalus leisleri,Pipistrellus pipistrellus (45kHz)



Neighbourhood Bats 2021	O1427	01/07/2021	Nyctalus leisleri, Pipistrellus pipistrellus (45kHz)
Neighbourhood Bats 2021	O1427	02/07/2021	Pipistrellus pipistrellus (45kHz), Nyctalus leisleri
Neighbourhood Bats 2021	O1427	03/07/2021	Nyctalus leisleri, Pipistrellus pipistrellus (45kHz)
Neighbourhood Bats 2021	O1427	04/07/2021	Pipistrellus pipistrellus (45kHz), Nyctalus leisleri
Neighbourhood Bats 2021	O1427	05/07/2021	Pipistrellus pipistrellus (45kHz), Nyctalus leisleri
Neighbourhood Bats 2021	O1427	06/07/2021	Nyctalus leisleri
Neighbourhood Bats 2021	O1427	07/07/2021	Pipistrellus pipistrellus (45kHz), Nyctalus leisleri
Neighbourhood Bats 2021	O1427	08/07/2021	Pipistrellus pipistrellus (45kHz), Nyctalus leisleri
Neighbourhood Bats 2021	O1427	09/07/2021	Pipistrellus pipistrellus (45kHz), Nyctalus leisleri
Neighbourhood Bats 2021	O1427	10/07/2021	Nyctalus leisleri, Pipistrellus pipistrellus (45kHz)
Neighbourhood Bats 2021	O1427	11/07/2021	Pipistrellus pipistrellus (45kHz), Nyctalus leisleri
Neighbourhood Bats 2021	O1427	12/07/2021	Pipistrellus pipistrellus (45kHz), Nyctalus leisleri
Neighbourhood Bats 2021	O1427	13/07/2021	Pipistrellus pipistrellus (45kHz), Nyctalus leisleri
Neighbourhood Bats 2021	O1427	14/07/2021	Pipistrellus pipistrellus (45kHz)
Neighbourhood Bats 2021	O1427	15/07/2021	Myotis spp., Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Nyctalus leisleri
Neighbourhood Bats 2021	O1427	16/07/2021	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Nyctalus leisleri
Neighbourhood Bats 2021	O1427	17/07/2021	Pipistrellus pipistrellus (45kHz), Nyctalus leisleri
Neighbourhood Bats 2021	O1427	18/07/2021	Pipistrellus pipistrellus (45kHz), Pipistrellus nathusii, Pipistrellus pygmaeus, Nyctalus leisleri
Neighbourhood Bats 2021	O1427	19/07/2021	Pipistrellus pipistrellus (45kHz), Nyctalus leisleri
Neighbourhood Bats 2021	O1427	20/07/2021	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Nyctalus leisleri
Neighbourhood Bats 2021	O1427	21/07/2021	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Nyctalus leisleri
Neighbourhood Bats 2021	O1427	22/07/2021	Pipistrellus pipistrellus (45kHz), Nyctalus leisleri



Neighbourhood Bats 2021	O1427	23/07/2021	Pipistrellus pipistrellus (45kHz),Nyctalus leisleri,Pipistrellus pygmaeus
Neighbourhood Bats 2021	O1427	24/07/2021	Pipistrellus pipistrellus (45kHz),Pipistrellus pygmaeus,Nyctalus leisleri
Neighbourhood Bats 2021	O1427	25/07/2021	Pipistrellus pipistrellus (45kHz),Nyctalus leisleri,Pipistrellus pygmaeus,Pipistrellus nathusii
Neighbourhood Bats 2021	O1427	26/07/2021	Nyctalus leisleri,Pipistrellus pipistrellus (45kHz)
Neighbourhood Bats 2021	O1427	27/07/2021	Pipistrellus pipistrellus (45kHz),Pipistrellus pygmaeus,Nyctalus leisleri
Neighbourhood Bats 2021	O1427	28/07/2021	Pipistrellus pipistrellus (45kHz),Pipistrellus pygmaeus
Neighbourhood Bats 2021	O1427	29/07/2021	Pipistrellus pipistrellus (45kHz),Pipistrellus pygmaeus
Neighbourhood Bats 2021	O1427	30/07/2021	Pipistrellus pipistrellus (45kHz),Pipistrellus pygmaeus
Neighbourhood Bats 2021	O1427	31/07/2021	Pipistrellus pipistrellus (45kHz),Pipistrellus pygmaeus
Neighbourhood Bats 2021	O1427	01/08/2021	Pipistrellus pipistrellus (45kHz),Pipistrellus pygmaeus,Nyctalus leisleri
Neighbourhood Bats 2021	O1427	02/08/2021	Pipistrellus pipistrellus (45kHz),Pipistrellus pygmaeus,Nyctalus leisleri
Neighbourhood Bats 2021	O1427	03/08/2021	Nyctalus leisleri,Pipistrellus pygmaeus,Pipistrellus pipistrellus (45kHz)
Neighbourhood Bats 2021	O1427	06/08/2021	Pipistrellus pipistrellus (45kHz),Nyctalus leisleri
Neighbourhood Bats 2021	O1427	05/08/2021	Nyctalus leisleri,Pipistrellus pipistrellus (45kHz)
Neighbourhood Bats 2021	O1427	04/08/2021	Pipistrellus pipistrellus (45kHz),Pipistrellus pygmaeus,Nyctalus leisleri
Neighbourhood Bats 2021	O1427	07/08/2021	Nyctalus leisleri,Pipistrellus pygmaeus
Neighbourhood Bats 2021	O1427	08/08/2021	Pipistrellus pipistrellus (45kHz),Pipistrellus pygmaeus,Nyctalus leisleri
Neighbourhood Bats 2021	O1427	09/08/2021	Nyctalus leisleri,Pipistrellus pipistrellus (45kHz),Plecotus auritus,Pipistrellus pygmaeus
Neighbourhood Bats 2021	O1427	10/08/2021	Nyctalus leisleri,Pipistrellus pygmaeus,Pipistrellus pipistrellus (45kHz)
Neighbourhood Bats 2021	O1427	11/08/2021	Pipistrellus pipistrellus (45kHz),Pipistrellus pygmaeus
Neighbourhood Bats 2021	O1427	12/08/2021	Pipistrellus pipistrellus (45kHz),Pipistrellus pygmaeus
Neighbourhood Bats 2021	O1427	13/08/2021	Nyctalus leisleri



Neighbourhood Bats 2021	O1427	14/08/2021	Nyctalus leisleri
Neighbourhood Bats 2021	O1427	15/08/2021	Nyctalus leisleri
Neighbourhood Bats 2021	O1427	17/08/2021	Nyctalus leisleri
Niamh Roche	O1526	28/07/1999	Nyctalus leisleri,Pipistrellus pipistrellus (45kHz),Pipistrellus pygmaeus
Niamh Roche	O0834	20/04/2006	Pipistrellus pygmaeus,Pipistrellus pipistrellus (45kHz)
Niamh Roche	O1830	10/06/2015	Nyctalus leisleri
Niamh Roche	O1830	10/06/2015	Nyctalus leisleri
Niamh Roche	O1830	10/06/2015	Pipistrellus pipistrellus (45kHz),Pipistrellus pygmaeus
Niamh Roche	O1830	10/06/2015	Nyctalus leisleri,Pipistrellus pipistrellus (45kHz)
Niamh Roche	O1830	10/06/2015	Pipistrellus pipistrellus (45kHz)
Niamh Roche	O1830	11/06/2015	Nyctalus leisleri
Niamh Roche	O1830	11/06/2015	Nyctalus leisleri
Niamh Roche	O1830	11/06/2015	Pipistrellus pipistrellus (45kHz)
Niamh Roche	O1830	11/06/2015	Pipistrellus pipistrellus (45kHz)
Niamh Roche	O1830	11/06/2015	Pipistrellus pipistrellus (45kHz)
Niamh Roche	O1830	11/06/2015	Pipistrellus pipistrellus (45kHz)
Niamh Roche	O1830	28/06/2015	Pipistrellus pygmaeus
Niamh Roche	O1830	12/06/2015	Pipistrellus spp. (45kHz/55kHz),Pipistrellus pygmaeus
Niamh Roche	O1830	24/06/2015	Pipistrellus pygmaeus
Niamh Roche	O1929	22/07/2015	Nyctalus leisleri,Pipistrellus spp. (45kHz/55kHz),Pipistrellus pipistrellus (45kHz),Pipistrellus pygmaeus
Niamh Roche	O1929	29/07/2015	Pipistrellus pipistrellus (45kHz),Pipistrellus pygmaeus,Nyctalus leisleri
Niamh Roche	O1929	02/08/2015	Pipistrellus pygmaeus,Nyctalus leisleri
Niamh Roche	O1929	05/08/2015	Nyctalus leisleri,Pipistrellus pygmaeus
Niamh Roche	O1929	07/08/2015	Pipistrellus pygmaeus
Niamh Roche	O1829	22/07/2015	Nyctalus leisleri
Niamh Roche	O1929	22/07/2015	Pipistrellus pygmaeus
Niamh Roche	O1929	22/07/2015	Pipistrellus pygmaeus
Visiting Bat Specialists	O1630	11/05/2008	Pipistrellus pipistrellus (45kHz)
Visiting Bat Specialists	O1526	31/08/2007	Pipistrellus pipistrellus (45kHz)
Wildlife Surveys Ireland Surveys	O1930	08/08/2023	Myotis daubentonii,Nyctalus leisleri,Pipistrellus pipistrellus (45kHz),Pipistrellus pygmaeus



Wildlife Surveys Ireland Surveys	O0631	15/08/2023	Nyctalus leisleri, Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus
Wildlife Surveys Ireland Surveys	O1137	20/05/2024	Myotis daubentonii, Pipistrellus pygmaeus, Pipistrellus pipistrellus (45kHz), Nyctalus leisleri
Wildlife Surveys Ireland Surveys	O0836	25/07/2024	Nyctalus leisleri, Pipistrellus pygmaeus, Pipistrellus pipistrellus (45kHz)
Wildlife Surveys Ireland Surveys	O1732	29/07/2024	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Nyctalus leisleri
Wildlife Surveys Ireland Surveys	O1740	29/05/2025	Pipistrellus pipistrellus (45kHz), Pipistrellus pygmaeus, Nyctalus leisleri