



Biodiversity Information Report 08/11/2016

MBB reference: 2007-Tyrer

Site: Moredale Children's Home

Your Ref: None supplied
Your contact: Stan Irwin

MBB Ref: 2007-Tyrer
MBB Contact: Ben Deed

Date: 08/11/2016

Merseyside BioBank biodiversity information report

These are the results of your data request relating to **an area at Moredale Children's Home defined by a buffer of 2000 metres around the centre of grid reference SJ3721187273.**

You have been supplied with the following:

- records of **Bats** that intersect the search area
- a map showing the location of monad and tetrad references that overlap the search area

Merseyside BioBank (MBB) is the Local Records Centre (LRC) for North Merseyside. We collect and collate biological and environmental information and make it available to people and organisations that have need to access such information in North Merseyside. We promote the North Merseyside Biodiversity Action Plan and wider participation in conservation through education, community involvement and by supporting the biological recording community of North Merseyside.

Merseyside BioBank is an information node of the National Biodiversity Network (NBN) and integrate records from our own databases with those of the NBN Gateway.

The handling charge for this data request is not a charge for the data themselves, but rather a partial charge for the staff time required to service the request. Our annual income from data requests is something less than 20% of our total running costs.

Species records

The biological records held by Merseyside BioBank come from a variety of sources; from large organisations to individual amateur naturalists. Merseyside BioBank operates as managers or custodians of these records but the individuals and groups, who provide their records free of charge, retain copyright on their data. Without their contribution, we would not be able to provide the records included in this report. Their efforts, expertise and goodwill make a substantial contribution to the protection of North Merseyside's biodiversity.

You may only use the records in this document subject to our access terms and conditions which can be found in Appendix 1. Non-adherence to these terms and conditions will be viewed as a breach of contract, which may result in legal redress being sought.

This report also integrates records from the NBN Gateway. Some NBN data providers give us permission to download and integrate their records at a higher resolution than available through public access in order to contribute to the protection of North Merseyside's biodiversity.

Details of the biological records summarised in the following tables, and the sources from which they are derived, are included in appendix 2 of this report. Note that the date ranges in the summary tables (headed 'Dates') show the earliest and latest years for which records have been summarised for each taxon.

UK Protected Species

'UK Protected species' are those taxa specifically identified by UK legislation including: Wildlife & Countryside Act 1981 (as amended); Protection of Badgers Act 1992; Conservation of Habitats and Species Regulations 2010. The latter regulations enact the European Union's (EU) Habitats Directive (92/43/EEC) in the UK and supercede The Conservation Regulations 1994. In our list of protected species, you may see designations that refer to schedules in the 1994 regulations, but these remain unchanged under the 2010 regulations.

Some protected species may not be legally disturbed unless you are in possession of an appropriate license. If you are in any doubt as to whether or not a license is required, you should contact Natural England.

The following tables detail the protected species that were recorded in the search area.

Group	Common Name	Scientific Name	Records	Dates	Designations
terrestrial mammal	Bats	<i>Chiroptera</i>	5	1992-2014	HabRegs2,WCA5/9.4b,WCA5/9.5a,WC A5/9.4c
	Brown Long-eared Bat	<i>Plecotus auritus</i>	13	1933-2014	HabRegs2,WCA5/9.4b,WCA5/9.5a,WC A5/9.4c
	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	106	1985-2015	HabRegs2,WCA5/9.4b,WCA5/9.5a,WC A5/9.4c
	Daubenton's Bat	<i>Myotis daubentonii</i>	9	1980-2015	HabRegs2,WCA5/9.4b,WCA5/9.5a,WC A5/9.4c
	Long-eared Bat species	<i>Plecotus</i>	1	1933	HabRegs2,WCA5/9.4b,WCA5/9.5a,WC A5/9.4c
	Nathusius's Pipistrelle	<i>Pipistrellus nathusii</i>	1	2014	HabRegs2,WCA5/9.4b,WCA5/9.5a,WC A5/9.4c
	Noctule Bat	<i>Nyctalus noctula</i>	18	1980-2014	HabRegs2,WCA5/9.4b,WCA5/9.5a,WC A5/9.4c
	Pipistrelle	<i>Pipistrellus pipistrellus sensu lato</i>	1	1985	HabRegs2,WCA5/9.4b,WCA5/9.5a,WC A5/9.4c
	Pipistrelle Bat species	<i>Pipistrellus</i>	31	1980-2014	HabRegs2,WCA5/9.4b,WCA5/9.5a,WC A5/9.4c
	Soprano Pipistrelle	<i>Pipistrellus pygmaeus</i>	11	2014-2015	HabRegs2,WCA5/9.4b,WCA5/9.5a,WC A5/9.4c
	Unidentified Bat	<i>Myotis</i>	24	1992-2015	HabRegs2,WCA5/9.4b,WCA5/9.5a,WC A5/9.4c

Desig. Code	Desig. Name	Designation Description
HabRegs2	The Conservation (Natural Habitats, &c.) Regulations 2010 (Schedule 2)	Schedule 2- European protected species of animals.
WCA5/9.4b	Wildlife and Countryside Act 1981 (Schedule 5 Section 9.4b)	Section 9.4 Animals which are protected from intentional disturbance while occupying a structure or place used for shelter or protection.
WCA5/9.5a	Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5a)	Section 9.5 Animals which are protected from being sold, offered for sale or being held or transported for sale either live or dead, whole or part.
WCA5/9.4c	Wildlife and Countryside Act 1981 (Schedule 5)	Animals which are protected from their access to any structure or place which they use for shelter or protection being obstructed.

North Merseyside BAP Species

The North Merseyside Biodiversity Action Plan (NM BAP) was published in September 2001 and last reviewed in 2008. Like other Local Biodiversity Action Plans (LBAPs) its purpose is to focus local conservation on national priority species and habitats. However, LBAPs also embrace the idea of 'local distinctiveness' and species which are not considered UK conservation priorities can be catered for by LBAPs if they are of particular local significance. Such is the case with the NM BAP which currently names 74 species of which 57 are not conservation priority species but are included because their conservation is considered to be a priority in North Merseyside.

The following tables detail the North Merseyside BAP species that were recorded in the search area.

Group	Common Name	Scientific Name	Records	Dates	Designations
terrestrial mammal	Bats	<i>Chiroptera</i>	5	1992-2014	LBAP
	Brown Long-eared Bat	<i>Plecotus auritus</i>	13	1933-2014	LBAP
	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	106	1985-2015	LBAP
	Daubenton's Bat	<i>Myotis daubentonii</i>	9	1980-2015	LBAP
	Long-eared Bat species	<i>Plecotus</i>	1	1933	LBAP
	Nathusius's Pipistrelle	<i>Pipistrellus nathusii</i>	1	2014	LBAP
	Noctule Bat	<i>Nyctalus noctula</i>	18	1980-2014	LBAP
	Pipistrelle	<i>Pipistrellus pipistrellus sensu lato</i>	1	1985	LBAP
	Pipistrelle Bat species	<i>Pipistrellus</i>	31	1980-2014	LBAP
	Soprano Pipistrelle	<i>Pipistrellus pygmaeus</i>	11	2014-2015	LBAP
	Unidentified Bat	<i>Myotis</i>	24	1992-2015	LBAP

Desig. Code	Desig. Name	Designation Description
LBAP	North Merseyside BAP	Species that are incorporated within the North Merseyside Biodiversity Action Plan. These species may or may not also be UK BAP species. Some species have their own action plans within the NM BAP, others are members of group species action plans.

NM BAP species: Bats (*Plecotus auritus*; *Pipistrellus pipistrellus*; *Myotis daubentonii*; *Nyctalus noctula*; *Pipistrellus pygmaeus*)

The NM BAP Bats Species Action Plan covers all species found in North Merseyside since all are considered to be locally threatened.

Bat Species are found throughout North Merseyside, with Pipistrelles (Common/Soprano) most often encountered and Brown Long-eared and Noctules less common. Daubenton's are also frequently encountered in suitable wetland habitat. Whiskered, Brandt's and Natterers are considered rare locally.

Bat species will roost in many locations that are warm, dark, sheltered and little undisturbed. Such places can include derelict buildings, barns, roof spaces and tree hollows.

Factors causing declines in these species include the loss of prey insects due to the increased use of pesticides and general park/garden 'tidiness', loss and fragmentation of habitat mosaics, loss of winter roosts in old trees and buildings and intentional exclusion from buildings by people.

NERC Act Section 41 Species

Known also as 'Species of Principle Importance in England' and the 'England Biodiversity List' this list was developed to meet the requirements of Section 40 of the Natural Environment and Rural Communities Act (2006). The list is derived, almost wholly, from the 2007 revised list of UK BAP priority species. (So called 'research only' moth species have been excluded from the report.) The section 41 list is used to guide decision-makers such as public bodies, including local and regional authorities, in implementing their duty under section 40 of the Natural Environment and Rural Communities Act 2006 'to have regard' to the conservation of biodiversity in England, when carrying out their normal functions. In particular:

- Regional Planning Bodies and Local Planning Authorities must use it to identify the species that should be afforded priority when applying the requirements of National Planning Policy Framework (NPPF) to maintain, restore and enhance species and habitats.

- Local Planning Authorities must use it to identify the species that require specific consideration in dealing with planning and development control, recognising that under NPPF the aim of planning decisions should be to minimise impacts on biodiversity and geodiversity.
- All Public Bodies must use it to identify species that should be given priority when implementing the NERC Section 40 duty.

The following tables detail the NERC Section 41 species that were recorded in the search area.

Group	Common Name	Scientific Name	Records	Dates	Designations
terrestrial mammal	Bats	<i>Chiroptera</i>	5	1992-2014	Sect.41
	Brown Long-eared Bat	<i>Plecotus auritus</i>	13	1933-2014	Sect.41
	Long-eared Bat species	<i>Plecotus</i>	1	1933	Sect.41
	Noctule Bat	<i>Nyctalus noctula</i>	18	1980-2014	Sect.41
	Pipistrelle Bat species	<i>Pipistrellus</i>	31	1980-2014	Sect.41
	Soprano Pipistrelle	<i>Pipistrellus pygmaeus</i>	11	2014-2015	Sect.41
	Unidentified Bat	<i>Myotis</i>	24	1992-2015	Sect.41

Desig. Code	Desig. Name	Designation Description
Sect.41	Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41)	Species "of principal importance for the purpose of conserving biodiversity" covered under section 41 (England) of the NERC Act (2006) and therefore need to be taken into consideration by a public body when performing any of its functions with a view to conserving biodiversity.

Interpretation and caveats

Merseyside BioBank records included

All relevant non-confidential records managed by Merseyside BioBank which intersect the search area are included in this report, except where excluded by one or more of the conditions described in the rest of this section.

NBN Gateway records included

All relevant records available to Merseyside BioBank from the NBN Gateway are included in this report, except where excluded by one or more of the conditions described in the rest of this section. NBN Gateway records are accessed live *via* web-services at the time of report generation.

Merseyside BioBank often has access to NBN records at higher resolution than the standard 'public' access. These records have been downloaded and used with the permission of the data providers, but are subject to normal NBN Gateway terms and conditions. You must not use them beyond the specific purposes for which this report was provided to you and you must adhere, at all times, to the NBN Gateway terms and conditions.

Record location and dates

If a record can only be located to a relatively low precision (e.g. 1 km or 2 km square), then it is possible that the unrecorded precise location of the animal or plant might have been outside of the search area. Sometimes the location name column can be useful in deciding whether or not this was likely to have been the case. In records from our own database, we have replaced all digits with the '#' character in the location field to people's privacy where addresses have been used as location names.

Records which are only available to us at less than 2 km square (tetrad) precision are excluded from the report. We report dates at the highest precision available to us. Records for which no date is available are excluded from the report.

Absence of records and 'negative records'

The absence of biological records for an area, or the presence of 'negative records', is not proof that taxa are not present.

Duplicate records

Although we do our very best to avoid reporting the same record more than once ('duplicate records') this is sometimes unavoidable for records that have entered the biological records network *via* more than one route. In particular, there may be some record duplication between records from Merseyside BioBank's database and records from the NBN Gateway datasets (though, of course, we do not report on NBN Gateway records which originate from Merseyside BioBank).

Validity of records

Whilst Merseyside BioBank continually strives to verify the records that we manage, we accept no responsibility for any errors subsequently discovered. Merseyside BioBank accepts no responsibility for errors in data derived from the NBN Gateway.

Please note that if this is a commercial data request you will be invoiced by **Sefton Borough Council**, which is the hosting authority for Merseyside BioBank LRC.

Appendix 1: Terms and conditions of use

Merseyside BioBank receives data from a variety of sources, from large organisations to amateur naturalists. With Merseyside BioBank operating as custodians, these individuals and groups, who provide their records free of charge, retain copyright on their data.

All data passed to a third party (users) by Merseyside BioBank are subject to these access terms and conditions. Non-adherence to these terms and conditions will be viewed as a breach of contract, which may result in legal redress being sought.

1. Users agree that data released by Merseyside BioBank, in any format and on any media, will only be used for the purpose for which it was originally requested and for any time period originally agreed upon (See note 3 below).
2. Users agree that data released by Merseyside BioBank will not be added to any permanent database system (electronic or paper based) unless by written agreement with Merseyside BioBank.
3. Users understand that following the end of the agreed time period, or 12 months from the enquiry date, the received data must be deleted from any electronic system (See note 2 above). Use of the data beyond this period must be preceded by a further request to Merseyside BioBank.
4. Users agree that data retrieved from Merseyside BioBank will not be passed on to or communicated with third parties except as aggregated data within reports, or as anonymised data in the form of maps etc., which constitute a part of the agreed reason for the original enquiry.
5. Merseyside BioBank disclaims any responsibility for the accuracy of the information within its reports and accepts no liability for any result of using these data.
6. Any biological record is specific to the date of the recording and does not necessarily imply the continuance of the species at that site.
7. The lack of species and/or habitat information for a geographically defined area does not necessarily imply a low biodiversity value for that area. It may simply be unrecorded.
8. While the information from Merseyside BioBank in itself will remain free, Merseyside BioBank reserves the right to charge a reasonable fee to cover administration and a proportion of overheads as detailed in our charging policy.
9. A copy of any report, or other product, produced using the data from Merseyside BioBank would be gratefully received if provided without cost.
10. Merseyside BioBank must be acknowledged within any report, or other product produced, using data provided by Merseyside BioBank.

Appendix 2: Full species records

The following records for protected, BAP, red-listed, notable, invasive and Bats were found to intersect the search area. (Appendix 3 includes a map to show the location of 1 km and tetrad grid references.) The source of each record is shown in the final column (BioBank = Merseyside BioBank; NBN = NBN Gateway).

GridRef	Location Name	Common Name	Scientific Name	Group	Abundance or Status	Date	Comment	Source
SJ377867	Merseyside, Liverpool, Sefton Park, Boating Lake	Bats	<i>Chiroptera</i>	terrestrial mammal	1 Count of in flight	27/05/1992	Flying High and circling. weather warm, dry and windy	2
SJ377867	Liverpool, Sefton Park	Bats	<i>Chiroptera</i>	terrestrial mammal		27/05/1992		4
SJ377873	Merseyside, Liverpool, Sefton Park,	Bats	<i>Chiroptera</i>	terrestrial mammal	3 Count of in flight	23/09/1993	2 or 3 bats seen flying along the banks of sefton park boating lake at 8.15pm	2
SJ381874	Park Avenue	Bats	<i>Chiroptera</i>	terrestrial mammal	Present Count of possible roost	08/07/2014		1
SJ38818678	Sudley House Park, Liverpool	Bats	<i>Chiroptera</i>	terrestrial mammal	Present Count of Roost Potential	17/02/2014	High bat roost potential in trees.	3
SJ375875	Merseyside, Liverpool, Sefton Park	Brown Long-eared Bat	<i>Plecotus auritus</i>	terrestrial mammal	1 Count of dead	02/10/1933	Record from Lancs & Chesh. Fauna Committee Annual Report XX. One male found dead	2
SJ3787	Sefton Park	Brown Long-eared Bat	<i>Plecotus auritus</i>	terrestrial mammal	1 Count of Male	02/10/1933	1 Female found dead. Compiled by CJB from Lanc and cheshire fauna committee annual report 20.	6
SJ3787	Merseyside, Liverpool, Sefton Park	Brown Long-eared Bat	<i>Plecotus auritus</i>	terrestrial mammal	1 Count of in flight	1936	Record in the Liverpool post newspaper	2
SJ3787	Sefton Park	Brown Long-eared Bat	<i>Plecotus auritus</i>	terrestrial mammal		1936	Sight record.	6
SJ3787	Merseyside, Liverpool, Sefton Park	Brown Long-eared Bat	<i>Plecotus auritus</i>	terrestrial mammal	1 Count of in flight	1945	Common in 1945, record from the Merseyside Naturalists' association, vol. iv 1945	2
SJ3787	Liverpool, Sefton Park	Brown Long-eared Bat	<i>Plecotus auritus</i>	terrestrial mammal		1945		4
SJ3840988277	Greenbank Park	Brown Long-eared Bat	<i>Plecotus auritus</i>	terrestrial mammal	1 Count	2014	Occasional BLE Bats recorded in the north end of Greenbank Park between June - September 2014	7
SJ384868	Kelton Convent	Brown Long-eared Bat	<i>Plecotus auritus</i>	terrestrial mammal	Present Count of singing/mating calls	04/09/2014		5
SJ384868	Kelton Convent	Brown Long-eared Bat	<i>Plecotus auritus</i>	terrestrial mammal	Present Count of in flight	09/08/2014		5

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SJ384868	Kelton Convent	Brown Long-eared Bat	<i>Plecotus auritus</i>	terrestrial mammal	Present Count of in flight	10/09/2014		5
SJ384868	Kelton Convent	Brown Long-eared Bat	<i>Plecotus auritus</i>	terrestrial mammal	Present Count of in flight	10/09/2014		5
SJ384868	Kelton Convent	Brown Long-eared Bat	<i>Plecotus auritus</i>	terrestrial mammal	Present Count of in flight	13/08/2014		5
SJ384868	Kelton Convent	Brown Long-eared Bat	<i>Plecotus auritus</i>	terrestrial mammal	Present Count of in flight	24/07/2014		5
SJ365866	Ex Festival Gardens, Liverpool	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	6-20 Count	10/05/2004		10
SJ365866	Ranger station, Festival Gardens LWS, Liverpool	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count	14/08/2015		9
SJ365866	Festival Gardens LWS, Liverpool	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	3 Count	14/08/2015	Continuous feeding over pond	9
SJ3686	Liverpool, Garden Festival Site	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	3 Count of Adult	08/05/2015		8
SJ3686	Liverpool Festival Gardens, Woodland	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	2 Count	08/05/2015	Identified with bat detector, at a night time bat walk/ transect	9
SJ3686	Liverpool, Festival Garden Site	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	3+ Count of Adult	08/05/2015		8
SJ3686	Liverpool, Garden Festival Site	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	5 Count of Adult	14/08/2015		8
SJ371879	# Linnet Lane, Aigburth, Liverpool L17	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	51-100 Count	10/06/2005		10
SJ376877	Sefton Park, Liverpool	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	4 Count	08/05/2010		11
SJ377874	Sefton Park, Liverpool	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	3 Count	08/05/2010		11
SJ3787	Sefton Park, Liverpool	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	1 Count	07/05/2010		11
SJ380875	Sefton Park, Liverpool	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	1 Count	08/05/2010		11
SJ381874	Park Avenue	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	9 Count of pass	03/09/2014		1
SJ381874	Park Avenue	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	5 Count of pass	03/09/2014		1
SJ381874	Park Avenue	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	91 Count of pass	06/08/2014		1
SJ381874	Park Avenue	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	12 Count of pass	16/07/2014		1
SJ381874	Park Avenue	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	83 Count of pass	25/06/2014		1
SJ381874	Park Avenue	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	10 Count of pass	30/07/2014		1

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SJ381874	Park Avenue	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	14 Count of pass	30/07/2014		1
SJ381874	Park Avenue	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	11 Count of pass	30/07/2014		1
SJ381874	Park Avenue	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	4 Count of pass	30/07/2014		1
SJ381874	Park Avenue	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	3 Count of pass	30/07/2014		1
SJ384318 8001	greenbank house, greenbank lane	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	25+ Count of Roost	01/08/2014	maternity roost	7
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of in flight	04/09/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of in flight	04/09/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of in flight	04/09/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of feeding	04/09/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of feeding	04/09/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of feeding	04/09/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of feeding	04/09/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of feeding	04/09/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of feeding	04/09/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of feeding	04/09/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of in flight	04/09/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of feeding	04/09/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count	04/09/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of singing/mating calls	04/09/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of in flight	04/09/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of feeding	09/08/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of feeding	09/08/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of in flight	09/08/2014		5

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SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of in flight	09/08/2014		5
SJ384868	Kelton ConventSJ384870	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count	09/08/2014		5
SJ384868	Kelton ConventSJ384868	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of in flight	09/08/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of feeding	09/08/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of in flight	09/08/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of in flight	09/08/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of in flight	09/08/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of feeding	09/08/2014		5
SJ384868	Kelton ConventSJ384870	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of in flight	10/09/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of in flight	10/09/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of in flight	10/09/2014		5
SJ384868	Kelton ConventSJ384871	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count	10/09/2014		5
SJ384868	Kelton ConventSJ384873	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count	10/09/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of in flight	10/09/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of feeding	10/09/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of feeding	10/09/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of in flight	10/09/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of feeding	10/09/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of feeding	10/09/2014		5
SJ384868	Kelton ConventSJ384869	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count	10/09/2014		5
SJ384868	Kelton ConventSJ384874	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of in flight	10/09/2014		5
SJ384868	Kelton ConventSJ384872	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of feeding	10/09/2014		5

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SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count	10/09/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of feeding	13/08/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of feeding	13/08/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of in flight	13/08/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of feeding	13/08/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of feeding	13/08/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of feeding	13/08/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of in flight	13/08/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of in flight	13/08/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of feeding	13/08/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of feeding	13/08/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	1 Count of Present	13/08/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of feeding	13/08/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	1 Count of Present	13/08/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of feeding	13/08/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of feeding	13/08/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of in flight	13/08/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of in flight	13/08/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of in flight	13/08/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of in flight	13/08/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of feeding	13/08/2014		5

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SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of in flight	13/08/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of feeding	24/07/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of feeding	24/07/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of feeding	24/07/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of feeding	24/07/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of feeding	24/07/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of feeding	24/07/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of feeding	24/07/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of feeding	24/07/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of feeding	24/07/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of feeding	24/07/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of feeding	24/07/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of feeding	24/07/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of feeding	24/07/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of feeding	24/07/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of feeding	24/07/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of feeding	24/07/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of feeding	24/07/2014		5
SJ384868	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of feeding	24/07/2014		5
SJ384869	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of singing/mating calls	10/09/2014		5
SJ384869	Kelton Convent	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of feeding	10/09/2014		5
SJ365866	Festival Gardens LWS, Liverpool	Daubenton's Bat	<i>Myotis daubentonii</i>	terrestrial mammal	1 Count	14/08/2015	Over pond	9
SJ365866	Festival Gardens LWS, Liverpool	Daubenton's Bat	<i>Myotis daubentonii</i>	terrestrial mammal	1 Count	14/08/2015		9
SJ3686	Liverpool, Garden Festival Site	Daubenton's Bat	<i>Myotis daubentonii</i>	terrestrial mammal	1 Count of Adult	14/08/2015		8
SJ3787	Merseyside, Liverpool, Sefton Park	Daubenton's Bat	<i>Myotis daubentonii</i>	terrestrial mammal	<1 Count of in flight	14/05/1981	Large numbers seen and heard over lake	2

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SJ3787	Sefton Park - over lake	Daubenton's Bat	<i>Myotis daubentonii</i>	terrestrial mammal	25+ Count of Adult	14/05/1981	Large numbers heard and seen with the aid of a bat recorder.	6
SJ3787	Liverpool, Sefton Park	Daubenton's Bat	<i>Myotis daubentonii</i>	terrestrial mammal		14/06/1980		4
SJ3787	Merseyside, Liverpool, Sefton Park	Daubenton's Bat	<i>Myotis daubentonii</i>	terrestrial mammal	<1 Count of in flight	14/06/1980	Large numbers heard with the aid of a bat detector	2
SJ3787	Sefton Park - over lake	Daubenton's Bat	<i>Myotis daubentonii</i>	terrestrial mammal	25+ Count of Adult	14/06/1980	Large numbers heard with the aid of a bat recorder.	6
SJ385028 8188	Greenbank Park	Daubenton's Bat	<i>Myotis daubentonii</i>	terrestrial mammal	25+ Count	01/08/2014	Present feeding over greenbank park lake between June and October 2014, with the highest count of at least 25 individuals counted in mid-August	7
SJ3787		Long-eared Bat species	<i>Plecotus</i>	terrestrial mammal		14/08/1933		18
SJ384938 8267	Greenbank Park	Nathusius's Pipistrelle	<i>Pipistrellus nathusii</i>	terrestrial mammal	1 Count	21/09/2014	1 bat located feeding along a tree line in Greenbank Park in September 2014	7
SJ365866	Ex Festival Gardens, Liverpool	Noctule Bat	<i>Nyctalus noctula</i>	terrestrial mammal	1 Count	10/05/2004		10
SJ377867	Merseyside, Liverpool, Sefton Park	Noctule Bat	<i>Nyctalus noctula</i>	terrestrial mammal	<1 Count of in flight	27/05/1992	Bats seen flying over water and in park, flying high over the water and circling	2
SJ3787	Sefton Park	Noctule Bat	<i>Nyctalus noctula</i>	terrestrial mammal	1 Count	01/06/2009		14
SJ3787	Sefton Park	Noctule Bat	<i>Nyctalus noctula</i>	terrestrial mammal		11/08/2010	Time: 21:24-22:45, Cloud: partial, Wind: light, Rain: dry, Temp: 16	13
SJ3787	Sefton Park	Noctule Bat	<i>Nyctalus noctula</i>	terrestrial mammal	4 Count	11/09/2007	Time: 20:12-21:39, Cloud: patchy, Wind: calm, Rain: dry, Temp: 19.5	12
SJ3787	sefton park	Noctule Bat	<i>Nyctalus noctula</i>	terrestrial mammal	4 Count of in flight	11/09/2007		2
SJ3787	Sefton Park - over lake	Noctule Bat	<i>Nyctalus noctula</i>	terrestrial mammal	25+ Count of Adult	14/05/1981	Large numbers seen and heard with aid of a bat recorder.	6
SJ3787	Merseyside, Liverpool, Sefton Park	Noctule Bat	<i>Nyctalus noctula</i>	terrestrial mammal	<1 Count of in flight	14/06/1980	Large numbers heard with the aid of a bat detector	2
SJ3787	Liverpool, Sefton Park	Noctule Bat	<i>Nyctalus noctula</i>	terrestrial mammal		14/06/1980		4
SJ3787	Sefton Park - over lake	Noctule Bat	<i>Nyctalus noctula</i>	terrestrial mammal	25+ Count of Adult	14/06/1980	Large numbers heard with aid of a bat recorder.	6
SJ3787	Merseyside, Liverpool, Sefton Park	Noctule Bat	<i>Nyctalus noctula</i>	terrestrial mammal	<1 Count of in flight	16/09/1989	Bats briefly glimpsed at and picked up on detectors	2
SJ3787	Sefton Park	Noctule Bat	<i>Nyctalus noctula</i>	terrestrial	5 Count	30/08/2007	Time: 20:37-21:50, Cloud: full, Wind:	12

				mammal			breezy, Rain: dry, Temp: 16	
SJ3787	sefton park	Noctule Bat	<i>Nyctalus noctula</i>	terrestrial mammal	5 Count of in flight	30/08/2007		2
SJ381874	Park Avenue	Noctule Bat	<i>Nyctalus noctula</i>	terrestrial mammal	3 Count of pass	25/06/2014		1
SJ384868	Kelton Convent	Noctule Bat	<i>Nyctalus noctula</i>	terrestrial mammal	Present Count of in flight	24/07/2014		5
SJ384869	Kelton Convent	Noctule Bat	<i>Nyctalus noctula</i>	terrestrial mammal	Present Count of in flight	24/07/2014		5
SJ385068 8121	Greenbank Park	Noctule Bat	<i>Nyctalus noctula</i>	terrestrial mammal	2 Count	01/06/2014	2 bats feeding over greenbank park lake at dusk	7
SJ38X		Noctule Bat	<i>Nyctalus noctula</i>	terrestrial mammal		1987		19
SJ367881	Princes Park, Liverpool	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal		11/07/1991	Died in captivity. Record from dead specimens at museum.	15
SJ385238 7984	Greenbank halls of residence	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	4 Count of Roost	01/08/2014	4 common pips roosting in the roof space of the wardens lodge, UoL Greenbank Lane	7
SJ385468 8077	Greenbank Park	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	3 Count of Roost	01/07/2014	bat roost in beneath ivy (possibly within the wall) on walled garden wall	7
SJ3986	Otterspool Park, Otterspool, Liverpool, Merseyside	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	1 Count of Present	1985		16
SJ3986		Pipistrelle	<i>Pipistrellus pipistrellus sensu lato</i>	terrestrial mammal		30/04/1985		18
SJ3687	Merseyside, Liverpool, Toxteth, Winsor st./North Hill st	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	1 Count of in flight; P Count of Roost Potential	28/06/1990	1-2 bats seen on a number of evenings in past 2 weeks, possible roost in mature tree or in police station. bat seen foraging around sodium street lamps	2
SJ3687	Toxteth, Winsor Street	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal		28/06/1990		4
SJ3688	Merseyside, Liverpool, Toxteth, Princes avenue	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	1 Count of dead	11/07/1991	pipistrelle bat, died in captivity, found 11.7.91. donated to museum on 7.7.93, accession number 1994.101.	2
SJ3688	Toxteth, Princes Avenue	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal		11/07/1991		4
SJ377857	Otterspool Promenade	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	1 Count	22/11/2014		17
SJ3787	Sefton Park	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	12 Count	01/06/2009		14
SJ3787	Sefton Park	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal		01/08/2010	Time: 21:40-23:00, Cloud: patchy, Wind: light, Rain: dry, Temp 12	13
SJ3787	sefton park	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial	7 Count of in flight	08/08/2007		2

				mammal				
SJ3787	Sefton Park	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	7 Count	08/08/2007	Time: 20:55-22:03, Cloud: patchy, Wind: light, Rain: dry, Temp: 14.5	12
SJ3787	Sefton Park	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal		11/08/2010	Time: 21:24-22:45, Cloud: partial, Wind: light, Rain: dry, Temp: 16	13
SJ3787	sefton park	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	11 Count of in flight	11/09/2007		2
SJ3787	Sefton Park	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	11 Count	11/09/2007	Time: 20:12-21:39, Cloud: patchy, Wind: calm, Rain: dry, Temp: 19.5	12
SJ3787	Sefton Park - over lake	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	25+ Count of Adult	14/05/1981	Large numbers heard and seen with the aid of a bat recorder.	6
SJ3787	Merseyside, Liverpool, Sefton Park	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	<1 Count of in flight	14/05/1981	Large numbers heard with the aid of a bat detector	2
SJ3787	Merseyside, Liverpool, Sefton Park	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	<1 Count of in flight	14/06/1980	Large numbers heard with the aid of a bat detector	2
SJ3787	Sefton Park - over lake	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	25+ Count of Adult	14/06/1980	Large numbers heard with the aid of a bat recorder.	6
SJ3787	Liverpool, Sefton Park	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal		14/06/1980		4
SJ3787	Sefton Park	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal		14/06/2010	Time: 22:12-23:30, Cloud: patchy, Wind: light, Rain: dry, Temp: 12	13
SJ3787	sefton park	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	15 Count of in flight	15/07/2007		2
SJ3787	Sefton Park	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	15 Count	15/07/2007	Time: 22:20-23:20, Cloud: full, Wind: calm, Rain: drizzle, Temp: 16	12
SJ3787	Merseyside, Liverpool, Sefton Park	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	<1 Count of in flight	16/09/1989	M.W.L.B.G junior meeting, bats briefly glimpsed at and picked up on detectors, wet drizzly weather	2
SJ3787	Sefton Park	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal		21/08/2010	Time: 20:57-21:15, Cloud: clear, Wind: still, Rain: dry, Temp: 14	13
SJ3787	sefton park	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	6 Count of in flight	27/09/2007		2
SJ3787	Sefton Park	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	6 Count	27/09/2007	Time: 19:31-20:40, Cloud: patchy, Wind: light, Rain: dry, Temp: 14	12
SJ3787	Sefton Park	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal		30/06/2010	Time: 22:15-23:30, Cloud: clear, Wind: light, Rain: dry, Temp: 13	13
SJ3787	sefton park	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	6 Count of in flight	30/07/2007		2
SJ3787	Sefton Park	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	6 Count	30/07/2007	Time: 21:40-22:45, Cloud: clear, Wind: light, Rain: dry, Temp: 16	12
SJ3787	sefton park	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial	4 Count of in flight	30/08/2007		2

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				mammal				
SJ3787	Sefton Park	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	4 Count	30/08/2007	Time: 20:37-21:50, Cloud: full, Wind: breezy, Rain: dry, Temp: 16	12
SJ3888	Merseyside, Liverpool, Crawford Avenue	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	1 Count of dead	24/07/1996	pipistrelle bat, wing amputated locally but later pts by dolgelau vet, who subsequently became trained in bat veterinary work with andy routh, donated to museum on 10.9.1996	2
SJ3888	Liverpool, Crawford Avenue	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal		24/07/1996		4
SJ365866	Ranger station, Festival Gardens LWS, Liverpool	Soprano Pipistrelle	<i>Pipistrellus pygmaeus</i>	terrestrial mammal	Present Count	14/08/2015		9
SJ365866	Festival Gardens LWS, Liverpool	Soprano Pipistrelle	<i>Pipistrellus pygmaeus</i>	terrestrial mammal	1 Count	14/08/2015	flying over pond	9
SJ365866	Ranger station, Festival Gardens LWS, Liverpool	Soprano Pipistrelle	<i>Pipistrellus pygmaeus</i>	terrestrial mammal	Present Count	14/08/2015		9
SJ365866	Festival Gardens LWS, Liverpool	Soprano Pipistrelle	<i>Pipistrellus pygmaeus</i>	terrestrial mammal	1 Count	14/08/2015	flying over pond	9
SJ3686	Liverpool, Garden Festival Site	Soprano Pipistrelle	<i>Pipistrellus pygmaeus</i>	terrestrial mammal	2 Count of Adult	08/05/2015		8
SJ3686	Liverpool, Festival Garden Site	Soprano Pipistrelle	<i>Pipistrellus pygmaeus</i>	terrestrial mammal	2+ Count of Adult	08/05/2015		8
SJ3686	Liverpool, Garden Festival Site	Soprano Pipistrelle	<i>Pipistrellus pygmaeus</i>	terrestrial mammal	5 Count of Adult	14/08/2015		8
SJ381874	Park Avenue	Soprano Pipistrelle	<i>Pipistrellus pygmaeus</i>	terrestrial mammal	11 Count of pass	06/08/2014		1
SJ381874	Park Avenue	Soprano Pipistrelle	<i>Pipistrellus pygmaeus</i>	terrestrial mammal	2 Count of pass	30/07/2014		1
SJ384728 8058	Greenbank Park	Soprano Pipistrelle	<i>Pipistrellus pygmaeus</i>	terrestrial mammal	4 Count	2014	regularly recorded in low numbers at the south end of greenbank park lake between june - october 2014.	7
SJ384868	Kelton Convent	Soprano Pipistrelle	<i>Pipistrellus pygmaeus</i>	terrestrial mammal	Present Count of in flight	13/08/2014		5
SJ364865	Liverpool Festival Gardens, Mill Pond	Unidentified Bat	<i>Myotis</i>	terrestrial mammal	present Count	08/05/2015	Identified over Mill pond	9
SJ3787	Sefton Park	Unidentified Bat	<i>Myotis</i>	terrestrial mammal	9 Count	01/06/2009		14
SJ3787	Sefton Park	Unidentified Bat	<i>Myotis</i>	terrestrial mammal		01/08/2010	Time: 21:40-23:00, Cloud: patchy, Wind: light, Rain: dry, Temp 12	13
SJ3787	sefton park	Unidentified Bat	<i>Myotis</i>	terrestrial mammal	10 Count of in flight	08/08/2007		2
SJ3787	Sefton Park	Unidentified Bat	<i>Myotis</i>	terrestrial	10 Count	08/08/2007	Time: 20:55-22:03, Cloud: patchy,	12

				mammal			Wind: light, Rain: dry, Temp: 14.5	
SJ3787	Sefton Park	Unidentified Bat	<i>Myotis</i>	terrestrial mammal		11/08/2010	Time: 21:24-22:45, Cloud: partial, Wind: light, Rain: dry, Temp: 16	13
SJ3787	sefton park	Unidentified Bat	<i>Myotis</i>	terrestrial mammal	8 Count of in flight	11/09/2007		2
SJ3787	Sefton Park	Unidentified Bat	<i>Myotis</i>	terrestrial mammal	8 Count	11/09/2007	Time: 20:12-21:39, Cloud: patchy, Wind: calm, Rain: dry, Temp: 19.5	12
SJ3787	Sefton Park	Unidentified Bat	<i>Myotis</i>	terrestrial mammal		14/06/2010	Time: 22:12-23:30, Cloud: patchy, Wind: light, Rain: dry, Temp: 12	13
SJ3787	sefton park	Unidentified Bat	<i>Myotis</i>	terrestrial mammal	9 Count of in flight	15/07/2007		2
SJ3787	Sefton Park	Unidentified Bat	<i>Myotis</i>	terrestrial mammal	9 Count	15/07/2007	Time: 22:20-23:20, Cloud: full, Wind: calm, Rain: drizzle, Temp: 16	12
SJ3787	Sefton Park	Unidentified Bat	<i>Myotis</i>	terrestrial mammal		21/08/2010	Time: 20:57-21:15, Cloud: clear, Wind: still, Rain: dry, Temp: 14	13
SJ3787	Sefton Park	Unidentified Bat	<i>Myotis</i>	terrestrial mammal	4 Count	27/09/2007	Time: 19:31-20:40, Cloud: patchy, Wind: light, Rain: dry, Temp: 14	12
SJ3787	sefton park	Unidentified Bat	<i>Myotis</i>	terrestrial mammal	4 Count of in flight	27/09/2007		2
SJ3787	sefton park	Unidentified Bat	<i>Myotis</i>	terrestrial mammal	18 Count of in flight	30/07/2007		2
SJ3787	Sefton Park	Unidentified Bat	<i>Myotis</i>	terrestrial mammal	18 Count	30/07/2007	Time: 21:40-22:45, Cloud: clear, Wind: light, Rain: dry, Temp: 16	12
SJ3787	sefton park	Unidentified Bat	<i>Myotis</i>	terrestrial mammal	7 Count of in flight	30/08/2007		2
SJ3787	Sefton Park	Unidentified Bat	<i>Myotis</i>	terrestrial mammal	7 Count	30/08/2007	Time: 20:37-21:50, Cloud: full, Wind: breezy, Rain: dry, Temp: 16	12
SJ3788	Merseyside, Liverpool, Sefton Park, Ullet Rd, Linnet House	Unidentified Bat	<i>Myotis</i>	terrestrial mammal	1 Count of in flight	1992	Early summer 1992, large numbers of bats seen flying behind the flats, appeared to be whiskered bats, could not see where they emerged from	2
SJ381874	Park Avenue	Unidentified Bat	<i>Myotis</i>	terrestrial mammal	3 Count of pass	06/08/2014		1
SJ384868	Kelton Convent	Unidentified Bat	<i>Myotis</i>	terrestrial mammal	Present Count of singing/mating calls	04/09/2014		5
SJ384868	Kelton Convent	Unidentified Bat	<i>Myotis</i>	terrestrial mammal	Present Count of singing/mating calls	04/09/2014		5
SJ384868	Kelton Convent	Unidentified Bat	<i>Myotis</i>	terrestrial mammal	Present Count of singing/mating calls	04/09/2014		5
SJ384868	Kelton Convent	Unidentified Bat	<i>Myotis</i>	terrestrial mammal	Present Count of feeding	13/08/2014		5

The following **NEGATIVE RECORDS** were found within the search area. Negative records show where particular species were actively searched for but no evidence of them was found. Negative records do not prove absence. Negative records may be contradicted by positive records. The source for all negative records in the Merseyside BioBank database.

GridRef	Location Name	Common Name	Scientific Name	Group	Abundance or Status	Date	Comment	Source
SJ381874	Park Avenue	Bats	<i>Chiroptera</i>	terrestrial mammal	0 Count of Roost	2014		1

Data sources/providers for the records in the table(s) above are given below. For records that are sourced from Merseyside BioBank's database, the type is 'BioBank' and the name of the dataset is given. For records that are sourced from the NBN Gateway, the type is 'NBN' and the name of the data provider is given.

Source key	Dataset or data provider	Type
1	Report Harvest 2016	BioBank
2	Merseyside & West Lancs Bat Group	BioBank
3	Gilbert21 Ben Deed General	BioBank
4	Liverpool Museum Bats	BioBank
5	Report Harvest 2015	BioBank
6	Mammal Society	BioBank
7	MBB Online - General	BioBank
8	Tony Parker General	BioBank
9	TBS General	BioBank
10	Stan Irwin Bats	BioBank
11	Merseyside & West Lancashire Mammal Group 2010	BioBank
12	Liver Bats Surveys 2007	BioBank
13	Liver Bats Surveys 2010	BioBank
14	Liver Bats Surveys 2009	BioBank
15	Liverpool Museum Mammal Day Book	BioBank
16	Cheshire rECOrd Overlap	BioBank
17	MBB Online - Bats	BioBank
18	Biological Records Centre	NBN
19	Derbyshire Biological Records Centre	NBN



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Appendix 3: Maps

The following page(s) include maps to illustrate some of the results of your data request. They should be viewed in the context of the results supplied in the main body of the report.

The Ordnance Survey mapping included in the maps provided by Merseyside BioBank under Sefton Council's licence from Ordnance Survey. These maps are provided to assist decision-makers in the effective and sustainable management of land, species and habitats. Ordnance Survey should be contacted directly if any of these maps are to be used in another document.

