

Extended Phase One Habitat Survey (Preliminary Ecological Appraisal)

Whittle Close Liverpool.
Prepared for: FCH

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- Appendix 2 Site Vascular plant list
- Appendix 3 LRC data

1. Introduction

1.1 Background to the project

The client proposes the re development of the site, the details of which are not known to us.

1.2 Site Location and Context

The site is situated off in an urban area of Liverpool and consists of scattered trees, amenity grassland, a building (substation) and hard standings (footways and roads).

1.3 Report purpose

To prepare a Preliminary Ecological Assessment or Extended Phase One Habitat Survey for the development site following CIEEM guidelines (*Guidelines for Preliminary Ecological Appraisal, April 2013*). The purpose of the report is to provide information relating to the location, extent and distribution and impact on the conservation of wild plants and animals and natural and semi natural habitats affected by development. This report sets out the methods, results and recommendations arising from the above work.

1.3.1 Surveyor information

Simon Brain has attained a Post Graduate Certificate in Biological Recording and has attended residential FSC Field Courses for Land mammal identification, Songbird identification, Barn Owls (CIEEM) and Advanced Bird Survey Techniques (Level M). He holds a NE Class 2 bat license (17334-CLS).

2. Desk Study

2.1 Methodology

The desk study collated information on designated statutory and non-statutory wildlife sites within 1km search radii around the proposed development site.

Information on designated sites and legally protected/notable species records were obtained from the Local Records Centre (BIOBANK) and <http://www.natureonthemap.naturalengland.org.uk/MagicMap.aspx>. The sites grid reference used for the data search is SJ35069292 and the results are contained in Appendix 3 and in section 2.2 below.

2.2 Designated sites, species and habitats - Results Overview

The desktop data search has confirmed the following; Melrose Cutting LWS lies 0.4 km from site and the LWS for the Leeds – Liverpool Canal is located 0.35km from site. Both sites are current and proposed LWS. Everton Park nature garden is a potential LWS site and is located approximately 0.7km from site. There are nine Local Geological Sites within the 1km, Netherfield Rd N is the closest <0.1km from site. Approximately 1 km from site are the Mersey Estuary Nature Improvement Area

Non-statutory designations include Community Forest. Isolated Priority Habitat (woodland) exists within the 1km search areas, mud flats are present on the edge of the 1km search areas. Avian species are dominated by grassland and arable assemblages including Curlew and Lapwing. Three separate EPS license applications have been granted by Natural England for Bat species the closest was 0.4km north for Common Pipistrelle

RECORD has confirmed many species within their 1km search area which includes many Bat species, Hedgehog, Song Thrush, Smooth Newt and several non-native invasive plants (listed under the Wildlife and Countryside Act Schedule 9). Other notable and/or protected taxa include avian species which include Red and Amber Birds of Conservation Concern such as; Linnet and Mistle thrush. Vascular plants include native Bluebell and invasive non-native vascular plants include Bluebell (non-native) and Rosa rugosa.

3. Extended Phase One Habitat Survey

3.1 Methodology and survey results

The site was visited on the 25th January 2018 and a survey of the site was conducted using the Joint Nature Conservation Committee (JNCC) Handbook for Phase 1 habitat survey 2010. Distinct habitats were identified and any features of particular nature conservation interest or habitat areas that were too small to map were subject to a more detailed description in a Target Note (TN) and contained in Appendix 1 – Extended Phase 1 Habitat Survey Mapping and Appendix 2 – Vascular Plant Site List. Habitat coding identified within the survey are listed below and shown on the Habitat Plan.

3.1.2. Vascular Plants and Habitat

Habitat Code	Dominant species	Less frequent species
A.3.1. Broadleaf trees	Populus candescens Prunus padus Alnus glutinosa	Sorbus acuparia Fraxinus excelsior
J.1.2 Amenity grassland	Trifolium repens Lolium perenne	Festuca rubra Ranunculus repens Plantago major Poa annua

3.1.3 Protected and Notable Species (Mammals)

Water Voles

The habitat on the site does not contain running water or managed vegetated banking's and this species is considered absent from site and the development is unlikely to have any impact on the species.

Bat species

Bats are comprehensively protected under European legislation. LRC have a confirmed numerous Chiroptera species records within the 1km study area.

There are is a single substation on the site that has potential for roosting bats. The wider grassland and scattered tree habitat is suitable for foraging and / or roosting bats given its size, age and the height ranges of tree species.

Badgers

Badgers are protected under Schedule 6 of the Wildlife and Countryside Act 1981, and under the Protection of Badgers Act 1992, which prohibits deliberate interference with the animal or its sett. A standard badger survey was undertaken making checks site and in the immediate site margins. For example up to 15m+ from site was checked for signs for field signs of Badger (hair, tracks, prints, dropping or latrines) and none were recorded.

Hedgehog

Field signs of this species were checked such as droppings and footprints during the walkover survey and none were found. The habitat is sub optimal for hedgehog given its landlocked nature.

3.1.4 Amphibians

There is no aquatic breeding habitat associated with the site and the site is entirely land locked.

3.1.5 Birds

All birds with only minor exceptions are protected under the Wildlife and Countryside Act (1981), as amended. It is also an offence to disturb birds whilst nesting or displaying breeding behaviour, during the breeding season.

3.1.6 Vascular Plants

No non-native invasive (WCA Schedule 9) vascular plants were found. No IUCN listed, BAP or other notable plants were identified.

3.1.7 Reptiles

There is little or no suitable habitat for reptiles and no records from the LRC data have been provided.

3.2. Constraints to the Surveys

The timing of the site visit was sub optimal for all species and habitats to be identified within the framework of a Phase 1 survey.

4. Summary/Impact and Recommendations

4.1 Summary – Protected habitats

The surveys have confirmed that the site does not support habitats protected under Section 41 of the Natural Environment and Rural Communities (*NERC*) Act 2006 - Habitats and Species of Principal Importance in England.

Summary - Protected species

No evidence of protected species was recorded on site. The site has potential to support breeding birds and has a potential for bats to be either roosting or commuting/feeding on the site within the habitat or roosting in scattered trees / buildings. No evidence of hedgehog was found on site or its immediate site margins. There are no protected higher plants species present during the survey and no non-native invasive plants were identified.

Summary – Protected sites

There are no protected sites (statutory or non-statutory) within the boundaries of the site.

Impact. The appraisal will be required for the site to determine development impact when development is known.

4.2 Recommendations for protected species

4.2.1 Mammals

Bats. A Bat Roost Assessment is needed for the existing substation (should it be removed during development) which needs to include an assessment of trees to be removed for Preliminary Roost Features (PRF) prior to a planning application being made

Badger/hedgehog/Water Vole. No further surveys are required for these species.

4.2.2 Amphibians

Great Crested Newt. An Amphibian Appraisal will be required for the site.

4.2.3 Avian

A precautionary breeding bird survey will be required prior to any tree removal or pruning works to check the areas of removal for breeding birds within the breeding bird season (April – October inclusive). This may require hand searching and dawn observations depending upon the time of year.

4.2.4 Vascular Plants

No other further surveys are required for Vascular Plants and no non-native plants exist on site.

5. Mitigation / Enhancement measures

5.1 Mitigation and enhancement measures

Mitigation applies to works required to comply with legislation when developing land where protected species reside or protected habitats are being lost. Enhancement relates to biodiversity improvements often made under the National Planning Policy Framework.

At present there is no evidence of protected species on the site. This is however subject to completion of further survey works as indicated in section 4.2 in respect of further site inspection for Bats. Should protected species be found on the site then mitigation measures shall be required. Until further surveys are completed mitigation cannot be confirmed.

Habitats and species/ enhancement measures

The following enhancement measures are site specific

- Species specific nest boxes for birds such as Starling and House Sparrow. Sparrow terrace nest boxes could be affixed to the new properties and Starling nest boxes shall be fixed to trees
- A landscaping scheme shall focus on the installation of a native, nectar rich, native tree and shrub species of local provenance. These are recommended in preference to non-native, ornamental species. Planting of tree and shrub species that support a high insect biomass and provide a potential food source such as rowan, silver birch, alder buckthorn, dogwood, crab apple and wild plum are recommended. The site is largely devoid of fruit trees.


Appendix 1 Extended Phase 1 Habitat Survey Map

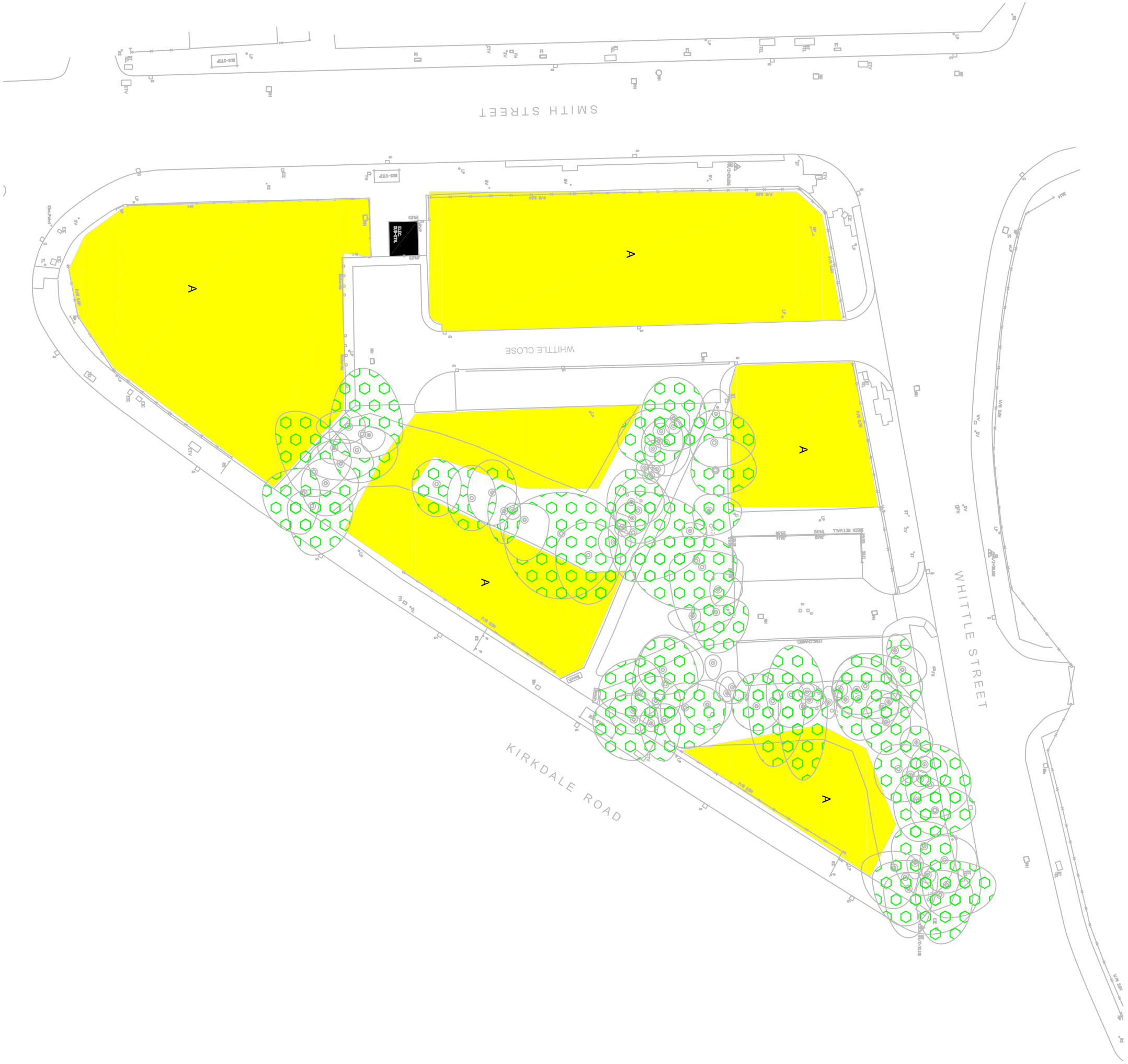
PHASE ONE HABITAT MAP

KEY

 A.3.1 Parkland scattered trees

 J1.2 Amenity Grassland

 J3.6 Building



Client:
FCH

Project:
Whittle St

Detail:
Phase One Habitat Map

Drawn By: Date: Scale:
SB 26 01 18 NTS

Dwg No: Revision:
TR-01 V1

Appendix 2 Site Vascular plant list

Acer platanoides
Acer pseudoplatanus
Acer saccharinum
Aesculus hippocastanum
Alnus glutinosa
Betula pendula
Chamerion angustifolium
Cirsium arvense
Cytisus sp
Euphorbia repens
Festuca rubra
Fraxinus excelsior
Galium aparine
Hedera helix
Hippuris vulgaris
Ilex aquafolium
Lolium perenne
Ligustrum vulgare
Plantago major
Prunus padus
Poa annua
Populus canescens
Rumex acetosa
Ranunculus repens
Rubus agg.
Taraxacum officinale
Trifolium repens



Biodiversity Information Report 24/01/2018

**MBB reference: 2455-AmenityTree
Site: Whittle Street**

Your Ref: None supplied
Your contact: Simon Brain

MBB Ref: 2455-AmenityTree
MBB Contact: Ben Deed

Date: 24/01/2018

Merseyside BioBank biodiversity information report

These are the results of your data request relating to **an area at Whittle Street defined by a buffer of 2000 metres around a site described by a boundary you supplied to us (at SJ35069292).**

You have been supplied with the following:

- records of **protected** taxa that intersect the search area
- records of **BAP** taxa that intersect the search area
- records of **Red Listed** taxa that intersect the search area
- records of other '**notable**' taxa that intersect the search area
- records of WCA schedule 9 taxa (including '**invasive plants**') that intersect the search area
- a map showing the location of monad and tetrad references that overlap the search area
- a list of all **designated sites** that intersect your search area
- citations, where available, for intersecting Local Wildlife Sites
- a list of **other sites of interest** (e.g. Ancient Woodlands) that intersect your search area
- a map showing such sites
- a list of all **BAP habitats** which intersect the search area
- a map showing BAP habitats
- a summary of the area for all available mapped **Phase 1 and/or NVC habitats** found within 500m of your site
- a map showing such habitats

Merseyside BioBank (MBB) is the Local Environmental Records Centre (LERC) 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 biological recording and 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 Atlas.

The product charge for this data request is not a charge for the data themselves, but rather a fixed rate that enables us to cover a portion of our running costs. 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 Atlas. 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
amphibian	Smooth Newt	<i>Lissotriton vulgaris</i>	4	1959-2004	WCA5/9.5a
bird	Black Redstart	<i>Phoenicurus ochruros</i>	5	1997-1999	WCA1i
	Little Ringed Plover	<i>Charadrius dubius</i>	2	2002-2003	WCA1i
	Peregrine	<i>Falco peregrinus</i>	7	1997-2007	WCA1i
flowering plant	Bluebell	<i>Hyacinthoides non-scripta</i>	8	1995-2013	WCA8
	Shore Dock	<i>Rumex rupestris</i>	1	1992	HabRegs5,WCA8
	Water Germander	<i>Teucrium scordium</i>	1	1995	WCA8
reptile	Common Lizard	<i>Zootoca vivipara</i>	1	1903	WCA5/9.1k/l,WCA5/9.5a
terrestrial mammal	Bats	<i>Chiroptera</i>	12	1985-2008	HabRegs2,WCA5/9.4b,WCA5/9.5a,WC A5/9.4c
	Brown Long-eared Bat	<i>Plecotus auritus</i>	7	1911-1992	HabRegs2,WCA5/9.4b,WCA5/9.5a,WC A5/9.4c
	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	36	2000-2016	HabRegs2,WCA5/9.4b,WCA5/9.5a,WC A5/9.4c
	Eurasian Red Squirrel	<i>Sciurus vulgaris</i>	2	1970-1999	WCA5/9.1k/l,WCA5/9.1t,WCA5/9.2,WC A5/9.4.a,WCA5/9.4b,WCA5/9.5a
	European Water Vole	<i>Arvicola amphibius</i>	8	1987-2015	WCA5/9.4.a,WCA5/9.4b,WCA5/9.4c
	Noctule Bat	<i>Nyctalus noctula</i>	1	2016	HabRegs2,WCA5/9.4b,WCA5/9.5a,WC A5/9.4c
	Pipistrelle Bat species	<i>Pipistrellus</i>	7	1985-2015	HabRegs2,WCA5/9.4b,WCA5/9.5a,WC A5/9.4c

Desig. Code	Desig. Name	Designation Description
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.
WCA1i	Wildlife and Countryside Act 1981 (Schedule 1 Part 1)	Birds and their young, for which it is an offence to intentionally or recklessly disturb at, on or near an active nest. They are protected by special penalties at all times.
WCA8	Wildlife and Countryside Act 1981 (Schedule 8)	Plants which are protected from intentional picking, uprooting or destruction (Section 13 1a); selling, offering for sale, possessing or transporting for the purpose of sale (live or dead, part or derivative) (Section 13 2a); advertising (any of these) for buying or selling (Section 13 2b).
HabRegs5	The Conservation (Natural Habitats, &c.) Regulations 2010 (Schedule 5)	Schedule 5- European protected species of plants.
WCA5/9.1k/l	Wildlife and Countryside Act 1981 (Schedule 5 Section 9.1 (killing/injuring))	Section 9.1. Animals which are protected from intentional killing or injuring.
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.
WCA5/9.4c	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.
WCA5/9.1t	Wildlife and Countryside Act 1981 (Schedule 5 Section 9.1 (taking))	Section 9.1 Animals which are protected from taking.
WCA5/9.2	Wildlife and Countryside Act 1981 (Schedule 5 Section 9.2)	Section 9.2 Animals which are protected from being possessed or controlled (live or dead).
WCA5/9.4.a	Wildlife and Countryside Act 1981 (Schedule 5 Section 9.4, subdivision a)	Section 9.4 subdivision a - Animals which are protected from intentional damage or destruction to any structure or place used for shelter or protection.

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
bird	House Martin	<i>Delichon urbicum</i>	1	1997	LBAP
	House Sparrow	<i>Passer domesticus</i>	33	1997-2001	LBAP
	Lapwing	<i>Vanellus vanellus</i>	6	1997-2002	LBAP
	Skylark	<i>Alauda arvensis</i>	5	1997-2003	LBAP
	Song Thrush	<i>Turdus philomelos</i>	9	1997-1999	LBAP
	Starling	<i>Sturnus vulgaris</i>	11	1997-2003	LBAP
	Swift	<i>Apus apus</i>	2	1997	LBAP
flowering plant	Bluebell	<i>Hyacinthoides non-scripta</i>	8	1995-2013	LBAP
	Purple Ramping-fumitory	<i>Fumaria purpurea</i>	2	2004-2013	LBAP
	Willow	<i>Salix viminalis</i> x <i>repens</i> = <i>S. x friesiana</i>	1	1981	LBAP
insect - dragonfly (Odonata)	Black Darter	<i>Sympetrum danae</i>	2	1993	LBAP
	Blue-tailed Damselfly	<i>Ischnura elegans</i>	13	1982-2006	LBAP

	Brown Hawker	<i>Aeshna grandis</i>	2	2006	LBAP
	Common Blue Damselfly	<i>Enallagma cyathigerum</i>	10	1999-2009	LBAP
	Common Darter	<i>Sympetrum striolatum</i>	12	1982-2015	LBAP
	Emperor Dragonfly	<i>Anax imperator</i>	2	2006	LBAP
	Southern Hawker	<i>Aeshna cyanea</i>	8	1998-2006	LBAP
reptile	Common Lizard	<i>Zootoca vivipara</i>	1	1903	LBAP
terrestrial mammal	Bats	<i>Chiroptera</i>	12	1985-2008	LBAP
	Brown Long-eared Bat	<i>Plecotus auritus</i>	7	1911-1992	LBAP
	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	36	2000-2016	LBAP
	Eurasian Red Squirrel	<i>Sciurus vulgaris</i>	2	1970-1999	LBAP
	European Water Vole	<i>Arvicola amphibius</i>	8	1987-2015	LBAP
	Noctule Bat	<i>Nyctalus noctula</i>	1	2016	LBAP
	Pipistrelle Bat species	<i>Pipistrellus</i>	7	1985-2015	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: Urban Birds (*Delichon urbicum*; *Passer domesticus*; *Sturnus vulgaris*; *Apus apus*)

The four species covered by the NM BAP Urban Birds Species Action Plan (House Martin, Swift, House Sparrow and Starling) are considered to be in significant decline across the UK. In North Merseyside House Sparrows and Starlings currently breed in all urban areas, while House Martins are restricted to areas nearer sources of mud for nest-building. Swifts occurred in only 55 tetrads during 1997-2000.

Urban bird numbers are thought to relate strongly to the availability of prey species, and nesting opportunities.

Declines are most likely caused by the reduction in the diversity and abundance of invertebrate prey species resulting from increased 'tidiness' in our parks and gardens, the use of pesticides and other changes in farm practices. The exclusion of urban birds from breeding in or around modern buildings reduces nesting opportunities for urban birds.

NM BAP species: Lapwing (*Vanellus vanellus*)

Between 1987 and 1998 Lapwing declined by 48% in England and Wales with Wales and the SW of England showing greatest loss. Two thirds of the population is now resident in the N and NW of England.

Locally this species continues to breed in all suitable habitats and the 2002-03 surveys indicated a population of around 1,500 pairs with arable farmland and pockets of grassland being particularly favoured.

Local threats are thought to include development in nesting areas, increasing recreation and disturbance, scrub encroachments on coastal grassland and changes in farm practice towards silage production, livestock and agricultural intensification.

NM BAP species: Skylark (*Alauda arvensis*)

Although Skylark is widespread throughout Europe and large numbers are thought to breed in the UK, it is in significant decline with a fall in the population of 75% between 1972 and 1996 on lowland farms and an overall fall in the UK population of 53% between 1970 and 2005.

Locally Skylark breeds in all remaining suitable habitat and in 1997-2000 there were 750 breeding pairs but declines are thought to reflect the national trend.

This species relies heavily on traditional arable farming and so declines have largely been due to changes in farming practices in recent decades. Conversion to silage production, changes in sowing times and general agricultural intensification have all been particularly detrimental by reducing nesting habitat and sources of food.

Other causes of decline include overgrazing, disturbance during the breeding season and loss of grassland to development and tree planting.

NM BAP species: Song Thrush (*Turdus philomelos*)

Although still widespread, Song Thrush declined sharply by around 73% in farmland (mid 1970s) and 49% in woodland (1968-1993), while overall UK numbers fell by 50% between 1970 and 2005. The North of the UK is thought to have been hit hardest.

In North Merseyside, though thinly distributed, Song Thrush still breed in most areas with an estimated 500 pairs during 1997-2000. Highest breeding concentrations were found to occur in suburban areas where abundant garden and parkland habitats were present.

Song Thrush are reliant on a variety of habitats to meet their needs at different times of the year and loss of these habitats is causes a reduction in numbers.

Local factors in the decline of the species include changes in farm practices that remove nesting habitat (hedgerows and dense scrub), limit the abundance of winter food (changes in sowing, cropping and use of herbicides/molluscicides) or cause the loss of feeding habitat (use of pesticides/herbicides and monocropping).

NM BAP species: Bluebell (*Hyacinthoides non-scripta*)

British Bluebells make up about 20% of the global population of *Hyacinthoides non-scripta* and are often found in humid woodland habitat, along hedgerows and on occasion along the coast. Locally there are a number of good colonies.

Local threats to the species include possible over-shading in un-managed woodlands, localised trampling by the public in popular areas and hybridisation with the Spanish Bluebell. On a national scale declines are caused by the loss of woodland habitat, grazing by introduced Muntjac, collection of plants and hybridisation with Spanish Bluebell.

NM BAP species: Purple Rampion (*Fumaria purpurea*)

This species is endemic to Britain and here it is nationally scarce. Previously thought to be widespread throughout the arable farmland of the UK, the species has undergone a drastic decline in its numbers and range, with all recent records originating in the North-West and Cornwall.

Declines are thought to be linked to the increased use of weed-killers on farmland and the lack of available disturbed ground, on which the species depends for new seed germination (due to more intensive farming methods).

NM BAP species: Sefton Coast Rare Plants (*Salix viminalis* x *repens* = *S. x friesiana*)

A number of rare plants of the Sefton Coast are recognised as declining on a national scale, with some found in very few other locations. They are all rare locally and in some cases declining. Threats include development causing loss of habitat and destruction of populations, encroachment of scrub which both out competes species and reduces suitable habitat. In some cases rabbit grazing, sand-blow and other changes in the local conditions have detrimental affects.

Due to the small size of many of the populations they are highly vulnerable to any damage or disturbance.

NM BAP species: Dragonflies (*Sympetrum danae*; *Ischnura elegans*; *Aeshna grandis*; *Enallagma cyathigerum*; *Sympetrum striolatum*; *Anax imperator*; *Aeshna cyanea*)

Twentyone species of dragonfly and damselfly are included in the NM BAP Dragonflies Species Action Plan. These include vagrant species and some which are thought to be undergoing range expansions in the UK. Eighteen of these species are known to breed in our local area, with significant breeding sites in St Helens and Sefton.

Local causes of decline in this include the destruction or damage of essential wetland habitat through development, waste-tipping and agricultural run-off. Removal of nearby feeding habitats such as woodlands, hedgerows and tall vegetation is also detrimental.

NM BAP species: Common Lizard (*Zootoca vivipara*)

Populations of the Common Lizard are highly localised in Britain. In North Merseyside this species remains relatively common on the Sefton Coast dune and heath, where it is thought to be stable. Inland it is much less common. There are occasional records from Knowsley where the species is thought to be extremely vulnerable.

Declines are primarily due to the loss and fragmentation of suitable habitat, usually caused by changes in land use, urban expansion and increased forestry and scrub encroachment. Predation by cats and the gassing of rabbit burrows may also be having a detrimental effect.

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

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.

NM BAP species: Red Squirrel (*Sciurus vulgaris*)

Over the last 100 years the UK range Red Squirrel has contracted massively. In most areas the species of Britain it has vanished and most populations are now restricted to areas of Scotland and North England. North Merseyside has a relatively stable population on the Sefton Coast with small numbers across Knowsley and St Helens.

Threats include the Grey Squirrel which carries the squirrel pox virus that appears to have been the main cause of the red squirrel decline in Britain. In addition the fragmentation of woodland has reduced suitable habitat and increased road mortality as individuals try to move between pockets of habitats. Locally, over-maturation of trees will soon greatly reduce the Red Squirrels food source.

NM BAP species: Water Vole (*Arvicola amphibius*)

This species is found throughout Britain but localised to areas of suitable habitat near water. Previously common this species has undergone severe range and population reductions, with a national survey showing a decline of around 89% since 1939, estimated to increased to a loss of 94% by 2000. Merseyside appears to be a stronghold for the species with 75% of sites surveyed having Water Voles present in 1989-90. Though they may still be in decline locally, it is thought to be at a lower level than nationally.

Local declines in the species are caused by inappropriate management of bank-side habitats and waterside developments as well as predation by invasive species such as mink. The use of rodenticides and loss of habitat connectivity may also be factors in population declines.

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 2012 revised list of 'UK Post-2010 Biodiversity Framework' 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
bird	Bullfinch	<i>Pyrrhula pyrrhula</i>	1	1997	Sect.41.suppl
	Dunnock	<i>Prunella modularis</i>	10	1997-1999	Sect.41.suppl
	Herring Gull	<i>Larus argentatus</i>	3	1997-2006	Sect.41.suppl
	House Sparrow	<i>Passer domesticus</i>	33	1997-2001	Sect.41
	Lapwing	<i>Vanellus vanellus</i>	6	1997-2002	Sect.41
	Linnet	<i>Linaria cannabina</i>	6	1997-2003	Sect.41.suppl
	Skylark	<i>Alauda arvensis</i>	5	1997-2003	Sect.41, Sect.41.suppl
	Song Thrush	<i>Turdus philomelos</i>	9	1997-1999	Sect.41.suppl
	Starling	<i>Sturnus vulgaris</i>	11	1997-2003	Sect.41.suppl
bony fish (Actinopterygii)	Atlantic Cod	<i>Gadus morhua</i>	107	2005-2011	Sect.41
	European Eel	<i>Anguilla anguilla</i>	3	1982-2011	Sect.41
	Whiting	<i>Merlangius merlangus</i>	97	2005-2011	Sect.41
flowering plant	Cornflower	<i>Centaurea cyanus</i>	3	2015	Sect.41
	Purple Ramping-fumitory	<i>Fumaria purpurea</i>	2	2004-2013	Sect.41
	Shore Dock	<i>Rumex rupestris</i>	1	1992	Sect.41
	Water Germander	<i>Teucrium scordium</i>	1	1995	Sect.41
insect - butterfly	Wall	<i>Lasiommata megera</i>	8	1982-1993	Sect.41
reptile	Common Lizard	<i>Zootoca vivipara</i>	1	1903	Sect.41
terrestrial mammal	Bats	<i>Chiroptera</i>	12	1985-2008	Sect.41
	Brown Long-eared Bat	<i>Plecotus auritus</i>	7	1911-1992	Sect.41
	Eurasian Red Squirrel	<i>Sciurus vulgaris</i>	2	1970-1999	Sect.41
	European Water Vole	<i>Arvicola amphibius</i>	8	1987-2015	Sect.41
	Noctule Bat	<i>Nyctalus noctula</i>	1	2016	Sect.41
	Pipistrelle Bat species	<i>Pipistrellus</i>	7	1985-2015	Sect.41
	West European Hedgehog	<i>Erinaceus europaeus</i>	11	2005-2015	Sect.41

Desig. Code	Desig. Name	Designation Description
Sect.41.suppl	Supplementary list to deal with S41 bird sub-sp problems	Bird species corresponding to British sub-species listed in section 41 (England) of the NERC Act (2006).
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.

IUCN Red-listed Species

The IUCN Red List of Threatened Species (sometimes called 'Red Data Book' species) indicates the conservation status of plants and animals that have been globally evaluated using the IUCN Red List Categories and Criteria. The system is designed to determine the relative risk of extinction, and the main purpose of the IUCN Red List is to catalogue and highlight those plants and animals that are facing a higher risk of global extinction (i.e. those listed as Critically Endangered, Endangered and Vulnerable). The IUCN Red List also includes information on plants and animals that are categorized as 'Extinct' or 'Extinct in the Wild'; on taxa that cannot be evaluated because of insufficient information ('Data Deficient'); and on plants and animals that are either close to meeting the threatened thresholds or that would be threatened were it not for an ongoing taxon-specific conservation programme ('Near Threatened').

The following tables detail the IUCN Red-listed species that were recorded in the search area.

Group	Common Name	Scientific Name	Records	Dates	Designations
flowering plant	Cat-mint	<i>Nepeta cataria</i>	1	1987	RLGB.VU
	Corn Spurrey	<i>Spergula arvensis</i>	3	1981-1983	RLGB.VU
	Field Woundwort	<i>Stachys arvensis</i>	3	1981	RLGB.Lr(NT)
	Hawkweed	<i>Hieracium aggregatum</i>	2	1983	RLGB.DD
	Large-flowered Hemp-nettle	<i>Galeopsis speciosa</i>	3	1981-2008	RLGB.VU
	Shore Dock	<i>Rumex rupestris</i>	1	1992	RLGB.EN
	Water Germander	<i>Teucrium scordium</i>	1	1995	RLGB.EN
	Wild Pansy	<i>Viola tricolor</i>	3	1983-2003	RLGB.Lr(NT)
insect - butterfly	Wall	<i>Lasiommata megera</i>	8	1982-1993	RLGB.Lr(NT)
mollusc	Marsh Pond Snail	<i>Lymnaea (Stagnicola) palustris</i>	1	1982	RLGB.DD

Desig. Code	Desig. Name	Designation Description
RLGB.VU	IUCN (2001) - Vulnerable	A taxon is Vulnerable when it is not Critically Endangered or Endangered but is facing a high risk of extinction in the wild in the medium term future.
RLGB.Lr(NT)	IUCN (2001) - Lower risk - near threatened	Taxa which do not qualify for Lower Risk (conservation dependent), but which are close to qualifying for Vulnerable. In Britain, this category includes species which occur in 15 or fewer hectads but do not qualify as Critically Endangered, Endangered or Vulnerable.
RLGB.DD	IUCN (2001) - Data Deficient	A taxon is Data Deficient when there is inadequate information to make a direct, or indirect, assessment of its risk of extinction based on its distribution and/or population status. A taxon in this category may be well studied, and its biology well known, but appropriate data on abundance and/or distribution are lacking. Data Deficient is therefore not a category of threat or Lower Risk. Listing of taxa in this category indicates that more information is required and acknowledges the possibility that future research will show that a threatened category is appropriate.
RLGB.EN	IUCN (2001) - Endangered	A taxon is Endangered when it is not Critically endangered but is facing a very high risk of extinction in the wild in the near future.

Nationally Notable Species

These are plants and animals which do not fall within red-list categories but which are none-the-less uncommon in Great Britain.

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

Group	Common Name	Scientific Name	Records	Dates	Designations
coelenterate (=cnidarian)	Hydroid	<i>Hartlaubella gelatinosa</i>	1	2013	NSMar
flowering plant	Dune Fescue	<i>Vulpia fasciculata</i>	1	1989	NS-excludes
	Fringed Water-lily	<i>Nymphaeodes peltata</i>	5	1982-1992	NS-excludes
	Hawkweed	<i>Hieracium aggregatum</i>	2	1983	NR-excludes
	Northern Yellow-cress	<i>Rorippa islandica</i>	2	1977	NS-excludes
	Purple Ramping-fumitory	<i>Fumaria purpurea</i>	2	2004-2013	NS-excludes
	Rock Stonecrop	<i>Sedum forsterianum</i>	1	1981	NS-excludes
	Seaside Centaury	<i>Centaureum littorale</i>	1	2017	NS-excludes
	Shore Dock	<i>Rumex rupestris</i>	1	1992	NS-excludes
	Water Germander	<i>Teucrium scordium</i>	1	1995	NR-excludes
	Welsh Poppy	<i>Meconopsis cambrica</i>	1	1987	NS-excludes
	Willow	<i>Salix caprea</i> subsp. <i>sphacelata</i>	1	1995	NS-excludes
insect - beetle (Coleoptera)	Adonis' Ladybird	<i>Hippodamia (Adonia) variegata</i>	1	1998	Nb

Desig. Code	Desig. Name	Designation Description
NSMar	Nationally scarce marine species	Species which occur in nine to 55 10km X 10km grid squares containing sea (or water of marine saline influence) within the three mile territorial limit.
NS-excludes	Nationally Scarce. Excludes Red Listed taxa	Nationally Scarce - Occurring in 16-100 hectads in Great Britain. Excludes rare species qualifying under the main IUCN criteria
NR-excludes	Nationally Rare. Excludes Red Listed taxa	Nationally Rare - Occurring in 15 or fewer hectads in Great Britain. Excludes rare species qualifying under the main IUCN criteria.
Nb	Nationally Notable B	Taxa which do not fall within RDB categories but which are none-the-less uncommon in Great Britain and thought to occur in between 31 and 100 10km squares of the National Grid or, for less-well recorded groups between eight and twenty vice-counties. Superseded by Nationally Scarce, and therefore no longer in use.

WCA schedule 9 species (including non-native invasive plants)

Schedule 9 of the Wildlife & Countryside Act (amended 2010) lists species of plants and animals for which it is a specific offence to plant or otherwise cause to grow in the wild (plants) or release or allow to escape into the wild (animals). Many of these are invasive non-native plants and animals, but there are also a number of native animals on the list (e.g. Barn Owl) which cannot be released into the wild in England without a license from Natural England.

The following tables detail the WCA Schedule 9 species recorded in the search area.

Group	Common Name	Scientific Name	Records	Dates	Designations
bird	Canada Goose	<i>Branta canadensis</i>	5	1997-2011	MBB-WCA-S9
fern	Water Fern	<i>Azolla filiculoides</i>	2	1992-2006	MBB-WCA-S9
flowering plant	Canadian Waterweed	<i>Elodea canadensis</i>	2	1982-1983	MBB-WCA-S9
	Curly Waterweed	<i>Lagarosiphon major</i>	4	1992	MBB-WCA-S9
	Indian Balsam	<i>Impatiens glandulifera</i>	2	1982-1983	MBB-WCA-S9
	Japanese Knotweed	<i>Fallopia japonica</i>	31	1981-2015	MBB-WCA-S9
	Japanese Rose	<i>Rosa rugosa</i>	2	1997-2002	MBB-WCA-S9
	Montbretia	<i>Crocsmia pottsii</i> x <i>aurea</i> = <i>C. x crocosmiiflora</i>	3	1981-1990	MBB-WCA-S9
	Nuttall's Waterweed	<i>Elodea nuttallii</i>	3	1982-1992	MBB-WCA-S9
	Rhododendron ponticum	<i>Rhododendron ponticum</i>	4	1995-2016	MBB-WCA-S9
	Virginia-creeper	<i>Parthenocissus quinquefolia</i>	1	1989	MBB-WCA-S9
terrestrial mammal	Black Rat	<i>Rattus rattus</i>	22	1889-1989	MBB-WCA-S9
	Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	12	2009-2015	MBB-WCA-S9

Desig. Code	Desig. Name	Designation Description
MBB-WCA-S9	Wildlife and Countryside Act 1981 (Variation of Schedule 9) (England and Wales) Order 2010	Species on Schedule 9 (part 2) as revised 2010. Under section 14 of the Act it is illegal to release into the wild any animal or allow to grow in the wild any plant which is not ordinarily resident in GB or which is a known threat and is listed on Schedule 9 of the Act.

BAP priority habitats

In 2007 the Local Biodiversity Manager (responsible for the North Merseyside Biodiversity Action Plan) undertook a review of the extent of UK BAP priority habitats in North Merseyside and produced GIS layers to show their extents. In most cases these inventories were derived from two main sources: the latest Phase 1 habitat surveys which were conducted for the four North Merseyside local authorities between 1996 and 2007; and an NVC survey of the Sefton Coast carried out between 2003 and 2004. A separate NVC survey of the Ribble estuary carried out in 2002 (which also included saltmarsh at the Alt) was also useful as were one or two other sources. Because of the diverse nature of habitat classifications, it was not always possible to produce inventories with a one-to-one correspondence with UK BAP priority

habitats. The table below shows the BAP habitat inventories for North Merseyside and their correspondence with UK BAP priority habitats.

North Merseyside habitat inventory	Correspondence with UK BAP priority habitats
Lowland Acid Grassland	Lowland Dry Acid Grassland
Lowland Heathland	Lowland Heathland
Lowland Raised Bog	Lowland Raised Bog
Neutral Grassland	Incorporates the UK BAP habitat Lowland Meadows but also, in North Merseyside, includes a lot of amenity grassland, road verges etc.
Calcareous Grassland	Calcareous Grassland
Ponds	Ponds
Lakes	Eutrophic lakes
Reedbeds	Reedbeds
Hedgerows	Hedgerows
Saltmarsh	Coast Saltmarsh
Sand Dune	Coastal Sand Dune
All Woodland	It was not possible, from the available data, to produce separate inventories for different woodland types in North Merseyside, so this inventory incorporates elements of several UK BAP priority habitats such as Lowland Mixed Deciduous Woodland, Wet Woodland and Wood Pasture & Parkland.

Note that the 'Ponds' BAP inventory was derived locally using water bodies less than two hectares in extent from Ordnance Survey data. The 'Lakes' BAP inventory is a nationally supplied inventory, but the lakes are only represented in this as points. Therefore any water body over two hectares in extent will only be represented on our habitat maps by a point and will not show the extent of the lake. However, ponds will be indicated by polygons showing their extent. Occasionally a large pond – though still less than two hectares in extent – will be represented in both the 'Lake' and 'Pond' inventories.

Habitat	Amount	Units
Lakes	1	count
Hedgerows	0.57	kilometres
All Woodland	17.8	hectares
Neutral Grassland	2.59	hectares
Ponds	1.68	hectares
Ponds	6	count

The table above indicates the extent of each of the BAP habitat inventories (see previous table) occurring within your search area (see appendix 3 for maps).

Detailed habitat mapping

Merseyside BioBank collates and maintains detailed habitat mapping – normally Phase 1 or NVC – for the North Merseyside area. This includes both historic data and the most up-to-date habitat survey data available. Here we report on the detailed habitat mapping we hold for your search area.

Ref: Liverpool-2006-07
Source: Liverpool Space for Nature project - phase 1 habitat survey 2006-2007
Survey date: 2006 - 2007

Notes: This is the 'default' baseline mapping used by the Council. It is the most recent complete coverage for the borough.

Woodland and scrub		
A1.1.2	Broadleaved woodland - plantation	1.6 ha
Miscellaneous		
J1.2	Cultivated/disturbed land - amenity grassland	6.57 ha

Habitat maps themselves are produced at the end of the report. You can cross-reference the figures in the tables below to the maps by means of the reference which appears on each map. A map with the reference 'Composite' is a special map made on-the-fly at the time of this report production by merging data from all available sources and using the most up-to-date mapping available at any given point in your search area.

Designated Areas

There are a number of types of 'designated areas' in North Merseyside. These types are shown in the table below together with the total number of North Merseyside sites for each.

Type of area	No. of sites
Site of Special Scientific Interest	6
Special Protection Area (Natura 2000)	3
Marine Special Protection Area	1
Special Area of Conservation (Natura 2000)	1
RAMSAR (wetland of international importance)	3
National Nature Reserve	3
Local Nature Reserve	57
Knowsley Local Wildlife Site	23
Sefton Local Wildlife Site	55
St Helens Local Wildlife Site	121
Liverpool Local Wildlife Site (current)	28
Liverpool Local Wildlife Site (proposed)	30
Merseyside Ancient Woodland Inventory	11
RSPB/LWT Windfarm Alert Map	1
Red Squirrel Protection Area	1

The following table indicates the results of the intersection between the search area and designated areas detailed above (see appendix 3 for maps).

Name	Type
Melrose Cutting	Liverpool Local Wildlife Site (current)
Leeds-Liverpool Canal	Liverpool Local Wildlife Site (current)
Leeds-Liverpool Canal	Liverpool Local Wildlife Site (proposed)
Melrose Cutting	Liverpool Local Wildlife Site (proposed)
Everton Park Nature Garden	Liverpool Local Wildlife Site (potential)
Everton Park South	Liverpool Local Geological Site
College Street North, Shaw Street	Liverpool Local Geological Site
Everton Quarry, Mark Street	Liverpool Local Geological Site
Netherfield Road North, Everton	Liverpool Local Geological Site
Notre Dame High School, Everton Valley	Liverpool Local Geological Site
St Georges Hill, Netherfield Road South	Liverpool Local Geological Site

Everton Park North	Liverpool Local Geological Site
St Anne Street Underpass	Liverpool Local Geological Site
Everton Gaol, Netherfield Rd South	Liverpool Local Geological Site
Whitley Gardens (south), Shaw Street	Liverpool Local Geological Site
Whitley Gardens (north), Shaw Street	Liverpool Local Geological Site
Mersey Estuary	Nature Improvement Area

Citations¹ for Local Wildlife Sites are supplied separately.

¹ In Knowsley, some Local Wildlife Site citations do not include lists of species and habitats for which they are designated and where this is the case a separate list is supplied for the site. No Local Wildlife citations are available for Liverpool Local Wildlife Sites (current or potential). No citations for LNRs are available. Citations for national and internationally designated sites (SSSI, SPA etc) are publicly available.

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 Atlas records included

All relevant records available to Merseyside BioBank from the NBN Atlas are included in this report, except where excluded by one or more of the conditions described in the rest of this section. NBN Atlas 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 Atlas 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 Atlas 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.

Sensitive taxa

For some sensitive taxa, the precision of grid references presented here may have been reduced. We do this for:

- all records of Badger; and
- records of breeding Otter.

In addition, we do not report on 'negative records' for Badger or Otter.

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 Atlas datasets

(though, of course, we do not report on NBN Atlas 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 Atlas.

Bird records

Only bird records with a recorded status of proven, probable and possible breeding have been included in this data search. Bird records with other statuses are not included. The most recent bird records for North Merseyside included, e.g. those generated for the ongoing breeding and wintering atlas projects, since these data have yet to undergo verification by the County Bird Recorder. It is possible for you to contact the County Bird Recorder independently for his interpretation of the most recent data with respect to your search area. The contact details are:

Steve White
stevewhite102@btinternet.com

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.

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 and invasive species 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 Atlas).

GridRef	Location Name	Common Name	Scientific Name	Group	Abundance or Status	Date	Comment	Source
SJ353920	Everton Park Nature Gdn.	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian		01/07/2004	Apocryphal G.C.N.. Survey method: Sight	1
SJ353920	Everton Park	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian	Present Count	01/07/2004		3
SJ353920	Everton Park	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian	Present Count of Adult	July 2004		2
SJ3591	Liverpool	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian	Present Count	31/12/1959		3
SJ39F	Liverpool Docks	Black Redstart	<i>Phoenicurus ochruros</i>	bird	1 Count of Confirmed breeding	1997		4
SJ39F	Liver Building	Black Redstart	<i>Phoenicurus ochruros</i>	bird	1 Count of Possible breeding	1999	Singing male, same as SJ39K	4
SJ39G	Canada Dock tetrad	Black Redstart	<i>Phoenicurus ochruros</i>	bird	1 Count of Confirmed breeding	1998		4
SJ39K		Black Redstart	<i>Phoenicurus ochruros</i>	bird	1 Count of Possible breeding	1999	Singing male, same as SJ39F	4
SJ39K		Black Redstart	<i>Phoenicurus ochruros</i>	bird	1 Count of Possible breeding	1999		4
SJ39M	Walton	Bullfinch	<i>Pyrrhula pyrrhula</i>	bird	1 Count of Possible breeding	1997		4
SJ3391	Liverpool Waters	Canada Goose	<i>Branta canadensis</i>	bird	17 Count of Nest	14/04/2009-04/06/2009		5
SJ3391	Trafalgar Dock	Canada Goose	<i>Branta canadensis</i>	bird	2 Count of Confirmed breeding	2002		4
SJ3391		Canada Goose	<i>Branta canadensis</i>	bird	1 Count of Confirmed breeding	2003		4
SJ3391	site to the West of Waterloo Road	Canada Goose	<i>Branta canadensis</i>	bird	P Count of Confirmed breeding	June 2011	Young present around the site viewed from Waterloo road.	6
SJ39Q	Newsham Park	Canada Goose	<i>Branta canadensis</i>	bird	1 Count of Possible breeding	1997		4
SJ39F		Dunnock	<i>Prunella modularis</i>	bird	1 Count of Confirmed breeding	1999		4
SJ39G		Dunnock	<i>Prunella modularis</i>	bird	1 Count of Confirmed breeding	1999		4

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SJ39H		Dunnock	<i>Prunella modularis</i>	bird	1 Count of Confirmed breeding	1999		4
SJ39K		Dunnock	<i>Prunella modularis</i>	bird	1 Count of Confirmed breeding	1998		4
SJ39L	Everton/Kirkdale	Dunnock	<i>Prunella modularis</i>	bird	1 Count of Confirmed breeding	1997		4
SJ39M	Walton	Dunnock	<i>Prunella modularis</i>	bird	1 Count of Confirmed breeding	1997		4
SJ39Q	Newsham Park	Dunnock	<i>Prunella modularis</i>	bird	1 Count of Confirmed breeding	1997		4
SJ39Q		Dunnock	<i>Prunella modularis</i>	bird	1 Count of Confirmed breeding	1999		4
SJ39R	Anfield	Dunnock	<i>Prunella modularis</i>	bird	1 Count of Confirmed breeding	1997		4
SJ39S	Walton Hall Park	Dunnock	<i>Prunella modularis</i>	bird	1 Count of Confirmed breeding	1997		4
SJ3590	Royal Liverpool Hospital, Royal Liverpool Hospital	Herring Gull	<i>Larus argentatus</i>	bird	7 Confirmed Count of Confirmed breeding	2006	including University	4
SJ39F		Herring Gull	<i>Larus argentatus</i>	bird	1 Count of Confirmed breeding	1999		4
SJ39K	Liverpool City Centre	Herring Gull	<i>Larus argentatus</i>	bird	1 Count of Confirmed breeding	1997		4
SJ39Q	Newsham Park	House Martin	<i>Delichon urbicum</i>	bird	1 Count of Confirmed breeding	1997		4
SJ338944		House Sparrow	<i>Passer domesticus</i>	bird	1 Proven Count of Confirmed breeding	2001		4
SJ339922		House Sparrow	<i>Passer domesticus</i>	bird	2 Proven Count of Confirmed breeding	2001		4
SJ339943		House Sparrow	<i>Passer domesticus</i>	bird	1 Proven Count of Confirmed breeding	2001		4
SJ339944		House Sparrow	<i>Passer domesticus</i>	bird	1 Proven Count of Confirmed breeding	2001		4
SJ340915		House Sparrow	<i>Passer domesticus</i>	bird	6 Proven Count of Confirmed breeding	10/06/2001		4
SJ343944		House Sparrow	<i>Passer domesticus</i>	bird	3 Proven Count of Confirmed breeding	2001		4
SJ344911		House Sparrow	<i>Passer domesticus</i>	bird	1 Proven Count of Confirmed breeding	29/04/2001		4
SJ344919		House Sparrow	<i>Passer domesticus</i>	bird	1 Proven Count of Confirmed breeding	29/04/2001		4
SJ345910		House Sparrow	<i>Passer domesticus</i>	bird	2 Proven Count of Confirmed breeding	10/06/2001		4
SJ345915		House Sparrow	<i>Passer domesticus</i>	bird	1 Proven Count of Confirmed breeding	10/06/2001		4

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SJ346945		House Sparrow	<i>Passer domesticus</i>	bird	3 Proven Count of Confirmed breeding	2001		4
SJ351937		House Sparrow	<i>Passer domesticus</i>	bird	2 Proven Count of Confirmed breeding	2001		4
SJ351937		House Sparrow	<i>Passer domesticus</i>	bird	3 Proven Count of Confirmed breeding	2001		4
SJ355935		House Sparrow	<i>Passer domesticus</i>	bird	2 Proven Count of Confirmed breeding	15/05/2001		4
SJ356947		House Sparrow	<i>Passer domesticus</i>	bird	2 Proven Count of Confirmed breeding	2001		4
SJ357945		House Sparrow	<i>Passer domesticus</i>	bird	1 Proven Count of Confirmed breeding	2001		4
SJ358920		House Sparrow	<i>Passer domesticus</i>	bird	3 Proven Count of Confirmed breeding	2001		4
SJ360932		House Sparrow	<i>Passer domesticus</i>	bird	2 Proven Count of Confirmed breeding	2001		4
SJ360944		House Sparrow	<i>Passer domesticus</i>	bird	2 Proven Count of Confirmed breeding	2001		4
SJ362926		House Sparrow	<i>Passer domesticus</i>	bird	4 Proven Count of Confirmed breeding	2001		4
SJ365920		House Sparrow	<i>Passer domesticus</i>	bird	5 Proven Count of Confirmed breeding	09/07/2001		4
SJ365922		House Sparrow	<i>Passer domesticus</i>	bird	3 Proven Count of Confirmed breeding	2001		4
SJ365926		House Sparrow	<i>Passer domesticus</i>	bird	4 Proven Count of Confirmed breeding	2001		4
SJ366926		House Sparrow	<i>Passer domesticus</i>	bird	2 Proven Count of Confirmed breeding	2001		4
SJ39F		House Sparrow	<i>Passer domesticus</i>	bird	1 Count of Possible breeding	1999		4
SJ39G		House Sparrow	<i>Passer domesticus</i>	bird	1 Count of Possible breeding	1999		4
SJ39H	Bootle, Liverpool Docks	House Sparrow	<i>Passer domesticus</i>	bird	1 Count of Confirmed breeding	1997		4
SJ39K		House Sparrow	<i>Passer domesticus</i>	bird	1 Count of Confirmed breeding	1998		4
SJ39L	Everton/Kirkdale	House Sparrow	<i>Passer domesticus</i>	bird	1 Count of Confirmed breeding	1997		4
SJ39M	Walton	House Sparrow	<i>Passer domesticus</i>	bird	1 Count of Confirmed breeding	1997		4
SJ39Q	Newsham Park	House Sparrow	<i>Passer domesticus</i>	bird	1 Count of Confirmed breeding	1997		4
SJ39R	Anfield	House Sparrow	<i>Passer domesticus</i>	bird	1 Count of Confirmed breeding	1997		4

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SJ39S	Walton Hall Park	House Sparrow	<i>Passer domesticus</i>	bird	1 Count of Confirmed breeding	1997		4
SJ3391	Trafalgar Dock	Lapwing	<i>Vanellus vanellus</i>	bird	3 Count of Confirmed breeding	2001		4
SJ3391	Trafalgar Dock	Lapwing	<i>Vanellus vanellus</i>	bird	2 Count of Confirmed breeding	2002		4
SJ39F		Lapwing	<i>Vanellus vanellus</i>	bird	1 Count of Confirmed breeding	1999		4
SJ39H		Lapwing	<i>Vanellus vanellus</i>	bird	1 Count of Possible breeding	1999		4
SJ39L	Everton/Kirkdale	Lapwing	<i>Vanellus vanellus</i>	bird	1 Count of Possible breeding	1997		4
SJ39Q		Lapwing	<i>Vanellus vanellus</i>	bird	4 Count of Possible breeding	1999		4
SJ3391	Central Docks	Linnet	<i>Linaria cannabina</i>	bird	1 Count of Confirmed breeding	2001		4
SJ3391	Central Docks	Linnet	<i>Linaria cannabina</i>	bird	1 Count of Confirmed breeding	2002		4
SJ3391	Trafalgar Dock	Linnet	<i>Linaria cannabina</i>	bird	2 Count of Confirmed breeding	2003		4
SJ39H	Bootle, Liverpool Docks	Linnet	<i>Linaria cannabina</i>	bird	1 Count of Possible breeding	1997		4
SJ39L	Everton/Kirkdale	Linnet	<i>Linaria cannabina</i>	bird	1 Count of Possible breeding	1997		4
SJ39Q	Newsham Park	Linnet	<i>Linaria cannabina</i>	bird	1 Count of Possible breeding	1997		4
SJ3391	Trafalgar Dock	Little Ringed Plover	<i>Charadrius dubius</i>	bird	1 Count of Confirmed breeding	2002		4
SJ3391	Trafalgar Dock	Little Ringed Plover	<i>Charadrius dubius</i>	bird	1 Count of Confirmed breeding	2003	Unsuccessful	4
SJ331921	Tobacco Warehouse, Tobacco Warehouse	Peregrine	<i>Falco peregrinus</i>	bird	Proven Count of Confirmed breeding	2007		4
SJ337922	Tobacco Warehouse, Tobacco Warehouse	Peregrine	<i>Falco peregrinus</i>	bird	1 Confirmed Count of Confirmed breeding	2005		4
SJ337922	Tobacco Warehouse, Liverpool, Tobacco Warehouse, Liverpool	Peregrine	<i>Falco peregrinus</i>	bird	1 Confirmed Count of Confirmed breeding	2006	1-2 fledged	4
SJ3392	Tobacco warehouse	Peregrine	<i>Falco peregrinus</i>	bird	1 Count of Confirmed breeding	2002	Hatched two young	4
SJ339921	Tobacco Warehouse	Peregrine	<i>Falco peregrinus</i>	bird	1 Count of Confirmed breeding	2001	Raised two young.	4
SJ39G	Stanley Dock	Peregrine	<i>Falco peregrinus</i>	bird	1 Count of Confirmed breeding	1997		4
SJ39G		Peregrine	<i>Falco peregrinus</i>	bird	1 Count of Confirmed breeding	1999		4

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SJ335917	Central Docks	Skylark	<i>Alauda arvensis</i>	bird	1 Count of Confirmed breeding	2001		4
SJ3391		Skylark	<i>Alauda arvensis</i>	bird	5 Count of Confirmed breeding	2002		4
SJ3391	Power station	Skylark	<i>Alauda arvensis</i>	bird	3 Count of Confirmed breeding	2003		4
SJ39L	Everton/Kirkdale	Skylark	<i>Alauda arvensis</i>	bird	1 Count of Confirmed breeding	1997		4
SJ39M	Walton	Skylark	<i>Alauda arvensis</i>	bird	1 Count of Confirmed breeding	1997		4
SJ39F		Song Thrush	<i>Turdus philomelos</i>	bird	1 Count of Confirmed breeding	1999		4
SJ39K		Song Thrush	<i>Turdus philomelos</i>	bird	1 Count of Confirmed breeding	1998		4
SJ39K		Song Thrush	<i>Turdus philomelos</i>	bird	2 Count of Confirmed breeding	1999		4
SJ39L	Everton/Kirkdale	Song Thrush	<i>Turdus philomelos</i>	bird	3 Count of Confirmed breeding	1997		4
SJ39M	Walton	Song Thrush	<i>Turdus philomelos</i>	bird	1 Count of Confirmed breeding	1997		4
SJ39Q	Newsham Park	Song Thrush	<i>Turdus philomelos</i>	bird	1 Count of Confirmed breeding	1997		4
SJ39Q		Song Thrush	<i>Turdus philomelos</i>	bird	2 Count of Confirmed breeding	1999		4
SJ39R	Anfield	Song Thrush	<i>Turdus philomelos</i>	bird	2 Count of Confirmed breeding	1997		4
SJ39S	Walton Hall Park	Song Thrush	<i>Turdus philomelos</i>	bird	1 Count of Confirmed breeding	1997		4
SJ3391	Central Docks	Starling	<i>Sturnus vulgaris</i>	bird	1 Count of Confirmed breeding	2002		4
SJ3391		Starling	<i>Sturnus vulgaris</i>	bird	1 Count of Confirmed breeding	2003		4
SJ39F		Starling	<i>Sturnus vulgaris</i>	bird	1 Count of Possible breeding	1999		4
SJ39G		Starling	<i>Sturnus vulgaris</i>	bird	1 Count of Possible breeding	1999		4
SJ39H	Bootle, Liverpool Docks	Starling	<i>Sturnus vulgaris</i>	bird	1 Count of Confirmed breeding	1997		4
SJ39K		Starling	<i>Sturnus vulgaris</i>	bird	1 Count of Confirmed breeding	1998		4
SJ39L	Everton/Kirkdale	Starling	<i>Sturnus vulgaris</i>	bird	1 Count of Confirmed breeding	1997		4
SJ39M	Walton	Starling	<i>Sturnus vulgaris</i>	bird	1 Count of Confirmed breeding	1997		4

SJ39Q	Newsham Park	Starling	<i>Sturnus vulgaris</i>	bird	1 Count of Confirmed breeding	1997		4
SJ39R	Anfield	Starling	<i>Sturnus vulgaris</i>	bird	1 Count of Possible breeding	1997		4
SJ39S	Walton Hall Park	Starling	<i>Sturnus vulgaris</i>	bird	1 Count of Confirmed breeding	1997		4
SJ39Q	Newsham Park	Swift	<i>Apus apus</i>	bird	1 Count of Confirmed breeding	1997		4
SJ39S	Walton Hall Park	Swift	<i>Apus apus</i>	bird	1 Count of Possible breeding	1997		4
SJ335926	Wellington Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	4 Count	06/04/2011-07/04/2011		8
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	03/02/2008	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	2 Count	03/02/2008	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	03/02/2008	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	3 Count	03/02/2008	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	03/02/2008	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	03/02/2008	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	6 Count	03/02/2008	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	03/02/2008	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	03/02/2008	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	04/11/2007	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	04/11/2007	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7

							20cm.	
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	04/11/2007	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	04/11/2007	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	2 Count	04/11/2007	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	11/02/2007	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	2 Count	11/02/2007	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	11/02/2007	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	11/02/2007	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	11/02/2007	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	3 Count	11/02/2007	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	11/02/2007	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	11/02/2007	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	11/02/2007	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	3 Count	11/02/2007	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	3 Count	11/02/2007	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	11/02/2007	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish	1 Count	11/02/2007	Codling. Mersey Pirates fishing	7

				(Actinopterygii)			match. All fish recorded minimum of 20cm.	
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	2 Count	11/02/2007	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	11/02/2007	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	4 Count	14/01/2007	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	14/01/2007	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	4 Count	14/01/2007	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	14/01/2007	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	4 Count	14/01/2007	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	3 Count	14/01/2007	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	2 Count	14/01/2007	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	5 Count	14/01/2007	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	2 Count	14/01/2007	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	14/01/2007	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	3 Count	14/01/2007	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	17/04/2005	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7

SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	9 Count	17/04/2005	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	4 Count	17/04/2005	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	5 Count	17/04/2005	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	17/04/2005	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	3 Count	17/04/2005	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	2 Count	17/04/2005	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	4 Count	17/04/2005	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	3 Count	17/04/2005	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	4 Count	17/04/2005	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	2 Count	17/04/2005	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	17/04/2005	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	17/12/2006	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	2 Count	17/12/2006	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	17/12/2006	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	14 Count	17/12/2006	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7

SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	4 Count	17/12/2006	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	17/12/2006	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	2 Count	17/12/2006	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	5 Count	17/12/2006	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	17/12/2006	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	17/12/2006	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	2 Count	17/12/2006	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	4 Count	17/12/2006	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	17/12/2006	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	17/12/2006	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	17/12/2006	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	4 Count	21/12/2008	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	21/12/2008	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	21/12/2008	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	21/12/2008	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7

SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	21/12/2008	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	2 Count	21/12/2008	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	21/12/2008	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	2 Count	21/12/2008	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	21/12/2008	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	21/12/2008	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	21/12/2008	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	21/12/2008	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	2 Count	25/03/2007	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	9 Count	25/03/2007	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	3 Count	25/03/2007	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	5 Count	25/03/2007	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	3 Count	25/03/2007	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	3 Count	25/03/2007	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	2 Count	25/03/2007	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	2 Count	25/03/2007	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7

SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	25/03/2007	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	2 Count	25/03/2007	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	25/03/2007	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	2 Count	25/03/2007	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	5 Count	25/03/2007	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	4 Count	25/03/2007	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	25/03/2007	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Port Waterloo	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	2 Count	28/10/2006	Codling, 41cms each. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	3 Count	30/10/2010	Codling. Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3392	Sandon Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	07/02/2010	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3392	Sandon Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	4 Count	07/02/2010	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3392	Sandon Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	2 Count	07/02/2010	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3392	Sandon Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	07/02/2010	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3392	Sandon Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	07/02/2010	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3392	Sandon Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	07/02/2010	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3392	Sandon Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	07/02/2010	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3392	Sandon Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	2 Count	07/02/2010	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3392	Sandon Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish	1 Count	07/02/2010	Mersey Pirates fishing match. All fish	7

				(Actinopterygii)			recorded minimum of 20cm.	
SJ3392	Sandon Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	2 Count	07/02/2010	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3392	Sandon Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	1 Count	07/02/2010	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3392	Sandon Dock	Atlantic Cod	<i>Gadus morhua</i>	bony fish (Actinopterygii)	4 Count	07/02/2010	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ335926	Wellington Dock	European Eel	<i>Anguilla anguilla</i>	bony fish (Actinopterygii)	3 Count	06/04/2011- 07/04/2011		8
SJ3392	Leeds and Liverpool Canal	European Eel	<i>Anguilla anguilla</i>	bony fish (Actinopterygii)		10/08/1982		9
SJ3392	Liverpool Locks (Lightbody Street)	European Eel	<i>Anguilla anguilla</i>	bony fish (Actinopterygii)		10/08/1982- 30/11/1982	Found in water.	9
SJ335926	Wellington Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	1 Count	06/04/2011- 07/04/2011		8
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	1 Count	03/02/2008	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	1 Count	03/02/2008	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	1 Count	03/02/2008	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	3 Count	03/02/2008	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	1 Count	03/02/2008	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	6 Count	03/02/2008	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	1 Count	03/02/2008	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	1 Count	03/02/2008	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	3 Count	03/02/2008	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	8 Count	04/11/2007	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	2 Count	04/11/2007	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	2 Count	04/11/2007	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	2 Count	04/11/2007	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	2 Count	04/11/2007	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7

SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	2 Count	04/11/2007	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	3 Count	04/11/2007	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	5 Count	04/11/2007	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	4 Count	04/11/2007	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	3 Count	04/11/2007	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	1 Count	04/11/2007	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	1 Count	04/11/2007	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	2 Count	04/11/2007	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	2 Count	04/11/2007	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	1 Count	04/11/2007	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	2 Count	04/11/2007	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	3 Count	04/11/2007	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	1 Count	11/02/2007	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	1 Count	11/02/2007	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	2 Count	11/02/2007	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	1 Count	11/02/2007	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	1 Count	11/02/2007	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	1 Count	11/02/2007	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	2 Count	11/02/2007	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	2 Count	14/01/2007	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	7 Count	14/01/2007	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	3 Count	14/01/2007	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7

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SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	2 Count	14/01/2007	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	5 Count	14/01/2007	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	2 Count	14/01/2007	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	6 Count	14/01/2007	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	2 Count	14/01/2007	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	2 Count	14/01/2007	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	12 Count	14/01/2007	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	1 Count	14/01/2007	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	1 Count	14/01/2007	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	1 Count	14/01/2007	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	5 Count	14/01/2007	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	1 Count	14/01/2007	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	5 Count	14/01/2007	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	3 Count	17/04/2005	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	1 Count	17/04/2005	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	1 Count	17/04/2005	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	1 Count	17/12/2006	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	1 Count	17/12/2006	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	1 Count	17/12/2006	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	2 Count	17/12/2006	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	1 Count	17/12/2006	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	1 Count	17/12/2006	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7

SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	1 Count	17/12/2006	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	1 Count	17/12/2006	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	1 Count	17/12/2006	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	3 Count	17/12/2006	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	3 Count	17/12/2006	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	1 Count	17/12/2006	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	2 Count	17/12/2006	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	1 Count	17/12/2006	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	4 Count	17/12/2006	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	4 Count	21/12/2008	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	3 Count	21/12/2008	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	7 Count	21/12/2008	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	2 Count	21/12/2008	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	2 Count	21/12/2008	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	2 Count	21/12/2008	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	2 Count	21/12/2008	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	3 Count	21/12/2008	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	2 Count	21/12/2008	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	1 Count	21/12/2008	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	1 Count	21/12/2008	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	1 Count	21/12/2008	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	1 Count	21/12/2008	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7

SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	5 Count	21/12/2008	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	3 Count	21/12/2008	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	1 Count	21/12/2008	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	2 Count	21/12/2008	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	1 Count	21/12/2008	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	2 Count	21/12/2008	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	4 Count	21/12/2008	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	2 Count	25/03/2007	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	1 Count	25/03/2007	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	1 Count	25/03/2007	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	1 Count	25/03/2007	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3391	Waterloo Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	1 Count	30/10/2010	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3392	Sandon Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	1 Count	03/10/2010	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3392	Sandon Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	1 Count	07/02/2010	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3392	Sandon Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	1 Count	07/02/2010	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ3392	Sandon Dock	Whiting	<i>Merlangius merlangus</i>	bony fish (Actinopterygii)	1 Count	07/02/2010	Mersey Pirates fishing match. All fish recorded minimum of 20cm.	7
SJ335923	Coal barge Wreck, Nelson Dock	Hydroid	<i>Hartlaubella gelatinosa</i>	coelenterate (=cnidarian)	Present Count	30/11/2013		3
SJ339945	Leeds - Liverpool Canal Section 6	Water Fern	<i>Azolla filiculoides</i>	fern		10/11/1992		11
SJ344930	LEEDS-LIVERPOOL CANAL(SJ 342916-SJ 340942)	Water Fern	<i>Azolla filiculoides</i>	fern		02/10/2006		13
SJ360936	Anfield Stadium and Stanley Park Area, Liverpool	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		2008	North Merseyside BAP species potentially present at the site	11
SJ362819 3788	Anfield Cemetery, Liverpool	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	Present Count	2013	Spring	14
SJ3693	Stanley Park Area, Anfield, Liverpool	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		May 2003		11

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SJ3693	Stanley Park Area, Anfield, Liverpool	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		May 2003		11
SJ39K		Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	1 Count of Present	1997		2
SJ39M		Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	1 Count of Present	1995		2
SJ39R		Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	1 Count of Present	1997		2
SJ39S		Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	1 Count of Present	1997		2
SJ342912	Leeds and Liverpool Canal SJ342912 and SJ33892-338952 Bootle	Canadian Waterweed	<i>Elodea canadensis</i>	flowering plant		1982 - 1983		9
SJ342912	Leeds - Liverpool Canal	Canadian Waterweed	<i>Elodea canadensis</i>	flowering plant		July 1982 - August 1982		9
SJ346935	Kirkdale cutting	Cat-mint	<i>Nepeta cataria</i>	flowering plant	1 Count	1987		9
SJ3490	Liverpool City Centre, various sites	Corn Spurrey	<i>Spergula arvensis</i>	flowering plant	1 Count	22/09/1981		9
SJ3490	Liverpool City Centre - various waste sites/car parks/pavements/derelict allotments and gardens	Corn Spurrey	<i>Spergula arvensis</i>	flowering plant	1 Count	22/09/1981		9
SJ365927	St. Peter's Church, Warbreck Road	Corn Spurrey	<i>Spergula arvensis</i>	flowering plant	1 Count	27/07/1983		9
SJ35529184	Everton Park, Shaw Street, Everton, Liverpool, Merseyside, South Lancashire	Cornflower	<i>Centaurea cyanus</i>	flowering plant	local Count of Flowering	13/09/2015	planted Record GUID (from Gilbert 21): b9e55608-35	15
SJ35539205	Everton Park, Roscommon Street, Everton, Liverpool, Merseyside, South Lancashire	Cornflower	<i>Centaurea cyanus</i>	flowering plant	occasional Count of Flowering	13/09/2015	Record GUID (from Gilbert 21): 75bfc400-2ff0-4b2c-	15
SJ35589185	Everton Park, Roscommon Street, Everton, Liverpool, Merseyside, South Lancashire	Cornflower	<i>Centaurea cyanus</i>	flowering plant	occasional Count of Flowering	13/09/2015	planted Record GUID (from Gilbert 21): 88fd9706-97	15
SJ339945	Leeds - Liverpool Canal Section 6	Curly Waterweed	<i>Lagarosiphon major</i>	flowering plant		10/11/1992		11
SJ34089406	Leeds and Liverpool Canal - Ceres Street Bridge	Curly Waterweed	<i>Lagarosiphon major</i>	flowering plant	1 Count of Present	1992	5-25%	8
SJ34369255	Leeds and Liverpool Canal - A5054 Boundary Steet Bridge	Curly Waterweed	<i>Lagarosiphon major</i>	flowering plant	1 Count of Present	1992	5-25%	8
SJ34409341	Leeds and Liverpool Canal - Railway Bridge Parallel Melrose Road	Curly Waterweed	<i>Lagarosiphon major</i>	flowering plant	1 Count of Present	1992	25-50%	8
SJ340944	Open space e of Canal Street Bootle	Dune Fescue	<i>Vulpia fasciculata</i>	flowering plant		03/07/1989		11
SJ3490	Liverpool City Centre - various waste sites/car parks/pavements/derelict allotments and gardens	Field Woundwort	<i>Stachys arvensis</i>	flowering plant	1 Count	22/09/1981		9
SJ3490	Liverpool City Centre, various sites	Field Woundwort	<i>Stachys arvensis</i>	flowering plant	1 Count	22/09/1981		9
SJ350916	Wallasey Tunnel Entrance	Field Woundwort	<i>Stachys arvensis</i>	flowering plant		1981		9

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SJ34089406	Leeds and Liverpool Canal - Ceres Street Bridge	Fringed Water-lily	<i>Nymphoides peltata</i>	flowering plant	1 Count of Present	1992	25-50%	8
SJ34249376	Leeds and Liverpool Canal - A5056 Bankhall street Bridge	Fringed Water-lily	<i>Nymphoides peltata</i>	flowering plant	1 Count of Present	1992	25-50%	8
SJ342912	Leeds and Liverpool Canal SJ342912 and SJ33892-338952 Bootle	Fringed Water-lily	<i>Nymphoides peltata</i>	flowering plant		1982 - 1983		9
SJ342912	Leeds - Liverpool Canal	Fringed Water-lily	<i>Nymphoides peltata</i>	flowering plant		July 1982 - August 1982		9
SJ34369255	Leeds and Liverpool Canal - A5054 Boundary Steet Bridge	Fringed Water-lily	<i>Nymphoides peltata</i>	flowering plant	1 Count of Present	1992	5-25%	8
SJ356923	Everton Village Central Liverpool	Hawkweed	<i>Hieracium aggregatum</i>	flowering plant	1 Count	1983		9
SJ356923	Everton Village Central Liverpool	Hawkweed	<i>Hieracium aggregatum</i>	flowering plant	1 Count	1983		9
SJ342912	Leeds and Liverpool Canal SJ342912 and SJ33892-338952 Bootle	Indian Balsam	<i>Impatiens glandulifera</i>	flowering plant		1982 - 1983		9
SJ342912	Leeds - Liverpool Canal	Indian Balsam	<i>Impatiens glandulifera</i>	flowering plant		July 1982 - August 1982		9
SJ3391	Liverpool Waters	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	1 Count of Present	07/04/2009		5
SJ339945	Leeds - Liverpool Canal Section 6	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant		10/11/1992		11
SJ340945	Disused railway bank w of Kings Road Bootle	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant		12/07/1990		11
SJ340945	Disused railway bank w of Kings Road Bootle	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant		13/08/2002		11
SJ340945	Disused railway bank w of Kings Road Bootle	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant		20/09/1999		11
SJ341944	Kings Road railway embankment, Bootle	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	1 Count	29/09/2004		11
SJ3420094600	Queens Road, Bootle, South Lancashire	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	P Count	08/08/2007		17
SJ3420094600	Queens Road, Bootle, South Lancashire	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	None Count	21/07/2006		17
SJ3420094600	Queens Road, Bootle, South Lancashire	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	P Count	31/05/2006		17
SJ3420094600	Queens Road, Bootle, South Lancashire	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	None Count	August 2006		17
SJ3420094600	Queens Road, Bootle, South Lancashire	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	None Count	September 2006		17
SJ342912	Leeds and Liverpool Canal SJ342912 and SJ33892-338952 Bootle	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant		1982 - 1983		9
SJ342912	Leeds - Liverpool Canal	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant		July 1982 - August 1982	Garden escape	9
SJ342944	Queens Road, Bootle	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	1 Count	29/09/2004		11

SJ342945	Hertford Road, Bootle	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	1 Count	29/09/2004		11
SJ342946	Exeter Road, Bootle	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	1 Count	29/09/2004		11
SJ343943	Viola Street, Bootle	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	1 Count	29/09/2004		11
SJ344944	Wadham Road, Bootle	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	1 Count	29/09/2004		11
SJ346935	Kirkdale cutting	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	1 Count	1987		9
SJ346944	Bedford Road, Bootle	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	1 Count	29/09/2004		11
SJ347939	Melrose Road Railway Cutting, Kirkdale.	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	1 Count	18/07/1997		16
SJ3492	Leeds-Liverpool Canal LWS (Sandhills Ln to Millers Bridge)	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	Present Count	16/09/2015		10
SJ350916	Wallasey Tunnel Entrance	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant		1981		9
SJ351945	Railway cutting w of Brewster Street Bootle	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant		12/07/1990		11
SJ351945	Railway cutting w of Brewster Street Bootle	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant		13/06/1989		11
SJ351946		Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	Present Count	02/07/2013		3
SJ354918	Waste Ground, Prince Edwin Square, Liverpool	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant		02/07/1981		9
SJ355909		Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	Present Count	23/12/2012		3
SJ3590	Prescot Road/Pembroke Place	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	1 Count	02/07/1981		9
SJ3591	Prince Edwin Square, Liverpool	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	1 Count	02/07/1981		9
SJ361936	Stanley Park	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	LA DAFOR	August 1995		16
SJ340945	Disused railway bank w of Kings Road Bootle	Japanese Rose	<i>Rosa rugosa</i>	flowering plant		13/08/2002		11
SJ347939	Melrose Road Railway Cutting, Kirkdale.	Japanese Rose	<i>Rosa rugosa</i>	flowering plant	1 Count	18/07/1997		16
SJ348914	Comus Street, Liverpool - wasteland	Large-flowered Hemp-nettle	<i>Galeopsis speciosa</i>	flowering plant		12/07/2008		18
SJ349259 1416	Wasteland, Liverpool	Large-flowered Hemp-nettle	<i>Galeopsis speciosa</i>	flowering plant		12/07/2008		18
SJ366935	Walton Park Waste Ground	Large-flowered Hemp-nettle	<i>Galeopsis speciosa</i>	flowering plant		1981	Record from Merseyside Natural History Museum, Botany, 1981	9
SJ346935	Kirkdale cutting	Montbretia	<i>Crocasmia pottsii x aurea</i> = <i>C. x crocosmiiflora</i>	flowering plant	1 Count	1987		9
SJ350916	Wallasey Tunnel entrance site.	Montbretia	<i>Crocasmia pottsii x aurea</i> = <i>C. x crocosmiiflora</i>	flowering plant	1 Count	09/06/1981		9

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SJ352947	Railway cutting e of Southport Road Bootle	Montbretia	<i>Crocasmia pottsii</i> x <i>aurea</i> = <i>C. x crocosmiiflora</i>	flowering plant		1990		11
SJ3490	Liverpool Town centre	Northern Yellow-cress	<i>Rorippa islandica</i>	flowering plant	1 Count	1977		9
SJ3490	Liverpool Town Centre - waste land, roadsides, lawns, flowers beds	Northern Yellow-cress	<i>Rorippa islandica</i>	flowering plant	1 Count	1977		9
SJ342912	Leeds - Liverpool Canal	Nuttall's Waterweed	<i>Elodea nuttallii</i>	flowering plant		July 1982 - August 1982		9
SJ343692 55	Leeds and Liverpool Canal - A5054 Boundary Steet Bridge	Nuttall's Waterweed	<i>Elodea nuttallii</i>	flowering plant	1 Count of Present	1992	1-5%	8
SJ344093 41	Leeds and Liverpool Canal - Railway Bridge Parallel Melrose Road	Nuttall's Waterweed	<i>Elodea nuttallii</i>	flowering plant	1 Count of Present	1992	1-5%	8
SJ363329 3713	Anfield Cemetery, Liverpool	Purple Ramping-fumitory	<i>Fumaria purpurea</i>	flowering plant	5 Count of Flowering	2013	at least 5 flowering plants	14
SJ365109 4260	Anfield cemetery	Purple Ramping-fumitory	<i>Fumaria purpurea</i>	flowering plant		August 2004		19
SJ3492	Leeds-Liverpool Canal LWS (Eldonia Village to Sandhills Lane)	Rhododendron ponticum	<i>Rhododendron ponticum</i>	flowering plant	Present Count	15/09/2015		10
SJ359093 47	Stanley Park, Walton Lane, Anfield, Liverpool, Merseyside, South Lancashire	Rhododendron ponticum	<i>Rhododendron ponticum</i>	flowering plant	local Count of Flowering	20/01/2016	Record GUID (from Gilbert 21): c5a0b7e0-	15
SJ361936	Stanley Park	Rhododendron ponticum	<i>Rhododendron ponticum</i>	flowering plant	LF DAFOR	August 1995		16
SJ3693	Stanley Park Area, Anfield, Liverpool	Rhododendron ponticum	<i>Rhododendron ponticum</i>	flowering plant		May 2003	Variety of species	11
SJ350916	Wallasey Tunnel Entrance	Rock Stonecrop	<i>Sedum forsterianum</i>	flowering plant		1981		9
SJ339392 03		Seaside Centaury	<i>Centaureum littorale</i>	flowering plant		06/09/2017		20
SJ340894 06	Leeds and Liverpool Canal - Ceres Street Bridge	Shore Dock	<i>Rumex rupestris</i>	flowering plant	1 Count of Present	1992	1-5%	8
SJ351945	Railway cutting w of Brewster Street Bootle	Virginia-creeper	<i>Parthenocissus quinquefolia</i>	flowering plant		13/06/1989		11
SJ342916	Leeds-Liverpool Canal	Water Germander	<i>Teucrium scordium</i>	flowering plant	O DAFOR	22/08/1995		16
SJ346935	Kirkdale cutting	Welsh Poppy	<i>Meconopsis cambrica</i>	flowering plant	1 Count	1987		9
SJ342920	Leeds & Liverpool canal from Eldonian Village to Stanley Road, Bootle	Wild Pansy	<i>Viola tricolor</i>	flowering plant	1 Count	24/05/2003		21
SJ346935	Kirkdale cutting	Wild Pansy	<i>Viola tricolor</i>	flowering plant	1 Count	1987		9
SJ365927	St. Peter's Church, Warbreck Road	Wild Pansy	<i>Viola tricolor</i>	flowering plant	1 Count	27/07/1983		9
SJ339915	Great Howard street	Willow	<i>Salix caprea</i> subsp. <i>sphacelata</i>	flowering plant		06/01/1995		21
SJ3590	Prescot Road/Pembroke Place	Willow	<i>Salix viminalis</i> x <i>repens</i> = <i>S. x friesiana</i>	flowering plant	1 Count	02/07/1981		9

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SJ344911	Leeds Street	Adonis' Ladybird	<i>Hippodamia (Adonia) variegata</i>	insect - beetle (Coleoptera)	1 Count	04/03/1998	under stone	21
SJ3392	Leeds and Liverpool Canal	Wall	<i>Lasiommata megera</i>	insect - butterfly		10/08/1982		9
SJ3392	Liverpool Locks (Lightbody Street)	Wall	<i>Lasiommata megera</i>	insect - butterfly		10/08/1982-30/11/1982		9
SJ346935	Kirkdale cutting	Wall	<i>Lasiommata megera</i>	insect - butterfly	1 Count	1987		9
SJ3491	Leeds Street Liverpool	Wall	<i>Lasiommata megera</i>	insect - butterfly	2-9 Count	19/08/1993		22
SJ349917	Scotland Road Liverpool	Wall	<i>Lasiommata megera</i>	insect - butterfly	1 Count	July 1982		9
SJ349917	Scotland Road, Liverpool	Wall	<i>Lasiommata megera</i>	insect - butterfly	1 Count	July 1982 - February 1983		9
SJ3694	Anfield Cemetery	Wall	<i>Lasiommata megera</i>	insect - butterfly	2-9 Count	17/08/1993		22
SJ3694	Anfield Cemetery	Wall	<i>Lasiommata megera</i>	insect - butterfly	2-9 Count	24/07/1992		22
SJ3592	Everton Park	Black Darter	<i>Sympetrum danae</i>	insect - dragonfly (Odonata)	Present Count	01/07/1993		3
SJ3592	Everton Park	Black Darter	<i>Sympetrum danae</i>	insect - dragonfly (Odonata)	1 Count of Male	July 1993		23
SJ3392	Leeds and Liverpool Canal	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)		10/08/1982		9
SJ3392	Liverpool Locks (Lightbody Street)	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)		10/08/1982-30/11/1982		9
SJ341917	Leeds & Liverpool Canal Walk - Burlington Street to Stanley Road	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)		24/07/2006		21
SJ343928	Sandhills Lane	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)		11/09/1987		9
SJ346935	Kirkdale cutting	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	1 Count	1987		9
SJ3493	Leeds-Liverpool Canal, Kirkdale	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	3 Count of Adult	08/07/1999		23
SJ3493	Leeds-Liverpool Canal, Kirkdale	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	Present Count	08/07/1999		3
SJ3493	Leeds-Liverpool Canal, Kirkdale	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	3 Count of Adult	08/07/2000		23
SJ3493	Leeds-Liverpool Canal, Kirkdale	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	Present Count	08/07/2000		3
SJ39G	Liverpool Locks (Lightbody Street)	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	present Count	10/08/1982		23
SJ39K	Leeds & Liverpool Canal Walk - Burlington Street to Stanley Road	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	present Count	24/07/2006		23
SJ39L	Sandhills Lane	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	present Count	11/09/1987		23

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SJ39L	Kirkdale cutting	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	present Count	1987		23
SJ341917	Leeds & Liverpool Canal Walk - Burlington Street to Stanley Road	Brown Hawker	<i>Aeshna grandis</i>	insect - dragonfly (Odonata)		24/07/2006		21
SJ39K	Leeds & Liverpool Canal Walk - Burlington Street to Stanley Road	Brown Hawker	<i>Aeshna grandis</i>	insect - dragonfly (Odonata)	present Count	24/07/2006		23
SJ3392	No Location Name Given	Common Blue Damselfly	<i>Enallagma cyathigerum</i>	insect - dragonfly (Odonata)	Present Count	07/07/2000		3
SJ3392		Common Blue Damselfly	<i>Enallagma cyathigerum</i>	insect - dragonfly (Odonata)	4 Count of Adult	07/07/2000		23
SJ341917	Leeds & Liverpool Canal Walk - Burlington Street to Stanley Road	Common Blue Damselfly	<i>Enallagma cyathigerum</i>	insect - dragonfly (Odonata)		24/07/2006	Very common	21
SJ344930	Leeds-Liverpool Canal	Common Blue Damselfly	<i>Enallagma cyathigerum</i>	insect - dragonfly (Odonata)	3 Count	2009		23
SJ344930	Leeds-Liverpool Canal	Common Blue Damselfly	<i>Enallagma cyathigerum</i>	insect - dragonfly (Odonata)	3 Count	30/06/2009		24
SJ3493	Leeds-Liverpool Canal, Kirkdale	Common Blue Damselfly	<i>Enallagma cyathigerum</i>	insect - dragonfly (Odonata)	5 Count of Adult	08/07/1999		23
SJ3493	Leeds-Liverpool Canal, Kirkdale	Common Blue Damselfly	<i>Enallagma cyathigerum</i>	insect - dragonfly (Odonata)	Present Count	08/07/1999		3
SJ3493	Leeds-Liverpool Canal, Kirkdale	Common Blue Damselfly	<i>Enallagma cyathigerum</i>	insect - dragonfly (Odonata)	Present Count	08/07/2000		3
SJ3493	Leeds-Liverpool Canal, Kirkdale	Common Blue Damselfly	<i>Enallagma cyathigerum</i>	insect - dragonfly (Odonata)	5 Count of Adult	08/07/2000		23
SJ39K	Leeds & Liverpool Canal Walk - Burlington Street to Stanley Road	Common Blue Damselfly	<i>Enallagma cyathigerum</i>	insect - dragonfly (Odonata)	present Count	24/07/2006		23
SJ3392	Leeds and Liverpool Canal	Common Darter	<i>Sympetrum striolatum</i>	insect - dragonfly (Odonata)		10/08/1982		9
SJ3392	Liverpool Locks (Lightbody Street)	Common Darter	<i>Sympetrum striolatum</i>	insect - dragonfly (Odonata)		10/08/1982-30/11/1982		9
SJ343948	Bootle	Common Darter	<i>Sympetrum striolatum</i>	insect - dragonfly (Odonata)	1 Count of Male	17/09/1998		23
SJ343948	Bootle	Common Darter	<i>Sympetrum striolatum</i>	insect - dragonfly (Odonata)	1 Count of Male	27/08/2004		23
SJ3494		Common Darter	<i>Sympetrum striolatum</i>	insect - dragonfly (Odonata)	Present Count	17/09/1998		3
SJ3494	Kirkdale Station	Common Darter	<i>Sympetrum striolatum</i>	insect - dragonfly (Odonata)	3 Count of Adult	25/07/1999		23
SJ3494	Kirkdale Station	Common Darter	<i>Sympetrum striolatum</i>	insect - dragonfly (Odonata)	Present Count	25/07/1999		3
SJ352920	Everton Nature Garden LWS	Common Darter	<i>Sympetrum striolatum</i>	insect - dragonfly (Odonata)	2 Count of Adult	03/09/2015		10
SJ352920	Langrove Street, Liverpool L5, South Lancashire	Common Darter	<i>Sympetrum striolatum</i>	insect - dragonfly (Odonata)	Present Count of Adult	03/09/2015	Everton Park Nature Garden	12

SJ35569204	Everton Park, Roscommon Street, Everton, Liverpool, Merseyside, South Lancashire	Common Darter	<i>Sympetrum striolatum</i>	insect - dragonfly (Odonata)	1 Count of Adult Female	13/09/2015	Record GUID (from Gilbert 21): 7aec85d8-7016-4187-	15
SJ364936	Anfield Crematorium	Common Darter	<i>Sympetrum striolatum</i>	insect - dragonfly (Odonata)	1 Count of Male	11/08/2005		23
SJ39G	Liverpool Locks (Lightbody Street)	Common Darter	<i>Sympetrum striolatum</i>	insect - dragonfly (Odonata)	present Count	10/08/1982		23
SJ341917	Leeds & Liverpool Canal Walk - Burlington Street to Stanley Road	Emperor Dragonfly	<i>Anax imperator</i>	insect - dragonfly (Odonata)		24/07/2006	Inc. a ovipositing female and several males at Stanley Road, Bootle	21
SJ39K	Leeds & Liverpool Canal Walk - Burlington Street to Stanley Road	Emperor Dragonfly	<i>Anax imperator</i>	insect - dragonfly (Odonata)	1 Count of ovipositing; 1 Count of Female; Several Count of Total; Several Count of Male	24/07/2006		23
SJ3392		Southern Hawker	<i>Aeshna cyanea</i>	insect - dragonfly (Odonata)	1 Count of Adult	07/07/2000		23
SJ341917	Leeds & Liverpool Canal Walk - Burlington Street to Stanley Road	Southern Hawker	<i>Aeshna cyanea</i>	insect - dragonfly (Odonata)		24/07/2006		21
SJ343948	Bootle	Southern Hawker	<i>Aeshna cyanea</i>	insect - dragonfly (Odonata)	1 Count of Male	10/09/2003		23
SJ343948	Bootle	Southern Hawker	<i>Aeshna cyanea</i>	insect - dragonfly (Odonata)	1 Count of Female	17/09/1998		23
SJ3493	Sandhills Station	Southern Hawker	<i>Aeshna cyanea</i>	insect - dragonfly (Odonata)	Present Count	11/09/2003		3
SJ3493	Sandhills Station	Southern Hawker	<i>Aeshna cyanea</i>	insect - dragonfly (Odonata)	1 Count of Adult	11/09/2003		23
SJ3494		Southern Hawker	<i>Aeshna cyanea</i>	insect - dragonfly (Odonata)	Present Count	17/09/1998		3
SJ39K	Leeds & Liverpool Canal Walk - Burlington Street to Stanley Road	Southern Hawker	<i>Aeshna cyanea</i>	insect - dragonfly (Odonata)	present Count	24/07/2006		23
SJ3392	Leeds and Liverpool Canal	Marsh Pond Snail	<i>Lymnaea (Stagnicola) palustris</i>	mollusc		10/08/1982		9
SJ3591	Liverpool area	Common Lizard	<i>Zootoca vivipara</i>	reptile	Present Count	31/12/1903		3
SJ3490	Liverpool, Derby Square	Bats	<i>Chiroptera</i>	terrestrial mammal		1985		28
SJ349934	Merseyside	Bats	<i>Chiroptera</i>	terrestrial mammal	2 Count	22/07/2006	Sunset Survey	29
SJ360936	Anfield Stadium and Stanley Park Area, Liverpool	Bats	<i>Chiroptera</i>	terrestrial mammal		2008	North Merseyside BAP species potentially present at the site	11
SJ366939	Anfield Cemetery (Southwest), Liverpool	Bats	<i>Chiroptera</i>	terrestrial mammal	1 Count of Adult	August 2000	Unidentified (UI), 2150 hrs, passing along tree line. No feeding buzz	11
SJ366939	Anfield Cemetery (Southwest), Liverpool	Bats	<i>Chiroptera</i>	terrestrial mammal	1 Count of Adult	August 2000	Unidentified species (UI) 21::35 hrs, commuting, faint registration	11
SJ3693	# - 49 Anfield Road, Liverpool	Bats	<i>Chiroptera</i>	terrestrial		13/10/2003-		11

				mammal		14/10/2003		
SJ3693	Anfield Football Ground	Bats	<i>Chiroptera</i>	terrestrial mammal	1 Count of Adult	25/09/1991		28
SJ3693	Anfield Stadium and Stanley Park Area, Liverpool	Bats	<i>Chiroptera</i>	terrestrial mammal	1 Count of Adult	25/09/1991	Species UI, 1 observed in flight during match, high above the kop	11
SJ3793	Anfield, Townsend Lane	Bats	<i>Chiroptera</i>	terrestrial mammal		01/06/1993		28
SJ3793	Anfield, Maiden Lane	Bats	<i>Chiroptera</i>	terrestrial mammal	4+ Count of Adult	1990		28
SJ3793	Merseyside, Liverpool, Anfield, Townsend Lane	Bats	<i>Chiroptera</i>	terrestrial mammal	1 Count of in flight	June 1993	Bats seen feeding in field near townsend lane in june 1993	30
SJ39L		Bats	<i>Chiroptera</i>	terrestrial mammal	Present Count	01/01/1990		3
SJ3391	South Huskisson Dock	Black Rat	<i>Rattus rattus</i>	terrestrial mammal		27/06/1983	Trapped. Record from dead specimines at museum.	31
SJ3391	South Huskisson Dock	Black Rat	<i>Rattus rattus</i>	terrestrial mammal		28/06/1983	Trapped. Record from dead specimines at museum.	31
SJ3392	Sandon Dock, Liverpool	Black Rat	<i>Rattus rattus</i>	terrestrial mammal		April 1983	Record from dead specimines at museum.	31
SJ3393	Canada Dock, Liverpool	Black Rat	<i>Rattus rattus</i>	terrestrial mammal		23/06/1983	Record from dead specimines at museum.	31
SJ3394	Mersey Narrows	Black Rat	<i>Rattus rattus</i>	terrestrial mammal	1 Count of Present	1951		27
SJ3394	Mersey Narrows	Black Rat	<i>Rattus rattus</i>	terrestrial mammal	1 Count of Present	1956		27
SJ3394	Mersey Narrows	Black Rat	<i>Rattus rattus</i>	terrestrial mammal	1 Count of Present	1961		27
SJ3490	central station, liverpool	Black Rat	<i>Rattus rattus</i>	terrestrial mammal		13/12/1928	female pale, fawn/grey, pink eyes	32
SJ3490	Liverpool City Centre, Merseyside	Black Rat	<i>Rattus rattus</i>	terrestrial mammal	1 Count of Present	1951		27
SJ3490	Birkenhead Docks, Birkenhead	Black Rat	<i>Rattus rattus</i>	terrestrial mammal	1 Count of Present	1961		27
SJ3494	Mersey Narrows	Black Rat	<i>Rattus rattus</i>	terrestrial mammal	1 Count of Present	1961		27
SJ3590	Birkenhead Docks, Birkenhead	Black Rat	<i>Rattus rattus</i>	terrestrial mammal	17073 Count	1924		27
SJ3590	Birkenhead Docks, Birkenhead	Black Rat	<i>Rattus rattus</i>	terrestrial mammal	16300 Count	1930		27
SJ3590	Birkenhead Docks, Birkenhead	Black Rat	<i>Rattus rattus</i>	terrestrial mammal	15813 Count	1931		27
SJ3590	Birkenhead Docks, Birkenhead	Black Rat	<i>Rattus rattus</i>	terrestrial mammal	14975 Count	1932		27

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SJ3590	Birkenhead Docks, Birkenhead	Black Rat	<i>Rattus rattus</i>	terrestrial mammal	1 Count	1986		27
SJ3590	Birkenhead Docks, Birkenhead	Black Rat	<i>Rattus rattus</i>	terrestrial mammal	1 Count	26/01/1889		27
SJ3591	Liverpool City Centre, Merseyside	Black Rat	<i>Rattus rattus</i>	terrestrial mammal	1 Count of Present	1937		27
SJ3591	Liverpool City Centre, Merseyside	Black Rat	<i>Rattus rattus</i>	terrestrial mammal	1 Count of Present	1951		27
SJ3591	Liverpool City Centre, Merseyside	Black Rat	<i>Rattus rattus</i>	terrestrial mammal	1 Count of Present	1956		27
SJ3591	Liverpool City Centre, Merseyside	Black Rat	<i>Rattus rattus</i>	terrestrial mammal	1 Count of Present	1961		27
SJ3591	Liverpool City Centre, Merseyside	Black Rat	<i>Rattus rattus</i>	terrestrial mammal	1 Count of Present	1989		27
SJ3590	Merseyside,Liverpool,City Centre Liverpool Dental Hospital	Brown Long-eared Bat	<i>Plecotus auritus</i>	terrestrial mammal	1 Count of Roosting	26/11/1991	Telephone record to Martin Mere W.W.T of what sounded very much like a grounded Long-Eared bat but it crawled off and they lost it	30
SJ3590	Liverpool Dental Hospital	Brown Long-eared Bat	<i>Plecotus auritus</i>	terrestrial mammal		26/11/1991		28
SJ3693	Merseyside,Liverpool,Anfield Cemetery	Brown Long-eared Bat	<i>Plecotus auritus</i>	terrestrial mammal	1 Count of in flight	1911	One seen hawking moths during the summer	30
SJ3693	Anfield Cemetery	Brown Long-eared Bat	<i>Plecotus auritus</i>	terrestrial mammal		1911		28
SJ3693	walton cemetery	Brown Long-eared Bat	<i>Plecotus auritus</i>	terrestrial mammal		1911	one seen hawking moths over the summer	32
SJ3693	Merseyside,Liverpool,Anfield Football Ground	Brown Long-eared Bat	<i>Plecotus auritus</i>	terrestrial mammal	1 Count of in flight	25/09/1991	bat seen flying during match,high above the cop	30
SJ3793	Merseyside,Liverpool,Anfield,Maiden Lane	Brown Long-eared Bat	<i>Plecotus auritus</i>	terrestrial mammal	4 Count of in flight	1989 - 1992	Bats seen flying over pond in garden for past 4 years at least	30
SJ336579 2069		Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of Roost	August 2016	roost entry location	14
SJ337099 2007		Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of Roost	August 2016	roost entry location	14
SJ337409 2021		Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of Roost	August 2016	roost entry location	14
SJ337429 2039	Near Great Howard St., Liverpool	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count	01/06/2015	at least six roosting bats - suspected maternity colony; Tobacco warehouse	14
SJ337920	Liverpool Tobacco Warehouse, Stanley Dock	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	1 Count of Roost	01/08/2016	Day or maternity roost; Ground level / loading bays, 1st floors and 11th floor, 1st floor west; 3:59 - 5:44 AM	14

SJ337920	Liverpool Tobacco Warehouse, Stanley Dock	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	3 Count of Roost	01/08/2016	Day or maternity roost; Ground level / loading bays, 1st floors and 11th floor, Ground floor East; 3:59 - 5:44 AM	14
SJ337920	Liverpool Tobacco Warehouse, Stanley Dock	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	1 Count of Roost	01/08/2016	Day or maternity roost; Ground level / loading bays, 1st floors and 11th floor, 11th Floor South; 3:59 - 5:44 AM	14
SJ337920	Liverpool Tobacco Warehouse, Stanley Dock	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	2 Count of Roost	15/08/2016	Day or maternity roost; Ground level / loading bays, 1st floors and top floors, emerge ground floor north aspect; 8:24 - 10:39 PM	14
SJ337920	Liverpool Tobacco Warehouse, Stanley Dock	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	2 Count of Roost	15/08/2016	Day or maternity roost; Ground level / loading bays, 1st floors and top floors, emergence, east aspect ground floor; 8:24 - 10:39 PM	14
SJ337920	Liverpool Tobacco Warehouse, Stanley Dock	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	3 Count of Roost	15/08/2016	Day or maternity roost; Ground level / loading bays, 1st floors and top floors, Emerge ground floor North and, 1st floor North; 8:24 - 10:39 PM	14
SJ337920	Liverpool Tobacco Warehouse, Stanley Dock	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	1 Count of Roost	22/06/2015	Day or maternity roost; 3rd floor window, Western gable end; 9:14 - 11:45 PM	14
SJ337920	Liverpool Tobacco Warehouse, Stanley Dock	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	1 Count of Roost	22/06/2015	Day or maternity roost; 3rd floor window, Southern side; 9:14 - 11:45 PM	14
SJ337920	Liverpool Tobacco Warehouse, Stanley Dock	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	2 Count of Roost	22/06/2015	Day or maternity roost; Loading bay, NE corner; 9:14 - 11:45 PM	14
SJ337920	Liverpool Tobacco Warehouse, Stanley Dock	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	2 Count of Roost	26/06/2015	Day or maternity roost; Loading bay, NE corner; 3:14 - 5:00 AM	14
SJ337920	Liverpool Tobacco Warehouse, Stanley Dock	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	1 Count of Roost	26/06/2015	Day or maternity roost; 3rd floor window, Southern side; 3:14 - 5:00 AM	14
SJ337920	Liverpool Tobacco Warehouse, Stanley Dock	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	1 Count of Roost	26/06/2015	Day or maternity roost; 12th floor, NE corner; 3:14 - 5:00 AM	14
SJ337920	Liverpool Tobacco Warehouse, Stanley Dock	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	1 Count of Roost	28/07/2016	Day or maternity roost; Ground level / loading bays and top floors, emergence, east aspect ground floor; 8:59 - 11:14 PM	14
SJ337920	Liverpool Tobacco Warehouse, Stanley Dock	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of Roost	28/07/2016	Day or maternity roost; ground floor, Suspected emergence, north aspect; 8:59 - 11:14 PM	14
SJ337920	Liverpool Tobacco Warehouse, Stanley Dock	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	2 Count of Roost	28/07/2016	Day or maternity roost; Ground level / loading bays and top floors, emerged, southern aspect; 8:59 - 11:14 PM	14

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SJ337920	Liverpool Tobacco Warehouse, Stanley Dock	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	1 Count of Roost	30/06/2015	Day or maternity roost; 12th floor, Northern side; 9:14 - 11:45 PM	14
SJ337920	Liverpool Tobacco Warehouse, Stanley Dock	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	2 Count of Roost	30/06/2015	Day or maternity roost; Loading bay, NE corner ; 9:14 - 11:45 PM	14
SJ337920	Liverpool Tobacco Warehouse, Stanley Dock	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	3 Count of Roost	30/06/2015	Day or maternity roost; 3rd floor window, Southern side; 9:14 - 11:45 PM	14
SJ338209 2012		Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of Roost	August 2016	roost entry location	14
SJ338369 2075		Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of Roost	August 2016	roost entry location	14
SJ3391	Liverpool Waters	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	1 Count of Present	14/07/2009-27/07/2009		5
SJ343947	Hugh Baird	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	1 Count of feeding	01/06/2012		33
SJ351909	Merseyside	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	1 Male Count of Adult	05/06/2009	Record of dead bat through VLA passive monitoring, reference number: Bat 10/060	35
SJ351912	Merseyside	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	1 Female Count of Adult	28/07/2009	Record of dead bat through VLA passive monitoring, reference number: Bat 10/040	35
SJ362493 08	Anfield stadium	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	1 Count of in flight	30/10/2013		34
SJ366939	Anfield Cemetery (North), Liverpool	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	1 Count of Adult	August 2000	45 KHz Pip, 2215 hrs, circling a tree and feeding	11
SJ3693	Stanley Park (west bowling green), Liverpool	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	1 Count of Adult	August 2000	45 KHz pip, 22::55 hrs, feeding	11
SJ3693	Stanley Park (planted corridor), Liverpool	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	1 Count of Adult	August 2000	45 KHz pip, 22::30 hrs, commuting	11
SJ3693	Anfield Stadium, Liverpool	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	1 Count of Adult	May 2003	During an evening emergence survey of the stadium a single bat (species indeterminable) was very briefly recorded from within the stadium. Involved 2 brief detections, approx 30 secs apart, within the vicinity of the main stand	11
SJ3693	Stanley Park, Liverpool	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	1 Count of Adult	May 2003	Evening emergence survey, Pipistrelle bat (45 KHz) was recorded flying directly down the path behind the Anfield Road properties, 21::35 hrs	11
SJ3693	Anfield Stadium, Liverpool	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	1 Count; P Count of Roost	September 2004	During a further emergence survey of the stadium a single bat was seen within the stands and then flying across the pitch, thus confirming the	11

							stadium as a roost site.	
SJ343948	South Lancashire	Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal	1 Count	13/10/2010		37
SJ344947	Springfield Road, Bootle	Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal	1 Count	27/09/2009		38
SJ3491	Scotland Road	Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal	1 Count of Present	2012	Lots.	36
SJ352949	Manor Close Bootle	Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal	1 Count	15/08/2012		36
SJ3590	Liverpool University Precinct	Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal	Present Count	20/09/2015		39
SJ3592	Everton Park (lower part)	Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal	Present Count	02/09/2015		39
SJ3592	Everton Park Nature Garden	Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal	Present Count	04/03/2014		40
SJ363915	Liverpool	Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal	Present Count	07/11/2012		3
SJ3693	Stanley Park, Liverpool	Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal	Present Count	06/03/2014		40
SJ3693	Anfield Cemetery	Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal	2 Count	06/03/2014		40
SJ3693	Stanley Park, Liverpool	Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal	Present Count	07/03/2015		39
SJ3693	Stanley Park	Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal	1 Count of Present	2012	Lots.	36
SJ3590	Liverpool City Centre, Merseyside	Eurasian Red Squirrel	<i>Sciurus vulgaris</i>	terrestrial mammal	1 Count of Present	1970		27
SJ360936	Stanley Park Area, Anfield, Liverpool	Eurasian Red Squirrel	<i>Sciurus vulgaris</i>	terrestrial mammal		1997 - 1999	Status:: SJ39S Present	11
SJ344933	Leeds Liverpool Canal Sandhills LWS	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count	07/06/2015	Feeding on floating water lilies	41
SJ3492	Leeds-Liverpool Canal LWS (Sandhills Ln to Millers Bridge)	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count	16/09/2015		10
SJ3492	liverpool canal	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal		30/06/1987	adult, burrow	32
SJ3492	MERSEYSIDE, LIVERPOOL, LEEDS-LIVERPOOL CANAL	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Adult	30/06/1987		39
SJ3493	Leeds Liverpool Canal Sandhills LWS	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	Present Count of Burrow	04/06/2015	17 burrows only with "lawns"; no animals seen. Specific Grid refs. SJ344931 + 932	41
SJ3494	By Leeds - Liverpool canal	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	Present Count	1987		39
SJ3494	By Leeds - Liverpool canal	European Water Vole	<i>Arvicola amphibius</i>	terrestrial	Present Count	30/06/1987		39

				mammal				
SJ360936	Stanley Park Area, Anfield, Liverpool	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal		1997 - 1999	Status:: SJ39L Probable or proved breeding	11
SJ337920	Liverpool Tobacco Warehouse, Stanley Dock	Noctule Bat	<i>Nyctalus noctula</i>	terrestrial mammal	1 Count of Roost	28/07/2016	Day or maternity roost; top floor, suspected noctule emergence; 8:59 - 11:14 PM	14
SJ33829198	Tobacco Warehouse, Stanley Dock, Bootle	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Present Count of DAFOR	28/07/2016	Species recorded over 3 hours at different times on Ecological site survey.	42
SJ3490	derby square, liverpool	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal		1985	one on floor (possibly sick) & droppings	32
SJ3490	Merseyside, Liverpool, City Centre, Derby Square	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	1 Count	1985	One found on floor, possibly sick, some droppings present	30
SJ351942	Merseyside, Liverpool, Kirkdale	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	1 Count of in flight	1991 - 1996	detected with bat detector, feeding in parkland, flight, regular beat	30
SJ3591	Everton Park (upper part)	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	Present Count	01/10/2015		39
SJ360936	Anfield Stadium and Stanley Park Area, Liverpool	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal		2008		11
SJ362928	Anfield restoration project	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	1 Count	18/06/2012		43
SJ362928	Granton road	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	1 Count of Present	June 2012	Frequently seen around boarded up buildings along Granton road, may be roosting nearby.	43
SJ3490		West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	Present Count	04/04/2011		3
SJ3490		West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	Present Count	13/06/2011		3
SJ3490		West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	Present Count	20/06/2011		3
SJ3490		West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	Present Count	25/04/2011		3
SJ3491		West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	Present Count	31/12/2006		3
SJ350948	Quarry Road Bootle	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	1 Count	June 2012		36
SJ3591	Everton Park (upper part)	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	Present Count	16/08/2015	Freshly dead individual.	39
SJ3593		West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	Present Count	01/01/2005		3
SJ3593		West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	Present Count	01/01/2012		3

SJ3593		West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	Present Count	01/01/2013		3
SJ3694		West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	Present Count	01/01/2014		3

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
SJ334189 2648	Derelict gatehouse building, Wellington Dock	Bats	<i>Chiroptera</i>	terrestrial mammal	0 Count of Roost	03/06/2011		8
SJ3693	# - 4B Anfield Court, Liverpool	Bats	<i>Chiroptera</i>	terrestrial mammal	0 Count of Adult	13/10/2003- 14/10/2003	No records of bat presence could be found in any of the properties investigated.	11
SJ3693	# - 63 Anfield Court, Liverpool	Bats	<i>Chiroptera</i>	terrestrial mammal	0 Count of Adult	13/10/2003- 14/10/2003	No records of bat presence could be found in any of the properties investigated.	11
SJ3693	# - 67 Anfield Court, Liverpool	Bats	<i>Chiroptera</i>	terrestrial mammal	0 Count of Adult	13/10/2003- 14/10/2003	No records of bat presence could be found in any of the properties investigated.	11
SJ3693	# - 2B Anfield Court, Liverpool	Bats	<i>Chiroptera</i>	terrestrial mammal	0 Count of Adult	13/10/2003- 14/10/2003	No records of bat presence could be found in any of the properties investigated.	11
SJ3693	Anfield Road Properties, Liverpool	Bats	<i>Chiroptera</i>	terrestrial mammal	0 Count of Adult	2003 - 2004	No evidence of bat presence could be found in any of the properties inspected	11
SJ334926	Wellington Docks	Bats	<i>Chiroptera</i>	terrestrial mammal	0 Count of Roost	03/06/2011		34
SJ3693	# - 71 Anfield Court, Liverpool	Bats	<i>Chiroptera</i>	terrestrial mammal	0 Count of Adult	13/10/2003- 14/10/2003	No records of bat presence could be found in any of the properties investigated.	11
SJ339942	Bedford Place canal foot bridge, Bootle	Bats	<i>Chiroptera</i>	terrestrial mammal	0 Count of Roosting	31/01/2008		9
SJ339199 4391	Leed/ Liverpool Canal (Bank Hall Station)	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	0 Count	23/06/2009	One of the other wildlife noted was a Little Grebe	44

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 Atlas, the type is 'NBN' and the name of the data provider is given.

Source key	Dataset or data provider	Type
1	Peter Tipping Triturus	BioBank
2	Lancashire Wildlife Trust Dataset	BioBank
3	NBN Gateway	BioBank
4	BIRDS - LCFS Records	BioBank
5	Report Harvest 2011 07-09	BioBank
6	Ad hoc 2011	BioBank
7	Mersey Pirates	BioBank
8	Report Harvest 2012 04-06	BioBank
9	Liverpool Musuem	BioBank
10	Ami Weir General	BioBank
11	EAS Dataset	BioBank
12	RODIS General Howard Harris	BioBank
13	Liverpool Space for Nature Report	BioBank
14	Daniel Foy General	BioBank
15	RODIS General Steve McWilliam	BioBank
16	Phase 1 surveys 1995	BioBank
17	RODIS Harvested 2013 04-06	BioBank
18	Ad hoc before 2010	BioBank
19	Report Harvest 2011 01-03	BioBank
20	MBB Online General	BioBank
21	Chris Felton's Notebooks 1993-2007	BioBank
22	Butterfly Conservation Butterflies	BioBank
23	Lancashire and Cheshire Fauna Society Odonata	BioBank
24	Tony Parker General	BioBank
25	Lancashire Moth Group macro-moths	BioBank
26	iRecord combined surveys	BioBank
27	Cheshire rECOrd Overlap	BioBank
28	Liverpool Museum Bats	BioBank

29	BCT NBMP Survey Data	BioBank
30	Merseyside & West Lancs Bat Group	BioBank
31	Liverpool Museum Mammal Day Book	BioBank
32	Mammal Society	BioBank
33	Report Harvest 2013 04-06	BioBank
34	Report Harvest 2016	BioBank
35	BCT VLA Passive Surveillance 2005-2010	BioBank
36	MBB Online - Mole Patrol	BioBank
37	RODIS Admin	BioBank
38	Red Squirrel Project	BioBank
39	Lancashire and Cheshire Fauna Society Mammal Atlas	BioBank
40	Lancashire and Cheshire Fauna Society	BioBank
41	John Highet Water Vole	BioBank
42	Gilbert21 Mark Pritchard	BioBank
43	MBB Online - Bats	BioBank
44	Northwest Lowlands Water Vole Project 2009	BioBank

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.

