



15F 1416

Biodiversity Information Report 10/04/2015

MBB reference: 1413-Arbtech

Site: Liverpool Golf Centre

15F 1416



**The Local Biodiversity
Records Centre
for North Merseyside**

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Date: 10/04/2015

Merseyside BioBank biodiversity information report

These are the results of your data request relating to an area at **Liverpool Golf Centre** defined by a buffer of 2000 metres around the centre of grid reference **SJ443888**.

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

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

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

Species records

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

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

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

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

UK Protected Species

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

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

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

Group	Common Name	Scientific Name	Records	Dates	Designations
amphibian	Common Frog	<i>Rana temporaria</i>	10	1996-2013	WCA5/9.5a,WCA5/9.5b
	Common Toad	<i>Bufo bufo</i>	1	1999	WCA5/9.5a,WCA5/9.5b
	Great Crested Newt	<i>Triturus cristatus</i>	30	2004-2013	HabRegs2,WCA5/9.4b,WCA5/9.5a,WC A5/9.5b,WCA5/9.4c
	Smooth Newt	<i>Lissotriton vulgaris</i>	19	1999-2008	WCA5/9.5a,WCA5/9.5b
bird	Barn Owl	<i>Tyto alba</i>	5	1997-1999	WCA1i
	Kingfisher	<i>Alcedo atthis</i>	4	1997-2014	WCA1i
	Little Ringed Plover	<i>Charadrius dubius</i>	1	1999	WCA1i
flowering plant	Bluebell	<i>Hyacinthoides non-scripta</i>	22	1981-2013	WCA8
terrestrial mammal	Brown Long-eared Bat	<i>Plecotus auritus</i>	4	1995-1999	HabRegs2,WCA5/9.4b,WCA5/9.5a,WC A5/9.5b,WCA5/9.4c
	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	5	2002-2012	HabRegs2,WCA5/9.4b,WCA5/9.5a,WC A5/9.5b,WCA5/9.4c
	Eurasian Red Squirrel	<i>Sciurus vulgaris</i>	2	2008	WCA5/9.1k/i,WCA5/9.1t,WCA5/9.2,WC A5/9.4.a,WCA5/9.4b,WCA5/9.5a
	European Water Vole	<i>Arvicola amphibius</i>	15	1998-2011	WCA5/9.1k/i,WCA5/9.1t,WCA5/9.2,WC A5/9.4.a,WCA5/9.4b,WCA5/9.5a,WCA5 /9.5b,WCA5/9.4c
	Feral Ferret	<i>Mustela putorius subsp. furo</i>	1	1993	HabRegs4
	Noctule Bat	<i>Nyctalus noctula</i>	4	1988	HabRegs2,WCA5/9.4b,WCA5/9.5a,WC A5/9.5b,WCA5/9.4c
	Pipistrelle Bat species	<i>Pipistrellus</i>	13	1989-2011	HabRegs2,WCA5/9.4b,WCA5/9.5a,WC A5/9.5b,WCA5/9.4c
	Soprano Pipistrelle	<i>Pipistrellus pygmaeus</i>	1	2012	HabRegs2,WCA5/9.4b,WCA5/9.5a,WC A5/9.5b,WCA5/9.4c

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.
WCA5/9.5b	Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5b)	Section 9.5 Animals which are protected from being published or advertised as being for sale.
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.
WCA1i	Wildlife and Countryside Act 1981 (Schedule 1 Part 1)	Birds which 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).
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.
WCA5/9.1l	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.
HabRegs4	The Conservation (Natural Habitats, &c.) Regulations 2010 (Schedule 4)	Schedule 4- Animals which may not be taken or killed in certain ways

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
amphibian	Great Crested Newt	<i>Triturus cristatus</i>	30	2004-2013	LBAP
bird	Corn Bunting	<i>Emberiza calandra</i>	5	1998-1999	LBAP
	Grey Partridge	<i>Perdix perdix</i>	13	1998-2002	LBAP
	House Martin	<i>Delichon urbicum</i>	10	1997-2004	LBAP
	House Sparrow	<i>Passer domesticus</i>	22	1997-2001	LBAP
	Lapwing	<i>Vanellus vanellus</i>	6	1998-2002	LBAP
	Skylark	<i>Alauda arvensis</i>	17	1998-2002	LBAP
	Song Thrush	<i>Turdus philomelos</i>	10	1997-1999	LBAP
	Starling	<i>Sturnus vulgaris</i>	8	1997-1999	LBAP
	Swift	<i>Apus apus</i>	6	1998-2004	LBAP
flowering plant	Bluebell	<i>Hyacinthoides non-scripta</i>	22	1981-2013	LBAP
insect - dragonfly (Odonata)	Azure Damselfly	<i>Coenagrion puella</i>	10	1989-2011	LBAP
	Blue-tailed Damselfly	<i>Ischnura elegans</i>	12	1991-2009	LBAP

	Broad-bodied Chaser	<i>Libellula depressa</i>	8	2006-2013	LBAP
	Brown Hawker	<i>Aeshna grandis</i>	2	1989-1990	LBAP
	Common Blue Damselfly	<i>Enallagma cyathigerum</i>	1	1982	LBAP
	Common Darter	<i>Sympetrum striolatum</i>	7	1990-2010	LBAP
	Common Hawker	<i>Aeshna juncea</i>	1	1990	LBAP
	Emerald Damselfly	<i>Lestes sponsa</i>	2	1994	LBAP
	Emperor Dragonfly	<i>Anax imperator</i>	8	2006-2011	LBAP
	Four-spotted Chaser	<i>Libellula quadrimaculata</i>	2	1999-2009	LBAP
	Large Red Damselfly	<i>Pyrrhosoma nymphula</i>	1	1998	LBAP
	Migrant Hawker	<i>Aeshna mixta</i>	2	2012	LBAP
	Southern Hawker	<i>Aeshna cyanea</i>	3	2000-2005	LBAP
terrestrial mammal	Bats	<i>Chiroptera</i>	18	1988-2013	LBAP
	Brown Hare	<i>Lepus europaeus</i>	10	1972-2010	LBAP
	Brown Long-eared Bat	<i>Plecotus auritus</i>	4	1995-1999	LBAP
	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	5	2002-2012	LBAP
	Eurasian Red Squirrel	<i>Sciurus vulgaris</i>	2	2008	LBAP
	European Water Vole	<i>Arvicola amphibius</i>	15	1998-2011	LBAP
	Noctule Bat	<i>Nyctalus noctula</i>	4	1988	LBAP
	Pipistrelle Bat species	<i>Pipistrellus</i>	13	1989-2011	LBAP
	Soprano Pipistrelle	<i>Pipistrellus pygmaeus</i>	1	2012	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: Great Crested Newt (*Triturus cristatus*)

Great Crested Newt is thought to have been in decline since the 1940s. Over a period of five years in the 1980s 2% of all UK colonies were lost, and although Britain remains a stronghold for this species, it is now considered to be dependant on conservation and is afforded international protection.

There is no current North Merseyside population estimate, though recent surveys suggest that in the general North West area around 25% of ponds have Great Crested Newts. A study of the parts of the Sefton Coast showed that a number of populations were present.

This species is highly dependant on the quality of ponds and also the habitat in the surrounding area (where they forage and hibernate away from the water). Habitat loss is the greatest cause of decline with many ponds being drained or drying up as a result of natural succession. Removal of scrub and woodland in addition to over-grazing and intensive management of surrounding grassland is also detrimental. Other factors which may affect population levels include predation by fish and waterfowl, habitat fragmentation and pollution.

NM BAP species: Corn Bunting (*Emberiza calandra*)

Nationally this species has significantly declined with a loss of 90% of the UK population between 1970 and 2005 and large contractions in the species range.

Locally Corn Bunting is thought to have undergone severe declines with only an estimated 200 pairs remaining in 1997-99. Corn Buntings are sparsely distributed across much of North Merseyside's arable farmland.

Declines are thought to be caused by changes in agricultural practices. Sowing cereals later in the year, increasing use of herbicide and the removal of fallow fields have all greatly reduced winter seed sources. Increasing use of pesticides has reduced the availability of invertebrate food sources. Earlier crop harvesting may also result in the destruction of some nests, especially where there are limited uncropped areas.

NM BAP species: Grey Partridge (*Perdix perdix*)

The UK population of Grey Partridge declined by 88% between 1970 and 2005 and though still widespread shows distinct variation according to agricultural practices. In North Merseyside there were an estimated 300 pairs in 1997-99 and they are present in all suitable habitat.

Loss of suitable habitat is the main cause of decline in this species, with changes in agricultural practices being particularly detrimental. The amalgamation of small fields into a larger ones and the removal of hedgerows, ditches and other field margins have destroyed potential nesting sites. Changes in sowing, harvesting and crop type have removed essential winter food sources.

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 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: Dragonflies (*Coenagrion puella*; *Ischnura elegans*; *Libellula depressa*; *Aeshna grandis*; *Enallagma cyathigerum*; *Sympetrum striolatum*; *Aeshna juncea*; *Lestes sponsa*; *Anax imperator*; *Libellula quadrimaculata*; *Pyrrosoma nymphula*; *Aeshna mixta*; *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: Brown Hare (*Lepus europaeus*)

Whilst still well distributed in North Merseyside it is thought that the local population of Brown Hare declined in-line with National trends which have shown severe declines in the western pastoral parts of the country to around 20% of the numbers present in Victorian times.

Reasons for local declines are thought to include loss and fragmentation of suitable habitat to development, illegal hunting and changes in farming practices and land use that cause increased disturbance (changes in cropping/sowing times, livestock trampling and recreation).

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

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

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

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

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

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

- Regional Planning Bodies and Local Planning Authorities must use it to identify the species that should be afforded priority when applying the requirements of National Planning Policy Framework (NPPF) to maintain, restore and enhance species and habitats.
- Local Planning Authorities must use it to identify the species that require specific consideration in dealing with planning and development control, recognising that under NPPF the aim of planning decisions should be to minimise impacts on biodiversity and geodiversity.
- All Public Bodies must use it to identify species that should be given priority when implementing the NERC Section 40 duty.

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

Group	Common Name	Scientific Name	Records	Dates	Designations
amphibian	Common Toad	<i>Bufo bufo</i>	1	1999	Sect.41
	Great Crested Newt	<i>Triturus cristatus</i>	30	2004-2013	Sect.41
bird	Bullfinch	<i>Pyrrhula pyrrhula</i>	4	1998-1999	Sect.41.suppl
	Corn Bunting	<i>Emberiza calandra</i>	5	1998-1999	Sect.41.suppl
	Dunnock	<i>Prunella modularis</i>	9	1997-1999	Sect.41.suppl
	Grasshopper Warbler	<i>Locustella naevia</i>	4	1997-1999	Sect.41
	Grey Partridge	<i>Perdix perdix</i>	13	1998-2002	Sect.41
	House Sparrow	<i>Passer domesticus</i>	22	1997-2001	Sect.41
	Lapwing	<i>Vanellus vanellus</i>	6	1998-2002	Sect.41
	Lesser Redpoll	<i>Acanthis cabaret</i>	1	1999	Sect.41
	Lesser Spotted Woodpecker	<i>Dendrocopos minor</i>	1	1999	Sect.41.suppl
	Linnet	<i>Linaria cannabina</i>	10	1997-2002	Sect.41.suppl
	Reed Bunting	<i>Emberiza schoeniclus</i>	10	1997-1999	Sect.41
	Skylark	<i>Alauda arvensis</i>	17	1998-2002	Sect.41, Sect.41.suppl
	Song Thrush	<i>Turdus philomelos</i>	10	1997-1999	Sect.41.suppl
	Spotted Flycatcher	<i>Muscicapa striata</i>	2	1997-1999	Sect.41
	Starling	<i>Sturnus vulgaris</i>	8	1997-1999	Sect.41.suppl
	Tree Sparrow	<i>Passer montanus</i>	5	1998-2007	Sect.41
	Willow Tit	<i>Poecile montana</i>	2	1998	Sect.41.suppl
	Yellowhammer	<i>Emberiza citrinella</i>	9	1998-2000	Sect.41
flowering plant	Cornflower	<i>Centaurea cyanus</i>	2	1995-2002	Sect.41
insect - butterfly	Wall	<i>Lasiommata megera</i>	2	1992	Sect.41
terrestrial	Brown Hare	<i>Lepus europaeus</i>	10	1972-2010	Sect.41

mammal					
	Brown Long-eared Bat	<i>Plecotus auritus</i>	4	1995-1999	Sect.41
	Eurasian Red Squirrel	<i>Sciurus vulgaris</i>	2	2008	Sect.41
	European Water Vole	<i>Arvicola amphibius</i>	15	1998-2011	Sect.41
	Feral Ferret	<i>Mustela putorius subsp. furo</i>	1	1993	Sect.41
	Noctule Bat	<i>Nyctalus noctula</i>	4	1988	Sect.41
	Soprano Pipistrelle	<i>Pipistrellus pygmaeus</i>	1	2012	Sect.41
	West European Hedgehog	<i>Erinaceus europaeus</i>	12	1973-2012	Sect.41

Desig. Code	Desig. Name	Designation Description
Sect.41	Natural Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec	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.
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).

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	Common Cudweed	<i>Filago vulgaris</i>	1	2008	RLGB.Lr(NT)
	Corn Marigold	<i>Glebionis segetum</i>	1	1995	RLGB.VU
	Field Woundwort	<i>Stachys arvensis</i>	1	1995	RLGB.Lr(NT)
	Heath Dog-violet	<i>Viola canina</i>	1	2007	RLGB.Lr(NT)
	Water-soldier	<i>Stratiotes aloides</i>	5	1984-1998	RLGB.Lr(NT)
fungus	Brown Birch Bolete	<i>Leccinum scabrum</i>	9	1998-2012	RLGB.DD
	Slate Bolete	<i>Leccinum duriusculum</i>	8	2006-2013	RLGB.Lr(NT)
insect - butterfly	Wall	<i>Lasiommata megera</i>	2	1992	RLGB.Lr(NT)

Desig. Code	Desig. Name	Designation Description
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.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.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.

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
flowering plant	Large-leaved Lime	<i>Tilia platyphyllos</i>	3	1989-2008	NS-excludes
	Water-soldier	<i>Stratiotes aloides</i>	5	1984-1998	NR-excludes
	Welsh Poppy	<i>Meconopsis cambrica</i>	1	1995	NS-excludes
insect - beetle (Coleoptera)	Medon apicalis	<i>Medon apicalis</i>	1	1947	N

Desig. Code	Desig. Name	Designation Description
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.
N	Nationally Notable	Species which are estimated to occur within the range of 16 to 100 10km squares. (subdivision into Notable A and Notable B is not always possible because there may be insufficient information available). 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	Barn Owl	<i>Tyto alba</i>	5	1997-1999	MBB-WCA-S9
	Canada Goose	<i>Branta canadensis</i>	1	1999	MBB-WCA-S9
flowering plant	Canadian Waterweed	<i>Elodea canadensis</i>	6	1984-2007	MBB-WCA-S9
	Indian Balsam	<i>Impatiens glandulifera</i>	9	1987-2013	MBB-WCA-S9
	Japanese Knotweed	<i>Fallopia japonica</i>	29	1983-2014	MBB-WCA-S9
	Montbretia	<i>Crocsmia pottsii x aurea</i> = <i>C. x crocosmiiflora</i>	3	1995-2005	MBB-WCA-S9
	New Zealand Pigmyweed	<i>Crassula helmsii</i>	1	1997	MBB-WCA-S9
	Parrot's-feather	<i>Myriophyllum aquaticum</i>	3	1995	MBB-WCA-S9
	Rhododendron	<i>Rhododendron ponticum</i>	12	1984-2013	MBB-WCA-S9
terrestrial mammal	Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	14	1966-2013	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
Reedbeds	0.23	hectares
Reedbeds	2	count
Hedgerows	16.61	kilometres
All Woodland	61.08	hectares
Neutral Grassland	25.02	hectares
Ponds	2.95	hectares
Ponds	46	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: Composite		
Woodland and scrub		
A1.1.1	Broadleaved woodland - semi-natural	0.07 ha
A1.1.2	Broadleaved woodland - plantation	8.77 ha
A2.1	Scrub - dense/continuous	0.19 ha
A2.2	Scrub - scattered	present
A3.1	Broadleaved Parkland/scattered trees	present
Grassland and marsh		
B2.1	Neutral grassland - unimproved	3.28 ha
Tall herb and fern		
C3.1	Other tall herb and fern - ruderal	0.12 ha
Open water		
G1	Standing water	0.03 ha
G2	Running water	0.01 ha
Miscellaneous		
J1.1	Cultivated/disturbed land - arable	0.23 ha
J1.2	Cultivated/disturbed land - amenity grassland	38.65 ha
J2.1.2	Intact hedge - species-poor	0.11 km
J2.4	Fence	0.15 km

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
Loopline	Liverpool Local Wildlife Site (current)
Nursery, S. Liverpool Sewage Works Site	Liverpool Local Wildlife Site (current)
Ox Lane Wood, Tarbock	Knowsley Local Wildlife Site
Netherley Brook	Knowsley Local Wildlife Site
Ten Acre Pits, Huyton	Knowsley Local Wildlife Site
Bowring Park Golf Course, s of M62	Knowsley Local Wildlife Site
Coppice Lane Council Depot, Huyton	Knowsley Local Wildlife Site
Tributary of Netherley Brook	Knowsley Local Wildlife Site
Mill Brook, Netherley	Knowsley Local Wildlife Site
Ochre Brook, Tarbock	Knowsley Local Wildlife Site
Dog Clog Brook, Tarbock	Knowsley Local Wildlife Site
South Liverpool Nursery	Liverpool Local Wildlife Site (proposed)
Netherley Woods and Brook	Liverpool Local Wildlife Site (proposed)
Loop Line	Liverpool Local Wildlife Site (proposed)
Lee Park Golf Course	Liverpool Local Wildlife Site (potential)

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 Gateway records included

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

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

Record location and dates

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

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

Absence of records and 'negative records'

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

Duplicate records

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

Validity of records

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

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



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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 LRC.

Appendix 1: Terms and conditions of use

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

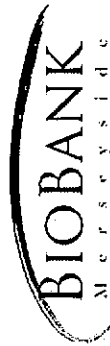
All data passed to a third party (users) by Merseyside BioBank are subject to these access terms and conditions. Non-adherence to these terms and conditions will be viewed as a breach of contract, which may result in legal redress being sought.

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

Appendix 2: Full species records

The following records for protected, BAP, red-listed, notable 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 Gateway).

GridRef	Location Name	Common Name	Scientific Name	Group	Abundance or Status	Date	Comment	Source
SJ427880	Garden of 12 South Station Rd L25 3QG	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count of Adult	04/07/2009		2
SJ427880	Garden of 12 South Station Rd L25 3QG	Common Frog	<i>Rana temporaria</i>	amphibian	3 Count of Juvenile	04/07/2009		2
SJ427880	Garden of 12 South Station Rd L25 3QG	Common Frog	<i>Rana temporaria</i>	amphibian	24 Count of tadpoles	12/05/2009		2
SJ427880	Garden of 12 South Station Rd L25 3QG	Common Frog	<i>Rana temporaria</i>	amphibian	2 Count of Adult	12/05/2009		2
SJ427900	Bowring Golf Course, South of M62	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count of Present	18/06/1999		1
SJ427900	Bowring Golf Club - South of M62	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count of Present	25/04/1999	Juvenile	1
SJ435905	Blacklow Pond, Huyton, Liverpool, Merseyside	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count	14/04/1996	adult	4
SJ437990	Fernbank Avenue, South Lancashire 77	Common Frog	<i>Rana temporaria</i>	amphibian	P Breeding Count	July 2013	Adults and Spawn seen in garden pond.	3
SJ457894	Bass Site Huyton	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count of Present	July 1999		1
SJ461758	Pond 2, Tarbock Hall, Tarbock 8631	Common Frog	<i>Rana temporaria</i>	amphibian	small numbers Count of tadpoles	09/05/2004-04/06/2004		1
SJ427900	Bowring Golf Club - South of M62	Common Toad	<i>Bufo bufo</i>	amphibian	1 Count of tadpoles	25/04/1999	Tadpoles	1
SJ437658	Lee Valley Golf Club, Netherley, nr 1st hole.	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	12 Count of Female; 9 Count of Male	09/05/2007		1
SJ437658	Lee Valley Golf Club, Netherley, nr 1st hole.	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	10 Count of Female; 15 Count of Male	10/05/2007		1
SJ437658	Lee Valley Golf Club, Netherley, nr 1st hole.	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	7 Count of Female; 7 Count of Male	15/06/2007		1
SJ437658	Lee Valley Golf Club, Netherley, nr 1st hole.	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	11 Count of Male; 6 Count of Female	16/04/2007		1
SJ437658	Lee Valley Golf Club, Netherley, nr 1st hole.	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	11 Count of Female; 8 Count of Male	16/05/2007		1
SJ437658	Lee Valley Golf Club, Netherley, nr 1st hole.	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	14 Count of Male; 7 Count of Female	16/06/2007		1
SJ437658	Lee Valley Golf Club, Netherley, nr 1st hole.	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	14 Count of Male; 7 Count of Female	16/06/2007		1



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7690	hole.							Count of Female		
SJ437658 7690	Lee Valley Golf Club, Netherley, nr 1st hole.	Great Crested Newt			<i>Triturus cristatus</i>	amphibian		11 Count of Male; 9 Count of Female	17/04/2007	1
SJ437658 7690	Lee Valley Golf Club, Netherley, nr 1st hole.	Great Crested Newt			<i>Triturus cristatus</i>	amphibian		11 Count of Female; 8 Count of Male	17/05/2007	1
SJ437658 7690	Lee Valley Golf Club, Netherley, nr 1st hole.	Great Crested Newt			<i>Triturus cristatus</i>	amphibian		15 Count of Male; 6 Count of Female	22/03/2007	1
SJ437658 7690	Lee Valley Golf Club, Netherley, nr 1st hole.	Great Crested Newt			<i>Triturus cristatus</i>	amphibian		12 Count of Male; 6 Count of Female	23/03/2007	1
SJ437658 7690	Lee Valley Golf Club, Netherley, nr 1st hole.	Great Crested Newt			<i>Triturus cristatus</i>	amphibian		5 Count of Female; 6 Count of Male	27/04/2007	1
SJ437658 7690	Lee Valley Golf Club, Netherley, nr 1st hole.	Great Crested Newt			<i>Triturus cristatus</i>	amphibian		10 Count of Male; 9 Count of Female	28/04/2007	1
SJ437658 7690	Lee Valley Golf Club, Netherley, nr 1st hole.	Great Crested Newt			<i>Triturus cristatus</i>	amphibian		1 Count	March 2007 - June 2007	1
SJ441478 7667	Lee Valley Golf Club, Netherley, nr 12th hole	Great Crested Newt			<i>Triturus cristatus</i>	amphibian		3 Count of Male; 4 Count of Female	09/05/2007	1
SJ441478 7667	Lee Valley Golf Club, Netherley, nr 12th hole	Great Crested Newt			<i>Triturus cristatus</i>	amphibian		6 Count of Male; 8 Count of Female	09/05/2007	1
SJ441478 7667	Lee Valley Golf Club, Netherley, nr 12th hole	Great Crested Newt			<i>Triturus cristatus</i>	amphibian		2 Count of Male; 5 Count of Female	15/06/2007	1
SJ441478 7667	Lee Valley Golf Club, Netherley, nr 12th hole	Great Crested Newt			<i>Triturus cristatus</i>	amphibian		4 Count of Female; 4 Count of Male	16/04/2007	1
SJ441478 7667	Lee Valley Golf Club, Netherley, nr 12th hole	Great Crested Newt			<i>Triturus cristatus</i>	amphibian		7 Count of Female; 8 Count of Male	16/05/2007	1
SJ441478 7667	Lee Valley Golf Club, Netherley, nr 12th hole	Great Crested Newt			<i>Triturus cristatus</i>	amphibian		3 Count of Female; 6 Count of Male	16/05/2007	1
SJ441478 7667	Lee Valley Golf Club, Netherley, nr 12th hole	Great Crested Newt			<i>Triturus cristatus</i>	amphibian		9 Count of Female; 9 Count of Male	16/06/2007	1
SJ441478 7667	Lee Valley Golf Club, Netherley, nr 12th hole	Great Crested Newt			<i>Triturus cristatus</i>	amphibian		6 Count of Male; 7 Count of Female	17/04/2007	1
SJ441478 7667	Lee Valley Golf Club, Netherley, nr 12th hole	Great Crested Newt			<i>Triturus cristatus</i>	amphibian		4 Count of Female; 5 Count of Male	22/03/2007	1
SJ441478 7667	Lee Valley Golf Club, Netherley, nr 12th hole	Great Crested Newt			<i>Triturus cristatus</i>	amphibian		5 Count of Female; 6 Count of Male	23/03/2007	1
SJ441478 7667	Lee Valley Golf Club, Netherley, nr 12th hole	Great Crested Newt			<i>Triturus cristatus</i>	amphibian		5 Count of Female; 5 Count of Male	27/04/2007	1
SJ441478 7667	Lee Valley Golf Club, Netherley, nr 12th hole	Great Crested Newt			<i>Triturus cristatus</i>	amphibian		12 Count of Female; 5 Count of Male	28/04/2007	1
SJ441478 7667	Lee Valley Golf Club, Netherley, nr 12th hole	Great Crested Newt			<i>Triturus cristatus</i>	amphibian		1 Count	March 2007 - June 2007	1
SJ458288 8030	Pond 6, Tarbock Hall, Tarbock	Great Crested Newt			<i>Triturus cristatus</i>	amphibian		1 Count of Juvenile; 11 Count of Adult Female;	09/05/2004-04/06/2004	newts and eggs, eggs on leaves of submerged vegetation

[illegible]

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SJ45884		Barn Owl	<i>Tyto alba</i>	bird	1 Count of Confirmed breeding	1997 - 1999		7
SJ461883	Tarbock Hall, Prescott	Barn Owl	<i>Tyto alba</i>	bird	2 Count of Possible breeding	June 1999	Male and female roosting, observed making a kill. Fresh pellets found as well as whitewashing, reporter believes the female has chicks.	1
SJ48T		Barn Owl	<i>Tyto alba</i>	bird	1 Count of Possible breeding	1997 - 1999		7
SJ48U		Barn Owl	<i>Tyto alba</i>	bird	1 Count of Confirmed breeding	1999		7
SJ49F		Barn Owl	<i>Tyto alba</i>	bird	1 Count of Possible breeding	June 1998		7
SJ461883	Tarbock Hall, Prescott	Bullfinch	<i>Pyrrhula pyrrhula</i>	bird	1 Count of Nesting Pair	June 1999		1
SJ48J	Belle Vale tetrad	Bullfinch	<i>Pyrrhula pyrrhula</i>	bird	1 Count of Possible breeding	1998		7
SJ48N	Netherley East tetrad	Bullfinch	<i>Pyrrhula pyrrhula</i>	bird	1 Count of Possible breeding	1998		7
SJ48U	Cronton Colliery	Bullfinch	<i>Pyrrhula pyrrhula</i>	bird	1 Count of Confirmed breeding	1999		7
SJ48U	Cronton Colliery	Canada Goose	<i>Branta canadensis</i>	bird	1 Count of Confirmed breeding	1999		7
SJ461883	Tarbock Hall, Prescott	Corn Bunting	<i>Emberiza calandra</i>	bird	2 Count of Nesting Pair	June 1999		1
SJ48P		Corn Bunting	<i>Emberiza calandra</i>	bird	1 Count of Confirmed breeding	1999		7
SJ48T	Tarbock Green	Corn Bunting	<i>Emberiza calandra</i>	bird	6 Count of Confirmed breeding	1998		7
SJ48U		Corn Bunting	<i>Emberiza calandra</i>	bird	1 Count of Confirmed breeding	1999		7
SJ48U	Cronton Colliery	Corn Bunting	<i>Emberiza calandra</i>	bird	1 Count of Confirmed breeding	1999		7
SJ461883	Tarbock Hall, Prescott	Duncock	<i>Prunella modularis</i>	bird	5 Count of Nesting Pair	June 1999		1
SJ48I	Woolton Woods	Duncock	<i>Prunella modularis</i>	bird	1 Count of Confirmed breeding	1999		7
SJ48J	Belle Vale tetrad	Duncock	<i>Prunella modularis</i>	bird	1 Count of Confirmed breeding	1998		7
SJ48N	Netherley East tetrad	Duncock	<i>Prunella modularis</i>	bird	1 Count of Confirmed breeding	1998		7
SJ48P	Netherley NE	Duncock	<i>Prunella modularis</i>	bird	1 Count of Confirmed breeding	1999		7
SJ48T	Tarbock Green	Duncock	<i>Prunella modularis</i>	bird	1 Count of Confirmed breeding	1998		7
SJ48U	Cronton Colliery	Duncock	<i>Prunella modularis</i>	bird	1 Count of Confirmed breeding	1999		7

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						breeding			
SJ49F	Bowring Park	Dunnoch	<i>Prunella modularis</i>	bird		1 Count of Confirmed breeding	1997		7
SJ49K	Huyton	Dunnoch	<i>Prunella modularis</i>	bird		1 Count of Confirmed breeding	1999		7
SJ48N		Grasshopper Warbler	<i>Locustella naevia</i>	bird		1 Count of Confirmed breeding	1997 - 1999		7
SJ48P	Lee Park Golf Course	Grasshopper Warbler	<i>Locustella naevia</i>	bird		1 Count of Possible breeding	1999		7
SJ48T		Grasshopper Warbler	<i>Locustella naevia</i>	bird		1 Count of Confirmed breeding	1998		7
SJ48U	Cronton Colliery	Grasshopper Warbler	<i>Locustella naevia</i>	bird		1 Count of Confirmed breeding	1999		7
SJ4487	North End Farm	Grey Partridge	<i>Perdix perdix</i>	bird		1 Count of Confirmed breeding	2000		7
SJ4487		Grey Partridge	<i>Perdix perdix</i>	bird		1 Count of Probable breeding	2002	Whole 1km square surveyed. Counts not comprehensive.	7
SJ4587	Dale Farm	Grey Partridge	<i>Perdix perdix</i>	bird		1 Count of Confirmed breeding	2000		7
SJ461883	Tarbock Hall, Prescott	Grey Partridge	<i>Perdix perdix</i>	bird		3 Count of Nesting Pair	June 1999		1
SJ48J	Belle Vale tetrad	Grey Partridge	<i>Perdix perdix</i>	bird		1 Count of Confirmed breeding	1998		7
SJ48N		Grey Partridge	<i>Perdix perdix</i>	bird		1 Count of Confirmed breeding	1998		7
SJ48N	Neatherley East tetrad	Grey Partridge	<i>Perdix perdix</i>	bird		2 Count of Confirmed breeding	1998		7
SJ48P		Grey Partridge	<i>Perdix perdix</i>	bird		1 Count of Confirmed breeding	1999		7
SJ48T		Grey Partridge	<i>Perdix perdix</i>	bird		1 Count of Confirmed breeding	1998		7
SJ48T	Tarbock Green	Grey Partridge	<i>Perdix perdix</i>	bird		3 Count of Confirmed breeding	1998		7
SJ48U		Grey Partridge	<i>Perdix perdix</i>	bird		1 Count of Confirmed breeding	1998		7
SJ48U	Cronton Colliery	Grey Partridge	<i>Perdix perdix</i>	bird		1 Count of Confirmed breeding	1999		7
SJ48U		Grey Partridge	<i>Perdix perdix</i>	bird		1 Count of Confirmed breeding	1999		7
SJ461883	Tarbock Hall, Prescott	House Martin	<i>Delichon urbicum</i>	bird		1 Count of Nest	01/04/2004		1
SJ48I	Woolton Woods	House Martin	<i>Delichon urbicum</i>	bird		1 Count of Possible breeding	1999		7
SJ48J	Belle Vale tetrad	House Martin	<i>Delichon urbicum</i>	bird		1 Count of Confirmed	1998		7

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SJ48N	Netherley East tetrad	House Martin	<i>Delichon urbicum</i>	bird	breeding	1 Count of Confirmed breeding	1998	7
SJ48P	Netherley NE	House Martin	<i>Delichon urbicum</i>	bird	breeding	1 Count of Confirmed breeding	1999	7
SJ48T	Tarbock Green	House Martin	<i>Delichon urbicum</i>	bird	breeding	1 Count of Possible breeding	1998	7
SJ48U	Cronton Colliery	House Martin	<i>Delichon urbicum</i>	bird	breeding	1 Count of Confirmed breeding	1999	7
SJ49F	Bowring Park	House Martin	<i>Delichon urbicum</i>	bird	breeding	1 Count of Possible breeding	1997	7
SJ49F		House Martin	<i>Delichon urbicum</i>	bird	breeding	1 Count of Confirmed breeding	1999	7
SJ49K	Huyton	House Martin	<i>Delichon urbicum</i>	bird	breeding	1 Count of Confirmed breeding	1999	7
SJ424888		House Sparrow	<i>Passer domesticus</i>	bird	breeding	2 Proven Count of Confirmed breeding	11/05/2001	7
SJ425880		House Sparrow	<i>Passer domesticus</i>	bird	breeding	1 Proven Count of Confirmed breeding	19/05/2001	7
SJ425888		House Sparrow	<i>Passer domesticus</i>	bird	breeding	5 Proven Count of Confirmed breeding	10/05/2001	7
SJ430880		House Sparrow	<i>Passer domesticus</i>	bird	breeding	2 Proven Count of Confirmed breeding	19/05/2001	7
SJ433882		House Sparrow	<i>Passer domesticus</i>	bird	breeding	1 Proven Count of Confirmed breeding	19/05/2001	7
SJ435902		House Sparrow	<i>Passer domesticus</i>	bird	breeding	1 Proven Count of Confirmed breeding	2001	7
SJ444899		House Sparrow	<i>Passer domesticus</i>	bird	breeding	2 Proven Count of Confirmed breeding	23/05/2001	7
SJ445905		House Sparrow	<i>Passer domesticus</i>	bird	breeding	20 Proven Count of Confirmed breeding	09/05/2001	7
SJ446897		House Sparrow	<i>Passer domesticus</i>	bird	breeding	2 Proven Count of Confirmed breeding	08/05/2001	7
SJ446904		House Sparrow	<i>Passer domesticus</i>	bird	breeding	1 Proven Count of Confirmed breeding	09/05/2001	7
SJ447896		House Sparrow	<i>Passer domesticus</i>	bird	breeding	2 Proven Count of Confirmed breeding	13/05/2001	7
SJ450900		House Sparrow	<i>Passer domesticus</i>	bird	breeding	3 Proven Count of Confirmed breeding	14/05/2001	7
SJ450906		House Sparrow	<i>Passer domesticus</i>	bird	breeding	2 Proven Count of Confirmed breeding	09/05/2001	7
SJ461883	Tarbock Hall, Prescott	House Sparrow	<i>Passer domesticus</i>	bird	breeding	2 Count of Nesting Pair	June 1999	1

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SJ48I	Woolton Woods	House Sparrow	<i>Passer domesticus</i>	bird	1 Count of Confirmed breeding	1999	7
SJ48J	Belle Vale tetrad	House Sparrow	<i>Passer domesticus</i>	bird	1 Count of Confirmed breeding	1998	7
SJ48N	Netherley East tetrad	House Sparrow	<i>Passer domesticus</i>	bird	1 Count of Confirmed breeding	1998	7
SJ48P	Netherley NE	House Sparrow	<i>Passer domesticus</i>	bird	1 Count of Probable breeding	1999	7
SJ48T	Tarbock Green	House Sparrow	<i>Passer domesticus</i>	bird	1 Count of Confirmed breeding	1998	7
SJ48U	Cronton Colliery	House Sparrow	<i>Passer domesticus</i>	bird	1 Count of Confirmed breeding	1999	7
SJ49F	Bowring Park	House Sparrow	<i>Passer domesticus</i>	bird	1 Count of Confirmed breeding	1997	7
SJ49K	Huyton	House Sparrow	<i>Passer domesticus</i>	bird	1 Count of Confirmed breeding	1999	7
SJ4586	Netherley Brook, South Lancashire	Kingfisher	<i>Alcedo atthis</i>	bird	Present Count of Confirmed breeding	2014	3
SJ461883	Tarbock Hall, Prescot	Kingfisher	<i>Alcedo atthis</i>	bird	1 Count of Possible breeding	01/04/2004	1
SJ4688	Ocre Brook, South Lancashire	Kingfisher	<i>Alcedo atthis</i>	bird	Present Count of Confirmed breeding	2014	3
SJ48T		Kingfisher	<i>Alcedo atthis</i>	bird	1 Count of Possible breeding	1997 - 1999	7
SJ4487	North End Farm	Lapwing	<i>Vanellus vanellus</i>	bird	1 Count of Confirmed breeding	2000	7
SJ4487		Lapwing	<i>Vanellus vanellus</i>	bird	1 Count of Confirmed breeding	2002	7
SJ4588		Lapwing	<i>Vanellus vanellus</i>	bird	3 Count of Confirmed breeding	2002	7
SJ48J	Belle Vale tetrad	Lapwing	<i>Vanellus vanellus</i>	bird	1 Count of Possible breeding	1998	7
SJ48T	Tarbock Green	Lapwing	<i>Vanellus vanellus</i>	bird	1 Count of Confirmed breeding	1998	7
SJ48U	Cronton Colliery	Lapwing	<i>Vanellus vanellus</i>	bird	1 Count of Confirmed breeding	1999	7
SJ49F		Lesser Redpoll	<i>Acanthis cabaret</i>	bird	1 Count of Possible breeding	1999	7
SJ48P		Lesser Spotted Woodpecker	<i>Dendrocopos minor</i>	bird	1 Count of Possible breeding	1999	7
SJ4487		Linnet	<i>Linaria cannabina</i>	bird	1 Count of Possible breeding	2002	7

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SJ4588		Linnet		<i>Linaria cannabina</i>	bird	1 Count of Possible breeding	2002	Survey too early to confirm breeding or numbers	7
SJ461883	Tarbock Hall, Prescott	Linnet		<i>Linaria cannabina</i>	bird	7 Count of Nesting Pair	June 1999		1
SJ48J	Belle Vale tetrad	Linnet		<i>Linaria cannabina</i>	bird	1 Count of Possible breeding	1998		7
SJ48N	Netherley East tetrad	Linnet		<i>Linaria cannabina</i>	bird	1 Count of Confirmed breeding	1998		7
SJ48P	Netherley NE	Linnet		<i>Linaria cannabina</i>	bird	1 Count of Confirmed breeding	1999		7
SJ48T	Tarbock Green	Linnet		<i>Linaria cannabina</i>	bird	1 Count of Confirmed breeding	1998		7
SJ48U		Linnet		<i>Linaria cannabina</i>	bird	1 Count of Confirmed breeding	1999		7
SJ49F	Bowring Park	Linnet		<i>Linaria cannabina</i>	bird	1 Count of Possible breeding	1997		7
SJ49F	Bowring Park Golf Course	Linnet		<i>Linaria cannabina</i>	bird	1 Count of Confirmed breeding	1999		7
SJ48U	Cronton Colliery	Little Ringed Plover		<i>Charadrius dubitus</i>	bird	1 Count of Confirmed breeding	1999		7
SJ461883	Tarbock Hall, Prescott	Reed Bunting		<i>Emberiza schoeniclus</i>	bird	2 Count of Nesting Pair	June 1999		1
SJ48N		Reed Bunting		<i>Emberiza schoeniclus</i>	bird	1 Count of Confirmed breeding	1998		7
SJ48P	Netherley NE	Reed Bunting		<i>Emberiza schoeniclus</i>	bird	8 Count of Confirmed breeding	1999		7
SJ48T	Tarbock Green	Reed Bunting		<i>Emberiza schoeniclus</i>	bird	1 Count of Possible breeding	1998		7
SJ48T		Reed Bunting		<i>Emberiza schoeniclus</i>	bird	1 Count of Confirmed breeding	1998		7
SJ48U		Reed Bunting		<i>Emberiza schoeniclus</i>	bird	1 Count of Confirmed breeding	1998		7
SJ48U		Reed Bunting		<i>Emberiza schoeniclus</i>	bird	2 Count of Confirmed breeding	1999		7
SJ49F	Bowring Park	Reed Bunting		<i>Emberiza schoeniclus</i>	bird	1 Count of Possible breeding	1997		7
SJ49F	Bowring Park Golf Course	Reed Bunting		<i>Emberiza schoeniclus</i>	bird	1 Count of Confirmed breeding	1999		7
SJ49K	Huyton	Reed Bunting		<i>Emberiza schoeniclus</i>	bird	1 Count of Confirmed breeding	1999		7
SJ4389		Skylark		<i>Alauda arvensis</i>	bird	3 Count of Confirmed breeding	2002	Whole 1km square surveyed. Counts not comprehensive.	7
SJ4487	North End Farm	Skylark		<i>Alauda arvensis</i>	bird	1 Count of Confirmed breeding	2000		7

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SJ487		Skylark	<i>Alauda arvensis</i>	bird	3 Count of Confirmed breeding	2002	Whole 1km square surveyed. Counts not comprehensive.	7
SJ488		Skylark	<i>Alauda arvensis</i>	bird	4 Count of Confirmed breeding	2002	Whole 1km square surveyed. Counts not comprehensive.	7
SJ461883	Tarbock Hall, Prescot	Skylark	<i>Alauda arvensis</i>	bird	8 Count of Nesting Pair	June 1999		1
SJ48J	Belle Vale tetrad	Skylark	<i>Alauda arvensis</i>	bird	3 Count of Confirmed breeding	1998		7
SJ48N		Skylark	<i>Alauda arvensis</i>	bird	1 Count of Confirmed breeding	1998		7
SJ48N	Netherley East tetrad	Skylark	<i>Alauda arvensis</i>	bird	7 Count of Confirmed breeding	1998		7
SJ48P		Skylark	<i>Alauda arvensis</i>	bird	5 Count of Confirmed breeding	1999		7
SJ48P	Netherley NE	Skylark	<i>Alauda arvensis</i>	bird	1 Count of Confirmed breeding	1999		7
SJ48T	Tarbock Green	Skylark	<i>Alauda arvensis</i>	bird	1 Count of Confirmed breeding	1998		7
SJ48T		Skylark	<i>Alauda arvensis</i>	bird	1 Count of Confirmed breeding	1998		7
SJ48T		Skylark	<i>Alauda arvensis</i>	bird	10 Count of Confirmed breeding	1999		7
SJ48U		Skylark	<i>Alauda arvensis</i>	bird	1 Count of Confirmed breeding	1998		7
SJ48U	Cronton Colliery	Skylark	<i>Alauda arvensis</i>	bird	5 Count of Confirmed breeding	1999		7
SJ48U		Skylark	<i>Alauda arvensis</i>	bird	4 Count of Confirmed breeding	1999		7
SJ49F	Bowring Park Golf Course	Skylark	<i>Alauda arvensis</i>	bird	1 Count of Confirmed breeding	1999		7
SJ461883	Tarbock Hall, Prescot	Song Thrush	<i>Turdus philomelos</i>	bird	5 Count of Nesting Pair	June 1999		1
SJ48I	Woolton Woods	Song Thrush	<i>Turdus philomelos</i>	bird	10 Count of Confirmed breeding	1999		7
SJ48J	Belle Vale tetrad	Song Thrush	<i>Turdus philomelos</i>	bird	4 Count of Confirmed breeding	1998		7
SJ48N		Song Thrush	<i>Turdus philomelos</i>	bird	1 Count of Confirmed breeding	1998		7
SJ48P	Netherley NE	Song Thrush	<i>Turdus philomelos</i>	bird	2 Count of Confirmed breeding	1999		7
SJ48T	Tarbock Green	Song Thrush	<i>Turdus philomelos</i>	bird	3 Count of Confirmed breeding	1998		7
SJ48T		Song Thrush	<i>Turdus philomelos</i>	bird	1 Count of Confirmed breeding	1998		7

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SJ48U	Cronton Colliery	Song Thrush	<i>Turdus philomelos</i>	bird	4 Count of Confirmed breeding	1999	7
SJ49F	Bowring Park	Song Thrush	<i>Turdus philomelos</i>	bird	2 Count of Confirmed breeding	1997	7
SJ49K	Huyton	Song Thrush	<i>Turdus philomelos</i>	bird	2 Count of Confirmed breeding	1999	7
SJ48U	Cronton Colliery	Spotted Flycatcher	<i>Muscicapa striata</i>	bird	1 Count of Confirmed breeding	1999	7
SJ49F	Bowring Park	Spotted Flycatcher	<i>Muscicapa striata</i>	bird	1 Count of Possible breeding	1997	7
SJ48I	Woolton Woods	Starling	<i>Sturnus vulgaris</i>	bird	1 Count of Confirmed breeding	1999	7
SJ48J	Belle Vale tetrad	Starling	<i>Sturnus vulgaris</i>	bird	1 Count of Confirmed breeding	1998	7
SJ48N	Netherley East tetrad	Starling	<i>Sturnus vulgaris</i>	bird	1 Count of Confirmed breeding	1998	7
SJ48P	Netherley NE	Starling	<i>Sturnus vulgaris</i>	bird	1 Count of Probable breeding	1999	7
SJ48T	Tarbock Green	Starling	<i>Sturnus vulgaris</i>	bird	1 Count of Confirmed breeding	1998	7
SJ48U	Cronton Colliery	Starling	<i>Sturnus vulgaris</i>	bird	1 Count of Confirmed breeding	1999	7
SJ49F	Bowring Park	Starling	<i>Sturnus vulgaris</i>	bird	1 Count of Confirmed breeding	1997	7
SJ49K	Huyton	Starling	<i>Sturnus vulgaris</i>	bird	1 Count of Confirmed breeding	1999	7
SJ461883	Tarbock Hall, Prescott	Swift	<i>Apus apus</i>	bird	1 Count of Nest	01/04/2004	1
SJ461883	Tarbock Hall, Prescott	Swift	<i>Apus apus</i>	bird	3 Count of Nesting Pair	June 1999	1
SJ48I	Woolton Woods	Swift	<i>Apus apus</i>	bird	1 Count of Possible breeding	1999	7
SJ48J	Belle Vale tetrad	Swift	<i>Apus apus</i>	bird	1 Count of Confirmed breeding	1998	7
SJ48N	Netherley East tetrad	Swift	<i>Apus apus</i>	bird	1 Count of Possible breeding	1998	7
SJ48P	Netherley NE	Swift	<i>Apus apus</i>	bird	1 Count of Confirmed breeding	1999	7
SJ454880		Tree Sparrow	<i>Passer montanus</i>	bird	1 Probable Count of Confirmed breeding	09/08/2007	7
SJ4588		Tree Sparrow	<i>Passer montanus</i>	bird	2 Count of Confirmed breeding	2002	7
SJ461883	Tarbock Hall, Prescott	Tree Sparrow	<i>Passer montanus</i>	bird	20 Count of Nesting Pair	June 1999	1

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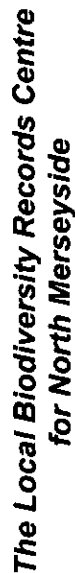
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SJ48J	Belle Vale tetrads	Tree Sparrow	<i>Passer montanus</i>	bird	1 Count of Confirmed breeding	1998	7
SJ48U		Tree Sparrow	<i>Passer montanus</i>	bird	4 Count of Confirmed breeding	1998	7
SJ48N		Willow Tit	<i>Poecile montana</i>	bird	1 Count of Confirmed breeding	1998	7
SJ48T		Willow Tit	<i>Poecile montana</i>	bird	1 Count of Confirmed breeding	1998	7
SJ4587	Dale Farm	Yellowhammer	<i>Emberiza citrinella</i>	bird	2 Count of Confirmed breeding	2000	7
SJ461883	Tarbock Hall, Prescott	Yellowhammer	<i>Emberiza citrinella</i>	bird	8 Count of Nesting Pair	June 1999	1
SJ48N		Yellowhammer	<i>Emberiza citrinella</i>	bird	1 Count of Confirmed breeding	1998	7
SJ48N	Netherley East tetrads	Yellowhammer	<i>Emberiza citrinella</i>	bird	6 Count of Confirmed breeding	1998	7
SJ48P		Yellowhammer	<i>Emberiza citrinella</i>	bird	4 Count of Confirmed breeding	1999	7
SJ48T		Yellowhammer	<i>Emberiza citrinella</i>	bird	1 Count of Confirmed breeding	1998	7
SJ48T	Tarbock Green	Yellowhammer	<i>Emberiza citrinella</i>	bird	5 Count of Confirmed breeding	1998	7
SJ48U		Yellowhammer	<i>Emberiza citrinella</i>	bird	1 Count of Confirmed breeding	1998	7
SJ48U	Cronton Colliery	Yellowhammer	<i>Emberiza citrinella</i>	bird	4 Count of Confirmed breeding	1999	7
SJ429878	Loopline between Beechurst Rd and Belle Vale Rd L25	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	3 Count of Square metres	10/05/2009	2
SJ432905	Carr Lane, Knowsley	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		12/02/2003	1
SJ432905	Carr Lane, Knowsley	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		12/02/2003	1
SJ435905	Blacklow Pond, Huyton, Liverpool, Merseyside	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	1 Count of Occasional	08/04/1996	4
SJ441896	Wheat Hill Road woodlands s of M62	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		09/06/1998	1
SJ447881	NETHERLEY WOODS AND BROOK	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		07/06/2006	10
SJ456884	Roscoe's Wood, Tarbock, S.Lancs	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		12/05/1987	8
SJ457894	Bass Site Huyton	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		July 1999	1
SJ4590	Logwood Mill Brook, Huyton	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	1 Count	01/05/2007	1
SJ459688	Brick Wall Covert, Huyton-With-Roby	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	R Count of Flowering	16/05/2013	11
SJ459887	Ox Lane Wood Tarbock	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		1981	1

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SJ459887	Ox Lane Wood Tarbock	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant			1989			1
SJ459888	Brick Wall Covert, Huyton-With-Roby	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	F Count of Flowering	Combination of Hybrid and Native.	16/05/2013			11
SJ460886	Ox Lane Wood, South Lancashire	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	Present Count	Grid reference refers to site centroid.	17/05/2013			9
SJ460886	Target Note 16	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	LOC F Count of DAFOR		June 2005 - July 2005			6
SJ461188	Ox Lane Wood, Huyton-With-Roby	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	A Count of Flowering	delicate plants with white stamens, large sward in understory. Slight encroachment from Bramble.	16/05/2013			11
SJ461891	Target Note 17	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	R Count of DAFOR		June 2005 - July 2005			6
SJ4689	Halsnead Park, Whiston	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant			07/10/1993			8
SJ4689	Target Note 3	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	10 Count of DOMIN		June 2005 - July 2005			6
SJ481		Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	1 Count of Present		1995			12
SJ48N		Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	1 Count of Present		1995			12
SJ49K		Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	1 Count of Present		1998			12
SJ432896	Pond s of M62	Canadian Waterweed	<i>Elodea canadensis</i>	flowering plant			08/06/1998			1
SJ434897	Pond and grassland s of M62	Canadian Waterweed	<i>Elodea canadensis</i>	flowering plant			08/06/1998			1
SJ437658	Lee Valley Golf Club, Netherley, nr 1st hole	Canadian Waterweed	<i>Elodea canadensis</i>	flowering plant	1 Count		March 2007 - June 2007			1
SJ4387	Carr Lane Fields - Huyton	Canadian Waterweed	<i>Elodea canadensis</i>	flowering plant	1 Count		1984			8
SJ4389	Huyton Merseyside	Canadian Waterweed	<i>Elodea canadensis</i>	flowering plant	1 Count		02/08/1984			8
SJ4689	Halsnead Park, Whiston	Canadian Waterweed	<i>Elodea canadensis</i>	flowering plant			07/10/1993			8
SJ461389	Land at Cronton road	Common Cudweed	<i>Filago vulgaris</i>	flowering plant	1 Count of Present		29/08/2008			13
SJ435875	Nursery (South Liverpool Sewage Works)	Corn Marigold	<i>Glebionis segetum</i>	flowering plant	O DAFOR		20/09/1995			14
SJ435875	Nursery (South Liverpool Sewage Works)	Cornflower	<i>Centaurea cyanus</i>	flowering plant	O DAFOR		20/09/1995			14
SJ444872	Landlife fields North End Halewood Knowsley	Cornflower	<i>Centaurea cyanus</i>	flowering plant			15/09/2002			1
SJ431875	The Nook, Gateacre	Field Woundwort	<i>Stachys arvensis</i>	flowering plant	O DAFOR		20/09/1995			14
SJ4590	Logwood Mill Brook, Huyton	Heath Dog-violet	<i>Viola carina</i>	flowering plant	1 Count		01/05/2007			1
SJ447881	NETHERLEY WOODS AND BROOK	Indian Balsam	<i>Impatiens glandulifera</i>	flowering plant			07/06/2006			10
SJ451390	Logwood Mill Brook.	Indian Balsam	<i>Impatiens glandulifera</i>	flowering plant	1 Count		24/03/2004			1



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[illegible]

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SJ46289	Huyton Park, Huyton-With-Roby	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	Frequent Count of DAFOR	12/07/2012		11
SJ45688	B5178, Netherley Road, Tarbock, Liverpool, Merseyside, South Lancashire	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	local Count	22/10/2014		16
SJ45288	B5178, Netherley Road, Tarbock, Liverpool, Merseyside, South Lancashire	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	local Count	22/10/2014		16
SJ45689	Priory Farm site	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant		11/07/2000		1
SJ45689	Roscoe's Wood, Tarbock, S.Lancs	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant		12/05/1987		8
SJ45789	Bass Site Huyton	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant		July 1999		1
SJ45889	# Wilson Rd Huyton, L36 6JU	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant		24/03/2009		15
SJ45938	Land at Cronton road	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	1 Count of Present	29/08/2008	Treated.	13
SJ45981	Ochre Brook, Tarbock Hall Farm	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant		06/09/2006	Present on the brook banks adjacent to the bridge over the brook.	8
SJ46058	Land at Cronton road	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	1 Count of Present	29/08/2008	Treatment unsuccessful.	13
SJ46089	Land at Cronton road	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	1 Count of Present	29/08/2008		13
SJ44089	Ten Acre Pits Huyton	Large-leaved Lime	<i>Tilia platyphyllos</i>	flowering plant		1989		1
SJ44089	Ten Acre Pits - Huyton	Large-leaved Lime	<i>Tilia platyphyllos</i>	flowering plant	O DAFOR	1989		8
SJ44089	Ten Acre Pits - Huyton	Large-leaved Lime	<i>Tilia platyphyllos</i>	flowering plant	O/LC DAFOR	2008		8
SJ4287		Montbretia	<i>Crocsmia pottsii x aurea = C. x crocosmiiflora</i>	flowering plant		19/03/2005		50
SJ4288		Montbretia	<i>Crocsmia pottsii x aurea = C. x crocosmiiflora</i>	flowering plant		19/03/2005		50
SJ49K		Montbretia	<i>Crocsmia pottsii x aurea = C. x crocosmiiflora</i>	flowering plant		16/08/1995		50
SJ48J	SJ48J, South Lancashire	New Zealand Pigmyweed	<i>Crassula helmsii</i>	flowering plant	1 Count of Present	01/01/1997		19
SJ43689		Parrot's-feather	<i>Myriophyllum aquaticum</i>	flowering plant		03/10/1995		50
SJ43689		Parrot's-feather	<i>Myriophyllum aquaticum</i>	flowering plant		03/10/1995		50
SJ43689	Pond n of Halewood	Parrot's-feather	<i>Myriophyllum aquaticum</i>	flowering plant		1995		1
SJ4287	Reynolds Park, Woolton, South Lancashire	Rhododendron	<i>Rhododendron ponticum</i>	flowering plant	P In Flower- Count of Flowering	23/01/2013	Evergreen foliage.	18
SJ42989	Ponds and Woodland s of track	Rhododendron	<i>Rhododendron ponticum</i>	flowering plant		08/06/1998		1

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SJ435905	Blacklow Pond, Huyton, Liverpool, Merseyside	Rhododendron	<i>Rhododendron ponticum</i>	flowering plant	1 Count of Occasional	08/04/1996	mature	4
SJ435905	Huyton Leisure Centre Pond	Rhododendron	<i>Rhododendron ponticum</i>	flowering plant		30/05/1998		1
SJ4387	Carr Lane Fields - Huyton	Rhododendron	<i>Rhododendron ponticum</i>	flowering plant	1 Count	1984		8
SJ4389	Huyton Merseyside	Rhododendron	<i>Rhododendron ponticum</i>	flowering plant	1 Count	02/08/1984		8
SJ439908	Huyton Merseyside	Rhododendron	<i>Rhododendron ponticum</i>	flowering plant	1 Count	02/08/1984		8
SJ439908	Huyton Merseyside	Rhododendron	<i>Rhododendron ponticum</i>	flowering plant	1 Count	02/08/1984		8
SJ441895	Woodland and ponds n of Wheat Hill Road	Rhododendron	<i>Rhododendron ponticum</i>	flowering plant		09/06/1998		1
SJ441896	Wheat Hill Road woodlands s of M62	Rhododendron	<i>Rhododendron ponticum</i>	flowering plant		09/06/1998		1
SJ447881	NETHERLEY WOODS AND BROOK	Rhododendron	<i>Rhododendron ponticum</i>	flowering plant		07/06/2006		10
SJ4689	Halshead Park, Whiston	Rhododendron	<i>Rhododendron ponticum</i>	flowering plant		07/10/1993		8
SJ435905	Blacklow Pond, Huyton, Liverpool, Merseyside	Water-soldier	<i>Stratiotes aloides</i>	flowering plant	1 Count of Occasional	14/04/1996	mature	4
SJ435905	Huyton Leisure Centre Pond	Water-soldier	<i>Stratiotes aloides</i>	flowering plant		30/05/1998		1
SJ4389	Huyton Merseyside	Water-soldier	<i>Stratiotes aloides</i>	flowering plant	1 Count	02/08/1984		8
SJ439908	Huyton Merseyside	Water-soldier	<i>Stratiotes aloides</i>	flowering plant	1 Count	02/08/1984		8
SJ439908	Huyton Merseyside	Water-soldier	<i>Stratiotes aloides</i>	flowering plant	1 Count	02/08/1984		8
SJ435875	Nursery (South Liverpool Sewage Works)	Welsh Poppy	<i>Meconopsis cambrica</i>	flowering plant	O DAFOR	20/09/1995		14
SJ440890	Childwall Golf Club Liverpool 27	Brown Birch Bolete	<i>Lecaninum scabrum</i>	fungus	1 Count of Present	05/07/2007	parkland with scattered trees	23
SJ440890	Liverpool, Childwall	Brown Birch Bolete	<i>Lecaninum scabrum</i>	fungus		11/09/1998	<i>Lecaninum scabrum</i> ; <i>Betula</i> sp.: soil	22
SJ440890	Childwall Golf Club Liverpool 27	Brown Birch Bolete	<i>Lecaninum scabrum</i>	fungus	1 Count of Present	12/10/2006	woodland	23
SJ440890	Childwall Golf Club Liverpool 27	Brown Birch Bolete	<i>Lecaninum scabrum</i>	fungus	1 Count of Present	18/08/2008	parkland with scattered trees	23
SJ440890	Childwall Golf Club Liverpool 27	Brown Birch Bolete	<i>Lecaninum scabrum</i>	fungus	1 Count of Present	24/07/2009	parkland with scattered trees	23
SJ440890	Liverpool, Childwall	Brown Birch Bolete	<i>Lecaninum scabrum</i>	fungus		24/09/1998	<i>Lecaninum rigidipes</i> ; <i>Betula</i> sp.: soil	22
SJ4489	Liverpool 27: Childwall Golf Course	Brown Birch Bolete	<i>Lecaninum scabrum</i>	fungus	6 Count	01/10/2012	unusually uncommon this year, probably due to increased mowing.	20
SJ4489	Liverpool 27: Childwall Golf Course	Brown Birch Bolete	<i>Lecaninum scabrum</i>	fungus	1 Count of Present	09/08/2010		24
SJ4489	Liverpool 27: Childwall Golf Course, South Lancashire	Brown Birch Bolete	<i>Lecaninum scabrum</i>	fungus	100 Count	19/09/2011	very common throughout	21
SJ440890	Childwall Golf Club Liverpool 27	Slate Bolete	<i>Lecaninum duriusculum</i>	fungus	1 Count of Present	05/07/2007	parkland	23
SJ440890	Childwall Golf Club Liverpool 27	Slate Bolete	<i>Lecaninum duriusculum</i>	fungus	1 Count of Present	07/10/2006	parkland	23

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SJ440890	Childwall Golf Club Liverpool 27	Slate Bolete	<i>Leccinum duriusculum</i>	fungus	1 Count of Present	10/07/2008	parkland	23
SJ440890	Childwall Golf Club Liverpool 27	Slate Bolete	<i>Leccinum duriusculum</i>	fungus	1 Count of Present	22/07/2009	parkland	23
SJ4489	Liverpool 27: Childwall Golf Course	Slate Bolete	<i>Leccinum duriusculum</i>	fungus	1 Count of Present	09/08/2010	under Aspen	24
SJ4489	Liverpool 27: Childwall Golf Course	Slate Bolete	<i>Leccinum duriusculum</i>	fungus	1 Count	22/08/2012	under Aspen	20
SJ4489	Liverpool 27: Childwall Golf Course, South Lancashire	Slate Bolete	<i>Leccinum duriusculum</i>	fungus	30 Count	23/08/2013	Association: <i>Populus tremula</i> ; Substrate: soil; under Aspen at various sites. Fruiting later this year.	25
SJ4489	Liverpool 27: Childwall Golf Course, South Lancashire	Slate Bolete	<i>Leccinum duriusculum</i>	fungus	1 Count	27/06/2011	CHKPQ throughout 100+	21
SJ435905	Blacklow Pond, Huyton, Liverpool, Merseyside	Medon apicalis	<i>Medon apicalis</i>	insect - beetle (Coleoptera)	1 Count of Present	13/05/1947		4
SJ4287	Woolton Park Road	Wall	<i>Lasiommata megera</i>	insect - butterfly	10-29 Count	19/08/1992		26
SJ4387	Old Sewerage Farm Netherley	Wall	<i>Lasiommata megera</i>	insect - butterfly	2-9 Count	21/08/1992		26
SJ4588	Tarbock Hall Farm	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	11 Count of Total; Present Count of Copulating Pair	11/06/2011		27
SJ4588	Tarbock Hall Farm	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	1 Count of Total	19/05/2011		27
SJ461884	M57/A562 Link Road, Knowsley	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	1 Count	29/04/1991-17/05/1991	none	1
SJ461884	Pool 14 (DEEB)	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	1 Count of Present	June 1991		1
SJ4588	Tarbock Hall Farm	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	10 Count of Total; Several Present Count of Copulating Pair	23/06/2009		27
SJ4589	Tarbock Hall Farm	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	8 Count of Total; Present Count of Copulating Pair	11/06/2011		27
SJ48T	DEEB	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	present Count	01/06/1991		27
SJ48U	DEEB	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	present Count	01/06/1991		27
SJ48U	Halshead Park, Whiston	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	present Count	1989		27
SJ49K	Huyton and Prescot Golf Club	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	present Count	01/08/1998		27
SJ427900	Bowring Park Golf Course s of M62	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	1 Count of Present	15/06/1999		1
SJ4289	Belle Vale	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	present Count	28/08/2007		27

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SJ4387	Lee Park Golf Club	Blue-tailed Damselfly	<i>Ischnura elegans</i>	Insect - dragonfly (Odonata)	12 Count of Total	30/05/2007		27
SJ48889		Blue-tailed Damselfly	<i>Ischnura elegans</i>	Insect - dragonfly (Odonata)	2 Count of Adult	29/06/1999		27
SJ461884	M57/A562 Link Road, Knowsley	Blue-tailed Damselfly	<i>Ischnura elegans</i>	Insect - dragonfly (Odonata)	2 Count	29/04/1991- 17/05/1991	none	1
SJ461884	Pool 14 (DEEB)	Blue-tailed Damselfly	<i>Ischnura elegans</i>	Insect - dragonfly (Odonata)	1 Count of Present	June 1991		1
SJ4688	Tarbock Hall Farm	Blue-tailed Damselfly	<i>Ischnura elegans</i>	Insect - dragonfly (Odonata)	present Count	23/06/2009		27
SJ48J		Blue-tailed Damselfly	<i>Ischnura elegans</i>	Insect - dragonfly (Odonata)	12 Count	30/05/2007		27
SJ48T	DEEB	Blue-tailed Damselfly	<i>Ischnura elegans</i>	Insect - dragonfly (Odonata)	present Count	01/06/1991		27
SJ48T	Dog Clog Brook	Blue-tailed Damselfly	<i>Ischnura elegans</i>	Insect - dragonfly (Odonata)	present Count	13/06/2005		27
SJ48U	DEEB	Blue-tailed Damselfly	<i>Ischnura elegans</i>	Insect - dragonfly (Odonata)	present Count	01/06/1991		27
SJ48U	Halshead Park, Whiston	Blue-tailed Damselfly	<i>Ischnura elegans</i>	Insect - dragonfly (Odonata)	present Count	2005		27
SJ435877	Lee Park Golf Course	Broad-bodied Chaser	<i>Libellula depressa</i>	Insect - dragonfly (Odonata)	1 Count of Male	June 2006		27
SJ435877		Broad-bodied Chaser	<i>Libellula depressa</i>	Insect - dragonfly (Odonata)		June 2006		51
SJ4387	Lee Park Golf Course	Broad-bodied Chaser	<i>Libellula depressa</i>	Insect - dragonfly (Odonata)	3 Count of Total; 3 Count of Male	29/06/2011		27
SJ4487	Netherley Park	Broad-bodied Chaser	<i>Libellula depressa</i>	Insect - dragonfly (Odonata)	1 Count of Total	28/04/2011		27
SJ4588	Tarbock Hall Farm	Broad-bodied Chaser	<i>Libellula depressa</i>	Insect - dragonfly (Odonata)	1 Count of Copulating Pair; 1 Count of Female; 2 Count of Male; 3 Count of Total	11/06/2011		27
SJ462884	ox lane tarbock	Broad-bodied Chaser	<i>Libellula depressa</i>	Insect - dragonfly (Odonata)	1 Count of Present	2013		27
SJ462884	ox lane tarbock	Broad-bodied Chaser	<i>Libellula depressa</i>	Insect - dragonfly (Odonata)	1 Count of Present	22/06/2013		5
SJ4689	Tarbock Hall Farm	Broad-bodied Chaser	<i>Libellula depressa</i>	Insect - dragonfly (Odonata)	1 Count of Copulating Pair; 1 Count of Female; 2 Count of Male; 3 Count of Total	11/06/2011		27
SJ48U	Cronton Colliery	Brown Hawker	<i>Aeshna grandis</i>	Insect - dragonfly (Odonata)	1 Count of Total	01/08/1990		27
SJ48U	Halshead Park, Whiston	Brown Hawker	<i>Aeshna grandis</i>	Insect - dragonfly (Odonata)	1 Count of Total	1989		27

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SJ48T	Pond north of Railway	Common Blue Damselfly	<i>Enallagma cyathigerum</i>	Insect - dragonfly (Odonata)	present Count	1982		27
SJ4387	Lee Park Golf Club	Common Darter	<i>Sympetrum striolatum</i>	Insect - dragonfly (Odonata)	present Count	01/08/2007		27
SJ4389	Belle Vale	Common Darter	<i>Sympetrum striolatum</i>	Insect - dragonfly (Odonata)	1 Count of Total	21/09/2009		27
SJ4688	Tarbock Hall Farm	Common Darter	<i>Sympetrum striolatum</i>	Insect - dragonfly (Odonata)	present Count	16/08/2008		27
SJ4689	Tarbock Hall Farm	Common Darter	<i>Sympetrum striolatum</i>	Insect - dragonfly (Odonata)	2 Count of Copulating Pair; 5 Count of Total	30/10/2010		27
SJ48J		Common Darter	<i>Sympetrum striolatum</i>	Insect - dragonfly (Odonata)	1 Count; 1 Count of Female	01/08/2007		27
SJ48T	DEEB	Common Darter	<i>Sympetrum striolatum</i>	Insect - dragonfly (Odonata)	present Count	01/06/1991		27
SJ48U	Cronton Colliery	Common Darter	<i>Sympetrum striolatum</i>	Insect - dragonfly (Odonata)	present Count	01/08/1990		27
SJ4288		Common Emerald Damselfly	<i>Lestes sponsa</i>	Insect - dragonfly (Odonata)		August 1994		51
SJ48U	Daggers Bridge Wood	Common Hawker	<i>Aeshna juncea</i>	Insect - dragonfly (Odonata)	1 Count of Total	01/08/1990		27
SJ4287	Small pond, Gateacre	Emerald Damselfly	<i>Lestes sponsa</i>	Insect - dragonfly (Odonata)	1 Count of Male	1994		27
SJ435877	Lee Park Golf Course	Emperor Dragonfly	<i>Anax imperator</i>	Insect - dragonfly (Odonata)	3 Count of Male	05/07/2006		27
SJ4387	Lee Park Golf Club	Emperor Dragonfly	<i>Anax imperator</i>	Insect - dragonfly (Odonata)	present Count	01/08/2007		27
SJ4387	Lee Park Golf Club	Emperor Dragonfly	<i>Anax imperator</i>	Insect - dragonfly (Odonata)	present Count	11/07/2007		27
SJ4486	Halewood	Emperor Dragonfly	<i>Anax imperator</i>	Insect - dragonfly (Odonata)	1 Count of Total	13/06/2009		27
SJ4588	Tarbock Hall Farm	Emperor Dragonfly	<i>Anax imperator</i>	Insect - dragonfly (Odonata)	1 Count of Male; 1 Count of Total	11/06/2011		27
SJ4689	Tarbock Hall Farm	Emperor Dragonfly	<i>Anax imperator</i>	Insect - dragonfly (Odonata)	1 Count of Male; 1 Count of Total	11/06/2011		27
SJ48J		Emperor Dragonfly	<i>Anax imperator</i>	Insect - dragonfly (Odonata)	1 Count; 1 Count of ovipositing; 1 Count of Female	01/08/2007		27
SJ48J		Emperor Dragonfly	<i>Anax imperator</i>	Insect - dragonfly (Odonata)	1 Count; 1 Count of Male	11/07/2007		27
SJ448889		Four-spotted Chaser	<i>Libellula quadrimaculata</i>	Insect - dragonfly (Odonata)	2 Count of Adult	29/06/1999		27
SJ4688	Tarbock Hall Farm	Four-spotted Chaser	<i>Libellula quadrimaculata</i>	Insect - dragonfly (Odonata)	2 Count of Total	23/06/2009		27

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SJ49K	Huyton and Prescott Golf Club	Large Red Damselfly	<i>Pyrithosoma nymphula</i>	insect - dragonfly (Odonata)	present Count	01/08/1998		27
SJ462884	ox lane tarbock	Migrant Hawker	<i>Aeshna mixta</i>	insect - dragonfly (Odonata)	1 Count of Present	09/08/2012	not sure if this is a common hawkter or migrant hawkter see photo	5
SJ462884	ox lane tarbock	Migrant Hawker	<i>Aeshna mixta</i>	insect - dragonfly (Odonata)	1 Count of Present	2012		27
SJ432875	Loopline, Gateacre	Southern Hawker	<i>Aeshna cyanea</i>	insect - dragonfly (Odonata)	1 Count of Male	26/07/2005		27
SJ432875	Loopline, Gateacre	Southern Hawker	<i>Aeshna cyanea</i>	insect - dragonfly (Odonata)	1 Count of Male	30/06/2005		27
SJ4586	Halewood Park	Southern Hawker	<i>Aeshna cyanea</i>	insect - dragonfly (Odonata)	Provenbreeding Count	2000		27
SJ423885	Merseyside	Bats	<i>Chiroptera</i>	terrestrial mammal	2 Count	01/08/2011	Sunset Survey	30
SJ4287	Woolton, Reynolds Park	Bats	<i>Chiroptera</i>	terrestrial mammal		01/09/1989		29
SJ4288	Merseyside	Bats	<i>Chiroptera</i>	terrestrial mammal	1 Count	02/08/2011	Sunrise Survey	30
SJ4288	Gateacre, Beechnut Drive	Bats	<i>Chiroptera</i>	terrestrial mammal		15/01/1990		29
SJ429873	Orient Drive, South Lancashire	Bats	<i>Chiroptera</i>	terrestrial mammal	P Count	02/08/2013	Often seen flying in early evening.	3
SJ438900	Merseyside	Bats	<i>Chiroptera</i>	terrestrial mammal	2 Count	03/08/2010	Sunset Survey	30
SJ438900	Merseyside	Bats	<i>Chiroptera</i>	terrestrial mammal	2 Count	27/07/2006	Sunset Survey	30
SJ438907	Fernbank Avenue, South Lancashire	Bats	<i>Chiroptera</i>	terrestrial mammal	P Count	2013	Frequently seen in flight.	3
SJ444897	Merseyside	Bats	<i>Chiroptera</i>	terrestrial mammal	1 Count of Present; P Count of Roosting	27/07/2002	Sunrise Survey	30
SJ445907	Victoria Gardens nursing home	Bats	<i>Chiroptera</i>	terrestrial mammal	P Count of Roost Potential	29/08/2009	No roost present though opportunities exist.	13
SJ451898	# Elizabeth Road, Huyton-with-Roby, Liverpool	Bats	<i>Chiroptera</i>	terrestrial mammal	P Count of Roost	01/05/1995	Householder has seen bats in the attic with "pointed ears" and which sounds like <i>Plecotus auritus</i> .	31
SJ453876	Tarbock, Dilton Brook	Bats	<i>Chiroptera</i>	terrestrial mammal		30/08/1988		29
SJ456893	Sevens Oaks Drive, off Cronton Road, Cronton	Bats	<i>Chiroptera</i>	terrestrial mammal	P Count of Roost Potential	06/02/2007		1
SJ456893	Roscoes wood	Bats	<i>Chiroptera</i>	terrestrial mammal	P Count of Roost Potential	15/01/2001	No evidence of Bats however some trees offer roost potential.	1
SJ457876	Tarbock, Greensbridge Lane	Bats	<i>Chiroptera</i>	terrestrial mammal		30/08/1988		29

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SJ461883	Tarbock Hall, Prescott	Bats	Chiroptera	terrestrial mammal	P Count of Roost Potential	06/02/2007	No evidence of Bats however could potentially be used as a satellite roost during the warmer parts of the year.	1
SJ461883	Tarbock Hall, Shippon Barn, Ox Lane	Bats	Chiroptera	terrestrial mammal	P Count of Roost Potential	June 1999	Suitable feeding and summer opportunities however no evidence of occupation during time of survey. Too drafty for a winter roost.	1
SJ48J		Bats	Chiroptera	terrestrial mammal		1990		52
SJ4588	farmland south of hale	Brown Hare	Lepus europaeus	terrestrial mammal		1973	sightings and road casualties	32
SJ4588	south of huyton	Brown Hare	Lepus europaeus	terrestrial mammal		May 1972	1 corpse	32
SJ4589	New Pale Farm	Brown Hare	Lepus europaeus	terrestrial mammal	1 Count of Present	April 2010		2
SJ461883	Tarbock Hall, Prescott	Brown Hare	Lepus europaeus	terrestrial mammal	1 Count of Present	01/04/2004		1
SJ461883	Tarbock Hall Farm	Brown Hare	Lepus europaeus	terrestrial mammal	1 Count of Present	25/06/1999		1
SJ461883	Tarbock Hall, Prescott	Brown Hare	Lepus europaeus	terrestrial mammal	1 Count of Present	June 1999		1
SJ48I		Brown Hare	Lepus europaeus	terrestrial mammal	1 Count of Present	1998		12
SJ48J		Brown Hare	Lepus europaeus	terrestrial mammal	1 Count of Present	1998		12
SJ48N		Brown Hare	Lepus europaeus	terrestrial mammal	1 Count of Present	1998		12
SJ48P		Brown Hare	Lepus europaeus	terrestrial mammal	1 Count of Present	1998		12
SJ461883	Tarbock Hall, Prescott	Brown Long-eared Bat	Plecotus auritus	terrestrial mammal	1 Count of Droppings; 1 Count of Signs; P Count of Roost	23/10/1995	Droppings and feeding remains found however no evidence suggested sustained use by a large colony.	1
SJ461883	Tarbock Hall Farm	Brown Long-eared Bat	Plecotus auritus	terrestrial mammal	1 Count of Present	25/06/1999		1
SJ461883	Tarbock Hall Farm	Brown Long-eared Bat	Plecotus auritus	terrestrial mammal	300 Count of Droppings; numerous Count of Signs; present Count of Roosting	25/09/1995	Feeding remains (100+ butterfly and moth wings) and numerous droppings (300+) recorded some of which were extremely fresh. Evidence suggests building used as a roost by Brown Long-eared bats.	1
SJ461883	Tarbock Hall, Shippon Barn, Ox Lane	Brown Long-eared Bat	Plecotus auritus	terrestrial mammal	1 Count of Droppings; 1 Count of Signs; 4 Count of Present; P Count of	June 1999	Small number of droppings and 2 piles of feeding remains observed. 3-4 bats emerged from the barn.	1

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SJ461883	Tarbock Hall, Prescott	Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal	numerous Count of Present	June 1999	1
SJ449875		Eurasian Red Squirrel	<i>Sciurus vulgaris</i>	terrestrial mammal		29/05/2008	54
SJ449875		Eurasian Red Squirrel	<i>Sciurus vulgaris</i>	terrestrial mammal		29/05/2008	54
SJ432168 9058	Huyton Bk	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	13/09/2007	38
SJ432338 9766	Huyton Bk	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	13/09/2007	38
SJ445875	Netherly Brook tributary Cross farm Junior	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	2000	1
SJ445875	River Ditton, Netherley Brook, Cross Farm Junior	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal		May 2000 - October 2000	1
SJ453880	Mill Brook	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	20/04/2011	40
SJ453881	Netherley Brook	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Probable breeding	December 1999	12
SJ455872	River Ditton, Netherley Brook, Winsler Drive	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal		May 2000 - October 2000	1
SJ458898	Logwood Mill Brook	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal		09/03/2010	15
SJ4590	Logwood Mill Brook, Huyton	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count	01/05/2007	1
SJ460881	End of Dog Clog Brook/Ochre Brook to west of site	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Adult	25/05/2011	39
SJ461883	Tarbock Hall, Prescott	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	good number Count of Burrow; numerous Count of Signs	01/04/2004	1
SJ461883	Tarbock Hall Farm	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	25/06/1999	1
SJ461883	Tarbock Hall, Prescott	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Signs	June 1999	1
SJ463883	Ochre Brook w of A5300	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Burrow	20/09/1998	1
SJ463883	Ochre brook w. of A5300	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	2000	1
SJ4589	Tarbock	Feral Ferret	<i>Mustela putorius subsp. furo</i>	terrestrial mammal		02/03/1993	41

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SJ453876	Tarbock, Greensbridge Farm	Noctule Bat	<i>Nyctalus noctula</i>	terrestrial mammal		15/09/1988		29
SJ453876	Merseyside, Tarbock, Greensbridge Farm	Noctule Bat	<i>Nyctalus noctula</i>	terrestrial mammal	<1 Count of in flight	15/09/1988	Bats flying along the hedge at greensbridge farm, several were large (perhaps noctules), one was smaller. They appeared from the north and flew along the hedge between the 2 fields and near the brook	42
SJ453876	Diton Brook, Tarbock/Netherley, Liverpool, Merseyside.	Noctule Bat	<i>Nyctalus noctula</i>	terrestrial mammal		30/08/1988		42
SJ457876	Farm, Greensbridge Lane, Tarbock, Liverpool, Merseyside.	Noctule Bat	<i>Nyctalus noctula</i>	terrestrial mammal		30/08/1988		42
SJ425880	Beechurst Road, Gateacre, Liverpool	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	1 Count	15/01/1990-17/01/1990	Bat apparently in good health, weighed 5.9g and flew for 20 minutes.	31
SJ426881	Merseyside, Liverpool, Gateacre, Off Grange Lane, Beechurst RD	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	1 Count of Roosting	15/01/1990	Bat discovered during demolition of garage. Evidence of roost between garage and next door extension, bat appeared injured	42
SJ4287	Merseyside, Liverpool, Gateacre, Cherry Vale	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	60 Count of Roosting	1989 - 1992	They have roosted behind soffit for some years, they emerge at the apex and owner has previously counted 60 emerging	42
SJ4287	Merseyside, Liverpool, Wollton, Reynolds Park	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	<1 Count of in flight	September 1989	Bats seen flying along footpath at top of Wollton hill road	42
SJ4288	Merseyside, Liverpool, Gateacre, Beech nut Drive	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	1 Count	15/01/1990	Injured bat found by workmen	42
SJ439879	former Lea Manor High School, Childwall Valley Road	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	1 Count of feeding; 2 Count	10/04/2007		1
SJ439879	former Lea Manor High School, Childwall Valley Road	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	1 Count	11/04/2007		1
SJ439879	former Lea Manor High School, Childwall Valley Road	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	1 Count	22/03/2007		1
SJ439879	former Lea Manor High School, Childwall Valley Road	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	1 Count	23/03/2007		1
SJ454895	Huyton	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal		06/07/2011	Probable roost.	43
SJ457894	Bass Site Huyton	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	1 Count of feeding	July 1999	2 Pipistrelle recorded hunting over the site however appeared at 3/4 hour after dusk and stayed for 10 mins suggesting they had come from further afield.	1
SJ461883	Tarbock Hall Farm	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	1 Count of Present	25/06/1999		1

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SJ461883	Tarbock Hall, Shippon Barn, Ox Lane	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	several Count of feeding	June 1999	Several observed hunting around the farmyard, the hedgerows and inside the metal barns.	1
SJ440689 96	Huyton Park, Huyton-With-Roby	Soprano Pipistrelle	<i>Pipistrellus pygmaeus</i>	terrestrial mammal	1 Count	07/09/2012		11
SJ4287	woodton	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal		April 1973	R.C	32
SJ433898	M62, Roby	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	1 Count	05/05/2010	Dead on motorway verge.	2
SJ436889 71	Huyton Park, Huyton-With-Roby	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	1 Count of dead	29/03/2011	roadkill.	11
SJ437489 70	Huyton Park, Huyton-With-Roby	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	1 Count of dead	31/03/2011	roadkill	11
SJ447888 33	Netherley Road, Netherley, Merseyside, South Lancashire	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	1 Count of dead	06/07/2011		44
SJ447888 33	Netherley Road, Netherley, Merseyside, South Lancashire	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	1 Dead Count of Adult	06/07/2011	dead on road	46
SJ458089 13	Roscoe's Wood	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	1 Count	04/07/2012	Roadkill.	45
SJ458289 14	Roscoe's Wood, Huyton-With-Roby	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	2 Count of dead	09/07/2012		11
SJ458389 14	Roscoe's Wood, Huyton-With-Roby	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	1 Count of dead	19/04/2011		11
SJ458789 14	Roscoe's Wood	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	1 Count	12/07/2012	Roadkill.	45
SJ460882	Tarbock Hall/ Ox Lane	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	1 Count	05/05/2003		47
SJ461883	Tarbock Hall, Prescot	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	1 Count of Droppings	01/04/2004		1

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
SJ456387 50	Dale farm	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	11/12/2009	No evidence found.	13
SJ457894	Bass Site Huyton	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	July 1999	No evidence of Great Crested Newts.	1
SJ456887 37	Dale farm	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	11/12/2009	No evidence found.	13

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SJ454898	Land off Logwood Road	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	10/02/2012		33
SJ456087 85	Dale farm	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	11/12/2009	No evidence found.	13
SJ461758 8631	Pond 2, Tarbock Hall, Tarbock	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	09/05/2004- 04/06/2004	No evidence of Great Crested Newts.	1
SJ459018 8734	Pond 3, Tarbock Hall, Tarbock	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	09/05/2004- 04/06/2004	No evidence of GC Newts.	1
SJ457289 20	Land at Cronton road	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	29/08/2008	Pond not suitable.	13
SJ435894	Land at Lakeside Naylors Road	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	October 2000	No evidence of Great Crested Newts or any other amphibians however reporter notes that it is likely that Common Frog and Toad use the pond for breeding.	1
SJ459108 8809	Pond 4, Tarbock Hall, Tarbock	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	09/05/2004- 04/06/2004	No evidence of GC Newts.	1
SJ437893	Pond on site	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	05/07/2008- 09/07/2008	no evidence found	6
SJ457787 79	Dale farm	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	11/12/2009	No evidence found.	13
SJ457589 36	Land at Cronton road	Bats	Chiroptera	terrestrial mammal	0 Count of Roost	29/08/2008	Low roosting potential.	13
SJ445049 0480	Redundant Stables Rydal Cottage	Bats	Chiroptera	terrestrial mammal	0 Count of Roost	29/08/2011		39
SJ453879	Millbridge Farm	Bats	Chiroptera	terrestrial mammal	0 Count of Roost	03/03/2010	No evidence of roosting found.	13
SJ458189 36	Land at Cronton road	Bats	Chiroptera	terrestrial mammal	0 Count of Roost	29/08/2008	Low roosting potential.	13
SJ435894	Land at Lakeside Naylors Road	Bats	Chiroptera	terrestrial mammal	0 Count of Roost	October 2000	No evidence of Bats, no roost potential.	1
SJ457289 33	Land at Cronton road	Bats	Chiroptera	terrestrial mammal	0 Count of Roost	29/08/2008	Low roosting potential.	13
SJ438881	Former Childwall Valley School	Bats	Chiroptera	terrestrial mammal	0 Count	22/03/2007- 11/04/2007	No Bats observed during dawn and dusk survey.	1
SJ457894	Bass Site Huyton	Bats	Chiroptera	terrestrial mammal	0 Count of Roosting	July 1999	No evidence of roosting Bats, some of the larger trees may contain roosting potential for species such as Noctules however not confirmed as unable to examine larger trees.	1
SJ457289 36	Land at Cronton road	Bats	Chiroptera	terrestrial mammal	0 Count of Roost	29/08/2008	Low roosting potential.	13
SJ456893	Trees at Rose Cottage, Cronton Road	Bats	Chiroptera	terrestrial mammal	0 Count of Roost	26/08/2005	No evidence of Bats, no roost potential.	1

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SJ439880	Former Childwall Valley School	Bats		Chiroptera	terrestrial mammal	0 Count		22/03/2007-11/04/2007	No Bats observed during dawn and dusk survey.	1
SJ443879	Coachmans Cottage	Bats		Chiroptera	terrestrial mammal	0 Count of Roost		13/11/2009	No signs of roosting found.	13
SJ461883	Tarbock Hall Farm	Bats		Chiroptera	terrestrial mammal	0 Count		13/03/2002	No evidence of Bat use.	1
SJ461883	Tarbock Hall Dutch Barns	Bats		Chiroptera	terrestrial mammal	0 Count		27/06/2007	No evidence of roosting Bats.	1
SJ456893	Rose Cottage, Cronton Road, Tarbock, Knowsley	Bats		Chiroptera	terrestrial mammal	0 Count		20/02/2003		1
SJ457876	Dale Farm	Bats		Chiroptera	terrestrial mammal	0 Count		06/07/2009		13
SJ459876	Green's Bridge Farm, Tarbock	Bats		Chiroptera	terrestrial mammal	0 Count		06/04/2001		1
SJ459876	The Old Post Office, Greensbridge Lane, Tarbock	Bats		Chiroptera	terrestrial mammal	0 Count of Roosting		11/12/2000		1
SJ451390 67	Logwood Mill Brook.	Bats		Chiroptera	terrestrial mammal	0 Count of Adult		24/03/2004		1
SJ4390	Marconi Sports Centre, Roby Road, Huyton	Bats		Chiroptera	terrestrial mammal	0 Count of Roosting		11/01/2004	no evidence of use for bats	1
SJ445907	Victoria Gardens Nursing Home	Bats		Chiroptera	terrestrial mammal	0 Count		27/04/2009	No roosting evidence found, but opportunities present.	13
SJ457589 23	Land at Cronton road	Bats		Chiroptera	terrestrial mammal	0 Count of Roost		29/08/2008	Low roosting potential.	13
SJ460589 38	Land at Cronton road	Bats		Chiroptera	terrestrial mammal	0 Count of Roost		29/08/2008	Low roosting potential.	13
SJ454898	Land off Logwood Road	Bats		Chiroptera	terrestrial mammal	0 Count of Roost Potential		10/02/2012		33
SJ460089 30	Land at Cronton road	Bats		Chiroptera	terrestrial mammal	0 Count of Roost		29/08/2008	Low roosting potential.	13
SJ432690 46	Land adjacent to Redgate Lodge, Roby	Bats		Chiroptera	terrestrial mammal	0 Count		25/02/2010		48
SJ45989 35	Land at Cronton road	Bats		Chiroptera	terrestrial mammal	0 Count of Roost		29/08/2008	Low roosting potential.	13
SJ458900	Orchid Environmental, Stretton Way	Bats		Chiroptera	terrestrial mammal	0 Count of Roost		02/04/2009	No evidence of roosting found.	13
SJ454882	Millbrook confluence, Winster Drive	European Water Vole		Arvicola amphibius	terrestrial mammal	0 Count		1999		1
SJ451390 67	Logwood Mill Brook.	European Water Vole		Arvicola amphibius	terrestrial mammal	0 Count		24/03/2004		1
SJ455888	Huyton Treatment Works, Coney Lane	European Water Vole		Arvicola amphibius	terrestrial - -	0 Count		1999	-	1

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SJ445893	Wheathill Road	European Water Vole	<i>Arvicola amphibius</i>	mammal	0 Count	1999		1
SJ461898	River Ditton, Prescol Brook, Huyton LE	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	0 Count	May 2000 - October 2000	500m of every 2km of the linear watercourses were surveyed.	1
SJ455894	Land at Lakeside Naylor's Road	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	0 Count	October 2000	No evidence of Water Voles.	1
SJ432690	Land adjacent to Redgate Lodge, Roby	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	0 Count	25/02/2010		48
SJ454898	Land off Logwood Road	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	0 Count	10/02/2012		33
SJ447888	Netherley Brook, Huyton Effluent Works	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal		02/08/1999	Surveyed but no signs	12
SJ445893	Netherley Brook, Wheathill Rd	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal		02/08/1999	Surveyed but no signs	12
SJ458902	Longwood Mill Brook	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	0 Count	02/04/2009		15
SJ453871	River Ditton, Netherley Brook, Foxhill Farm	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	0 Count	May 2000 - October 2000	500m of every 2km of the linear watercourses were surveyed.	1
SJ457894	Bass Site Huyton	Hazel Dormouse	<i>Muscardinus avellanarius</i>	terrestrial mammal	0 Count	July 1999	No evidence of Dormice.	1

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

Source key	Dataset or data provider	Type
1	EAS Dataset	BioBank
2	Ad hoc 2010	BioBank
3	RODIS ad hoc 2014	BioBank
4	Cheshire rECOrd Overlap	BioBank
5	MBB Online - General	BioBank
6	Report Harvest 2010 01-03	BioBank
7	BIRDS - LCFS Records	BioBank
8	Liverpool Museum	BioBank
9	RODIS Site Monitoring	BioBank



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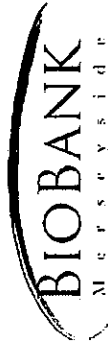
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10	Liverpool Space for Nature Report	BioBank
11	Gilbert21 Ben Deed General	BioBank
12	Lancashire Wildlife Trust Dataset	BioBank
13	Report Harvest 2010 07-09	BioBank
14	Phase 1 surveys 1995	BioBank
15	Report Harvest 2010 10-12	BioBank
16	RODIS General Steve McWilliam	BioBank
17	Ad hoc before 2010	BioBank
18	RODIS General Howard Harris	BioBank
19	Dave Earl Crassula helmsii	BioBank
20	Tony Carter Fungi 2012	BioBank
21	Tony Carter Fungi 2011	BioBank
22	Association of British Fungus Groups MBB Verified	BioBank
23	Fungi North Merseyside 2006-2009	BioBank
24	Tony Carter Fungi 2010	BioBank
25	Tony Carter Fungi 2013	BioBank
26	Butterfly Conservation Butterflies	BioBank
27	Lancashire and Cheshire Fauna Society Odonata	BioBank
28	Lancashire Moth Group macro-moths	BioBank
29	Liverpool Museum Bats	BioBank
30	BCT NBMP Survey Data	BioBank
31	Louise Wisniewski Bats	BioBank
32	Mammal Society	BioBank
33	Report Harvest 2013 01-03	BioBank
34	Tony Parker General	BioBank
35	Red Squirrel Project	BioBank
36	Dave Earl Mammals to May 2010	BioBank
37	RODIS Admin	BioBank
38	Environment Agency 2011 - Mammals	BioBank
39	Report Harvest 2012 04-06	BioBank

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40	Northwest Lowlands Water Vole Project 2011	BioBank
41	Liverpool Museum Mammal Day Book	BioBank
42	Merseyside & West Lancs Bat Group	BioBank
43	Ad hoc 2011	BioBank
44	RODIS General Susan Marley	BioBank
45	Gilbert21 Richard Burkmar General	BioBank
46	RODIS 2011	BioBank
47	Dave Hardy Mammals	BioBank
48	Report Harvest 2011 07-09	BioBank
49	Environment Agency (Biodiversity staff)	NBN
50	Botanical Society of Britain and Ireland	NBN
51	Dragonfly Recording Network	NBN
52	Derbyshire Biological Records Centre	NBN
53	Biological Records Centre	NBN
54	Northumberland Wildlife Trust	NBN



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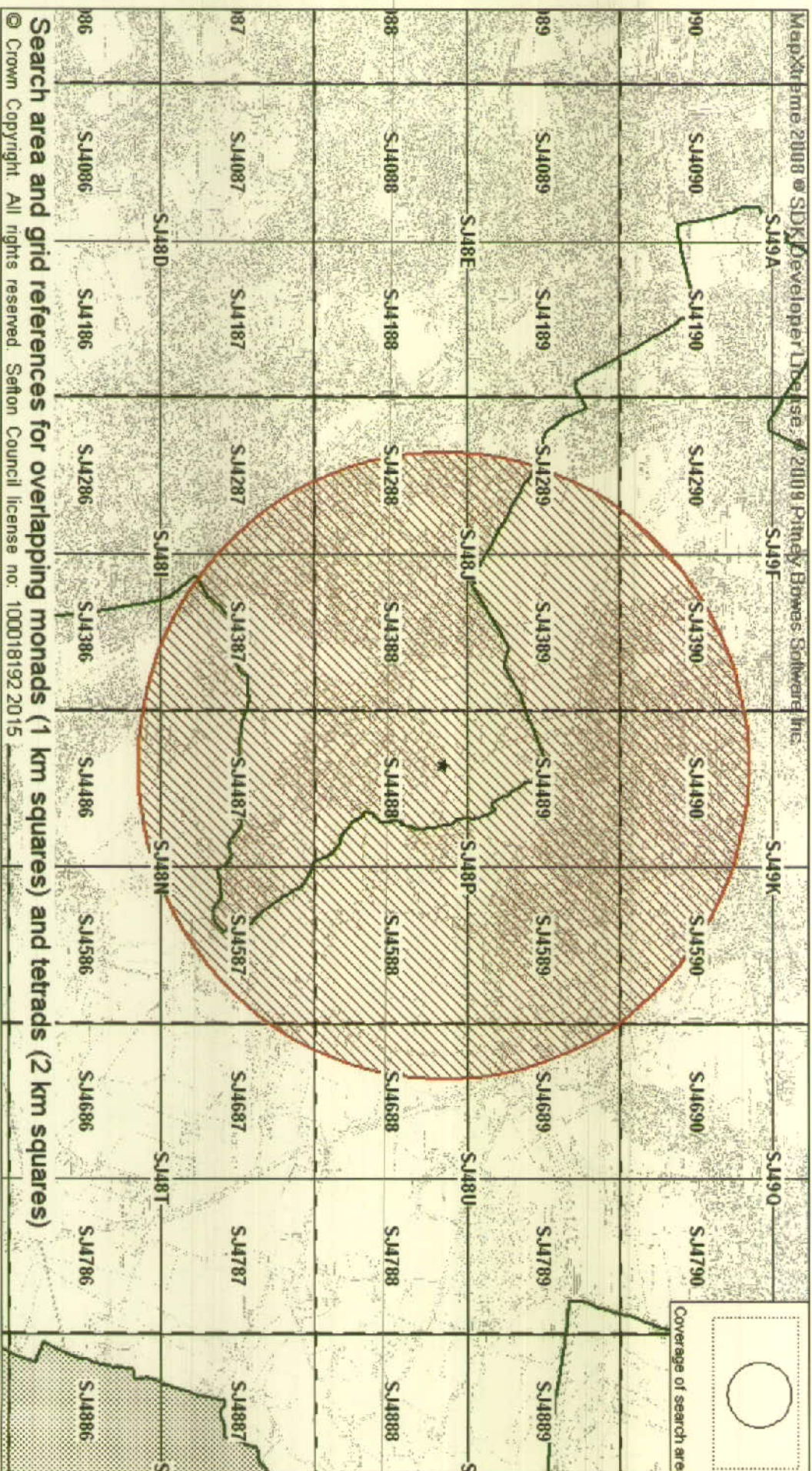
Appendix 3: Maps

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

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

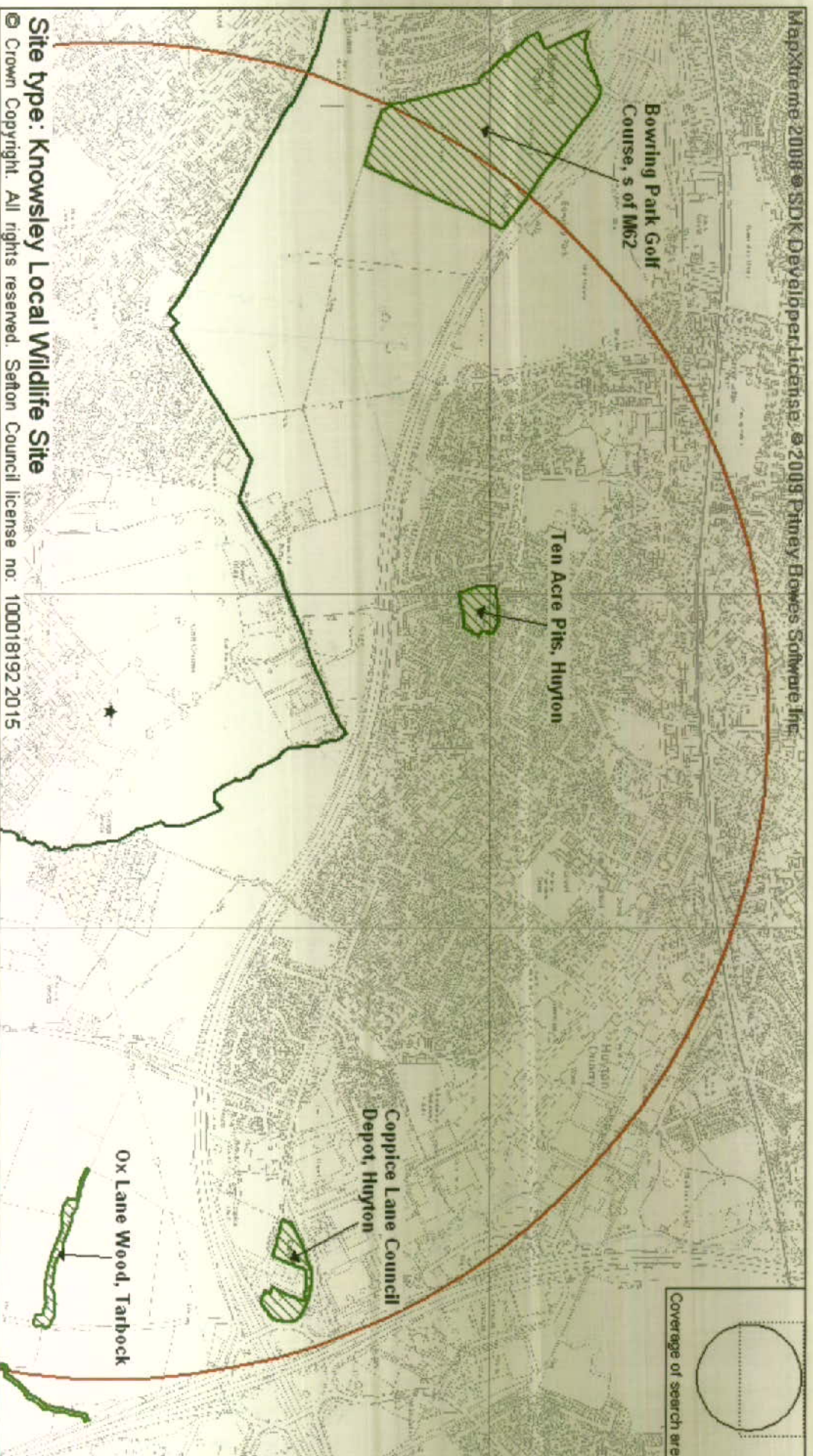
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for North Merseyside**

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Farrar Barn, Court Hey Park
Raby Road, Liverpool
L16 3NA
Tel: 0151 737 4150
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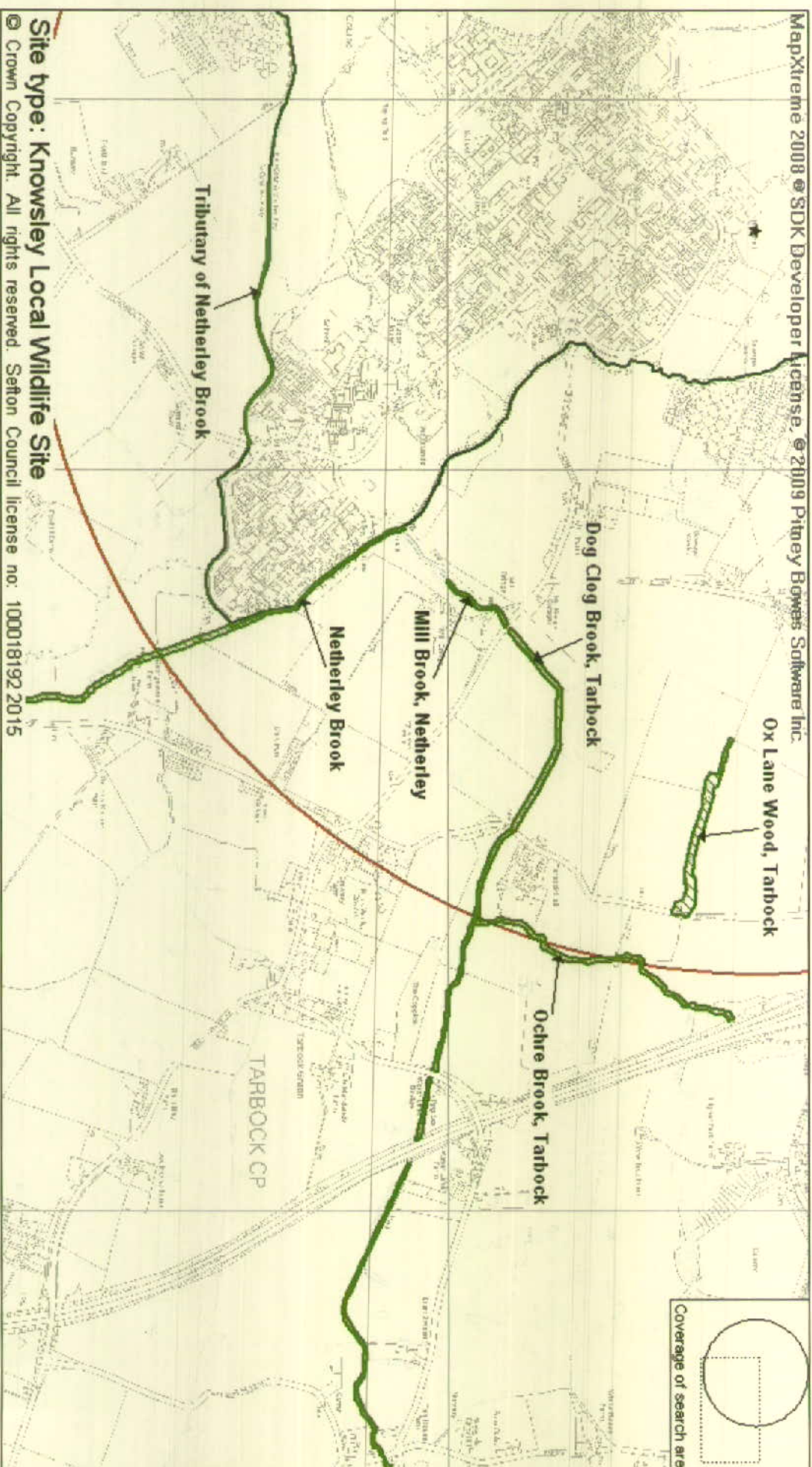
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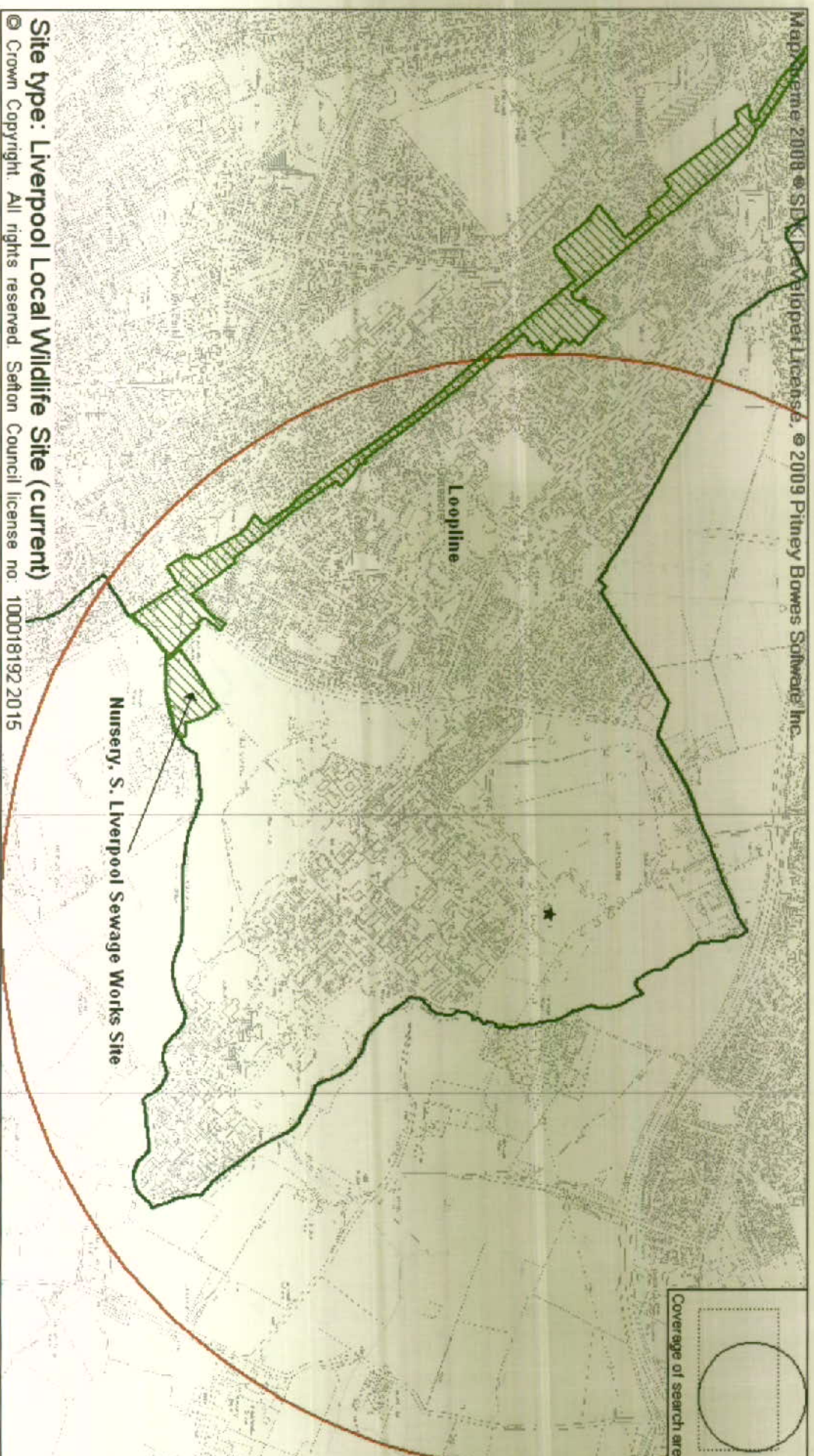
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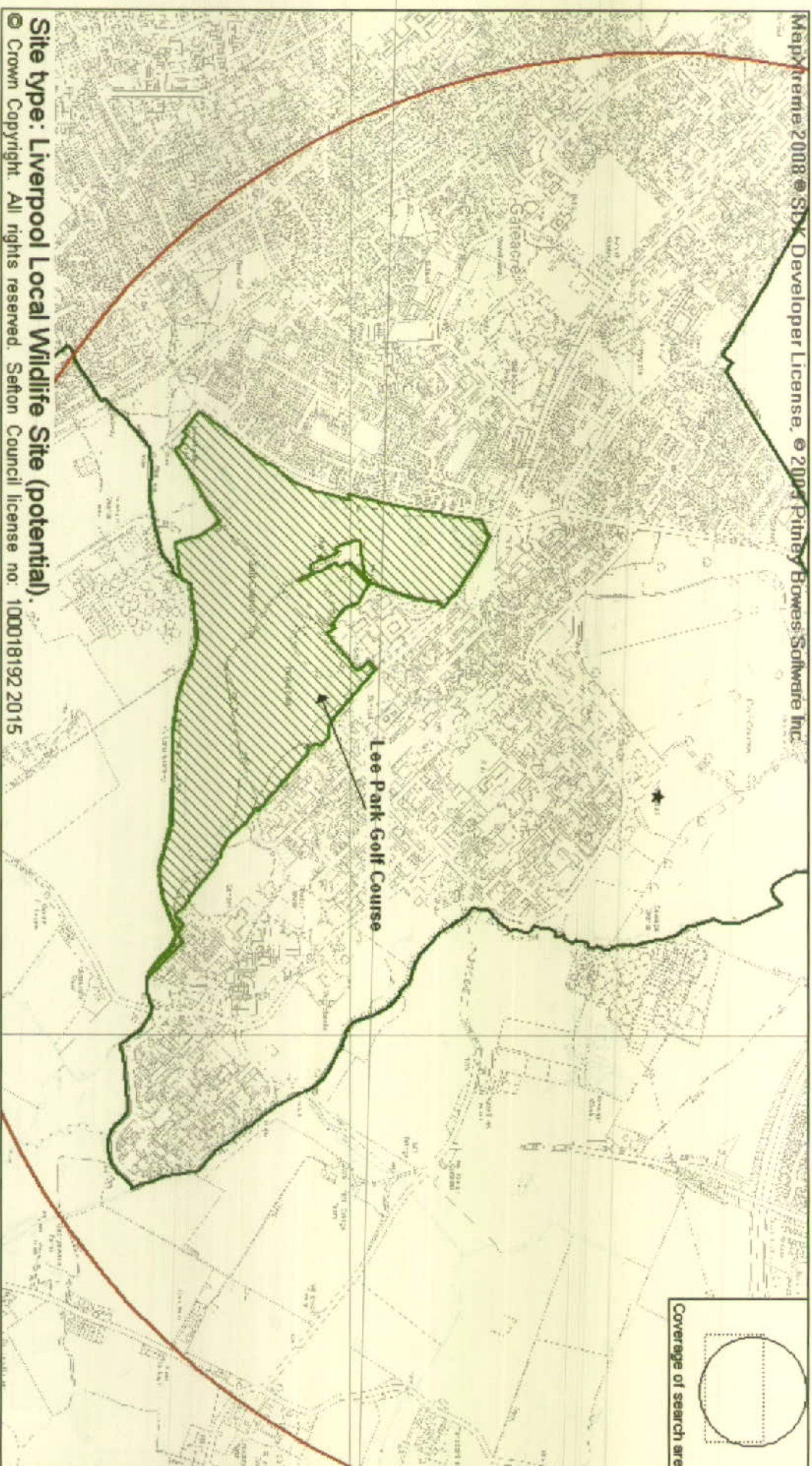
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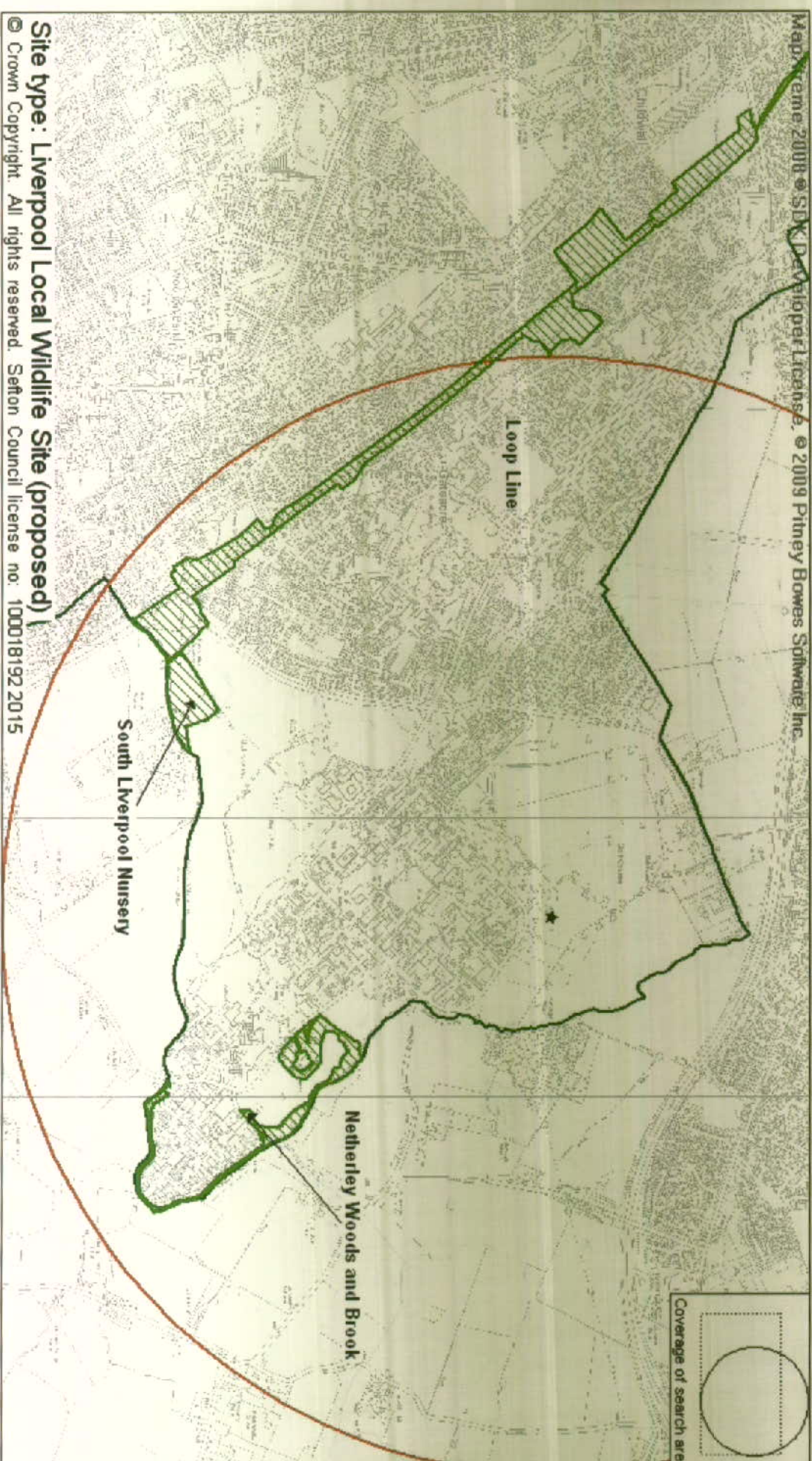
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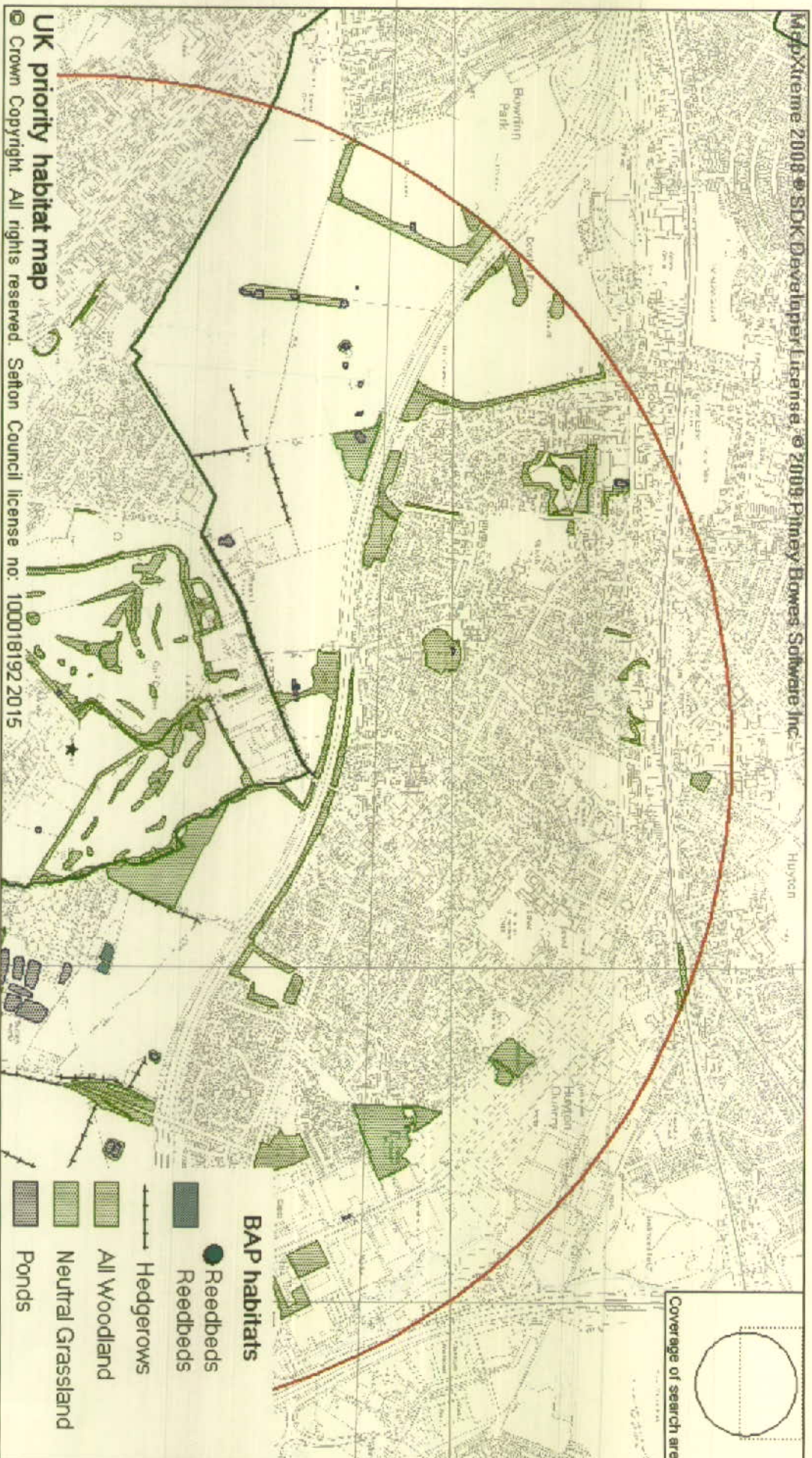


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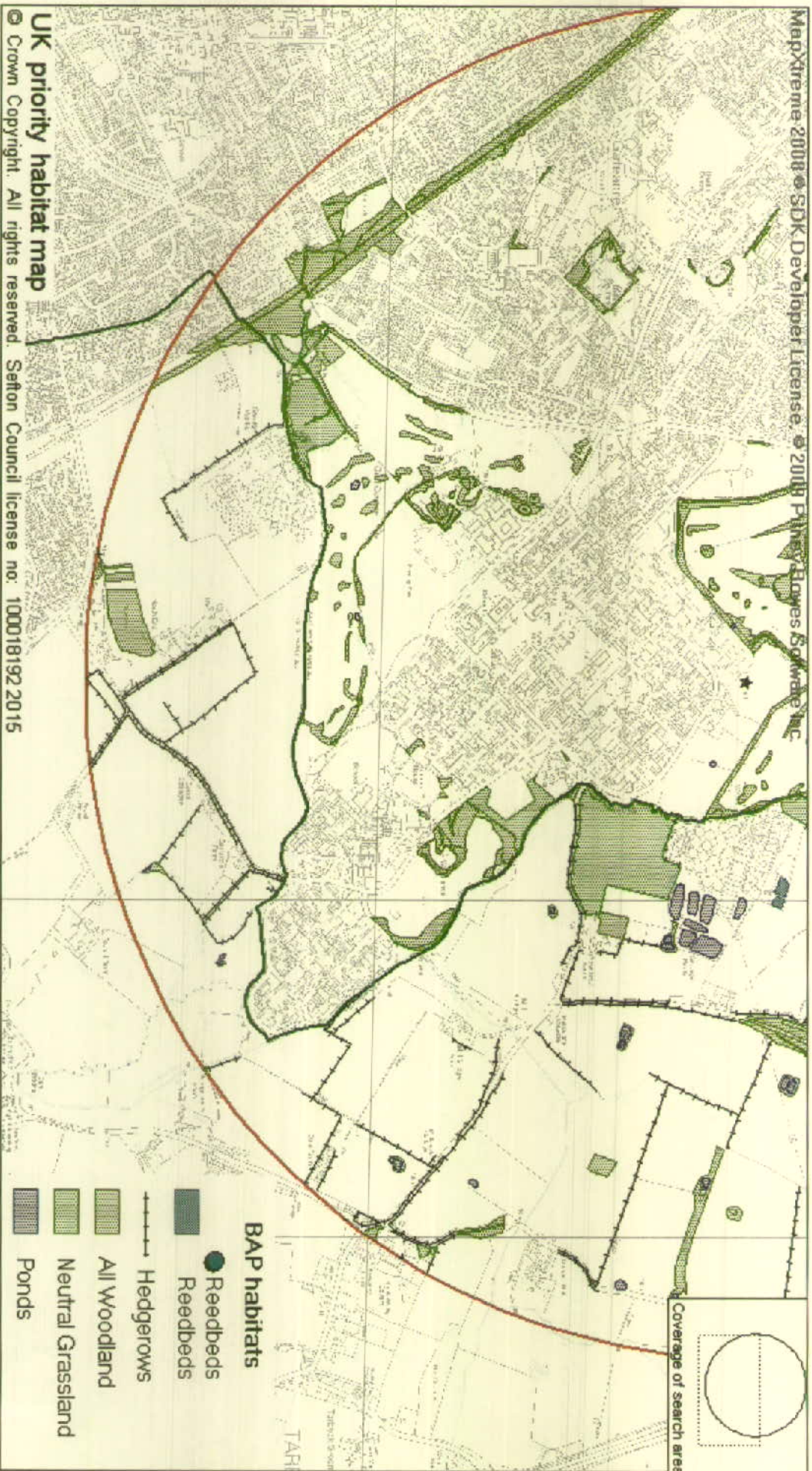
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Composite Phase 1 map

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