

Extended Phase One Habitat Survey (Preliminary Ecological Appraisal)

Whitehouse Club, Middleton Road, Crumpsall, M8 4JZ.

Report prepared for Dappa Homes

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1. Introduction

1.1 Background to the project

The client proposes the redevelopment of the land located at the Whitehouse Club, Middleton Road, Crumpsall, M8 4JZ. The details of the developments are indicative and included in Appendix One.

1.2 Site Location and Context

The site contains the Whitehouse Club and associated car parking a bowling green and a grassland area all off Middleton Road, Crumpsall. The site is surrounded by residential housing and road infrastructure. Currently the habitats present on site are: Broadleaf scattered trees, amenity grassland, poor semi improved grassland and hard standing.

1.3 Report purpose

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

1.3.1 Surveyor information

Simon Brain has attained a Post Graduate Certificate in Biological Recording and has attended residential FSC Field Courses for Land mammal identification, Songbird identification, Barn Owls (CIEEM) and Advanced Bird Survey Techniques (Level M). He holds a NE Class 2 bat license (17334-CLS). He has attended various designated sites and carried out vascular plant identifications with verifiers. He has been working as an appointed person trapping Great Crested Newt and has experience with amphibians and reptiles. In addition he is a Chartered arboriculturist.

2. Desk Study

2.1 Methodology

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

Information on non-statutory designated sites and legally protected/notable species records were obtained from the Local Records Centre (Greater Manchester Ecological Unit) which are appended to this report. The sites grid reference used for the data search SD 83520 03029.

2.2 Results overview

GMEU have confirmed there are three Sites of Biological Importance (SBIs) within the area of search and one Local Nature Reserve (LNR). The listed SBI's are Bowker Vale Reservoirs 250m approx. to the east, Blackley Forest and Heaton Vale Reservoirs 350m approx. north east of site and Lakeside woodland in Heaton Park 550m approx. north of site. In addition Blackley Forest is a designated LNR.

GMEU have confirmed a number of bat species reside within the search area within 0.5km from site, notably a Pipistrelle roost 250m approx. to the south of site. Other notable and or protected species include: badger records, avian records and mammalian records including otter and Hedgehog. Some of these species may have the capacity to be present on site such as House nesting species including Sparrow and Starling which are listed in the LRC data. The grassland habitat may also support NERC Act avian species listed in the LRC data such as Bullfinch and Dunnock

2.2.1 Designated Sites and habitats

GMEU have confirmed there are three Sites of Biological Importance (SBIs) within the area of search and one Local Nature Reserve (LNR).

BAP priority habitats have been identified within the 1km using <http://www.natureonthemap.naturalengland.org.uk/MagicMap.aspx> and they

are listed as being deciduous and broadleaf woodland sites approximately 0.25km east of site within the Bowker Vale areas. Wood Pasture is also listed within the Lakeside woodland SBI.

2.2.2 Protected or Notable Species

Summary

There are a high number of avian records in the LRC data with woodland and grassland species are cited. The site has potential to contain a number of Urban Bird species including House Sparrow and Starling particularly. Amphibian records include common toad and vascular plant records are absent. A single water vole record appears. There is a Hedgehog (1998) record. Bat *sp* (signs and roosts) are provided as mammalian records and are the most numerically high species. We would stress a negative result does not indicate the absence of protected species from the area of search.

3. Extended Phase One Habitat Survey

3.1 Methodology and survey results

The site was visited on the 22nd June 2017 and a survey of the site was conducted using the Joint Nature Conservation Committee (JNCC) Handbook for Phase 1 habitat survey 2010. Distinct habitats were identified and any features of particular nature conservation interest or habitat areas that were too small to map were subject to a more detailed description in a Target Note (TN) and contained in Appendix 1 – Extended Phase 1 Habitat Survey Mapping and Appendix 2 – Vascular Plant Site List.

3.1.2. Vascular Plants and Habitat

Habitat coding identified within the survey are listed below and shown on the Habitat Plan.

Habitat Code	Dominant species	Less frequent species
A.3.1 Broadleaf scattered trees	Prunus avium, Betula pendula, Fraxinus excelsior, Fagus sylvatica, Salix fragilis, Quercus robur	Crataegus monogyna, Tilia platyphyllos
B6 Poor Semi improved grassland	Dactylis glomerata, Holcus lanatus, Poa annua, Festuca rubra	Arrhenatherum elatius, Luzula campestris
J.1.2 Amenity grassland	Ranunculus repens Lolium perenne Trifolium repens Festuca rubra	Poa annua Plantago major

In addition hard standing and buildings are present as shown on the habitat plan.

Target Notes

Target Note 1. Dwarf wall noted

Target Note 2. Mammal runs observed

Target Note 3. Building of potential for bat use

Target Note 4. Grassland of value to breeding birds

3.1.3 Protected and Notable Species (Mammals)

Water Voles

No habitat is present on the site that is suitable for water voles to be present as no ditch / vegetated water source is present.

Bat species

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

There is a building on site to consider which shall require further investigation for its bat roost potential. There are a number of trees which require further investigation for Preliminary Roost Features (PRF) prior to any tree removal works being undertaken.

Badgers

Badgers are protected under Schedule 6 of the Wildlife and Countryside Act 1981, and under the Protection of Badgers Act 1992, which prohibits deliberate interference with the animal or its sett. A standard badger survey was undertaken making checks site and in the immediate site margins for example to the north of site for up to 15m+ from site for signs for field signs of Badger (hair, tracks, prints, dropping, latrines) and none were found. Badger records have appeared in the LRC data and single undeterminable mammal run was observed in the south west corner of the site that could be attributable to the species.

Hedgehog

Field signs of this species were checked such as droppings and footprints during the walkover survey and none were found.

Fox

Fox is likely to visit site but no field signs were available to confirm this.

3.1.4 Amphibians

There is no suitable aquatic breeding habitat associated with the site or its margins. Common Toad records appear in the LRC data. Amphibians are

unlikely to use the land for it is heavily land locked by road barriers and residential housing.

3.1.5 Birds

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

Although no specific bird survey was undertaken the site is highly unlikely to support a significant assemblage of breeding birds. Some higher value species were recorded on site at the time of survey which included House Sparrow commuting on the western boundary.

Any tree work undertaken in the bird breeding season shall require a precautionary bird breeding survey. The semi improved grassland to the rear of the site is considered to be good bird breeding habitat.

3.1.6 Vascular Plants

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

The amenity grassland is typical of urban grasslands which can be a part of the local BAP habitat type and therefore contributes to overall biodiversity in the local area.

The semi improved grasslands are most likely to have developed into semi improved following neglect of use of the area as recreation playing field.

3.1.7 Reptiles

There is little or no suitable habitat for reptiles due to a lack of refugia, hibernation and basking areas. No records from the LRC data have been provided.

3.2. Constraints to the Surveys

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

4. Summary/Impact and Recommendations

4.1 Summary – Protected habitats

The surveys have confirmed that the site is unlikely to support habitats protected under Section 41 of the Natural Environment and Rural Communities (*NERC*) Act 2006 - Habitats and Species of Principal Importance in England.

Summary - Protected species

No evidence of protected species was recorded on site. However, the site has potential to support breeding birds and has a potential for bats to be either roosting or commuting/feeding on the site within the habitat or roosting in trees/buildings.

No evidence of badger or hedgehog was found on site or its immediate site margins.

There are no protected higher plants species present during the survey and no non-native invasive plants were identified.

Amphibians are highly unlikely to be affected by the proposals.

Summary – Protected sites

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

Impact

The impact on mammals will need to be judged in the context of further survey work, particularly for bat species.

The only vascular plant habitat on this site relates to the amenity and poor semi improved grasslands which are considered to be of ecological value at local level. The ecological value of this part of the site is therefore negligible but its loss is of some significance at the local level.

The impact at avian species level is also significant at the local level due to the loss of breeding habitat (scrub and scattered trees).

4.2 Recommendations for protected species

4.2.1 Mammals

Bats. The building will require an internal and external protected species appraisal (Bat Roost Assessment). From this appraisal determination of the number of emergence surveys that are required shall be confirmed.

There are a number of trees which require further investigation for Preliminary Roost Features (PRF) prior to any tree removal works being undertaken.

Badger. A further walkover survey for this species is recommended prior to any start of development work on site.

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

4.2.2 Amphibians

Great Crested Newt. No breeding habitat exists on the site for this species. No further surveys are required for this species.

4.2.3 Avian

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

4.2.4 Vascular Plants

No other further surveys are required for Vascular Plants.

5. Mitigation / Enhancement measures

5.1 Mitigation and enhancement measures

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

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

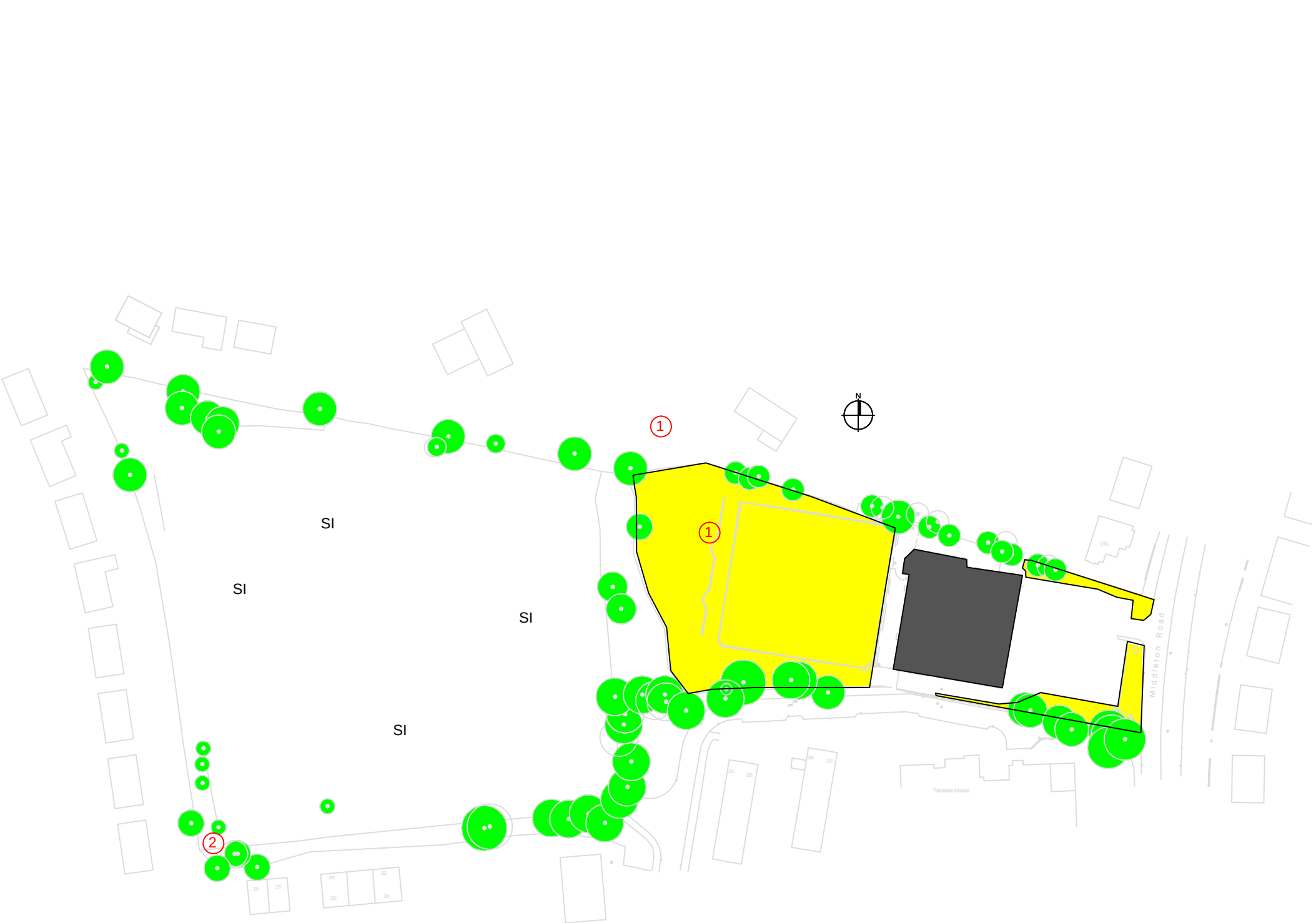
Habitats and species/ enhancement measures

Some loss of locally important grassland is due to occur and therefore potential enhancement could include:

- Species specific nest boxes for Urban Birds such as Starling and House Sparrow. Sparrow terrace nest boxes could be affixed to south facing properties and Starling nest boxes shall be fixed to trees

- The landscaping scheme shall focus on the installation of a native, nectar rich, native tree and shrub species of local provenance. These are recommended in preference to non-native, ornamental species. Planting of tree and shrub species that support a high insect biomass and provide a potential food source such as rowan, silver birch, alder buckthorn, dogwood, crab apple and wild plum are recommended
- In addition the use of a planted hedgerow to the boundaries (replacing any 'close board' type fence approach, where possible). The hedgerow needs to be of a mixed native and species rich composition and shall be 750mm in width (Triple planted row).

Appendix 1 Extended Phase 1 Habitat Survey Map



- KEY
-  A.3.1 Parkland broadleaf scattered trees
 -  B.6 Poor Semi Improved Grassland
 -  J.1.2 Amenity Grassland
 -  J.3.6 Buildings
 -  Target Notes. Refer to Preliminary Ecological Appraisal

Client:		
Dappa Homes		
Project:		
Whitehouse Club Middleton		
Detail:		
Phase One Habitat Map		
Drawn By:	Date:	Scale:
SB	28 06 17	NTS
Drg No:	Revision:	
TR-01	V1	



Appendix 2 Site Vascular plant list

Acer pseudoplatanus
Alnus glutinosa
Arrhenatherum elatius
Chamerion angustifolium
Cirsium arvense
Convolvulus sp.
Craetagus monogyna
Dactylis glomerata
Euphorbia repens
Fagus sylvatica
Fraxinus excelsior
Festuca rubra
Galium aparine
Geranium robertianum
Hedera helix
Hippuris vulgaris
Holcus lanatus
Jacobea vulgaris
Lolium perenne
Ligustrum vulgare
Luzula campestris
Plantago lanceolata
Plantago major
Prunus avium
Prunus spinosa
Poa annua
Rumex acetosa
Quercus robur
Salix caprea
Salix fragilis
Sambucus nigra
Seline latifolia
Ranunculus repens
Rubus sp.
Rumex obtusifolius
Rubus agg.
Taraxacum officinale
Trifolium repens
Tilia x europaea
Ulmus sp (procera)
Urtica dioica
Vicia cracca
X Cupressocypariss leylandii

ECOLOGICAL SEARCH
WHITEHOUSE CLUB, CRUMPSALL
GRID REF SD 8352 0302
1KM RADIUS SEARCH
PROTECTED/PRIORITY SPECIES

Species	Grid_Ref	Site	Date	Abundance	Comment
Bat roosts					
Bat sp	SD840029	Manchester	24/06/2006	Present Droppings; Present Roosting - Roost	Dropping found - potential roost but not confirmed
Bat sp	SD840030	Manchester	24/06/2006	Present Droppings; Present Roosting - Roost	Dropping found - potential roost by not confirmed
Pipistrelle sp	SD826025	Sedgley Park, Prestwich	20/08/2002	1 Sex/Stage Not Recorded; Present Roost - Roost	roost at Albert Ave.
Pipistrelle sp	SD836027	Crumpsall, Manchester	03/07/1996	Present Roost - Roost	roost at Duxford Lodge, Holland Rd. Sheltered housing - droppings on window sills and roosting behind fascia boards
Soprano Pipistrelle	SD841033	Blackley, Manchester	16/10/2006	1 Sex/Stage Not Recorded; Present Roost - Roost	Hill Crescent Blakeley Manchester M9 8EX
Bats other signs					

ECOLOGICAL SEARCH
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PROTECTED/PRIORITY SPECIES

Species	Grid_Ref	Site	Date	Abundance	Comment
Bat sp	SD82780283		06/09/2012	Present Sex/Stage Not Recorded - Commuting	Assessment of Woodthorpe Grange. Moderate bat activity.
Bat sp	SD838030	Crumpsall, Manchester	01/06/2000	Present In Flight - Field Record	seen over fishing lodges. Possibly Pips and Daubs.
Brown Long-eared Bat	SD840029	Manchester	02/05/2006	Present Foraging - Field Record	Foraging over woodland
Common Pipistrelle	SD826025	Radcliffe	24/08/2008	Present Sex/Stage Not Recorded - casualty (not ro	Found Fort Road. Problem: Cat - details tbc.
Common Pipistrelle	SD827028	Prestwich	06/09/2012	1 Sex/Stage Not Recorded - foraging	and commuting from north
Common Pipistrelle	SD82780287		06/09/2012	Present Sex/Stage Not Recorded - Commuting	4 min before sunset.
Common Pipistrelle	SD83090387	Heaton Park	25/06/2014	1 Sex/Stage Not Recorded - aural bat detector	Anabat recording. 8 Sound files

ECOLOGICAL SEARCH
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1KM RADIUS SEARCH
PROTECTED/PRIORITY SPECIES

Species	Grid_Ref	Site	Date	Abundance	Comment
Common Pipistrelle	SD833039	Heaton Park, Middleton	19/08/1987	1 Sex/Stage Not Recorded - aural bat detector	Present
Common Pipistrelle	SD835022	Crumpsall, Manchester	01/06/1995	2 Sex/Stage Not Recorded - foraging	feeding over garden of Bury Old Rd. from mid-April to the end of Sept.
Common Pipistrelle	SD839024	Manchester	10/02/2008	1 Male - casualty (not road)	Found The Cleveland Pub. Problem: None apparent.
Common Pipistrelle	SD839030	Manchester	24/06/2006	Present Foraging - Field Record	Foraging
Common Pipistrelle	SD840029	Manchester	02/05/2009	Present Foraging - Field Record	Foraging over woodland
Common Pipistrelle	SD840030	Manchester	15/05/2006	2 Commuting - Field Record	Commuting - x2
Common Pipistrelle	SD840034	Blackley Forest	01/04/2005	30 Sex/Stage Not Recorded - Field Record	Survey between April & Sept. 20-30 of both pips recorded. From Nature Conservation Audit of Blackley Forest
Common Pipistrelle	SD840036	Blackley Forest & Heaton Vale Reservoirs SBI	01/04/2005	Present Sex/Stage Not Recorded - Field Record	20 - 30 Pips (of both species) recorded

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1KM RADIUS SEARCH
PROTECTED/PRIORITY SPECIES

Species	Grid_Ref	Site	Date	Abundance	Comment
Common Pipistrelle	SD841027	Crumpsall, Manchester	22/08/2003	1 Sex/Stage Not Recorded - casualty (not road)	injured bat at Maldwyn Ave. - euthanased
Common Pipistrelle	SD841029	Manchester	18/05/2006	Present Foraging - Field Record	Foraging
Common Pipistrelle	SD841035	Crumpsall, Manchester	25/04/2001	1 Sex/Stage Not Recorded - Field Record	seen over lodges.
Common Pipistrelle	SD843035	Blackley Forest	01/04/2005	30 Sex/Stage Not Recorded - Field Record	Survey between April & Sept. 20-30 of both pips recorded. From Nature Conservation Audit of Blackley Forest
Daubenton's Bat	SD840036	Blackley Forest & Heaton Vale Reservoirs SBI	01/04/2005	6 Sex/Stage Not Recorded - Field Record	Approx. half-a-dozen recorded
Daubenton's Bat	SD841029	Manchester	24/06/2006	Present Foraging - Field Record	Foraging and commuting along river
Daubenton's Bat	SD841035	Blackley Forest	01/04/2005	6 Sex/Stage Not Recorded - Field Record	Survey between April & Sept. Approx 6 indiv recorded from both lodges. From Nature Conservation Audit of Blackley Forest
Daubenton's Bat	SD842031	Blackley Forest	01/04/2005	6 Sex/Stage Not Recorded - Field Record	Survey between April & Sept. Approx 6 indiv recorded from both lodges. From Nature Conservation Audit of Blackley Forest

ECOLOGICAL SEARCH
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PROTECTED/PRIORITY SPECIES

Species	Grid_Ref	Site	Date	Abundance	Comment
Myotis sp	SD840029	Manchester	02/05/2009	Present Foraging - Field Record	Foraging over woodland
Myotis sp	SD840030	Manchester	18/05/2006	3 Commuting - Field Record	Commuting - x3
Myotis sp	SD841029	Manchester	24/06/2006	Present Foraging - Field Record	Foraging
Natterer's Bat	SD839030	Manchester	24/06/2006	Present Foraging - Field Record	Foraging
Natterer's Bat	SD841029	Manchester	18/05/2006	2 Foraging - Field Record	foraging over river x2
Noctule Bat	SD840034	Blackley Forest	01/04/2005	12 Sex/Stage Not Recorded - Field Record	Survey between April & Sept. Less than 12 indvs recorded from woodland. From Nature Conservation Audit of Blackley Forest
Noctule Bat	SD840036	Blackley Forest & Heaton Vale Reservoirs SBI	01/04/2005	11 Sex/Stage Not Recorded - Field Record	Less than a dozen recorded
Noctule Bat	SD843035	Blackley Forest	01/04/2005	12 Sex/Stage Not Recorded - Field Record	Survey between April & Sept. Less than 12 indvs recorded from site. From Nature Conservation Audit of Blackley Forest
Pipistrelle sp	SD827031	Prestwich Manchester	15/08/2005	Present Sex/Stage Not Recorded - casualty (not ro	Oak Field Prestwich Manchester, bat in house assumed to be released

ECOLOGICAL SEARCH
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PROTECTED/PRIORITY SPECIES

Species	Grid_Ref	Site	Date	Abundance	Comment
Pipistrelle sp	SD828031	Crumpsall, Manchester	31/10/2002	1 Sex/Stage Not Recorded - casualty (not road)	bat found in Park Rd. in bedroom
Pipistrelle sp	SD830023	Broughton Park	24/05/1999	2 Adult - Field Record	2 bats found in one week in kitchen at 118, Park Rd.
Pipistrelle sp	SD833039	Heaton Park, Middleton	19/08/1987	Present Sex/Stage Not Recorded - aural bat detect	
Pipistrelle sp	SD835022	Crumpsall, Manchester	01/06/1995	2 Feeding - Field Record	feeding over garden of Bury Old Rd. from mid-April to the end of Sept.
Pipistrelle sp	SD837032	Crumpsall, Manchester	02/08/1995	6 Feeding - Field Record	seen at 9.55.pm feeding in circular motion for about 10mins in the lane leading to the industrial estate , off Bowkers Bank Ave, before following the line of the tram line towards Manchester
Pipistrelle sp	SD839026	Crumpsall, Manchester	10/07/2004	1 Female - casualty (not road)	Released Adult female
Pipistrelle sp	SD840026	Crumpsall, Manchester	11/07/2004	1 Sex/Stage Not Recorded - casualty (not road)	Grounded in garden, later released

ECOLOGICAL SEARCH
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1KM RADIUS SEARCH
PROTECTED/PRIORITY SPECIES

Species	Grid_Ref	Site	Date	Abundance	Comment
Pipistrelle sp	SD842023	Manchester	10/02/2008	1 Sex/Stage Not Recorded - casualty (not road)	Cleveland Pub, Crumpsall Lane, Manchester M8 5SR
Soprano Pipistrelle	SD840034	Blackley Forest	01/04/2005	30 Sex/Stage Not Recorded - Field Record	Survey between April & Sept. 20-30 of both pips recorded. From Nature Conservation Audit of Blackley Forest
Soprano Pipistrelle	SD840036	Blackley Forest & Heaton Vale Reservoirs SBI	01/04/2005	Present Sex/Stage Not Recorded - Field Record	20 - 30 Pips (a mix of both species) recorded
Soprano Pipistrelle	SD841029	Manchester	11/08/2008	2 Foraging - Field Record	Foraging x2
Soprano Pipistrelle	SD843035	Blackley Forest	01/04/2005	30 Sex/Stage Not Recorded - Field Record	Survey between April & Sept. 20-30 of both pips recorded. From Nature Conservation Audit of Blackley Forest

Other protected species

Otter	SD8447802989	River Irk	19/08/2013	1 Adult - Field Record	
Kingfisher	SD834038	Lakeside Woodland in Heaton Park SBI	12/10/2014	Present Adult - Field Record	WEBS
Kingfisher	SD840036	Blackley Forest & Heaton Vale Reservoirs SBI	01/04/2005	Present Sex/Stage Not Recorded - Field Record	Recorded on most visits along the River Irk

Water vole

ECOLOGICAL SEARCH
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GRID REF SD 8352 0302
1KM RADIUS SEARCH
PROTECTED/PRIORITY SPECIES

Species	Grid_Ref	Site	Date	Abundance	Comment
Water Vole	SD83590400	Lakeside Wood Heaton Park	25/04/2005	Present Sex/Stage Not Recorded - Field Record	orig grid ref = SD835040
Water Vole	SD83850318	Blackley New Road area of the River Irk	19/05/2015	1 Adult - Field Record	The vole was seen on the river bank in the garden of Blackley New Road M9 8FS

NERC Act S41

species

Bullfinch	SD837030	Bowker Vale Reservoirs SBI	16/05/2006		Pair seen in scrub surrounding western reservoir -surveys in May & June 06
Bullfinch	SD840036	Blackley Forest & Heaton Vale Reservoirs SBI	01/04/2009	1	Survey between April & Sept. From Nature Conservation Audit of Blackley Forest
Bullfinch	SD840036	Blackley Forest & Heaton Vale Reservoirs SBI	01/04/2005	1	Singing Male
Bullfinch	SD84450302	Blackley Vale	20/07/2014	1	Singing male
Common Toad	SD838030	Bowker Vale Reservoirs SBI, Manchester	24/04/2006		also on 26/4/06 & 18/5/06 -adults and tadpoles
Common Toad	SD83830308	Bowker Vale Reservoirs SBI - Eastern Reservoir	24/04/2006		also on 26/4/06 & 18/5/06 -adults and tadpoles
Common Toad	SD839030	Bowker Vale Reservoirs SBI, Manchester	24/04/2006		Also on 26/4/06 & 18/5/06 when tadpoles found

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Species	Grid_Ref	Site	Date	Abundance	Comment
Common Toad	SD83910305	Bowker Vale Reservoirs SBI - Western Reservoir	24/04/2006		Also on 26/4/06 & 18/5/06 when tadpoles found
Common Toad	SD840036	Blackley Forest & Heaton Vale Reservoirs SBI	01/07/2005		Present in damper vegetation around the swamp area
Common Toad	SD840036	Blackley Forest & Heaton Vale Reservoirs SBI	01/04/2005		Present
Common Toad	SD840036	Blackley Forest & Heaton Vale Reservoirs SBI	01/01/2005		Present in damper vegetation around the swamp area
Common Toad	SD840039	Blackley Forest & Heaton Vale Reservoirs SBI	30/09/2005		From Nature Conservation Audit of Blackley Forest
Dunnock	SD838030	Bowker Vale Reservoirs SBI	16/05/2006	2	at least 2 males holding territories - surveys in May & June 06
Dunnock	SD840036	Blackley Forest & Heaton Vale Reservoirs SBI	01/04/2009	4	Survey between April & Sept. Fledged young. From Nature Conservation Audit of Blackley Forest
Dunnock	SD840036	Blackley Forest & Heaton Vale Reservoirs SBI	01/04/2005	4 Present; Feeding Young	
Dunnock	SD842035	Blackley Forest & Heaton Vale Reservoirs SBI - Heaton Vale Resrs	10/03/2010	1 S - Singing male	

ECOLOGICAL SEARCH
WHITEHOUSE CLUB, CRUMPSALL
GRID REF SD 8352 0302
1KM RADIUS SEARCH
PROTECTED/PRIORITY SPECIES

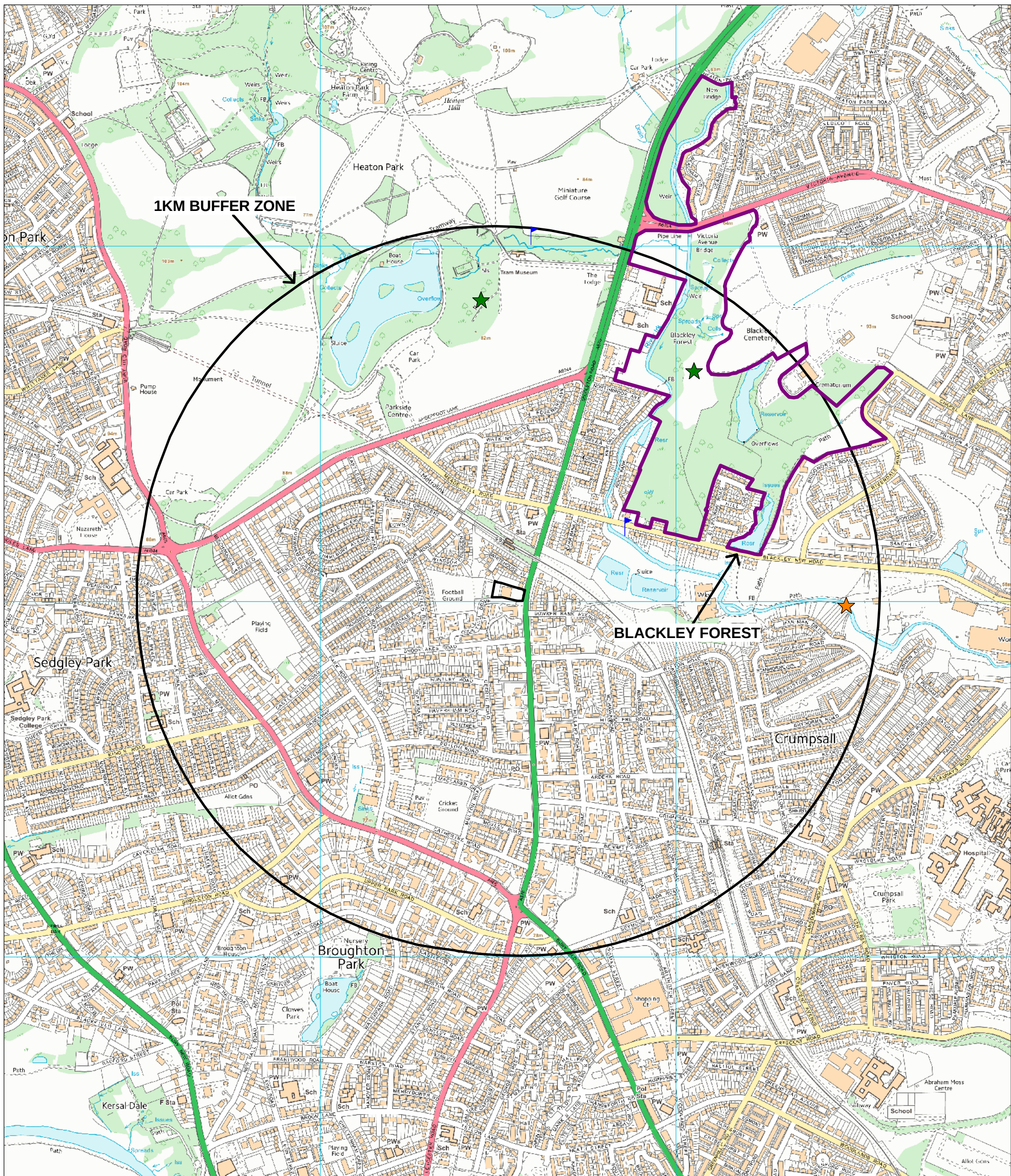
Species	Grid_Ref	Site	Date	Abundance	Comment
Dunnoch	SD84220366	Blackley Forest & Heaton Vale Resrs SBI	10/03/2010	1 singing	
Dunnoch	SD84420299	Blackley Vale	20/07/2014	1 S - Singing male	
House Sparrow	SD838034	Higher Crumpsall, stanhorne avenue	15/05/2014	1 Adult	
House Sparrow	SD838034	Higher Crumpsall, stanhorne avenue	13/05/2014	1 Adult	
House Sparrow	SD838034	Higher Crumpsall, stanhorne avenue	07/05/2014	4 Adult	
House Sparrow	SD838034	Higher Crumpsall, stanhorne avenue	05/05/2014	5 Adult	
House Sparrow	SD838034	Higher Crumpsall, stanhorne avenue	04/05/2014	1 Adult	
House Sparrow	SD838034	Higher Crumpsall, stanhorne avenue	03/05/2014	1 Adult Female	
House Sparrow	SD838034	Higher Crumpsall, stanhorne avenue	29/04/2014	2 D - courtship and Display	
House Sparrow	SD838034	Higher Crumpsall, stanhorne avenue	24/04/2014	1 Adult Female	
House Sparrow	SD838034	Higher Crumpsall, stanhorne avenue	24/04/2014	3 Adult Male	
House Sparrow	SD838034	Higher Crumpsall, stanhorne avenue	23/04/2014	1 Adult Female	

ECOLOGICAL SEARCH
WHITEHOUSE CLUB, CRUMPSALL
GRID REF SD 8352 0302
1KM RADIUS SEARCH
PROTECTED/PRIORITY SPECIES

Species	Grid_Ref	Site	Date	Abundance	Comment
House Sparrow	SD838034	Higher Crumpsall, stanhorne avenue	23/04/2014	3 Adult Male	
House Sparrow	SD838034	Higher Crumpsall, stanhorne avenue	20/04/2014	2 D - courtship and Display	
House Sparrow	SD838034	Higher Crumpsall, stanhorne avenue	18/04/2014	2 Adult	
House Sparrow	SD838034	Higher Crumpsall, stanhorne avenue	02/04/2014	1 Adult Female	
Song Thrush	SD83350400	Heaton Park	20/07/2014	1 S - Singing male	
Song Thrush	SD834038	Lakeside Woodland in Heaton Park	16/07/1998	Present	
Song Thrush	SD838030	Bowker Vale Reservoirs SBI	15/05/2006	4	at least 4 males holding territory - surveys in May & June 06
Song Thrush	SD83950375	Blackley Forest	20/07/2014	1	Sex/Stage Not Recorded
Song Thrush	SD840036	Blackley Forest & Heaton Vale Reservoirs SBI	01/04/2009	1	Survey between April & Sept. Fledged young. From Nature Conservation Audit of Blackley Forest
Song Thrush	SD840036	Blackley Forest & Heaton Vale Reservoirs SBI	01/04/2005	1	Feeding Young
Starling	SD8290103009	Sedgley, Bury, Beechcroft	10/10/2014	c.15	Sex/Stage Not Recorded
Starling	SD838034	Higher Crumpsall, stanhorne avenue	15/05/2014	2 Adult	

ECOLOGICAL SEARCH
WHITEHOUSE CLUB, CRUMPSALL
GRID REF SD 8352 0302
1KM RADIUS SEARCH
PROTECTED/PRIORITY SPECIES

Species	Grid_Ref	Site	Date	Abundance	Comment
Starling	SD838034	Higher Crumpsall, stanhorne avenue	19/04/2014	2 Adult	
Starling	SD838034	Higher Crumpsall, stanhorne avenue	18/04/2014	3 Adult	
Starling	SD838034	Higher Crumpsall, stanhorne avenue	16/04/2014	Present Adult	
Starling	SD838034	Higher Crumpsall, stanhorne avenue	02/04/2014	2 Adult	
Starling	SD838034	Higher Crumpsall, stanhorne avenue	01/04/2014	1 Adult	
West European Hedgehog	SD834038	Lakeside Woodland in Heaton Park	16/07/1998	Present Sex/Stage Not Recorded	



KEY PROTECTED SPECIES

 **WATER VOLE**

 **EUROPEAN OTTER**

 **KINGFISHER**

SITES

 **LOCAL NATURE RESERVES**

GREATER MANCHESTER ECOLOGY UNIT ECOLOGICAL SEARCH - SD 8352 0302 WHITEHOUSE CLUB - MAP 2

SCALE 1:10,000

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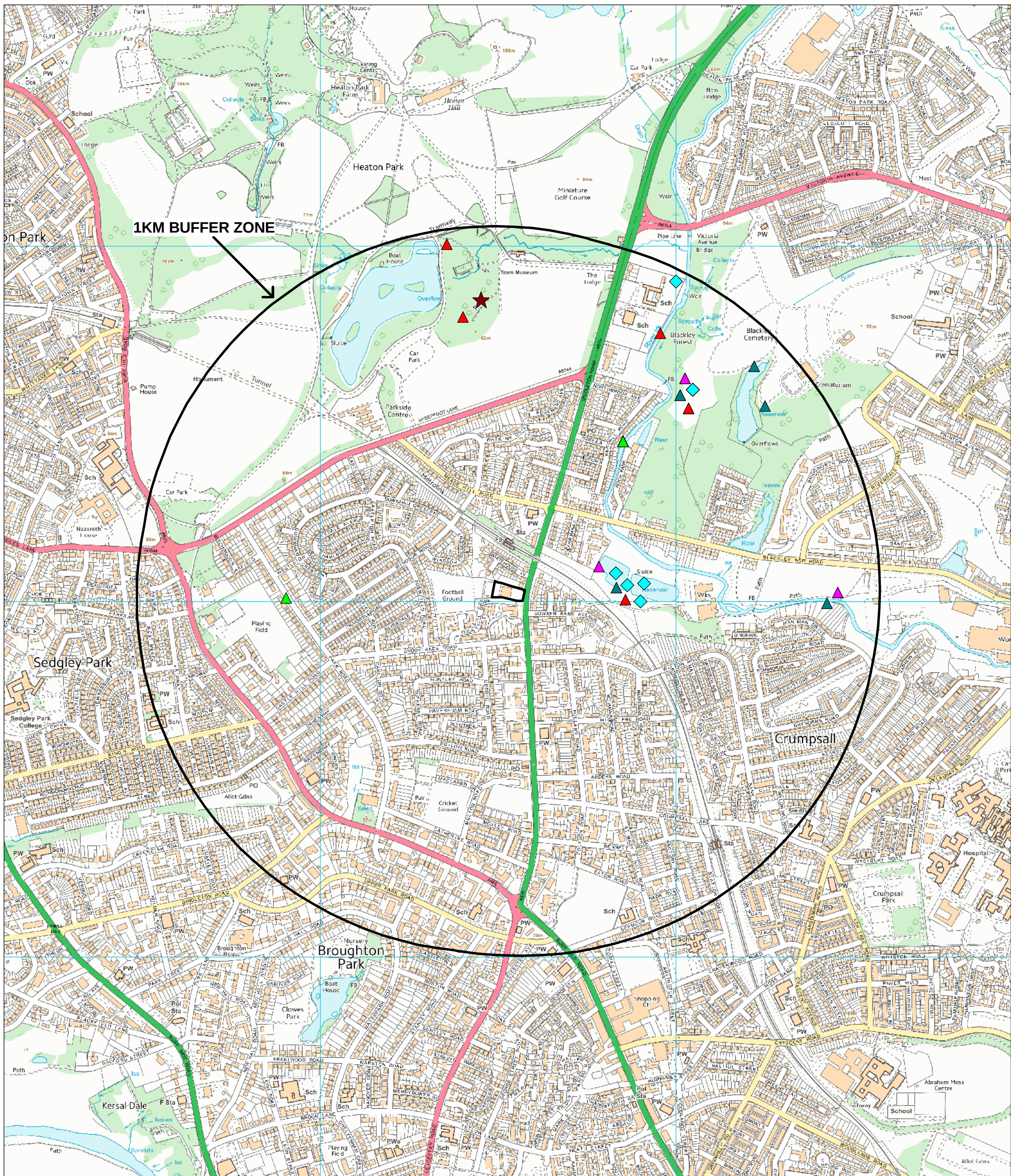
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Date Produced: 20/04/2017



KEY
SECTION 41 SPECIES

- ▲ BULLFINCH
- ◆ COMMON TOAD
- ▲ DUNNOCK
- ▲ HOUSE SPARROW
- ▲ SONG THRUSH
- ▲ STARLING
- ★ WEST EUROPEAN HEDGEHOG

GREATER MANCHESTER ECOLOGY UNIT
ECOLOGICAL SEARCH - SD 8352 0302
WHITEHOUSE CLUB - MAP 5

SCALE 1:10,000

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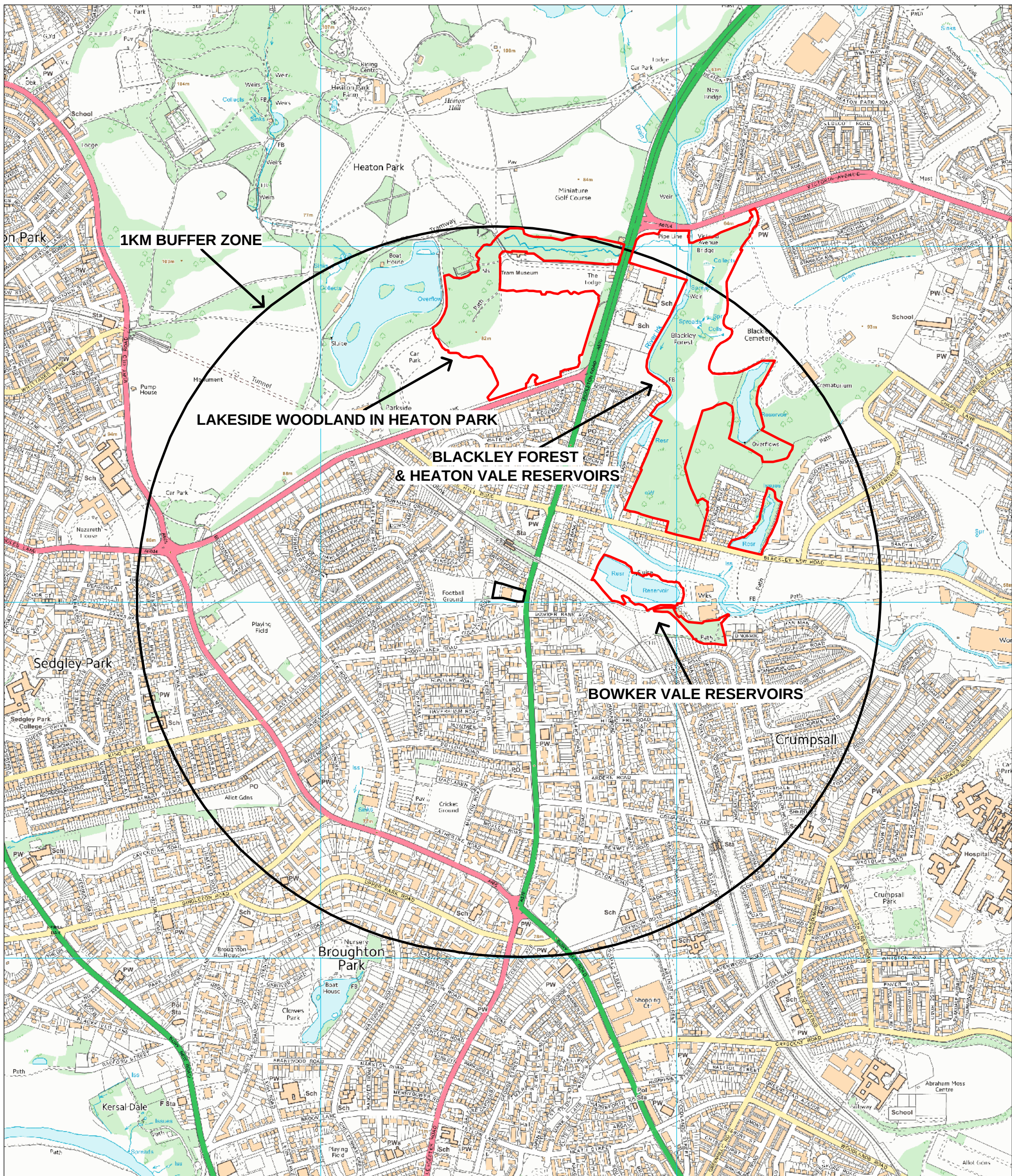
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KEY

SITE OF BIOLOGICAL IMPORTANCE

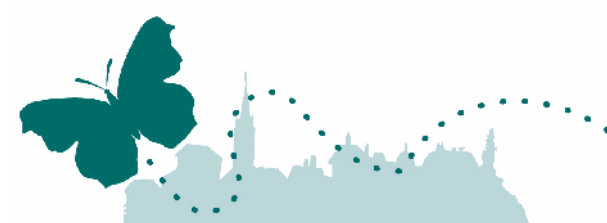
 **SBI BOUNDARY**

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ECOLOGICAL SEARCH - SD 8352 0302
WHITEHOUSE CLUB - MAP 1

SCALE 1:10,000

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