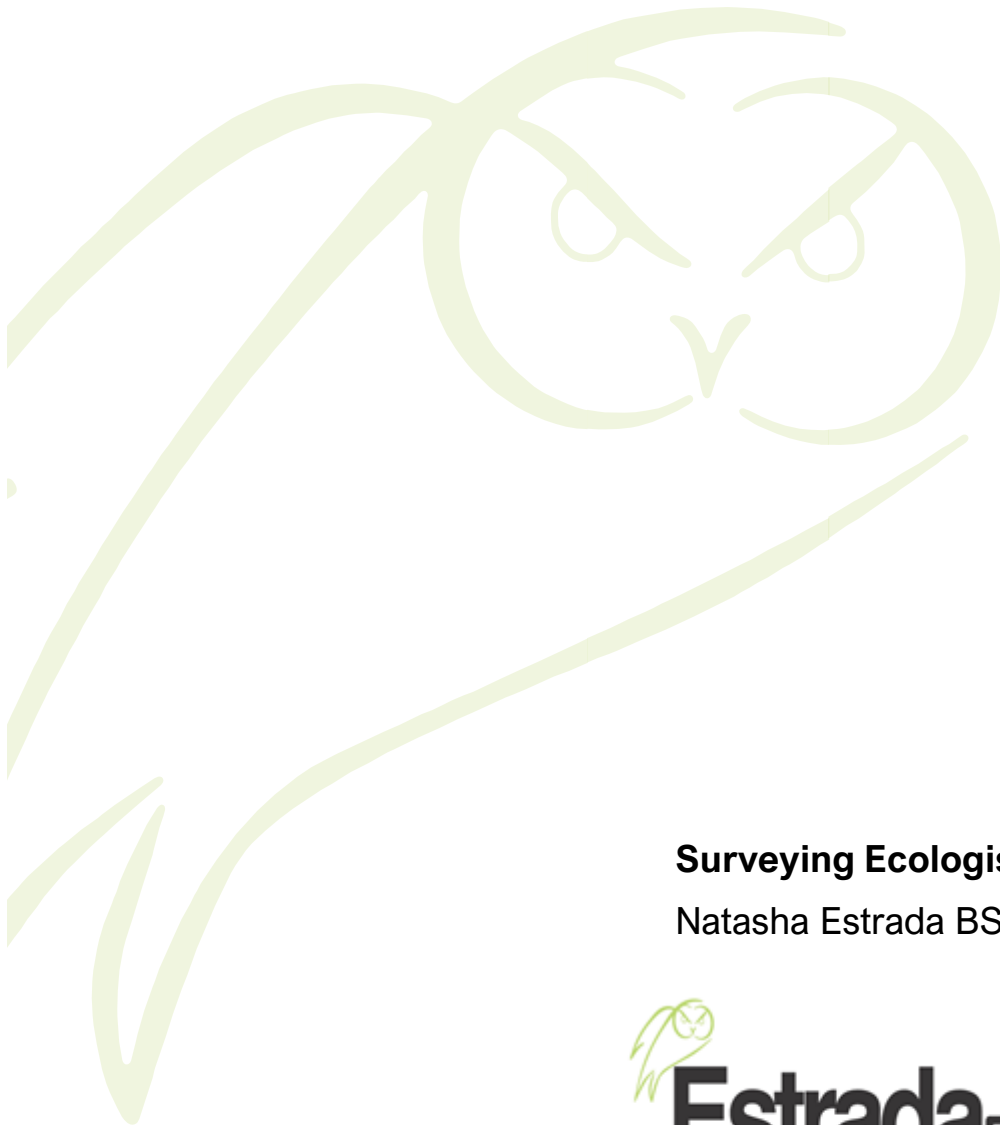


Preliminary Ecological Appraisal (PEA) Survey Report	
For:	Mr David White
Site	White's Bakery, Charles Street, Worsbrough, S70 5AF.
Report Date:	5 November 2018
Report Reference:	WHITES.24.9.2018



Surveying Ecologist:

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Client:	Mr David White
Site Name:	White's Bakery, Charles Street, Worsbrough S70 5AF
Grid Reference:	SE 35396 03843
Report:	Preliminary Ecological Appraisal
Date of survey:	29 October 2018
Surveyed by:	Natasha Estrada BSc (Hons), MRes, MCIEEM

Issue:	Revision:	Stage:	Date:	Prepared by:	Approved by:
	-	Draft for review	30 October 2018	Jane Gruber, Estrada Ecology Ltd	Natasha Estrada MCIEEM, Estrada Ecology Ltd
1	1	FINAL	5 November 2018	Jane Gruber, Estrada Ecology Ltd	Natasha Estrada MCIEEM, Estrada Ecology Ltd

Summary

Estrada Ecology Ltd was commissioned by Mr David White to conduct a preliminary ecological appraisal (PEA) of land and buildings at White's Bakery, Charles Street, Worsbrough. Under current proposals, the site is planned to be developed for residential use.

Findings

The application site is approximately 0.56 hectares in size and is located within the Barnsley suburb of Worsbrough. The site is dominated by the bakery building and hardstanding, which cover approximately three quarters of the site, along with a small area of scrub, rough neutral grassland, scattered trees, and a culvert which runs along the southern site boundary.

Conclusions

The site recorded sub-optimal habitat for use by reptiles and / or great crested newt.

A watercourse located on the southern elevation of the site provides sub-optimal habitat for otter (*Lutra lutra*), water vole (*Arvicola amphibius*), and white-clawed crayfish (*Austropotamobius pallipes*).

In line with best practice guidance, it is recommended that a vacant building (former book makers' shop) is subject to one dusk bat activity survey to ascertain presence / likely absence of bats.

Where feasible, vegetation removal works should be undertaken outside the breeding bird season. The breeding bird season is typically recognised as March to September (inclusive). Vegetation removal works can take place without ecological constraints between October and February (inclusive). However, methods to ensure no impacts during site clearance on European hedgehog (*Erinaceus europaeus*) should be adhered to.

Enhancement

The site would benefit from a sensitive planting scheme to increase invertebrate species and enhance the attractiveness of the site for birds, bats and other fauna. This could include native broadleaved trees and wildflower species. Such plantings could replace the current introduced shrub on the site as part of a landscaping plan. Suggestions are outlined within Appendix Three.

Contents:

- 1 Introduction and Background to the Site**
- 2 Protected Species Legislation**
- 3 Survey Methodology**
- 4 Ecological Constraints**
- 5 Survey Results**
- 6 Conclusions**
- 7 Recommendations**
- 8 Enhancement**

Appendices

Bibliography and References

Whilst every effort has been taken to ensure the accuracy of this report and its contents, in view of potential ecological constraints to development or the likely presence or absence of species, it must only be viewed as a snapshot in time and not be viewed as definitive. Due to external factors, such as seasonality, weather etc having the potential to affect survey results no liability can be assumed for omissions or changes that may or may not occur after the date this report was produced.

1 Introduction and Background to the Site

1.1 Estrada Ecology Ltd was commissioned by Mr David White to conduct a preliminary ecological appraisal (PEA) of land and buildings (approximately 0.56 hectares) at White's Bakery, Charles Street, Worsbrough.

1.2 Under current plans, the site is proposed for redevelopment to residential use.

1.3 The site consists of:

- J3.6 Buildings
- J4 Hardstanding
- A2.2 Scattered scrub
- B2 Rough neutral grassland
- A3.1 Scattered trees
- G1 Watercourse
- J1.2 Amenity grassland

1.4 Site description

1.4.1 The survey site, approximately 0.56 hectares in size, is located eight hundred and ninety metres north-west of the centre of Worsbrough.

1.4.2 The dominant habitat within the site was recorded as the bakery buildings and hardstanding, which cover approximately two thirds of the site. The north and north-western elevations of the site contain species-poor rough neutral grassland and scattered scrub. The southern elevation of the site is bisected by a culvert, bordered by scrub and scattered trees, running west to east.

1.4.3 Outside the site boundary, to the west, lies a stone wall with Park Road (A61) beyond. To the north, east and south lie residential housing and minor road networks.

1.5 Location of the site

1.5.1 The survey site's central OS grid reference is SE 35396 03843.

1.5.2 Habitats recorded outside the site boundary, up to a 1km radius from grid include:

- A total of approximately 30.69 Ha of broadleaved deciduous woodland found to the north east, south, and west of the site.
- Approximately 732.4 metres south east, an area of good quality semi-improved grassland, assumed woodland, and young trees. These span 20.75 Ha, 25.74 Ha, and 13.56 Ha, respectively.

1.5.3 **Figure 1:** The survey site; White's Bakery, Worsbrough (boundary indicated by red key line)



Google Earth

1.6 **Report objectives**

- Present the findings of the ecological survey
- Assess the potential of existing on-site habitats to support protected or notable species
- Evaluate any likely ecological impacts on protected and notable species or habitats because of the proposed development
- Provide recommendations for any further species-specific survey and mitigation measures that may be required
- Provide habitat enhancement recommendations in line with the National Planning Policy Framework (NPPF, 2012).

2 Protected Species Legislation

- 2.1 Relevant legislation includes the Birds Directive (79/409/EEC) and the Wildlife and Countryside Act 1981 (as amended), which states that all birds, their nests and eggs are protected by law, and special considerations of Schedule 1 Birds and European Protected Species should be made.
- 2.2 The EC Council Directive on the Conservation of Natural Habitats of Wild Flora and Fauna, 1992 (The 'Habitats Directive') requires the UK to maintain and/or restore naturally occurring habitats, especially those which are deemed to be vulnerable and declining in Europe. It also requires the protection of many species of plants and animals which are similarly threatened and declining throughout their European range, therefore giving effect to both site and species protection objectives. Appendix One lists habitats; and Appendix Two lists species, some of which the UK has responsibility to maintain in favourable conservation status.
- 2.3 The Natural Environment and Rural Communities (NERC) Act came into force on 1st Oct 2006. Section 41 (S41) of the Act requires the Secretary of State to publish a list of habitats and species which are of principal importance for the conservation of biodiversity in England. The list has been drawn up in consultation with Natural England, as required by the Act. The S41 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.
- 2.4 The UK Post-2010 Biodiversity Framework was developed in response to the Convention on Biological Diversity's Strategic Plan for Biodiversity 2011 – 2020. Its five strategic goals and twenty biodiversity targets supersede the UK Biodiversity Action Plan.

3 Survey Methodology

3.1 Desktop survey

- 3.1.1 A biological data records search was requested from Barnsley Biological Records Centre, for a 1km radius from the central grid reference of the site.
- 3.1.2 Further inspection, using colour 1:25,000 OS base maps (www.ordnancesurvey.co.uk); Magic Map (www.magic.defra.gov.uk) and aerial photographs from Google Earth (www.maps.google.co.uk), was also

undertaken to provide additional context and to identify any features of potential importance for nature conservation in the wider countryside.

- 3.1.3 Furthermore, consultation with Magic Map was undertaken to ascertain any European Protected Species Mitigation Licences granted within a 2km radius from grid.

3.2 Field survey

- 3.2.1 The survey area was investigated on foot to ascertain habitats on site and the potential of those habitats to support ecological diversity. The vegetation types present within the site were assessed by experienced ecologist, Natasha Estrada BSc (Hons), MRes, MCIEEM using methodology based on that described in the Handbook for Phase 1 Habitat Survey – a Technique for Environmental Audit (Nature Conservancy Council, 1990). The results of the survey are presented in Appendix Two.

- 3.2.2 Habitats and features with potential to support protected and / or conservation priority faunal species, together with any field signs of such species, were recorded on the field map using target notes. A search was undertaken for the following key habitats and / or field signs for protected or conservation priority species highlighted in Table 1.

- 3.2.3 An external examination of all buildings was undertaken to identify any cracks or fissures providing possible points of ingress or egress that have the potential to be used by bats. Use of the buildings by breeding birds was also noted.

Table 1: Key habitats and field signs or protected and priority species

Taxon	Indicative habitats	Field signs
Bats	Roosts – Trees, buildings, bridges caves etc. Foraging areas – e.g. parkland, water bodies and streams, wetlands, woodland edge, hedgerow Commuting routes – linear features (e.g. hedgerows).	In or on potential roost sites: Droppings stuck to walls; urine spotting in roof spaces; oil from fur staining round roost entrances; feeding remains (e.g. moth wings).
Great crested newt	Ponds within 500m of suitable habitat within the site boundary. Suitable (terrestrial) habitat includes rough grassland, scrub and woodland, log and rubble piles and other debris, animal burrows.	Eggs, Individuals of all life stages. Egg rolled plants.
Reptiles	Rough grassland, log and rubble piles, compost heaps.	Sloughed skins; eggs, individuals.
Birds	Trees, scrub, hedgerow, field margins, grassland.	Nests; droppings below nest sites (especially in buildings of trees); tree holes.
Badger	Found in most rural and many urban habitats.	Excavations and tracks: sett entrances, latrines, hairs, well-worn paths; prints; snuffle holes.
Water vole	Water bodies / water courses.	Burrow entrances; prints; latrine areas; faeces; feeding stations.
BAP Invertebrates	Each butterfly species has its own habitat requirements determined by the food plant of the caterpillar, the nectar source for the adult butterfly and the conditions needed for the caterpillar to survive and then pupate successfully.	Eggs, larva, Pupa, adult butterfly. Habitat type and presence of food plants.

3.3 Timing

3.3.1 The survey was conducted on 29 October 2018.

3.4 Weather conditions

3.4.1 Weather conditions at the time of survey are highlighted in Table 2.

Table 2: Weather conditions during the survey

Temperature ° Celsius	Conditions
9	No precipitation, Humidity 76%, Visibility Good, Wind speed 4pmh SW

3.5 Personnel

3.5.1 The survey was carried out by ecologist, Natasha Estrada BSc (Hons), MRes, MCIEEM of Estrada Ecology Ltd; an experienced ecologist, the holder of Natural England bat and great crested newt survey licences, and the named ecologist on several EPS Mitigation Licences.

4 Ecological Constraints

- 4.1 The PEA survey was undertaken during a sub-optimal period; hemicryptophyte flora species would not be visible during the survey. However, this is not deemed restrictive to assessment of the habitat types on site.
- 4.2 It should be noted that this ecological appraisal provides baseline ecological data at the time of survey only and does not include flora or fauna which may be present at different times of the year.
- 4.3 An absence of species records from within a search radius does not provide confirmation that a species is absent from within the search area.

5 Survey Results

5.1 Desktop survey results

- 5.1.1 Over eighteen thousand biological records were returned by Barnsley Biological Records Centre, for a 1km radius from grid. The majority are for flowering plants, insects and birds recorded at Worsbrough Reservoir Local wildlife site and Worsbrough Country Park.
- 5.1.2 A total of forty four amphibian records were returned for the search radius, including:
- Four common toad (*Bufo Bufo*) records, dated 1991 – 2015, all for Worsbrough Country Park;
 - Twenty-nine common frog (*Rana temporaria*) records were returned dated 1980 - 2017 for various sites around Worsbrough;
 - Three great crested newt (*Triturus cristatus*) records, all located at Worsbrough Reservoir Local Wildlife Site, dated 1987 – 2011; and
 - Seven smooth newt (*Lissotriton vulgaris*) records and one palmate newt (*Lissotriton helveticus*) were returned for Worsbrough Country Park.
- 5.1.3 Ten native reptile records, all for grass snake (*Natrix helvetica*) were returned for Worsbrough Reservoir Local Wildlife Site, Worsbrough Country Park, Worsbrough Dale Sewage Works and Barrow Colliery, dated 1991-2015.
- 5.1.4 Three badger (*Meles meles*) records, all for field sign evidence, and dated 1987-2016, were returned. The locations of records have been omitted from this report but not from consideration of potential impacts.

- 5.1.5 One hundred and two water vole (*Arvicola amphibious*) records were returned for Worsbrough Reservoir and Country Park, dated between 1977 and 2002.
- 5.1.6 Two otter (*Lutra lutra*) records were returned, both for Worsbrough Reservoir, including one dead specimen recorded in 1998 and a field record from 2015.
- 5.1.7 Thirty one hedgehog (*Erinaceus europaeus*) records were returned for locations within the search radius and dated between 1980 and 2013, along with thirteen brown hare records (dated 1981-2012).
- 5.1.8 Bat records returned for the search radius include:
- Ninety one common pipistrelle bat (*Pipistrellus pipistrellus*) records for sites, including Worsbrough Hall and Worsbrough Reservoir Local Wildlife Site, dated between 1979 and 2017. Most records are for feeding records with some roost exit counts;
 - Forty three Daubenton's bat (*Myotis daubentonii*) records were returned for Worsbrough Reservoir Local Wildlife Site, along with six soprano pipistrelle (*Pipistrellus pygmaeus*) and three brown long-eared (*Plecotus auritus*) for the Local Wildlife Site and Country Park;
 - Thirteen whiskered bat (*Myotis mystacinus*), one Natterer's bat (*Myotis nattereri*), four Leisler's bat (*Nyctalus leisleri*), and seventy two noctule bat (*Nyctalus noctula*) biological records were returned, largely concentrated in Worsbrough Country Park and Worsbrough Reservoir Local Wildlife Site; and
 - One hundred and sixty five unidentified bat records were returned for the search radius, all of which were records of bats in flight / foraging.

5.2 Habitat description

5.2.1 Overview

- 5.2.1.1 The survey site is approximately 0.56 hectares in size and is located to the north west of Worsbrough centre.

5.2.1.2 The Phase 1 habitat mapping description is:

- J4 Hardstanding
- J3.6 Buildings
- A2 Scrub
- B2 Rough neutral grassland
- A3.1 Scattered trees
- G1 Watercourse

5.2.1.3 See Appendix Two for a Phase 1 map of the survey site.

5.3 On site habitats

5.3.1 Buildings

5.3.1.1 The main buildings on site is the bakery and associated offices which are constructed, predominantly, from corrugated metal sheeting over cladding a steel frame and brick walls.

5.3.1.2 This building is in good condition and well-sealed, offering negligible potential for bats to enter the property for roosting or as a place of shelter.

5.3.1.3 Pointing within the brickwork is intact, along with areas around pipework and vents. Windows are UPVC, sealed and intact offering no suitable cracks / fissures which bats could utilise.

Figure 2: Bakery building.



- 5.3.1.4 A former betting shop building is present within the curtilage of the site, being constructed from brick with a pitched, pantile roof. The building has wooden fascia boards, all of which were recorded as intact and flush to the brickwork at the time of survey, other than those on the eastern elevation.
- 5.3.1.5 The eastern elevation recorded the wooden box end to be dislodged, along with an area of fascia board which has lifted away from the brickwork, creating access to an apparent void beneath. For the purposes of assessment, the building has been classified as having low roost suitability (when surveyed by a licensed bat ecologist number 2015-12213-CLS-CLS, following guidance outlined within the Bat Conservation Trust: Bat Surveys for Professional Ecologists: Good Practice Guidelines, 3rd Edition).

Figure 3: Former bookmakers' building within the site boundary.



- 5.3.1.6 Several metal storage containers are present on site, along with a further storage building constructed from metal. All were recorded as offering negligible roosting potential for bats, and very low to negligible potential for breeding birds.

Figure 4: Storage units on site.



5.4 Hardstanding

- 5.4.1 Hardstanding, currently used for access, car parking and storage sits on the northern and north eastern elevation of the site and provides no intrinsic ecological value.
- 5.4.2 A small ramp of hardstanding present on the western elevation of the site has been colonised by species associated with disturbed soils and loose / shallow substrates. Species include patchy short ephemeral / perennial species, and some tall ruderals including: common knapweed (*Centaurea nigra*); creeping thistle (*Cirsium arvense*); ribwort plantain (*Plantago lanceolata*); mugwort (*Artemisia vulgaris*); spear thistle (*Cirsium vulgare*); ragwort (*Jacobaea vulgaris*); fat hen (*Chenopodium album*); rosebay willowherb (*Chamerion angustifolium*); red clover (*Trifolium pratense*); groundsel (*Senecio vulgaris*); pineappleweed (*Matricaria discoidea*); and occasional cock's-foot (*Dactylis glomerata*).

Figure 5: Hardstanding on site.



5.5 Scrub

- 5.5.1 On the western elevation of the site is dense, continuous scrub, dominated by bramble (*Rubus fruticosus agg*), with frequent rosebay willowherb, broad-leaved dock (*Rumex obtusifolius*), common nettle (*Urtica dioica*), common dog rose (*Rosa canina*) and butterbur (*Petasites hybridus*).
- 5.5.2 Immature self-set specimens of sycamore (*Acer psuedoplatanus*), buddleia (*Buddleija davidii*) and ribes (*Ribes sp*) occur frequently and border a small culverted watercourse that runs along the southern site boundary.
- 5.5.3 Occasional specimens of false oat grass (*Arrhenatherum elatius*), cock's-foot and Yorkshire fog (*Holcus lanatus*) are present.

Figure 6: Scrub habitats on site.



5.6 Scattered trees

- 5.6.1 The south western elevation of the site contains a small stand of trees containing mature and immature ash (*Fraxinus excelsior*), elder (*Sambucus nigra*) and hawthorn (*Crataegus monogyna*).
- 5.6.2 Further specimens of the above-named species occur along the southern site boundary, along with occasional goat willow (*Salix caprea*), beech (*Fagus Sylvatica*), birch (*Betula sp*) and privet, (*L. igustrum ovalifolium*).
- 5.6.3 Immature specimens of sycamore, buddleia, birch, wild cherry (*Prunus avium*) and elder occur occasionally along the northern boundary.

Figure 7: Scattered trees.



5.7 Running water

- 5.7.1 A small watercourse is present, running along the southern elevation of the site. The watercourse is culverted at both the western and eastern elevations and runs for approximately ninety five metres, west to east.

- 5.7.2 The watercourse is bordered by steep banks which are dominated by bramble. Water was recorded as being approximately five centimetres deep, with a low flow rate at the time of survey.
- 5.7.3 The substrate, where visible, appears to comprise of mud and silt with watercress (*Nasturtium officinale*) being the only aquatic vegetation recorded on the far western stretch of the watercourse. The rest of the channel is dominated by the encroachment of bramble scrub over much of its length.
- 5.7.4 Two small mammal burrows were recorded on the southern bank of the watercourse, being the size and shape synonymous with brown rat (*Rattus norvegicus*).

Figure 8: Culvert.



5.8 Amenity grassland

- 5.8.1 Small strips of amenity grassland are present on the far eastern elevation of the site. These small areas, dominated by perennial rye grass (*Lolium perenne*), are located between areas of hardstanding and offer no intrinsic ecological value.

Figure 9: Amenity grassland.

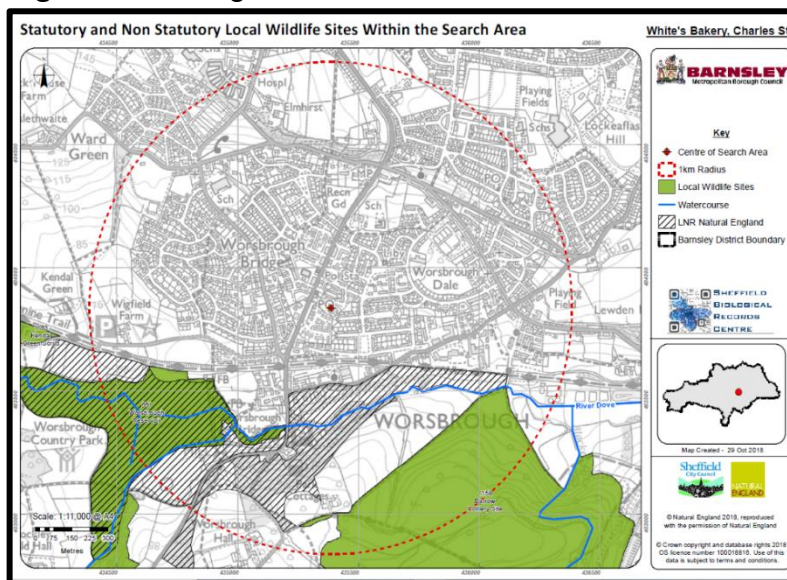


5.9 Designated sites

5.9.1 Statutory and non-statutory designated sites

5.9.1.1 Consultation with Magic Map returned one Local Nature Reserve (LNR) within a 2km radius from the site.

Figure 10: Designated sites within the search radius.



Barnsley Biological Records Centre

5.9.1.2 Worsbrough Country Park Local Nature Reserve is located approximately three hundred and forty four metres south of the site and spans 62.49 Ha. The LNR is bisected by the A61 main road, forming a potential barrier between the application site and the western half of the LNR. The B6100 joins the A61 from the east and forms a potential barrier between the site and the eastern half of the LNR. A large residential area and railway tracks lie between the site and both halves of the LNR, forming a possible barrier to dispersal.

5.9.1.3 The Barrow Colliery Local Wildlife Site is located, approximately, seven hundred and eighty metres south east of the survey site. It is separated by road networks and residential housing which are likely to prove significant barriers to dispersal for terrestrial species.

5.10 Priority habitats

5.10.1 No priority habitats which feature on the priority habitat inventory were recorded within the application site.

5.10.2 No habitats which feature on the Barnsley Local Habitats Action Plans exist within the site boundary.

5.10.3 No Annex 1 habitats, as defined in the EC Habitats Directive, occur in the study area, or within a 1km radius, according to records obtained via www.magic.defra.gov.uk website.

5.11 Assessment of significance of impact on protected fauna

5.11.1 Amphibians

5.11.1.1 Amphibian records were returned for the search area, including three records for great crested newt located at Worsbrough Reservoir Local Wildlife Site and Rockley Dyke (approximately 2km south west of the application site). These sites are separated by road networks and residential housing which are likely to be a barrier to dispersal.

5.11.1.2 The survey site itself provides limited suitable habitat for great crested newt, with much of the site regularly disturbed by the working nature of the site. Furthermore, the stream on site was recorded as providing sub-optimal conditions for amphibians with only one specimen of emergent vegetation recorded throughout the length.

5.11.1.3 No further surveys are, recommended for amphibians at this juncture.

5.12 Reptiles

- 5.12.1 Ten reptile records, all for grass snake, were returned for locations around Worsbrough Country Park.
- 5.12.2 The site is deemed to be hostile for reptiles offering suboptimal habitat. No further surveys are recommended in this instance.

5.13 Badger

- 5.13.1 Three badger records were returned for the search radius, all of which were records of field signs.
- 5.13.2 No field signs, positive for badger, including: paths; sett entrances; latrines; and snuffle holes, were observed during the site survey.
- 5.13.3 The site was recorded as containing sub-optimal habitat for badger and no further surveys are recommended at this juncture.

5.14 Bats

- 5.14.1 All buildings were assessed for their potential to provide features which could support bats for roosting or as a place of shelter. The main bakery building, along with metal storage containers and a metal building on the north eastern elevation of the site, recorded negligible potential for use by bats. No further surveys are recommended on these buildings.
- 5.14.2 A former betting shop building, located on the north eastern elevation of the site recorded low roost suitability, predominantly via a cracked pantile and lifted and dislodged wooden fascia board.
- 5.14.3 A preliminary ground level roost assessment of trees within the zone of influence was conducted using guidelines from Bat Conservation Trust (BCT) Bat Surveys for Professional Ecologists, Good Practice Guidelines (3rd Edition) 2016 by a licensed bat ecologist (2015-12213-CLS-CLS).

Table 3: Tree features commonly used by bats for roosting, shelter and field signs that may indicate use of trees by bats (BCT Guidelines 2016).

Features of trees used as bat roosts	Signs indicating possible use by bats
Natural holes	Tiny scratches around entry point
Woodpecker holes	Staining around entry point
Cracks/splits in major limbs	Bat droppings in, around or below entrance
Loose bark	Audible squeaking at dusk or in warm weather
Hollows/cavities	Flies around entry point
Dense epicormic growth	Distinctive smell of bats
Bird and bat boxes	Smoothing of surfaces around cavity

5.14.4 The majority of trees on site are not of an age to be able to support features which bats could utilise for roosting, except for a mature ash tree on the south western elevation of the site. This tree was examined for cracks / fissures which bats could utilise and recorded negligible features at the time of survey.

5.14.5 The site offers some foraging habitat, particularly for bats of the more common species that may roost in nearby residential or commercial properties, along trees and scrub on the southern boundary. However, connectivity to other habitat within the wider landscape is limited.

5.15 Breeding birds

5.15.1 The scrub in the south-western corner of the site offers some potential to support breeding birds of the more common species, along with trees on the southern boundary.

5.15.2 It is recommended that any clearance works take place outside the breeding bird season (typically March to September, inclusive). No active nests were observed during the survey.

5.16 Riparian mammals

5.16.1 No evidence of use of the stream on site by otter (*Lutra lutra*) was recorded during the survey. The stream is shallow, narrow and largely isolated from other waterbodies.

5.16.2 An absence of fish and regular disturbance from the bakery site make it unlikely that otter would be using the site. No further surveys are recommended in this instance.

5.16.3 No evidence of water vole (*Arvicola amphibious*) was recorded at the time of survey. Two burrows, synonymous with brown rat, were recorded within the bank of the stream.

5.17 White-clawed crayfish

5.17.1 No records for white-clawed crayfish (*Austropotamobius pallipes*) were returned for the records search.

5.17.2 The stream is considered to have a largely unsuitable substrate to support the species, being mainly comprised of mud and silt. Furthermore, the flow rate is low and unlikely to be of a speed favoured by white-clawed crayfish.

5.18 Western European hedgehog

5.18.1 No evidence of European hedgehog (*Erinaceus europaeus*) was recorded during the survey. Any impact from construction can be minimised by considering the timing and method of clearance.

5.18.2 Whilst there is no optimum time of year for habitat clearance, due to hedgehogs' use of nests all year round, an autumn site clearance will avoid the bulk of the breeding season and will be prior hibernation. A high-cut / low-cut method of removal will also allow a check for nests in between cuts.

5.19 Other species

5.19.1 The site does not offer any suitable habitat to support any of the following species: hazel dormouse or barn owl.

6 Conclusions

6.1 Statutory and non-statutory designated sites

6.1.1 One Local Nature Reserve and Wildlife Site located within the search radius is separated from the application site via road networks and residential housing, which are likely to act as barriers to dispersal.

6.1.2 No direct or indirect impacts are predicted via the proposals on statutory or non-statutory designated sites. No formal mitigation is therefore recommended for the proposals.

6.2 Habitats and vegetation

6.2.1 No Annex 1 Habitats, as defined in the EC Habitats Directive, occur within the application site.

6.2.2 No impacts on priority or protected habitats are predicted.

7 Recommendations

7.1 Recommendations for breeding birds

7.1.1 Where feasible, site clearance works including vegetation removal works should be undertaken outside the breeding bird season. The breeding bird season is typically recognised as March to September (inclusive).

7.1.2 If this is not feasible, a walkover survey should be undertaken by a qualified ecologist to ensure the site is clear. If any breeding birds are found, measures will be taken to protect the nest and occupants until the breeding has completed.

7.2 Recommendations for hedgehogs

7.2.1 Whilst there is no optimum time of year for habitat clearance, due to hedgehogs' use of nests all year round, an autumn site clearance will avoid the bulk of the breeding season and will be prior hibernation. A high-cut / low-cut method of removal will also allow a check for nests in between cuts.

7.3 Recommendations for bats

7.3.1 The former bookmakers' shop was recorded to contain low roost suitability for bats, offering some areas they could utilise for roosting, or as a place of shelter.

7.3.2 As a result, it is recommended that one dusk activity survey is undertaken on the building to ascertain likely absence.

7.3.3 Bat activity surveys can only be undertaken during the bat activity season May to August (inclusive). Should bats be recorded using the building, then further surveys may be required.

7.4 Recommendations for water vole

7.4.1 Whilst no field sign evidence to indicate the use of the stream on site by water vole was recorded during the survey, it is recommended that a

presence / likely absence survey for water vole be undertaken, should development works encroach within five metres of the stream's bank.

8 Enhancement

- 8.1 To increase invertebrate species and enhance the attractiveness of the site for birds, bats and other faun, the site would benefit from a sensitive planting scheme which could include native broadleaved trees and wildflower species. Suggestions are outlined within Appendix Three. Upon finalisation of site plans, biodiversity enhancements can be compiled.
- 8.2 In line with the NPPF (2018), the primary recommendations for habitat enhancements are the inclusion of native tree, shrub, and herb species within the landscape designs, and the erection of bird and bat boxes.
- 8.3 The planting scheme has potential to support a more diverse assemblage of invertebrates. Enhancing and managing on-site habitats will improve habitat connectivity throughout the wider landscape and provide areas for shelter and food sourced for a variety of species.
- 8.4 Specific habitat enhancements should include:
- The planting of native tree species within landscaped areas and around car parking spaces that are suited to an urban environment; able to cope with higher levels of pollution, more compact soils, and where water resources may be more limited.
 - The inclusion of nectar-rich native and ornamental plant species within the planting design to provide food for a range of invertebrates and increase aesthetic appeal, particularly around areas of hardstanding.
 - The erection of two bird boxes on mature trees within the south-western tree line, which should be a minimum of four metres above ground level to avoid disturbance and reduce the potential for predation, particularly by cats.
- 8.5 It is recommended that boundary features between the residential properties are left as open as possible to create habitat connectivity for wildlife, for hedgehogs in particular.
- 8.6 Research suggests that hedgehogs are doing well in urban habitats, but gardens need to remain connected. Simple post and rail fencing would achieve this, but any solid fencing should have occasional gaps (15cm high x 15cm wide) created at ground level to maintain habitat connectivity, whilst at the same time excluding larger mammals such as dogs. Further information can be gathered from 'Hedgehog Street'

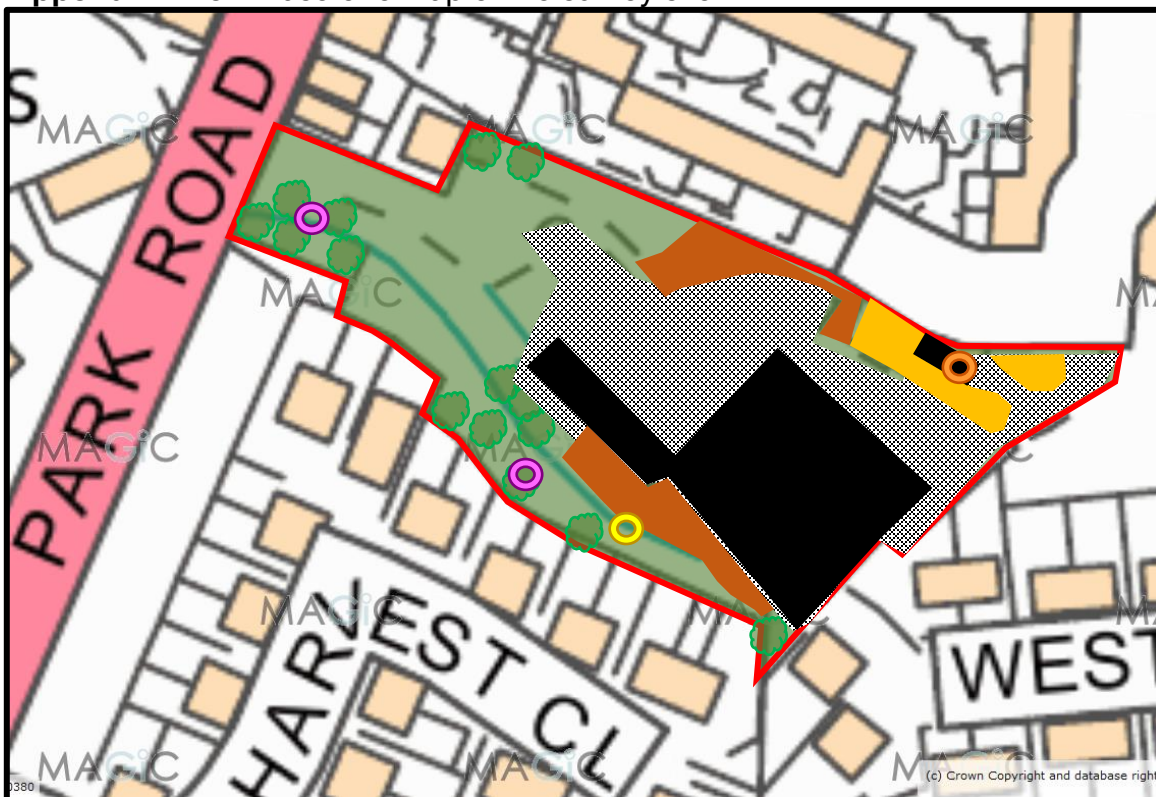
(www.hedgehogstreet.org), which aims to help people improve their gardens for hedgehogs.












Appendix One: Survey site species list.

<i>Taxon</i>	Vernacular
Flowering plant	
<i>Fraxinus excelsior</i>	Ash
<i>Fagus sylvatica</i>	Beech
<i>Betula sp</i>	Birch
<i>Rubus fruticosus agg.</i>	Bramble
<i>Rumex obtusifolius</i>	Broad-leaved dock
<i>Buddleija davidii</i>	Buddleia
<i>Petasites hybridus</i>	Butterbur
<i>Prunus avium</i>	Cherry
<i>Galium aparine</i>	Cleavers
<i>Dactylis glomerata</i>	Cock's-foot
<i>Rosa canina</i>	Common dog rose
<i>Centaurea nigra</i>	Common knapweed
<i>Urtica dioica</i>	Common nettle
<i>Papaver rhoeas</i>	Common poppy
<i>Ranunculus repens</i>	Creeping buttercup
<i>Cirsium arvense</i>	Creeping thistle
<i>Taraxacum officinale</i>	Dandelion
<i>Sambucus nigra</i>	Elder
<i>Arrhenatherum elatius</i>	False oat grass
<i>Chenopodium album</i>	Fat hen
<i>Salix caprea</i>	Goat willow
<i>Senecio vulgaris</i>	Groundsel
<i>Crataegus monogyna</i>	Hawthorn
<i>Calystegia sepium</i>	Hedge bindweed
<i>Artemisia vulgaris</i>	Mugwort
<i>Leucanthemum vulgare</i>	Oxeye daisy
<i>Lolium perenne</i>	Perennial ryegrass
<i>Matricaria discoidea</i>	Pineapple weed
<i>Sonchus asper</i>	Prickly sowthistle
<i>Ligustrum ovalifolium</i>	Privet
<i>Jacobaea vulgaris</i>	Ragwort
<i>Trifolium pratense</i>	Red clover
<i>Ribes sp</i>	Ribes

<i>Taxon</i>	Vernacular
<i>Plantago lanceolata</i>	Ribwort plantain
<i>Chamerion angustifolium</i>	Rosebay willow herb
<i>Sonchus arvensis</i>	Sow thistle
<i>Cirsium vulgare</i>	Spear thistle
<i>Acer pseudoplatanus</i>	Sycamore
<i>Nasturtium officinale</i>	Watercress
<i>Trifolium repens</i>	White clover
<i>Prunus avium</i>	Wild cherry
<i>Holcus lanatus</i>	Yorkshire fog

Appendix Two: Phase one map of the survey site.



Key		Target Notes	
Site boundary		TN1: Water vole potential	
Building		TN2: Low bat potential	
Tree		TN3: Breeding bird potential	
Watercourse			
Rough neutral grassland			
Amenity grassland			
Scrub			
Hardstanding			

Appendix Three: Suggested wildlife-friendly plantings to enhance site biodiversity.

Common Name	Scientific name	Wildlife value
Large trees		
Ash	<i>Fraxinus excelsior</i>	68 species of insects/mites and 32 species of lepidoptera. Seeds eaten by birds and mammals.
Beech	<i>Fagus sylvatica</i>	98 species of insects/mites and 51 species of lepidoptera. The masts are eaten by birds and mammals including
Cherries	<i>Prunus avium, Prunus padus</i>	9 species of lepidoptera. Berries eaten by birds.
Elm	<i>Ulmus procera</i>	Good tree for insects and birds. 124 species of insects/mites and 24 species of lepidoptera are associated with elm trees.
Oaks	<i>Quercus pedunculata, Q. Robur</i>	423 species of insects/mites and 193 species of lepidoptera. Acorns eaten by a variety of birds and mammals. Very important for insect eating birds.
Scots pine	<i>Pinus silvestris</i>	91 species of invertebrate are known to use this species.
Spruce	<i>Picea spp.</i>	73 species of invertebrate are known to us
Small leaved lime	<i>Tilia cordata</i>	
White willow	<i>Salix alba</i>	450 species of insects/mites and 166 species of lepidoptera.
Medium/small trees		
Alder	<i>Alnus glutinosa</i>	141 species of insects/mites and 71 species of lepidoptera. Seeds are good for birds such as siskins.
Apples	<i>Malus spp.</i>	118 species of insects/mites and 76 species of lepidoptera. Fruits are eagerly consumed by birds and
Field maple	<i>Acer campestre</i>	149 species of insects/mites and 24 species of lepidoptera. Fruits eaten by small mammals.
Holly	<i>Ilex aquifolium</i>	7 species of invertebrate are known to use this species. Berries good for birds and small mammals. Caterpillars of the holly blue butterfly feed on the leaves. Holly leaf miner
Pears	<i>Pyrus spp.</i>	Good for invertebrates. Fruits are eagerly consumed by birds and mammals.
Rowan	<i>Sorbus aucuparia</i>	58 species of insects/mites and 28 species of lepidoptera. The ripe berries attract birds such as redwings and field-
Birch (silver and downy)	<i>Betula pendula, B pubescens</i>	229 species of invertebrates are known to use these species. Best tree for moth larvae. Catkins good food source for birds such as redpolls and tits.
Plants for hedges		
Blackthorn	<i>Prunus spinosa</i>	229 species of invertebrates are known to use this species. Good for nesting birds if grown as thicket or in hedge. Rich in insects. Fruit for birds. Black hairstreak butterfly lays its eggs mainly on blackthorn.
Buckthorn	<i>Rhamnus catharticus</i>	Berries for birds. Important food plant for brimstone butterfly larvae.

Common Name	Scientific name	Wildlife value
Cherry plum	<i>Prunus cerasifera</i>	Nectar and fruits for invertebrates. Fruits are eagerly consumed by birds and mammals.
Elder	<i>Sambucus nigra</i>	Berries for birds and nectar for insects.
Guelder rose	<i>Viburnum opulus</i>	Nectar for insects, particularly hoverflies. Fruits for birds and small mammals, especially liked by woodmouse. Note: leaves, bark and berries are all poisonous.
Hawthorn	<i>Crataegus monogyna</i>	149 species of invertebrate are known to use this species. Berries eaten by birds. Nectar. Berries good food source for thrushes, redwings and fieldfares. Good nesting if dense. Excellent for moth larvae.
Hazel	<i>Corylus avellana</i>	73 species of insects/mites and 68 species of lepidoptera. Nuts eaten by birds and mammals i.e. squirrels, mice and
Privets	<i>Ligustrum spp.</i>	24 species of insects/mites, nectar for the butterflies. Berries eaten by birds.
Climbers/scramblers		
Brambles	<i>Rubus fruticosus agg.</i>	Nectar source for bees and butterflies. Berries for birds and mammals.
Dog Rose	<i>Rosa canina</i>	Provides nectar for bees and butterflies. Hips good for small birds and mammals.
Ivy	<i>Hedera helix</i>	Provides late nectar source and cover/hibernating sites for invertebrates. Food source for the Holly Blue butterfly larva.
Honeysuckle	<i>Lonicera periclymenum</i>	Excellent food source for invertebrates including the Speckled Wood butterfly. Berries eaten by birds.
Wild clematis/ Old man's beard	<i>Clematis vitalba</i>	Provides nectar for bees and butterflies.
Plants to site under trees or in shady areas		
Bluebell	<i>Hyacinthoides non-scripta</i>	
Bugle	<i>Ajuga reptans</i>	
Daffodils	<i>Narcissus pseudonarcissus</i>	
Foxglove	<i>Digitalis purpurea</i>	
Lily of the valley	<i>Convallaria majalis</i>	
Lords-and-ladies	<i>Arum maculatum</i>	
Primrose	<i>Primula vulgaris</i>	
Sweet violet	<i>Viola odoratum</i>	
Wood avens	<i>Geum urbanum</i>	
Yellow archangel	<i>Lamastrium galeobdolon</i>	
Other shrubs for nectar, pollen or fruits		
Bodnant viburnum	<i>Viburnum x bodnantense</i>	Provides early nectar source for invertebrates and berries for birds. One of the most valuable winter flowering
Californian lilac	<i>Ceanothus spp.</i>	Nectar for bees and butterflies.

Common Name	Scientific name	Wildlife value
Creeping cotoneaster	<i>Cotoneaster frigidus</i>	Berries good for birds and small mammals. Attracts waxwings and pheasants.
Firethorn	<i>Pyracantha spp.</i>	Good for nesting thrushes and a site or an open robin box. Nectar for bees, berries for birds.
Himalayan honeysuckle	<i>Leycesteria formosa</i>	Provides nectar for bees and butterflies.
Japanese quince	<i>Chaenomeles japonica</i>	Berries for birds and mammals.
Lilac	<i>Syringa vulgaris</i>	Nectar for bees and butterflies.
Mahonia	<i>Mahonia spp.</i>	Nectar for bees and butterflies.
Mock orange	<i>Philadelphus spp.</i>	Nectar for bees and butterflies.
Serviceberry	<i>Amelanchier canadensis</i>	Provides nectar for bees and butterflies.
Wildflowers		
Agrimony	<i>Agrimonia eupatoria</i>	Provides nectar for bees and butterflies.
Chicory	<i>Chicorium intybus</i>	Provides nectar for bees and butterflies.
Chives	<i>Allium schoenoprasum</i>	Provides nectar for bees and butterflies.
Common mallow	<i>Malva sylvestris</i>	Provides nectar for bees and butterflies.
Common poppy	<i>Papaver rhoeas</i>	Provides nectar for bees and butterflies.
Corncockle	<i>Agrostemma githago</i>	Very good nectar source for bees and butterflies.
Corn marigold	<i>Chrysanthemum segetum</i>	Very good nectar source for bees and butterflies.
Cowslip	<i>Primula veris</i>	Very good nectar source for bees and butterflies.
Dame's violet	<i>Hesperis matronalis</i>	Very good nectar source for bees and butterflies.
Dandelion	<i>Taraxacum officinale</i>	Very good nectar source for bees and butterflies.
Devil's bit scabious	<i>Succisa pratensis</i>	Very good nectar source for bees and butterflies.
Field scabious	<i>Knautia arvensis</i>	Very good nectar source for bees and butterflies.
Foxglove	<i>Digitalis purpurea</i>	Very good nectar source for bees and butterflies.
Germander speedwell	<i>Veronica chamaedrys</i>	Very good nectar source for bees and butterflies.
Goldenrod	<i>Solidago virgaurea</i>	27 species of lepidoptera.
Great mullein	<i>Verbascum thapsus</i>	Very good nectar source for bees and butterflies.
Greater knapweed	<i>Centaurea scabiosa</i>	Very good nectar source for bees and butterflies.
Harebell	<i>Campanula rotundifolia</i>	Very good nectar source for bees and butterflies.
Herb-robert	<i>Geranium verum</i>	Very good nectar source for bees and butterflies.
Lady's bedstraw	<i>Galium verum</i>	Very good nectar source for bees and butterflies.
Marjoram	<i>Origanum vulgare</i>	Good plant for butterflies and bees
Meadow cranesbill	<i>Geranium pratense</i>	Very good nectar source for bees and butterflies.
Oxeye daisy	<i>Leucanthemum vulgare</i>	Very good nectar source for bees and butterflies.
Primrose	<i>Primula vulgaris</i>	Very good nectar source for bees and butterflies.
Red campion	<i>Silene dioica</i>	Very good nectar source for bees and butterflies.
Spiked speedwell	<i>Veronica spicata</i>	Very good nectar source for bees and butterflies.

Common Name	Scientific name	Wildlife value
Tansy	<i>Tanacetum vulgare</i>	Very good nectar source for bees and butterflies.
Teasel	<i>Dipsacus fullonum</i>	A food source of the Brimstone butterfly. Attracts other insects for its nectar and birds for its seeds.
Toadflax	<i>Linaria vulgaris</i>	Very good nectar source for bees and butterflies.
White campion	<i>Silene alba</i>	Very good nectar source for bees and butterflies.
Wild thyme	<i>Thymus drucei</i>	Very good nectar source for bees and butterflies.
Yellow loosestrife	<i>Lysimachia vulgaris</i>	Provides nectar for bees and butterflies.

Appendix Four: Records returned relevant to the survey site, plus 1km radius from grid (Barnsley Biological Records Centre).

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	01/01/2002 00:00	01/01/2002	amphibian	Bufo bufo	Common Toad	
SE3403	Worsbrough Reservoir LWS	Haverlands Lane	09/10/1991 00:00	09/10/1991	amphibian	Bufo bufo	Common Toad	corpse on road
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	01/02/2012 00:00	01/02/2012	amphibian	Bufo bufo	Common Toad	
SE3403	Worsbrough Reservoir LWS		11/07/2015 00:00	11/07/2015	amphibian	Bufo bufo	Common Toad	Tadpoles
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	01/06/2011 00:00	01/06/2011	amphibian	Bufo bufo	Common Toad	
SE3403	Worsbrough Reservoir LWS	Doe Lane	17/03/1992 00:00	17/03/1992	amphibian	Triturus vulgaris	Smooth Newt	Only record for the year.
SE358030	Barrow Colliery Barnsley	plateau pools, north	03/06/2007 00:00	03/06/2007	amphibian	Triturus vulgaris	Smooth Newt	
SE361034	Barrow Colliery Barnsley	Sediment Pond (large)	03/06/2007 00:00	03/06/2007	amphibian	Triturus vulgaris	Smooth Newt	
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	01/01/2002 00:00	01/01/2002	amphibian	Triturus vulgaris	Smooth Newt	
SE3403	Worsbrough Country Park	Doe Lane	17/03/1992 00:00	17/03/1992	amphibian	Triturus vulgaris	Smooth Newt	1 seen on lane

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	01/06/2011 00:00	01/06/2011	amphibian	Triturus vulgaris	Smooth Newt	
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	01/02/2012 00:00	01/02/2012	amphibian	Triturus vulgaris	Smooth Newt	
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	01/01/2002 00:00	01/01/2002	amphibian	Triturus helveticus	Palmate Newt	
SE3403	Worsbrough Reservoir LWS	edge of res.	13/06/1987 00:00	13/06/1987	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	3 feeding
SE3403	Worsbrough Reservoir LWS		06/09/1986 00:00	06/09/1986	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	4 in flight
SE3403	Worsbrough Reservoir LWS		03/08/1986 00:00	03/08/1986	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	many detected feeding
SE3403	Worsbrough Reservoir LWS		03/08/1986 00:00	03/08/1986	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	several seen and detected
SE3503	'BARNSELEY MBC'	3 Osmond Place	01/08/1985 00:00	01/08/1985	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	roost in house
SE3403	Worsbrough Reservoir LWS		05/05/1982 00:00	05/05/1982	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	1 male netted
SE3403	Worsbrough Reservoir LWS		27/05/1982 00:00	27/05/1982	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	2 netted
SE3403	Worsbrough Reservoir LWS		28/05/1982 00:00	28/05/1982	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	2 female 1 male netted

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE3403	Worsbrough Reservoir LWS	cottage	01/08/1981 00:00	01/08/1981	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	1 dead
SE3403	Worsbrough Reservoir LWS		26/04/1982 00:00	26/04/1982	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	1 female 1 male netted
SE3403	Worsbrough Reservoir LWS		26/06/1981 00:00	26/06/1981	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	1 male netted
SE3403	Worsbrough Reservoir LWS		26/06/1981 00:00	26/06/1981	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	1 netted
SE3403	Worsbrough Reservoir LWS		22/05/1981 00:00	22/05/1981	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	3 netted
SE3403	Worsbrough Reservoir LWS		11/09/1980 00:00	11/09/1980	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	1 netted
SE3403	Worsbrough Country Park		01/06/1981 00:00	01/06/1981	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	found dead
SE3403	Worsbrough Country Park		01/06/1981 00:00	01/06/1981	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	1 dead
SE3403	Worsbrough Country Park	Mill curators house	07/10/1979 00:00	07/10/1979	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	reported by M Watt - roost in house
SE3403	Worsbrough Reservoir LWS		01/06/1979 00:00	01/06/1979	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	Several mist netted June - August
SE3403	Worsbrough Reservoir LWS		08/06/1979 00:00	08/06/1979	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	female netted fa32.5mm

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE3403	Worsbrough Reservoir LWS		29/06/1979 00:00	29/06/1979	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	male netted fa29.5mm
SE3403	Worsbrough Reservoir LWS		02/07/1979 00:00	02/07/1979	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	1 netted
SE3403	Worsbrough Reservoir LWS		03/08/1979 00:00	03/08/1979	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	2 netted
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	01/01/2002 00:00	01/01/2002	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	
SE3403	Worsbrough Reservoir LWS	reservoir	20/05/2011 00:00	20/05/2011	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	
SE3403	Worsbrough Country Park		17/09/2010 00:00	17/09/2010	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	
SE3403	Worsbrough Reservoir LWS	reservoir	02/09/2011 00:00	02/09/2011	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	
SE3403	Worsbrough Reservoir LWS		10/07/2015 00:00	10/07/2015	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	
SE352032	Worsbrough	Button Inn Mill	24/06/1999 00:00	24/06/1999	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	112 exit count
SE352032	Worsbrough	Button Inn Mill	07/06/2000 00:00	07/06/2000	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	100 exit count
SE352032	Worsbrough	Button Inn Mill	19/06/2000 00:00	19/06/2000	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	122 exit count
SE352032	Worsbrough	Button Inn Mill	16/06/1993 00:00	16/06/1993	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	366 exit count

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE352032	Worsbrough	Button Mill Inn	03/06/1997 00:00	03/06/1997	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	467 exit count
SE352032	Worsbrough	Button Mill Inn	11/06/1997 00:00	11/06/1997	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	450 exit count
SE352032	Worsbrough	Button Mill Inn	21/08/1992 00:00	21/08/1992	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	160 exit count
SE352032	Worsbrough	Button Mill Inn	03/06/1993 00:00	03/06/1993	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	369 exit count
SE352032	Worsbrough	Button Mill Inn	10/06/1993 00:00	10/06/1993	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	283 exit count
SE347033	Worsbrough Reservoir LWS	Worsbrough Reservoir	18/05/1992 00:00	18/05/1992	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	feeding
SE349033	Worsbrough Reservoir LWS	Mill House	21/06/1989 00:00	21/06/1989	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	1 exit count
SE352032	Worsbrough	Button Mill Inn	16/07/1992 00:00	16/07/1992	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	525 exit count
SE345034	Worsbrough Reservoir LWS	Worsbrough Reservoir	07/08/1988 00:00	07/08/1988	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	1 feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Reservoir	26/03/1989 00:00	26/03/1989	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	1 feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Reservoir	23/04/1990 00:00	23/04/1990	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	5 feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Reservoir	29/04/1995 00:00	29/04/1995	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	feeding

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE345034	Worsbrough Reservoir LWS	Worsbrough Reservoir	25/04/1998 00:00	25/04/1998	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Reservoir	27/09/1987 00:00	27/09/1987	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	1 feeding
SE350029	Worsbrough Hall		01/08/1990 00:00	01/08/1990	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	1
SE349033	Worsbrough Reservoir LWS	Mill House	09/06/2000 00:00	09/06/2000	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	79 exit count
SE349034	Worsbrough Reservoir LWS	mill	30/08/1997 00:00	30/08/1997	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	75 exit count
SE349034	Worsbrough Reservoir LWS	mill	16/06/2000 00:00	16/06/2000	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	3 exit count
SE352032	Worsbrough	Button Inn Mill	03/06/1996 00:00	03/06/1996	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	412 exit count
SE352032	Worsbrough	Button Inn Mill	19/06/1996 00:00	19/06/1996	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	451 exit count
SE352032	Worsbrough	Button Inn Mill	02/06/1994 00:00	02/06/1994	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	444 exit count
SE352032	Worsbrough	Button Inn Mill	23/06/1994 00:00	23/06/1994	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	374 exit count
SE352032	Worsbrough	Button Inn Mill	28/06/2000 00:00	28/06/2000	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	366 exit count
SE352032	Worsbrough	Button Inn Mill	06/07/1991 00:00	06/07/1991	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	238 exit count
SE352032	Worsbrough	Button Inn Mill	17/07/1991 00:00	17/07/1991	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	201 exit count

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE352032	Worsbrough	Button Mill Inn	02/08/1991 00:00	02/08/1991	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	311 exit count
SE352032	Worsbrough	Button Mill Inn	01/06/1992 00:00	01/06/1992	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	237 exit count
SE352032	Worsbrough	Button Mill Inn	15/06/1992 00:00	15/06/1992	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	310 exit count
SE344037	Worsbrough Reservoir LWS	Worsbrough Country Park	17/07/1991 00:00	17/07/1991	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	1
SE345034	Worsbrough Reservoir LWS	Worsbrough Reservoir	13/04/1987 00:00	13/04/1987	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	3 feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Reservoir	18/08/1985 00:00	18/08/1985	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	1 feeding
SE355037	'BARNSELEY MBC'	7 Broomroyd Worsborough Bridge	01/06/1990 00:00	01/06/1990	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	1
SE345034	Worsbrough Reservoir LWS	Worsbrough Reservoir	22/04/1982 00:00	22/04/1982	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	1 feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Reservoir	26/04/1982 00:00	26/04/1982	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	2 feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Reservoir	05/05/1982 00:00	05/05/1982	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	1 feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Reservoir	27/05/1982 00:00	27/05/1982	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	2 feeding

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE345034	Worsbrough Reservoir LWS	Worsbrough Reservoir	27/05/1982 00:00	27/05/1982	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	2 feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Reservoir	28/05/1982 00:00	28/05/1982	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	3 feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Reservoir	03/08/1979 00:00	03/08/1979	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	2 feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Reservoir	09/09/1980 00:00	09/09/1980	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	4 feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Reservoir	11/09/1980 00:00	11/09/1980	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	1 feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Reservoir	22/05/1981 00:00	22/05/1981	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	3 feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Reservoir	19/06/1981 00:00	19/06/1981	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	6 feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Reservoir	26/06/1981 00:00	26/06/1981	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	1 feeding
SE350029	Worsbrough Hall		22/08/1981 00:00	22/08/1981	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	50
SE350029	Worsbrough Hall		30/06/1982 00:00	30/06/1982	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	2
SE350029	Worsbrough Hall		19/04/1987 00:00	19/04/1987	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	2

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE345034	Worsbrough Reservoir LWS	Worsbrough Reservoir	08/06/1979 00:00	08/06/1979	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	1 feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Reservoir	29/06/1979 00:00	29/06/1979	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	1 feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Reservoir	03/07/1979 00:00	03/07/1979	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	1 feeding
SE350029	Worsbrough Hall		10/08/1980 00:00	10/08/1980	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	2
SE350029	Worsbrough Hall		16/08/1981 00:00	16/08/1981	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	4
SE350029	Worsbrough Hall		19/08/1981 00:00	19/08/1981	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	38
SE350029	Worsbrough Hall		20/08/1981 00:00	20/08/1981	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	34
SE349032	Worsbrough Country Park	Worsbrough Mill	26/08/2017 00:00	26/08/2017	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	
SE350040	'BARNSELY MBC'	Tenters Green	12/04/2011 00:00	12/04/2011	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	1 flying around street lamp at dusk
SE350040	'BARNSELY MBC'	Worsbrough, Tenters Green	17/08/2014 00:00	17/08/2014	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	1 flying near street lamp at dusk
SE350040	'BARNSELY MBC'	Tenters Green	21/04/2011 00:00	21/04/2011	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	1 flying around street lamp at dusk
SE3403	Worsbrough	Red Lion public house	02/08/1991 00:00	02/08/1991	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	Emerged from roost at dusk.

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	05/09/1992 00:00	05/09/1992	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	Several seen.
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	18/05/1992 00:00	18/05/1992	terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	Corpse found by the reservoir.
SE3403		mill pond, Worsbrough Country Park	22/09/1994 00:00	22/09/1994	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3403		mill pond, Worsbrough Country Park	06/11/1994 00:00	06/11/1994	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3403		millrace, Worsbrough Country Park	20/04/1994 00:00	20/04/1994	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3403		millrace, Worsbrough Country Park	31/08/1994 00:00	31/08/1994	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3403		Doe Lane - Rockley Dike, Worsbrough Country Park	18/10/1994 00:00	18/10/1994	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3403		millrace, Worsbrough Country Park	10/01/1994 00:00	10/01/1994	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3403		Doe Lane - Rockley Dike, Worsbrough Country Park	30/11/1994 00:00	30/11/1994	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3403	Rockley Dyke	Doe Lane	17/06/1991 00:00	17/06/1991	terrestrial mammal	Arvicola terrestris	Water Vole	1 seen

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE3403	Rockley Dyke	Doe Lane	20/06/1991 00:00	20/06/1991	terrestrial mammal	Arvicola terrestris	Water Vole	3 seen
SE3403	Rockley Dyke	Doe Lane	01/07/1991 00:00	01/07/1991	terrestrial mammal	Arvicola terrestris	Water Vole	1 seen
SE3503	River Dove		12/08/1991 00:00	12/08/1991	terrestrial mammal	Arvicola terrestris	Water Vole	1 seen
SE3403	Rockley Dyke		05/05/1991 00:00	05/05/1991	terrestrial mammal	Arvicola terrestris	Water Vole	2 seen
SE3403	Rockley Dyke	Doe Lane	10/05/1991 00:00	10/05/1991	terrestrial mammal	Arvicola terrestris	Water Vole	1 seen
SE3403	Rockley Dyke	Doe Lane	04/06/1991 00:00	04/06/1991	terrestrial mammal	Arvicola terrestris	Water Vole	1 seen
SE3403	Rockley Dyke	Doe Lane	25/09/1990 00:00	25/09/1990	terrestrial mammal	Arvicola terrestris	Water Vole	3
SE3403	Rockley Dyke	Doe Lane	28/09/1990 00:00	28/09/1990	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3403	Rockley Dyke	Doe Lane	08/10/1990 00:00	08/10/1990	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3403	Rockley Dyke	Doe Lane	15/08/1990 00:00	15/08/1990	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3403	Worsbrough Country Park	nr reservoir	09/08/1990 00:00	09/08/1990	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3403	Worsbrough Country Park	nr reservoir	24/08/1990 00:00	24/08/1990	terrestrial mammal	Arvicola terrestris	Water Vole	2
SE3403	Rockley Dyke	Doe Lane	25/10/1990 00:00	25/10/1990	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3403	Worsbrough Country Park	millrace	21/05/1990 00:00	21/05/1990	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3403	Worsbrough Country Park	mill race	03/06/1990 00:00	03/06/1990	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3403	Worsbrough Country Park	reservoir area	04/06/1990 00:00	04/06/1990	terrestrial mammal	Arvicola terrestris	Water Vole	1

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE3403	Worsbrough Country Park	reservoir	12/04/1990 00:00	12/04/1990	terrestrial mammal	Arvicola terrestris	Water Vole	2
SE3403	Worsbrough Country Park	mill race	18/04/1990 00:00	18/04/1990	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3403	Rockley Dyke	Doe Lane	20/04/1990 00:00	20/04/1990	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3403	Brough Green	brook	18/05/1990 00:00	18/05/1990	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3403	Brough Green	brook	06/05/1990 00:00	06/05/1990	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3403	Worsbrough Country Park	millrace	08/05/1990 00:00	08/05/1990	terrestrial mammal	Arvicola terrestris	Water Vole	2
SE3403	Worsbrough Country Park	hide	08/03/1990 00:00	08/03/1990	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3403	Rockley Dyke	Doe Lane	22/03/1990 00:00	22/03/1990	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3403		mill pond, Worsbrough Country Park	15/12/1994 00:00	15/12/1994	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3403		millrace, Worsbrough Country Park	24/11/1994 00:00	24/11/1994	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3403		Worsbrough Reservoir	12/04/1990 00:00	12/04/1990	terrestrial mammal	Arvicola terrestris	Water Vole	1 in mill race
SE3403		Rockley Dyke, Worsbrough Country Park	14/05/1990 00:00	14/05/1990	terrestrial mammal	Arvicola terrestris	Water Vole	1 in willow carr
SE3403		millrace, Worsbrough Country Park	25/07/1994 00:00	25/07/1994	terrestrial mammal	Arvicola terrestris	Water Vole	1

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE3403		millrace, Worsbrough Country Park	11/04/1994 00:00	11/04/1994	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3403	Rockley Dyke	Doe Lane	11/04/1990 00:00	11/04/1990	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3403	Worsbrough Country Park		19/01/1990 00:00	19/01/1990	terrestrial mammal	Arvicola terrestris	Water Vole	1 eating crab apple at mill pond
SE3403	Rockley Dyke	Doe Lane	01/02/1990 00:00	01/02/1990	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3403	Rockley Dyke	Doe Lane	22/02/1990 00:00	22/02/1990	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3403	Worsbrough Country Park		01/10/1988 00:00	01/10/1988	terrestrial mammal	Arvicola terrestris	Water Vole	1 on 2 dates
SE3403	Worsbrough Country Park		24/06/1988 00:00	24/06/1988	terrestrial mammal	Arvicola terrestris	Water Vole	1 collecting willow shoots and taking down hole
SE3403	Worsbrough Country Park		01/07/1988 00:00	01/07/1988	terrestrial mammal	Arvicola terrestris	Water Vole	1 on 2 occasions
SE3403	Worsbrough Reservoir LWS	Mill Race Doe Lane	05/07/1988 00:00	05/07/1988	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3403	Worsbrough Country Park		20/07/1988 00:00	20/07/1988	terrestrial mammal	Arvicola terrestris	Water Vole	3
SE3403	Worsbrough Country Park		03/08/1988 00:00	03/08/1988	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3403	Worsbrough Country Park		31/08/1988 00:00	31/08/1988	terrestrial mammal	Arvicola terrestris	Water Vole	2
SE3403	Worsbrough Reservoir LWS		18/04/1988 00:00	18/04/1988	terrestrial mammal	Arvicola terrestris	Water Vole	reported to JDHB

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE3403	Worsbrough Country Park		01/05/1988 00:00	01/05/1988	terrestrial mammal	Arvicola terrestris	Water Vole	1 on 2 occasions
SE3403	Worsbrough Country Park		01/06/1988 00:00	01/06/1988	terrestrial mammal	Arvicola terrestris	Water Vole	1 on 2 occasions
SE3403	Worsbrough Country Park		14/07/1988 00:00	14/07/1988	terrestrial mammal	Arvicola terrestris	Water Vole	4 incl 3 together
SE3403	Worsbrough Country Park		01/03/1988 00:00	01/03/1988	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3403	Worsbrough Country Park		31/03/1988 00:00	31/03/1988	terrestrial mammal	Arvicola terrestris	Water Vole	2
SE3403	Worsbrough Country Park		01/04/1988 00:00	01/04/1988	terrestrial mammal	Arvicola terrestris	Water Vole	4 sightings of up to 3 animals
SE3403	Worsbrough Country Park		04/01/1988 00:00	04/01/1988	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3403	Worsbrough Reservoir LWS		01/05/1987 00:00	01/05/1987	terrestrial mammal	Arvicola terrestris	Water Vole	6 sightings in the month
SE3403	Worsbrough Reservoir LWS		26/09/1986 00:00	26/09/1986	terrestrial mammal	Arvicola terrestris	Water Vole	3 seen
SE3403	Worsbrough Reservoir LWS		01/01/1987 00:00	01/01/1987	terrestrial mammal	Arvicola terrestris	Water Vole	up to 2 animals seen on 18 occasions throughout the year
SE3403	Worsbrough Reservoir LWS		27/03/1987 00:00	27/03/1987	terrestrial mammal	Arvicola terrestris	Water Vole	1

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE3403	Worsbrough Reservoir LWS		01/04/1987 00:00	01/04/1987	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3403	Worsbrough Reservoir LWS		14/04/1987 00:00	14/04/1987	terrestrial mammal	Arvicola terrestris	Water Vole	2
SE3403	Worsbrough Reservoir LWS		01/01/1986 00:00	01/01/1986	terrestrial mammal	Arvicola terrestris	Water Vole	up to 5 animals seen on 23 occasions during the year
SE3403	Worsbrough Reservoir LWS		02/05/1986 00:00	02/05/1986	terrestrial mammal	Arvicola terrestris	Water Vole	5 seen
SE3403	Worsbrough Country Park	mill race	19/05/1985 00:00	19/05/1985	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3403	Worsbrough Reservoir LWS		01/08/1985 00:00	01/08/1985	terrestrial mammal	Arvicola terrestris	Water Vole	1 seen on 3 dates by G Smith
SE3403	Worsbrough Country Park	mill race	11/09/1985 00:00	11/09/1985	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3503	River Dove		07/05/1985 00:00	07/05/1985	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3403	Worsbrough Country Park	mill race	08/05/1985 00:00	08/05/1985	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3403	Brough Green	brook	17/02/1985 00:00	17/02/1985	terrestrial mammal	Arvicola terrestris	Water Vole	2
SE3403	Rockley Dyke	willow carr	18/04/1985 00:00	18/04/1985	terrestrial mammal	Arvicola terrestris	Water Vole	4

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE3403	Worsbrough Reservoir LWS		22/04/1985 00:00	22/04/1985	terrestrial mammal	Arvicola terrestris	Water Vole	1 seen by GL
SE3403	Rockley Dyke		14/10/1984 00:00	14/10/1984	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3403	Worsbrough Country Park	mill race	19/06/1985 00:00	19/06/1985	terrestrial mammal	Arvicola terrestris	Water Vole	2
SE3403	Worsbrough Country Park		01/01/1984 00:00	01/01/1984	terrestrial mammal	Arvicola terrestris	Water Vole	1 seen frequently from 11 Feb to 14 Oct
SE3403	Rockley Dyke		01/01/1985 00:00	01/01/1985	terrestrial mammal	Arvicola terrestris	Water Vole	1 or 2 seen frequently from Jan to Sept
SE3403	Worsbrough Reservoir LWS		14/10/1981 00:00	14/10/1981	terrestrial mammal	Arvicola terrestris	Water Vole	1 in different area
SE3403	Worsbrough Reservoir LWS		31/05/1981 00:00	31/05/1981	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3403	Worsbrough Reservoir LWS	Doe Lane Pond	26/06/1981 00:00	26/06/1981	terrestrial mammal	Arvicola terrestris	Water Vole	parent with young in mouth
SE3403	Worsbrough Reservoir LWS		15/05/1981 00:00	15/05/1981	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	01/01/2002 00:00	01/01/2002	terrestrial mammal	Arvicola terrestris	Water Vole	

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE353033	Worsbrough Reservoir LWS	canal	06/08/1977 00:00	06/08/1977	terrestrial mammal	Arvicola terrestris	Water Vole	live
SE348033	Worsbrough Reservoir LWS	mill race	11/05/1980 00:00	11/05/1980	terrestrial mammal	Arvicola terrestris	Water Vole	live
SE3403	Worsbrough Country Park	Rockley Dyke, Worsbrough Country Park	14/05/1990 00:00	14/05/1990	terrestrial mammal	Arvicola terrestris	Water Vole	1 in willow carr
SE3403	Worsbrough Reservoir LWS	Worsbrough Reservoir	12/04/1990 00:00	12/04/1990	terrestrial mammal	Arvicola terrestris	Water Vole	1 in mill race
SE3403		millrace, Worsbrough Country Park	11/04/1994 00:00	11/04/1994	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3403		millrace, Worsbrough Country Park	24/11/1994 00:00	24/11/1994	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3403		mill pond, Worsbrough Country Park	22/09/1994 00:00	22/09/1994	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3403		mill pond, Worsbrough Country Park	06/11/1994 00:00	06/11/1994	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3403		millrace, Worsbrough Country Park	20/04/1994 00:00	20/04/1994	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3403		millrace, Worsbrough Country Park	25/07/1994 00:00	25/07/1994	terrestrial mammal	Arvicola terrestris	Water Vole	1

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE3403		millrace, Worsbrough Country Park	31/08/1994 00:00	31/08/1994	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3403		Doe Lane - Rockley Dike, Worsbrough Country Park	18/10/1994 00:00	18/10/1994	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3403		millrace, Worsbrough Country Park	10/01/1994 00:00	10/01/1994	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3403		Doe Lane - Rockley Dike, Worsbrough Country Park	30/11/1994 00:00	30/11/1994	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3403		mill pond, Worsbrough Country Park	15/12/1994 00:00	15/12/1994	terrestrial mammal	Arvicola terrestris	Water Vole	1
SE3403	Worsbrough Reservoir LWS	Brough Green Brook	24/04/1998 00:00	24/04/1998	terrestrial mammal	Arvicola terrestris	Water Vole	
SE3403	Worsbrough Reservoir LWS	Brough Green Brook	22/12/1998 00:00	22/12/1998	terrestrial mammal	Arvicola terrestris	Water Vole	
SE3403	Worsbrough Reservoir LWS	Willow Wood bridge	21/01/1998 00:00	21/01/1998	terrestrial mammal	Arvicola terrestris	Water Vole	
SE3403	Worsbrough Reservoir LWS	Willow Wood bridge	02/05/1998 00:00	02/05/1998	terrestrial mammal	Arvicola terrestris	Water Vole	
SE3403	Worsbrough Reservoir LWS	Willow Wood	05/04/1998 00:00	05/04/1998	terrestrial mammal	Arvicola terrestris	Water Vole	

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	01/01/1991 00:00	01/01/1991	terrestrial mammal	Arvicola terrestris	Water Vole	Only ten sightings for the whole year, the lowest number for seven years.
SE3503	Worsbrough Reservoir LWS	Canal basin	23/05/1991 00:00	23/05/1991	reptile	Natrix natrix	Grass Snake	Being attacked by a magpie.
SE3503	Worsbrough Country Park	canal basin	23/05/1991 00:00	23/05/1991	reptile	Natrix natrix	Grass Snake	attcked by Magpie but unharmed
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	01/01/2002 00:00	01/01/2002	reptile	Natrix natrix	Grass Snake	
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	01/06/2011 00:00	01/06/2011	reptile	Natrix natrix	Grass Snake	
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	01/02/2012 00:00	01/02/2012	reptile	Natrix natrix	Grass Snake	
SE360034	Barrow Colliery Barnsley	Worsbrough Dale Sewage Works Pond	01/01/2000 00:00	01/01/2000	reptile	Natrix natrix	Grass Snake	Dead
SE361035	'BARNSELY MBC'	Worsbrough Dale sewage wks	03/04/2011 00:00	03/04/2011	reptile	Natrix natrix	Grass Snake	1 in scrub area, N side of River Dove
SE361035	Worsbrough	Sewage works	21/04/2012 00:00	21/04/2012	reptile	Natrix natrix	Grass Snake	1 basking in grass under brambles near site entrance

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE360034	Barrow Colliery Barnsley	Sediment Ponds	01/01/2015 00:00	01/01/2015	reptile	Natrix natrix	Grass Snake	Immature
SE358030	Barrow Colliery Barnsley	Barrow	01/01/2014 00:00	01/01/2014	reptile	Natrix natrix	Grass Snake	Snake bit the observer's dog
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	01/09/2011 00:00	01/09/2011	amphibian	Bufo bufo	Common Toad	
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	03/03/1992 00:00	03/03/1992	amphibian	Bufo bufo	Common Toad	On paths around the reservoir at night.
SE360034	Barrow Colliery Barnsley	Dark Lane Pond	04/04/2015 00:00	04/04/2015	amphibian	Bufo bufo	Common Toad	many toads around edges of pond
SE360034	Barrow Colliery Barnsley	Dark Lane pond	25/03/2011 00:00	25/03/2011	amphibian	Bufo bufo	Common Toad	100+ toads around edges of pond
SE3403	Worsbrough	Haverlands Lane	09/10/1991 00:00	09/10/1991	amphibian	Bufo bufo	Common Toad	Found dead.
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	18/05/1992 00:00	18/05/1992	terrestrial mammal	Myotis mystacinus	Whiskered Bat	Head and wing found by the reservoir.
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	27/05/1982 00:00	27/05/1982	terrestrial mammal	Myotis mystacinus	Whiskered Bat	1 feeding
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	18/08/1985 00:00	18/08/1985	terrestrial mammal	Myotis mystacinus	Whiskered Bat	1 feeding

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	01/01/2002 00:00	01/01/2002	terrestrial mammal	Myotis mystacinus	Whiskered Bat	
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	26/09/1987 00:00	26/09/1987	terrestrial mammal	Myotis mystacinus	Whiskered Bat	1
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	18/05/1992 00:00	18/05/1992	terrestrial mammal	Myotis mystacinus	Whiskered Bat	1
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	17/05/1982 00:00	17/05/1982	terrestrial mammal	Myotis mystacinus	Whiskered Bat	1 feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	18/08/1989 00:00	18/08/1989	terrestrial mammal	Myotis mystacinus	Whiskered Bat	1 feeding
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	14/07/1979 00:00	14/07/1979	terrestrial mammal	Myotis mystacinus	Whiskered Bat	2 visual in crevice
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	10/07/1981 00:00	10/07/1981	terrestrial mammal	Myotis mystacinus	Whiskered Bat	2 feeding
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	26/06/1981 00:00	26/06/1981	terrestrial mammal	Myotis mystacinus	Whiskered Bat	1
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	26/04/1982 00:00	26/04/1982	terrestrial mammal	Myotis mystacinus	Whiskered Bat	1 feeding
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	30/06/1981 00:00	30/06/1981	terrestrial mammal	Myotis mystacinus	Whiskered Bat	1 feeding

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	01/01/2002 00:00	01/01/2002	terrestrial mammal	Myotis nattereri	Natterer's Bat	
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	01/01/2002 00:00	01/01/2002	terrestrial mammal	Nyctalus leisleri	Leisler's Bat	
SE350029	Worsbrough Hall		21/08/1986 00:00	21/08/1986	terrestrial mammal	Nyctalus leisleri	Leisler's Bat	
SE350029	Worsbrough Hall		27/08/1986 00:00	27/08/1986	terrestrial mammal	Nyctalus leisleri	Leisler's Bat	
SE350029	Worsbrough Hall		18/08/1989 00:00	18/08/1989	terrestrial mammal	Nyctalus leisleri	Leisler's Bat	
SE3403	Bell Bank Wood		20/06/1991 00:00	20/06/1991	terrestrial mammal	Nyctalus noctula	Noctule	Female found dead.
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	01/01/1991 00:00	01/01/1991	terrestrial mammal	Nyctalus noctula	Noctule	Common in July and August over water bodies.
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	05/09/1992 00:00	05/09/1992	terrestrial mammal	Nyctalus noctula	Noctule	Seen and heard with a bat detector.
SE3403	Worsbrough Country Park		24/05/1977 00:00	24/05/1977	terrestrial mammal	Nyctalus noctula	Noctule	dead specimen donated to Sheffield Museum by P. Morris fa51mm
SE346033	Worsbrough Country Park		06/09/1986 00:00	06/09/1986	terrestrial mammal	Nyctalus noctula	Noctule	4 feeding over water 2030h onwards

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE3403	Worsbrough Country Park		13/06/1987 00:00	13/06/1987	terrestrial mammal	Nyctalus noctula	Noctule	at least 10 over reservoir and fields 2200-2230h
SE349034	Worsbrough Country Park		03/08/1986 00:00	03/08/1986	terrestrial mammal	Nyctalus noctula	Noctule	several in flight detected
SE346033	Worsbrough Country Park		03/08/1986 00:00	03/08/1986	terrestrial mammal	Nyctalus noctula	Noctule	4 feeding over water 2140h onwards
SE3403	Worsbrough Reservoir LWS		14/05/1982 00:00	14/05/1982	terrestrial mammal	Nyctalus noctula	Noctule	ca 20
SE3403	Worsbrough Reservoir LWS		17/05/1982 00:00	17/05/1982	terrestrial mammal	Nyctalus noctula	Noctule	3f 1m mist netted
SE3403	Worsbrough Reservoir LWS		21/08/1982 00:00	21/08/1982	terrestrial mammal	Nyctalus noctula	Noctule	ca 6 detected by Henry Arnold
SE3403	Worsbrough Country Park		01/01/1982 00:00	01/01/1982	terrestrial mammal	Nyctalus noctula	Noctule	up to 30or40 at dusk in summer
SE3403	Worsbrough Country Park		01/01/1982 00:00	01/01/1982	terrestrial mammal	Nyctalus noctula	Noctule	regularly caught in mist nets
SE3403	Worsbrough Reservoir LWS		05/05/1982 00:00	05/05/1982	terrestrial mammal	Nyctalus noctula	Noctule	1 mist netted
SE3403	Worsbrough Reservoir LWS		14/05/1982 00:00	14/05/1982	terrestrial mammal	Nyctalus noctula	Noctule	1f mist netted

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE3403	Worsbrough Reservoir LWS		29/06/1979 00:00	29/06/1979	terrestrial mammal	Nyctalus noctula	Noctule	female fa53mm netted
SE3403	Worsbrough Reservoir LWS		09/08/1979 00:00	09/08/1979	terrestrial mammal	Nyctalus noctula	Noctule	1m 3f netted
SE3403	Worsbrough Reservoir LWS	Worsbrough Reservoir	18/08/1985 00:00	18/08/1985	terrestrial mammal	Nyctalus noctula	Noctule	2 feeding
SE352032	'BARNSELEY MBC'	Button Mill Inn	24/06/1999 00:00	24/06/1999	terrestrial mammal	Nyctalus noctula	Noctule	1 exit count
SE352032	'BARNSELEY MBC'	Button Mill Inn	06/07/1991 00:00	06/07/1991	terrestrial mammal	Nyctalus noctula	Noctule	1 exit count
SE3503	Bell Bank Wood		17/07/1991 00:00	17/07/1991	terrestrial mammal	Nyctalus noctula	Noctule	exit count tree roost 1
SE345034	Worsbrough Reservoir LWS	Worsbrough Reservoir	25/08/1982 00:00	25/08/1982	terrestrial mammal	Nyctalus noctula	Noctule	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Reservoir	30/06/1981 00:00	30/06/1981	terrestrial mammal	Nyctalus noctula	Noctule	feeding
SE3403	Worsbrough Reservoir LWS	Worsbrough Reservoir	03/07/1983 00:00	03/07/1983	terrestrial mammal	Nyctalus noctula	Noctule	1 feeding
SE3403	Worsbrough Reservoir LWS	Worsbrough Reservoir	09/11/1985 00:00	09/11/1985	terrestrial mammal	Nyctalus noctula	Noctule	1 feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Reservoir	26/08/1981 00:00	26/08/1981	terrestrial mammal	Nyctalus noctula	Noctule	3 feeding

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE3403	Worsbrough Reservoir LWS	Worsbrough Reservoir	08/09/1982 00:00	08/09/1982	terrestrial mammal	Nyctalus noctula	Noctule	10 feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Reservoir	28/04/1982 00:00	28/04/1982	terrestrial mammal	Nyctalus noctula	Noctule	feeding
SE3403	Worsbrough Reservoir LWS	Worsbrough Reservoir	11/09/1982 00:00	11/09/1982	terrestrial mammal	Nyctalus noctula	Noctule	20 feeding
SE3403	Worsbrough Reservoir LWS	Worsbrough Reservoir	30/10/1985 00:00	30/10/1985	terrestrial mammal	Nyctalus noctula	Noctule	1 feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Reservoir	08/08/1982 00:00	08/08/1982	terrestrial mammal	Nyctalus noctula	Noctule	15 feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Reservoir	05/05/1982 00:00	05/05/1982	terrestrial mammal	Nyctalus noctula	Noctule	1 feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Reservoir	25/09/1981 00:00	25/09/1981	terrestrial mammal	Nyctalus noctula	Noctule	10 feeding
SE3403	Worsbrough Reservoir LWS	Worsbrough Reservoir	14/09/1986 00:00	14/09/1986	terrestrial mammal	Nyctalus noctula	Noctule	5 feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Reservoir	22/04/1982 00:00	22/04/1982	terrestrial mammal	Nyctalus noctula	Noctule	12 feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Reservoir	15/07/1981 00:00	15/07/1981	terrestrial mammal	Nyctalus noctula	Noctule	10 feeding

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE345034	Worsbrough Reservoir LWS	Worsbrough Reservoir	18/04/1982 00:00	18/04/1982	terrestrial mammal	Nyctalus noctula	Noctule	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Reservoir	14/05/1982 00:00	14/05/1982	terrestrial mammal	Nyctalus noctula	Noctule	1 feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Reservoir	17/05/1982 00:00	17/05/1982	terrestrial mammal	Nyctalus noctula	Noctule	4 feeding
SE352032	'BARNSELEY MBC'	Button Mill Inn	21/08/1981 00:00	21/08/1981	terrestrial mammal	Nyctalus noctula	Noctule	4 exit count
SE350029	Worsbrough Hall		11/08/1981 00:00	11/08/1981	terrestrial mammal	Nyctalus noctula	Noctule	1
SE350029	Worsbrough Hall		01/08/1990 00:00	01/08/1990	terrestrial mammal	Nyctalus noctula	Noctule	1
SE345034	Worsbrough Reservoir LWS	Worsbrough Reservoir	08/05/1993 00:00	08/05/1993	terrestrial mammal	Nyctalus noctula	Noctule	20 feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Reservoir	29/04/1995 00:00	29/04/1995	terrestrial mammal	Nyctalus noctula	Noctule	1 feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Reservoir	25/04/1998 00:00	25/04/1998	terrestrial mammal	Nyctalus noctula	Noctule	1 feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Reservoir	07/08/1988 00:00	07/08/1988	terrestrial mammal	Nyctalus noctula	Noctule	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Reservoir	26/03/1989 00:00	26/03/1989	terrestrial mammal	Nyctalus noctula	Noctule	2 feeding

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE345034	Worsbrough Reservoir LWS	Worsbrough Reservoir	30/04/1987 00:00	30/04/1987	terrestrial mammal	Nyctalus noctula	Noctule	1 feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Reservoir	27/09/1987 00:00	27/09/1987	terrestrial mammal	Nyctalus noctula	Noctule	2 feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Reservoir	23/04/1990 00:00	23/04/1990	terrestrial mammal	Nyctalus noctula	Noctule	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Reservoir	06/07/1991 00:00	06/07/1991	terrestrial mammal	Nyctalus noctula	Noctule	1 feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Reservoir	05/09/1992 00:00	05/09/1992	terrestrial mammal	Nyctalus noctula	Noctule	6 feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Reservoir	22/06/1990 00:00	22/06/1990	terrestrial mammal	Nyctalus noctula	Noctule	10 feeding
SE349030	Worsbrough Reservoir LWS	Worsbrough Country Park	22/06/1991 00:00	22/06/1991	terrestrial mammal	Nyctalus noctula	Noctule	1
SE350029	Worsbrough Hall		01/08/1990 00:00	01/08/1990	terrestrial mammal	Nyctalus noctula	Noctule	1
SE3403	Worsbrough Reservoir LWS	reservoir	02/09/2011 00:00	02/09/2011	terrestrial mammal	Nyctalus noctula	Noctule	
SE3403	Worsbrough Reservoir LWS	reservoir	20/05/2011 00:00	20/05/2011	terrestrial mammal	Nyctalus noctula	Noctule	
SE3403	Worsbrough Country Park		17/09/2010 00:00	17/09/2010	terrestrial mammal	Nyctalus noctula	Noctule	

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE349033	Worsbrough Reservoir LWS	Worsbrough Reservoir	06/05/2013 00:00	06/05/2013	terrestrial mammal	Nyctalus noctula	Noctule	several - difficult to count
SE349032	Worsbrough Country Park	Worsbrough Mill	26/08/2017 00:00	26/08/2017	terrestrial mammal	Nyctalus noctula	Noctule	
SE3403	Worsbrough Reservoir LWS		10/07/2015 00:00	10/07/2015	terrestrial mammal	Nyctalus noctula	Noctule	
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	27/06/1981 00:00	27/06/1981	terrestrial mammal	Nyctalus noctula	Noctule	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	14/09/1980 00:00	14/09/1980	terrestrial mammal	Nyctalus noctula	Noctule	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	10/04/1981 00:00	10/04/1981	terrestrial mammal	Nyctalus noctula	Noctule	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	21/05/1981 00:00	21/05/1981	terrestrial mammal	Nyctalus noctula	Noctule	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	22/05/1981 00:00	22/05/1981	terrestrial mammal	Nyctalus noctula	Noctule	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	19/06/1981 00:00	19/06/1981	terrestrial mammal	Nyctalus noctula	Noctule	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	26/06/1981 00:00	26/06/1981	terrestrial mammal	Nyctalus noctula	Noctule	feeding
SE344037	Worsbrough Reservoir LWS	Worsbrough Country Park	17/07/1991 00:00	17/07/1991	terrestrial mammal	Nyctalus noctula	Noctule	

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	29/06/1979 00:00	29/06/1979	terrestrial mammal	Nyctalus noctula	Noctule	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	09/08/1979 00:00	09/08/1979	terrestrial mammal	Nyctalus noctula	Noctule	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	25/08/1979 00:00	25/08/1979	terrestrial mammal	Nyctalus noctula	Noctule	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	08/09/1980 00:00	08/09/1980	terrestrial mammal	Nyctalus noctula	Noctule	feeding
SE3403	Rockley Dyke	footpath by willow carr	01/02/1987 00:00	01/02/1987	amphibian	Triturus cristatus	Great Crested Newt	f dug up by workmen
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	01/01/2002 00:00	01/01/2002	amphibian	Triturus cristatus	Great Crested Newt	
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	01/09/2011 00:00	01/09/2011	amphibian	Triturus cristatus	Great Crested Newt	
SE34880309	Bell Bank Wood	North-eastern end of wood	03/05/2016 00:00	03/05/2016	terrestrial mammal	Meles meles	Badger	Fresh droppings in dung pits on edge of wood.
SE34880309	Bell Bank Wood	North-eastern end of wood	12/04/2016 00:00	12/04/2016	terrestrial mammal	Meles meles	Badger	Cluster of recently used dung pits on edge of wood.
SE3403	'BARNSELY MBC'	Worsborough	03/11/1987 00:00	03/11/1987	terrestrial mammal	Meles meles	Badger	Unconfirmed report of 2 near Worsborough

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
								Reservoir at approx 16.00
SE3403	Worsbrough Country Park		01/01/1989 00:00	01/01/1989	terrestrial mammal	Lepus europaeus	Brown Hare	hares appeared scarcer in 1989
SE3403	Worsbrough Reservoir LWS	west bank field	05/12/1990 00:00	05/12/1990	terrestrial mammal	Lepus europaeus	Brown Hare	1
SE3403	Worsbrough Reservoir LWS	Worsbrough Reservoir	02/04/1981 00:00	02/04/1981	terrestrial mammal	Lepus europaeus	Brown Hare	1
SE3503	Barrow Colliery Barnsley	Barrow Colliery	20/04/1990 00:00	20/04/1990	terrestrial mammal	Lepus europaeus	Brown Hare	1
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	01/01/2002 00:00	01/01/2002	terrestrial mammal	Lepus europaeus	Brown Hare	
SE3403	'BARNSELY MBC'	West side of Worsbrough Res.	26/01/2012 00:00	26/01/2012	terrestrial mammal	Lepus europaeus	Brown Hare	2 boxing on agricultural land on west side of reservoir
SE3403	Worsbrough Reservoir LWS	W field	17/01/2010 00:00	17/01/2010	terrestrial mammal	Lepus europaeus	Brown Hare	one
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	05/12/1998 00:00	05/12/1998	terrestrial mammal	Lepus europaeus	Brown Hare	With a broken leg.
SE3403	Worsbrough	Wigfield Farm	01/09/1991 00:00	01/09/1991	terrestrial mammal	Lepus europaeus	Brown Hare	Maximum count. Seen

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
								during harvesting.
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	01/01/1991 00:00	01/01/1991	terrestrial mammal	Lepus europaeus	Brown Hare	25 sightings during the whole year, usually in singles or pairs.
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	01/01/1992 00:00	01/01/1992	terrestrial mammal	Lepus europaeus	Brown Hare	Seen in all months of the year.
SE3403	Worsbrough Country Park		01/04/1981 00:00	01/04/1981	terrestrial mammal	Lepus europaeus	Brown Hare	seems to be increasing despite persecution by dog owners
SE3403	Worsbrough Country Park		09/04/1981 00:00	09/04/1981	terrestrial mammal	Lepus europaeus	Brown Hare	dead female suckling
SE3403	Worsbrough Reservoir LWS		18/10/1981 00:00	18/10/1981	terrestrial mammal	Chiroptera	Bats	1
SE3403	Worsbrough Reservoir LWS		23/06/1981 00:00	23/06/1981	terrestrial mammal	Chiroptera	Bats	30 + atleast 3 species
SE3403	Worsbrough Reservoir LWS		26/06/1981 00:00	26/06/1981	terrestrial mammal	Chiroptera	Bats	40+
SE3403	Worsbrough Reservoir LWS		21/01/1981 00:00	21/01/1981	terrestrial mammal	Chiroptera	Bats	small bat in flight in mild weather

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	08/06/1979 00:00	08/06/1979	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	29/08/1979 00:00	29/08/1979	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	30/08/1979 00:00	30/08/1979	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	31/08/1979 00:00	31/08/1979	terrestrial mammal	Chiroptera	Bats	feeding
SE349043	'BARNSELY MBC'	Ward Green Primary School	25/09/2002 00:00	25/09/2002	terrestrial mammal	Chiroptera	Bats	Bat in school hall
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	12/04/1979 00:00	12/04/1979	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	18/04/1979 00:00	18/04/1979	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	11/05/1979 00:00	11/05/1979	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	24/05/1979 00:00	24/05/1979	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	25/05/1979 00:00	25/05/1979	terrestrial mammal	Chiroptera	Bats	feeding

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	27/05/1979 00:00	27/05/1979	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	04/10/1978 00:00	04/10/1978	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	05/10/1978 00:00	05/10/1978	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	07/10/1978 00:00	07/10/1978	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	09/10/1978 00:00	09/10/1978	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	10/10/1978 00:00	10/10/1978	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	11/04/1979 00:00	11/04/1979	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	19/09/1978 00:00	19/09/1978	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	22/09/1978 00:00	22/09/1978	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	23/09/1978 00:00	23/09/1978	terrestrial mammal	Chiroptera	Bats	feeding

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	27/09/1978 00:00	27/09/1978	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	28/09/1978 00:00	28/09/1978	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	30/09/1978 00:00	30/09/1978	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	05/09/1978 00:00	05/09/1978	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	07/09/1978 00:00	07/09/1978	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	08/09/1978 00:00	08/09/1978	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	13/09/1978 00:00	13/09/1978	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	14/09/1978 00:00	14/09/1978	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	18/09/1978 00:00	18/09/1978	terrestrial mammal	Chiroptera	Bats	feeding
SE350029	Worsbrough Hall		27/08/1978 00:00	27/08/1978	terrestrial mammal	Chiroptera	Bats	
SE350029	Worsbrough Hall		22/07/1979 00:00	22/07/1979	terrestrial mammal	Chiroptera	Bats	

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	26/06/1978 00:00	26/06/1978	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	30/06/1978 00:00	30/06/1978	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	23/08/1978 00:00	23/08/1978	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	04/09/1978 00:00	04/09/1978	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	05/05/1982 00:00	05/05/1982	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	16/10/1982 00:00	16/10/1982	terrestrial mammal	Chiroptera	Bats	feeding
SE350029	Worsbrough Hall		22/07/1977 00:00	22/07/1977	terrestrial mammal	Chiroptera	Bats	
SE350029	Worsbrough Hall		08/08/1977 00:00	08/08/1977	terrestrial mammal	Chiroptera	Bats	
SE350029	Worsbrough Hall		06/05/1978 00:00	06/05/1978	terrestrial mammal	Chiroptera	Bats	
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	10/07/1981 00:00	10/07/1981	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	15/08/1981 00:00	15/08/1981	terrestrial mammal	Chiroptera	Bats	feeding

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	29/09/1981 00:00	29/09/1981	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	18/10/1981 00:00	18/10/1981	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	31/01/1982 00:00	31/01/1982	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	22/04/1982 00:00	22/04/1982	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	10/04/1981 00:00	10/04/1981	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	19/06/1981 00:00	19/06/1981	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	23/06/1981 00:00	23/06/1981	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	26/06/1981 00:00	26/06/1981	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	27/06/1981 00:00	27/06/1981	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	30/06/1981 00:00	30/06/1981	terrestrial mammal	Chiroptera	Bats	feeding

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	15/05/1980 00:00	15/05/1980	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	16/05/1980 00:00	16/05/1980	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	19/06/1980 00:00	19/06/1980	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	16/08/1980 00:00	16/08/1980	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	23/08/1980 00:00	23/08/1980	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	15/09/1980 00:00	15/09/1980	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	24/09/1979 00:00	24/09/1979	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	29/09/1979 00:00	29/09/1979	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	30/09/1979 00:00	30/09/1979	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	13/10/1979 00:00	13/10/1979	terrestrial mammal	Chiroptera	Bats	feeding

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	05/04/1980 00:00	05/04/1980	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	14/04/1980 00:00	14/04/1980	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	13/09/1979 00:00	13/09/1979	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	14/09/1979 00:00	14/09/1979	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	17/09/1979 00:00	17/09/1979	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	18/09/1979 00:00	18/09/1979	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	22/09/1979 00:00	22/09/1979	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	23/09/1979 00:00	23/09/1979	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	18/09/1977 00:00	18/09/1977	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	03/09/1979 00:00	03/09/1979	terrestrial mammal	Chiroptera	Bats	feeding

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	04/09/1979 00:00	04/09/1979	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	07/09/1979 00:00	07/09/1979	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	08/09/1979 00:00	08/09/1979	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	12/09/1979 00:00	12/09/1979	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	23/05/1978 00:00	23/05/1978	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	26/05/1978 00:00	26/05/1978	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	09/06/1978 00:00	09/06/1978	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	19/06/1978 00:00	19/06/1978	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	09/12/1977 00:00	09/12/1977	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	10/12/1977 00:00	10/12/1977	terrestrial mammal	Chiroptera	Bats	feeding

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	06/05/1978 00:00	06/05/1978	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	07/05/1978 00:00	07/05/1978	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	09/05/1978 00:00	09/05/1978	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	21/05/1978 00:00	21/05/1978	terrestrial mammal	Chiroptera	Bats	feeding
SE350029	Worsbrough Hall		07/06/1983 00:00	07/06/1983	terrestrial mammal	Chiroptera	Bats	
SE350029	Worsbrough Hall		15/08/1983 00:00	15/08/1983	terrestrial mammal	Chiroptera	Bats	
SE353030	Worsbrough	Oak Tree, Park Cottages	15/07/2001 00:00	15/07/2001	terrestrial mammal	Chiroptera	Bats	
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	20/09/1977 00:00	20/09/1977	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	04/10/1982 00:00	04/10/1982	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	20/11/1982 00:00	20/11/1982	terrestrial mammal	Chiroptera	Bats	feeding
SE350029	Worsbrough Hall		01/01/1990 00:00	01/01/1990	terrestrial mammal	Chiroptera	Bats	

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	15/08/1979 00:00	15/08/1979	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	15/08/1979 00:00	15/08/1979	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	29/04/1982 00:00	29/04/1982	terrestrial mammal	Chiroptera	Bats	feeding
SE350029	Worsbrough Hall		03/10/1983 00:00	03/10/1983	terrestrial mammal	Chiroptera	Bats	
SE350029	Worsbrough Hall		11/08/1984 00:00	11/08/1984	terrestrial mammal	Chiroptera	Bats	
SE350029	Worsbrough Hall		13/09/1984 00:00	13/09/1984	terrestrial mammal	Chiroptera	Bats	
SE350029	Worsbrough Hall		13/09/1986 00:00	13/09/1986	terrestrial mammal	Chiroptera	Bats	
SE3503	Woolley Bank Wood		16/05/1978 00:00	16/05/1978	terrestrial mammal	Chiroptera	Bats	
SE350029	Worsbrough Hall		27/07/1981 00:00	27/07/1981	terrestrial mammal	Chiroptera	Bats	
SE350029	Worsbrough Hall		30/07/1981 00:00	30/07/1981	terrestrial mammal	Chiroptera	Bats	
SE350029	Worsbrough Hall		09/08/1981 00:00	09/08/1981	terrestrial mammal	Chiroptera	Bats	
SE350029	Worsbrough Hall		13/08/1981 00:00	13/08/1981	terrestrial mammal	Chiroptera	Bats	
SE350029	Worsbrough Hall		22/04/1982 00:00	22/04/1982	terrestrial mammal	Chiroptera	Bats	
SE350029	Worsbrough Hall		28/06/1982 00:00	28/06/1982	terrestrial mammal	Chiroptera	Bats	

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE350029	Worsbrough Hall		06/09/1979 00:00	06/09/1979	terrestrial mammal	Chiroptera	Bats	
SE350029	Worsbrough Hall		19/06/1980 00:00	19/06/1980	terrestrial mammal	Chiroptera	Bats	
SE350029	Worsbrough Hall		13/08/1980 00:00	13/08/1980	terrestrial mammal	Chiroptera	Bats	
SE350029	Worsbrough Hall		20/08/1980 00:00	20/08/1980	terrestrial mammal	Chiroptera	Bats	
SE350029	Worsbrough Hall		01/09/1980 00:00	01/09/1980	terrestrial mammal	Chiroptera	Bats	
SE350029	Worsbrough Hall		09/04/1981 00:00	09/04/1981	terrestrial mammal	Chiroptera	Bats	
SE350029	Worsbrough Hall		11/08/1980 00:00	11/08/1980	terrestrial mammal	Chiroptera	Bats	
SE350029	Worsbrough Hall		11/08/1981 00:00	11/08/1981	terrestrial mammal	Chiroptera	Bats	
SE350029	Worsbrough Hall		16/05/1982 00:00	16/05/1982	terrestrial mammal	Chiroptera	Bats	
SE350029	Worsbrough Hall		08/08/1982 00:00	08/08/1982	terrestrial mammal	Chiroptera	Bats	
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	01/09/1979 00:00	01/09/1979	terrestrial mammal	Chiroptera	Bats	feeding
SE350029	Worsbrough Hall		28/07/1979 00:00	28/07/1979	terrestrial mammal	Chiroptera	Bats	
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	01/11/1987 00:00	01/11/1987	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	15/10/1989 00:00	15/10/1989	terrestrial mammal	Chiroptera	Bats	feeding

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	06/08/1993 00:00	06/08/1993	terrestrial mammal	Chiroptera	Bats	feeding
SE350029	Worsbrough Hall		30/07/1980 00:00	30/07/1980	terrestrial mammal	Chiroptera	Bats	
SE350029	Worsbrough Hall		04/08/1980 00:00	04/08/1980	terrestrial mammal	Chiroptera	Bats	
SE350029	Worsbrough Hall		05/08/1980 00:00	05/08/1980	terrestrial mammal	Chiroptera	Bats	
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	30/10/1982 00:00	30/10/1982	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	10/05/1983 00:00	10/05/1983	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	03/07/1983 00:00	03/07/1983	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	03/10/1983 00:00	03/10/1983	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	30/10/1985 00:00	30/10/1985	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	01/09/1986 00:00	01/09/1986	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	03/10/1980 00:00	03/10/1980	terrestrial mammal	Chiroptera	Bats	feeding

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	27/06/1981 00:00	27/06/1981	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	26/08/1981 00:00	26/08/1981	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	18/04/1982 00:00	18/04/1982	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	19/04/1982 00:00	19/04/1982	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	29/04/1982 00:00	29/04/1982	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	15/08/1979 00:00	15/08/1979	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	05/04/1980 00:00	05/04/1980	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	13/04/1980 00:00	13/04/1980	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	21/04/1980 00:00	21/04/1980	terrestrial mammal	Chiroptera	Bats	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	11/05/1980 00:00	11/05/1980	terrestrial mammal	Chiroptera	Bats	feeding

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	21/09/1980 00:00	21/09/1980	terrestrial mammal	Chiroptera	Bats	feeding
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	01/01/1991 00:00	01/01/1991	terrestrial mammal	Myotis daubentoni	Daubenton's Bat	Common in July and August over water bodies.
SE3403	Worsbrough Reservoir LWS	Over the reservoir	05/09/1992 00:00	05/09/1992	terrestrial mammal	Myotis daubentoni	Daubenton's Bat	
SE3403	Worsbrough Reservoir LWS		06/09/1986 00:00	06/09/1986	terrestrial mammal	Myotis daubentoni	Daubenton's Bat	at least 3 seen and detected
SE349034	Worsbrough Reservoir LWS		03/08/1986 00:00	03/08/1986	terrestrial mammal	Myotis daubentoni	Daubenton's Bat	several bats seen and detected
SE3403	Worsbrough Reservoir LWS		03/08/1986 00:00	03/08/1986	terrestrial mammal	Myotis daubentoni	Daubenton's Bat	many detected feeding
SE3403	Worsbrough Reservoir LWS		03/08/1986 00:00	03/08/1986	terrestrial mammal	Myotis daubentoni	Daubenton's Bat	at least 4
SE346033	Worsbrough Reservoir LWS		03/08/1986 00:00	03/08/1986	terrestrial mammal	Myotis daubentoni	Daubenton's Bat	at least 4 seen and detected
SE3403	Worsbrough Country Park		03/08/1979 00:00	03/08/1979	terrestrial mammal	Myotis daubentoni	Daubenton's Bat	female netted
SE3403	Worsbrough Reservoir LWS		07/04/1982 00:00	07/04/1982	terrestrial mammal	Myotis daubentoni	Daubenton's Bat	1 found dead

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE3403	Worsbrough Reservoir LWS		27/05/1982 00:00	27/05/1982	terrestrial mammal	Myotis daubentoni	Daubenton's Bat	female netted
SE3403	Worsbrough Reservoir LWS		28/05/1982 00:00	28/05/1982	terrestrial mammal	Myotis daubentoni	Daubenton's Bat	female netted
SE3403	Worsbrough Country Park	Mill	20/06/1979 00:00	20/06/1979	terrestrial mammal	Myotis daubentoni	Daubenton's Bat	1 found dead fa37.7mm female
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	01/01/2002 00:00	01/01/2002	terrestrial mammal	Myotis daubentoni	Daubenton's Bat	
SE3403	Worsbrough Reservoir LWS	reservoir	02/09/2011 00:00	02/09/2011	terrestrial mammal	Myotis daubentoni	Daubenton's Bat	
SE3403	Worsbrough Reservoir LWS	reservoir	20/05/2011 00:00	20/05/2011	terrestrial mammal	Myotis daubentoni	Daubenton's Bat	
SE3403	Worsbrough Country Park		17/09/2010 00:00	17/09/2010	terrestrial mammal	Myotis daubentoni	Daubenton's Bat	
SE345034	Worsbrough Country Park		30/04/1987 00:00	30/04/1987	terrestrial mammal	Myotis daubentoni	Daubenton's Bat	feeding
SE345034	Worsbrough Country Park		27/09/1987 00:00	27/09/1987	terrestrial mammal	Myotis daubentoni	Daubenton's Bat	feeding
SE345034	Worsbrough Country Park		07/08/1988 00:00	07/08/1988	terrestrial mammal	Myotis daubentoni	Daubenton's Bat	feeding
SE345034	Worsbrough Country Park		23/04/1990 00:00	23/04/1990	terrestrial mammal	Myotis daubentoni	Daubenton's Bat	feeding
SE345034	Worsbrough Country Park		22/06/1990 00:00	22/06/1990	terrestrial mammal	Myotis daubentoni	Daubenton's Bat	feeding
SE345034	Worsbrough Country Park		06/07/1991 00:00	06/07/1991	terrestrial mammal	Myotis daubentoni	Daubenton's Bat	feeding

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE345034	Worsbrough Country Park		18/08/1985 00:00	18/08/1985	terrestrial mammal	Myotis daubentoni	Daubenton's Bat	feeding
SE345034	Worsbrough Country Park		23/09/1985 00:00	23/09/1985	terrestrial mammal	Myotis daubentoni	Daubenton's Bat	feeding
SE345034	Worsbrough Country Park		30/10/1985 00:00	30/10/1985	terrestrial mammal	Myotis daubentoni	Daubenton's Bat	feeding
SE345034	Worsbrough Country Park		14/09/1986 00:00	14/09/1986	terrestrial mammal	Myotis daubentoni	Daubenton's Bat	feeding
SE345034	Worsbrough Country Park		30/09/1986 00:00	30/09/1986	terrestrial mammal	Myotis daubentoni	Daubenton's Bat	feeding
SE345034	Worsbrough Country Park		06/10/1986 00:00	06/10/1986	terrestrial mammal	Myotis daubentoni	Daubenton's Bat	feeding
SE345034	Worsbrough Country Park		27/06/1981 00:00	27/06/1981	terrestrial mammal	Myotis daubentoni	Daubenton's Bat	feeding
SE345034	Worsbrough Country Park		29/06/1981 00:00	29/06/1981	terrestrial mammal	Myotis daubentoni	Daubenton's Bat	feeding
SE345034	Worsbrough Country Park		18/04/1982 00:00	18/04/1982	terrestrial mammal	Myotis daubentoni	Daubenton's Bat	feeding
SE345034	Worsbrough Country Park		27/05/1982 00:00	27/05/1982	terrestrial mammal	Myotis daubentoni	Daubenton's Bat	feeding
SE345034	Worsbrough Country Park		28/05/1982 00:00	28/05/1982	terrestrial mammal	Myotis daubentoni	Daubenton's Bat	feeding
SE345034	Worsbrough Country Park		31/05/1983 00:00	31/05/1983	terrestrial mammal	Myotis daubentoni	Daubenton's Bat	feeding
SE345034	Worsbrough Country Park		09/05/1979 00:00	09/05/1979	terrestrial mammal	Myotis daubentoni	Daubenton's Bat	feeding
SE345034	Worsbrough Country Park		03/08/1979 00:00	03/08/1979	terrestrial mammal	Myotis daubentoni	Daubenton's Bat	feeding
SE345034	Worsbrough Country Park		19/06/1981 00:00	19/06/1981	terrestrial mammal	Myotis daubentoni	Daubenton's Bat	feeding
SE345034	Worsbrough Country Park		05/09/1992 00:00	05/09/1992	terrestrial mammal	Myotis daubentoni	Daubenton's Bat	feeding

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE345034	Worsbrough Country Park		08/05/1993 00:00	08/05/1993	terrestrial mammal	Myotis daubentoni	Daubenton's Bat	feeding
SE345034	Worsbrough Country Park		27/04/1995 00:00	27/04/1995	terrestrial mammal	Myotis daubentoni	Daubenton's Bat	feeding
SE345034	Worsbrough Country Park		25/04/1998 00:00	25/04/1998	terrestrial mammal	Myotis daubentoni	Daubenton's Bat	feeding
SE345034	Worsbrough Country Park		16/06/2000 00:00	16/06/2000	terrestrial mammal	Myotis daubentoni	Daubenton's Bat	feeding
SE3403	Worsbrough Reservoir LWS		10/07/2015 00:00	10/07/2015	terrestrial mammal	Myotis daubentoni	Daubenton's Bat	
SE349032	Worsbrough Country Park	Worsbrough Mill	26/08/2017 00:00	26/08/2017	terrestrial mammal	Myotis daubentoni	Daubenton's Bat	
SE360034	Barrow Colliery Barnsley	NE sector, Dark Lane Pond	04/03/2017 00:00	04/03/2017	amphibian	Rana temporaria	Common Frog	1 frog in grassland on S side of pond
SE350040	Worsbrough	Worsbrough, Tenters Green	21/02/2017 00:00	21/02/2017	amphibian	Rana temporaria	Common Frog	first frog of the year seen in a garden
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	01/01/2002 00:00	01/01/2002	amphibian	Rana temporaria	Common Frog	
SE3403	Worsbrough Reservoir LWS	Greystones Avenue garden	01/03/1991 00:00	01/03/1991	amphibian	Rana temporaria	Common Frog	c30 mating reported in garden pond
SE3403	Worsbrough Reservoir LWS	BGBWC pond	22/03/1991 00:00	22/03/1991	amphibian	Rana temporaria	Common Frog	c25 clumps well developed spawn
SE352033	Woolley Bank Wood	Area near Worsbrough Bridge	08/04/2016 00:00	08/04/2016	amphibian	Rana temporaria	Common Frog	Single blob of frogspawn in small pond.

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE3403	Worsbrough Country Park	around the mill	11/05/1980 00:00	11/05/1980	amphibian	Rana temporaria	Common Frog	
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	01/09/2011 00:00	01/09/2011	amphibian	Rana temporaria	Common Frog	
SE3403	Worsbrough Reservoir LWS		11/07/2015 00:00	11/07/2015	amphibian	Rana temporaria	Common Frog	Young
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	01/02/2012 00:00	01/02/2012	amphibian	Rana temporaria	Common Frog	
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	01/06/2011 00:00	01/06/2011	amphibian	Rana temporaria	Common Frog	
SE360034	Barrow Colliery Barnsley	Worsbrough Dale Sewage Works Pond	01/01/2001 00:00	01/01/2001	amphibian	Rana temporaria	Common Frog	Frog spawn
SE360034	Barrow Colliery Barnsley	Worsbrough Dale Sewage Works Pond	01/01/2000 00:00	01/01/2000	amphibian	Rana temporaria	Common Frog	Frog spawn
SE360034	Barrow Colliery Barnsley	Dark Lane Pond	08/03/2014 00:00	08/03/2014	amphibian	Rana temporaria	Common Frog	first frogs of the year
SE360034	Barrow Colliery Barnsley	Dark Lane Pond	15/03/2014 00:00	15/03/2014	amphibian	Rana temporaria	Common Frog	20 or more frogs
SE360034	Barrow Colliery Barnsley	Dark Lane Pond	15/03/2015 00:00	15/03/2015	amphibian	Rana temporaria	Common Frog	4 clumps of spawn in pond
SE360034	Barrow Colliery Barnsley	Dark Lane Pond	16/03/2012 00:00	16/03/2012	amphibian	Rana temporaria	Common Frog	15 clumps of spawn in pond

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	02/06/1992 00:00	02/06/1992	amphibian	Rana temporaria	Common Frog	Immature.
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	25/03/1992 00:00	25/03/1992	amphibian	Rana temporaria	Common Frog	Some spawn already hatched and clinging to the jelly.
SE3503	Worsbrough Reservoir LWS	Canal	25/07/1991 00:00	25/07/1991	amphibian	Rana temporaria	Common Frog	Young frogs.
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	01/01/1991 00:00	01/01/1991	amphibian	Rana temporaria	Common Frog	Around 85 clumps of spawn found at 4 locations across the country park.
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	06/02/1992 00:00	06/02/1992	amphibian	Rana temporaria	Common Frog	Found at the bottom of a fence post hole.
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	01/03/1992 00:00	01/03/1992	amphibian	Rana temporaria	Common Frog	Spawn first noted.
SE344036	Worsbrough Reservoir LWS	Worsbrough Res	29/05/2011 00:00	29/05/2011	amphibian	Rana temporaria	Common Frog	
SE3403	Worsbrough Country Park		17/09/2010 00:00	17/09/2010	terrestrial mammal	Pipistrellus pipistrellus 45kHz	45 Khz Pipistrelle	

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	01/06/2011 00:00	01/06/2011	terrestrial mammal	Pipistrellus pipistrellus 45kHz	45 Khz Pipistrelle	
SE3403	Worsbrough	EA ID: 28. Worsborough Reservoir	23/02/1998 00:00	23/02/1998	terrestrial mammal	Lutra lutra	Otter	field record
SE352036	'BARNSELY MBC'	Ravenholt, Worsbrough	14/10/2015 00:00	14/10/2015	terrestrial mammal	Lutra lutra	Otter	Found dead with no signs of injury. Approximately 1m long and a healthy weight.
SE363039	'BARNSELY MBC'	Worsbrough Dale B6100	13/08/1980 00:00	13/08/1980	terrestrial mammal	Erinaceus europaeus	Hedgehog	1 dor
SE3403	Worsbrough Reservoir LWS	Worsbrough Reservoir	01/09/2011 00:00	01/09/2011	terrestrial mammal	Erinaceus europaeus	Hedgehog	
SE3403	Worsbrough Reservoir LWS	Worsbrough Reservoir	01/06/2011 00:00	01/06/2011	terrestrial mammal	Erinaceus europaeus	Hedgehog	
SE3503	Worsbrough		25/05/2013 00:00	25/05/2013	terrestrial mammal	Erinaceus europaeus	Hedgehog	Released from rehabilitation and care
SE350040	'BARNSELY MBC'	Worsbrough, Tenters Green	18/07/2012 00:00	18/07/2012	terrestrial mammal	Erinaceus europaeus	Hedgehog	1 in garden, regular visits from 5th June - 18th July
SE350035	'BARNSELY MBC'	Worsbrough, Tenters Green	25/04/2013 00:00	25/04/2013	terrestrial mammal	Erinaceus europaeus	Hedgehog	1 in garden

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE351032	'BARNSELY MBC'	A61, Worsbrough	05/05/2012 00:00	05/05/2012	terrestrial mammal	Erinaceus europaeus	Hedgehog	a dead road casualty
SE350040	'BARNSELY MBC'	Worsbrough, Tenters Green	15/06/2012 00:00	15/06/2012	terrestrial mammal	Erinaceus europaeus	Hedgehog	1 in garden, first sighting
SE360035	Worsbrough Reservoir LWS	Canal Basin	07/10/2012 00:00	07/10/2012	terrestrial mammal	Erinaceus europaeus	Hedgehog	1 young animal in grassland, daytime
SE358035	'BARNSELY MBC'	Trans Pennine Trail (Worsbrough)	30/11/2013 00:00	30/11/2013	terrestrial mammal	Erinaceus europaeus	Hedgehog	a dead animal on the Trans Pennine Trail
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	01/03/1992 00:00	01/03/1992	terrestrial mammal	Erinaceus europaeus	Hedgehog	Fresh remains found.
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	01/01/1991 00:00	01/01/1991	terrestrial mammal	Erinaceus europaeus	Hedgehog	2 sightings of live animals and 3 of dead on road.
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	01/07/1992 00:00	01/07/1992	terrestrial mammal	Erinaceus europaeus	Hedgehog	Fresh remains found.
SE3503	'BARNSELY MBC'	Worsborough Dale	01/01/1981 00:00	01/01/1981	terrestrial mammal	Erinaceus europaeus	Hedgehog	1 dead on road
SE3403	'BARNSELY MBC'	Worsborough Mill	05/08/1986 00:00	05/08/1986	terrestrial mammal	Erinaceus europaeus	Hedgehog	corpse
SE3503	'BARNSELY MBC'	Worsborough	15/05/1981 00:00	15/05/1981	terrestrial mammal	Erinaceus europaeus	Hedgehog	One
SE3403	'BARNSELY MBC'	Worsborough Reservoir	01/09/1981 00:00	01/09/1981	terrestrial mammal	Erinaceus europaeus	Hedgehog	One
SE363039	'BARNSELY MBC'	Worsborough Dale	13/08/1980 00:00	13/08/1980	terrestrial mammal	Erinaceus europaeus	Hedgehog	B6100, dead on road

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE3503	'BARNSELY MBC'	Worsborough	23/09/1991 00:00	23/09/1991	terrestrial mammal	Erinaceus europaeus	Hedgehog	corpse on road to Worsborough village
SE3403	'BARNSELY MBC'	Worsborough	27/07/1989 00:00	27/07/1989	terrestrial mammal	Erinaceus europaeus	Hedgehog	Wigfield Farm, Worsborough Country Park
SE3403	'BARNSELY MBC'	Worsborough Country Park	27/04/1988 00:00	27/04/1988	terrestrial mammal	Erinaceus europaeus	Hedgehog	One
SE3403	'BARNSELY MBC'	Worsborough Country Park	07/08/1988 00:00	07/08/1988	terrestrial mammal	Erinaceus europaeus	Hedgehog	One
SE3403	'BARNSELY MBC'	Worsborough	02/07/1989 00:00	02/07/1989	terrestrial mammal	Erinaceus europaeus	Hedgehog	Kendal Green, Worsborough Country Park, remains of skin
SE3403	'BARNSELY MBC'	Worsborough Country Park	03/04/1990 00:00	03/04/1990	terrestrial mammal	Erinaceus europaeus	Hedgehog	1, Dove Valley Trail
SE3403	'BARNSELY MBC'	Worsborough Country Park	29/07/1990 00:00	29/07/1990	terrestrial mammal	Erinaceus europaeus	Hedgehog	1 young at reservoir
SE3403	'BARNSELY MBC'	Worsborough Country Park	12/06/1991 00:00	12/06/1991	terrestrial mammal	Erinaceus europaeus	Hedgehog	1 on Dove Valley Trail
SE3403	'BARNSELY MBC'	Worsborough Country Park	18/06/1991 00:00	18/06/1991	terrestrial mammal	Erinaceus europaeus	Hedgehog	corpse on Haverlands Lane
SE3403	'BARNSELY MBC'	Worsborough Country Park	13/09/1991 00:00	13/09/1991	terrestrial mammal	Erinaceus europaeus	Hedgehog	1 in south field
SE3403	'BARNSELY MBC'	Worsborough Mill	20/10/1986 00:00	20/10/1986	terrestrial mammal	Erinaceus europaeus	Hedgehog	corpse
SE3503	'BARNSELY MBC'	Worsborough Country Park	02/09/1988 00:00	02/09/1988	terrestrial mammal	Erinaceus europaeus	Hedgehog	1 walking along path in full daylight

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE3403	'BARNSELY MBC'	Worsborough Mill	20/08/1987 00:00	20/08/1987	terrestrial mammal	Erinaceus europaeus	Hedgehog	1 alive but heavily infested with swollen ticks
SE3503	'BARNSELY MBC'	Worsborough	08/09/1989 00:00	08/09/1989	terrestrial mammal	Erinaceus europaeus	Hedgehog	Wooley Bank Road, 1 corpse
SE3403	Worsbrough Reservoir LWS	Worsbrough Country Park	01/01/2002 00:00	01/01/2002	terrestrial mammal	Plecotus auritus	Brown Long-Eared Bat	
SE345034	Worsbrough Country Park		22/08/1986 00:00	22/08/1986	terrestrial mammal	Plecotus auritus	Brown Long-Eared Bat	feeding
SE349032	Worsbrough Country Park	Worsbrough Mill	26/08/2017 00:00	26/08/2017	terrestrial mammal	Plecotus auritus	Brown Long-Eared Bat	
SE3403	Worsbrough Reservoir LWS	Worsbrough Reservoir	01/06/1970 00:00	01/06/1970	reptile	Anguis fragilis	Slow-worm	
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	08/09/1980 00:00	08/09/1980	terrestrial mammal	Myotis	Unidentified Bat	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	21/05/1981 00:00	21/05/1981	terrestrial mammal	Myotis	Unidentified Bat	feeding
SE352032	Worsbrough	Button Mill Inn	21/08/1981 00:00	21/08/1981	terrestrial mammal	Myotis	Unidentified Bat	exit count
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	03/07/1979 00:00	03/07/1979	terrestrial mammal	Myotis	Unidentified Bat	feeding
SE350029	Worsbrough Hall		15/10/1986 00:00	15/10/1986	terrestrial mammal	Nyctalus	Nyctalus Bat species	
SE350029	Worsbrough Hall		01/02/1993 00:00	01/02/1993	terrestrial mammal	Nyctalus	Nyctalus Bat species	

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	31/05/1983 00:00	31/05/1983	terrestrial mammal	Nyctalus	Nyctalus Bat species	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	03/07/1983 00:00	03/07/1983	terrestrial mammal	Nyctalus	Nyctalus Bat species	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	01/08/1983 00:00	01/08/1983	terrestrial mammal	Nyctalus	Nyctalus Bat species	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	07/09/1984 00:00	07/09/1984	terrestrial mammal	Nyctalus	Nyctalus Bat species	feeding
SE350029	Worsbrough Hall		07/07/1979 00:00	07/07/1979	terrestrial mammal	Nyctalus	Nyctalus Bat species	
SE350029	Worsbrough Hall		26/05/1981 00:00	26/05/1981	terrestrial mammal	Nyctalus	Nyctalus Bat species	
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	18/09/1979 00:00	18/09/1979	terrestrial mammal	Nyctalus	Nyctalus Bat species	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	11/05/1980 00:00	11/05/1980	terrestrial mammal	Nyctalus	Nyctalus Bat species	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	15/05/1980 00:00	15/05/1980	terrestrial mammal	Nyctalus	Nyctalus Bat species	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	31/08/1980 00:00	31/08/1980	terrestrial mammal	Nyctalus	Nyctalus Bat species	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	11/09/1980 00:00	11/09/1980	terrestrial mammal	Nyctalus	Nyctalus Bat species	feeding

Grid Ref	Location	Location Name	Date	Text Date	Group	Scientific Name	Common Name	Comments
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	17/09/1980 00:00	17/09/1980	terrestrial mammal	Nyctalus	Nyctalus Bat species	feeding
SE345034	Worsbrough Reservoir LWS	Worsbrough Country Park	18/05/1978 00:00	18/05/1978	terrestrial mammal	Nyctalus	Nyctalus Bat species	feeding
SE3403	Worsbrough Reservoir LWS		18/08/1985 00:00	18/08/1985	terrestrial mammal	Pipistrellus pipistrellus 55kHz	55 Khz Pipistrelle	male mature brown face
SE3403	Worsbrough Country Park		17/09/2010 00:00	17/09/2010	terrestrial mammal	Pipistrellus pipistrellus 55kHz	55 Khz Pipistrelle	
SE3403	Worsbrough Reservoir LWS		10/07/2015 00:00	10/07/2015	terrestrial mammal	Pipistrellus pipistrellus 55kHz	55 Khz Pipistrelle	
SE349032	Worsbrough Country Park	Worsbrough Mill	26/08/2017 00:00	26/08/2017	terrestrial mammal	Pipistrellus pipistrellus 55kHz	55 Khz Pipistrelle	
SE3403	Worsbrough Reservoir LWS	reservoir	20/05/2011 00:00	20/05/2011	terrestrial mammal	Pipistrellus pipistrellus 55kHz	55 Khz Pipistrelle	
SE3403	Worsbrough Reservoir LWS	reservoir	02/09/2011 00:00	02/09/2011	terrestrial mammal	Pipistrellus pipistrellus 55kHz	55 Khz Pipistrelle	

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