Whitcher Wildlife Ltd.
Wildlife Consultants.

LITTLE DOUBTING FARM, PENISTONE.

PHASE I HABITAT AND PROTECTED FAUNA SURVEY.

Ref No:- **120838.**

Date:- **28th August 2012.**

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1. INTRODUCTION.

1.1. Ryley & Co is drawing up plans for the erection of a wind turbine at Little Doubting Farm near Penistone.

1.2. A Phase 1 Habitat survey of the site was commissioned to accompany the application for planning permission on the site.

1.3. Whitcher Wildlife Ltd carried out the survey on the 23rd August 2012. This report outlines the findings of the survey and makes appropriate recommendations.

1.4. Appendices I to X of this report provide additional information on specific species and are designed to assist the reader to understand the contents of this report.

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2. SURVEY METHODOLOGY.

2.1. Prior to visiting the site the survey area was cross referenced to maps and aerial photographs to give a general idea of the habitats within the area and to identify potential access and walking routes.

2.2. The survey area was walked where access was agreed and public rights of way were used where no access was agreed. All habitats within and immediately around the survey area were documented and the dominant species within that habitat listed in line with the JNCC Handbook for Phase 1 Habitat surveys.

2.3. The survey area and immediate surrounding area was thoroughly searched for evidence of badger (*Meles meles*) activity by looking for the following signs in line with Harris S, Cresswell P and Jefferies D (1989). *Surveying Badgers*. Mammal Society:-

* Badger setts.
* Badger latrines or dung pits.
* Badger snuffle holes and evidence of foraging.
* Badger paths.
* Badger prints in areas of soft mud.
* Badger hairs caught on fencing.

2.4. All watercourses within the survey area and for approximately 50m in each direction were thoroughly searched for evidence of water vole (*Arvicola amphibius*) activity by looking for the following signs, in line with Rob Strachan, Tom Moorhouse and Merryl Gelling (2011). *Water Vole Handbook: Third Edition*:-

* Water vole burrows.
* Water vole faeces and latrines.
* Water vole feeding stations.
* Water vole runs.
* Water vole prints in areas of soft mud.
* Water vole lawns.
* Predator field signs.

2.5. All watercourses within the survey area and for approximately 100m in each direction were thoroughly searched for evidence of otter (*Lutra lutra*) activity by looking for the following signs in line with the P Chanin (2003). *Monitoring the Otter* and *Conserving Natura 2000 Rivers: Monitoring Series No10 Guidelines:-*

* Otter prints in soft mud.
* Otter spraints.
* Otter holts.

2.6. All mature trees and derelict buildings were checked for potential bat roosting sites in line with L Hundt (2012). *Bat Conservation Trust Good Practice Guidelines* by looking for the following signs:-

* Holes, cracks or crevices.
* Bat Droppings.

2.7. The land adjacent to the survey area was assessed for bat roosting and foraging potential including connective routes and flight lines.

2.8. The area within 500m of the survey site was cross referenced to maps to highlight all ponds close to the site. Where possible the ponds were accessed using agreed access or public rights of way to assess the potential for great crested newts (*Triturus cristatus*) to be present.

2.9. All watercourses and waterbodies within the survey area and for approximately 50m in each direction were thoroughly searched for the presence of crayfish where safe to enter the water. The survey was carried out in accordance with the *Conserving Natura 2000 Rivers Monitoring Series No 1, Protocol for Monitoring the White Clawed Crayfish.*

2.10. The survey area was thoroughly searched for the presence of reptiles or suitable reptile habitats.

2.11. All surveys were carried out in line with the Institute of Ecological and Environmental Management (IEEM) survey standards and advice.

2.12. This survey was carried out by Steven Whitcher MIEEM. Since 2002 Steven has had experience in a professional capacity as a Wildlife Consultant carrying out ecology and protected species surveys and Phase 1 Habitat surveys. Steven holds Natural England Survey Licences in respect of bats, great crested newts, crayfish and barn owls, CCW Survey Licences in respect of bats and great crested newts and an SNH Survey Licence in respect to bats. He has also successfully completed a number of courses run by the Institute of Ecology and Environmental Management (IEEM),

the Bat Conservation Trust (BCT) and the Field Studies Council (FSC) in the relative protected species, plant species and in carrying out Phase 1 Habitat Surveys.

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3. SURVEY RESULTS.

3.1. Data Search Results.

3.1.1. A desktop data search for existing records of protected species or designated sites in the area of the site was submitted to Barnsley Biological Records Centre (BBRC).

3.1.2. BBRC holds various records of fauna and plant species in the area of the site although none of the records refer to the site or the immediate surrounding area.

3.1.3. BBRC also holds records of various Natural Heritage sites and SSSI's in the area of the site although none of the sites are close enough to be affected by the proposed works.

3.1.4. A full copy of the results received from BBRC is included in Appendix XIII of this report.

3.1.5. A desktop data search for existing records of protected species or designated sites in the area of the site was also carried out using the National Biodiversity Network (NBN) Gateway and MAGIC websites.

3.1.6. The NBN Gateway holds records of great crested newts, adders, badgers, otters and water voles within a 10km grid square around the site although there are no records specific to the site.

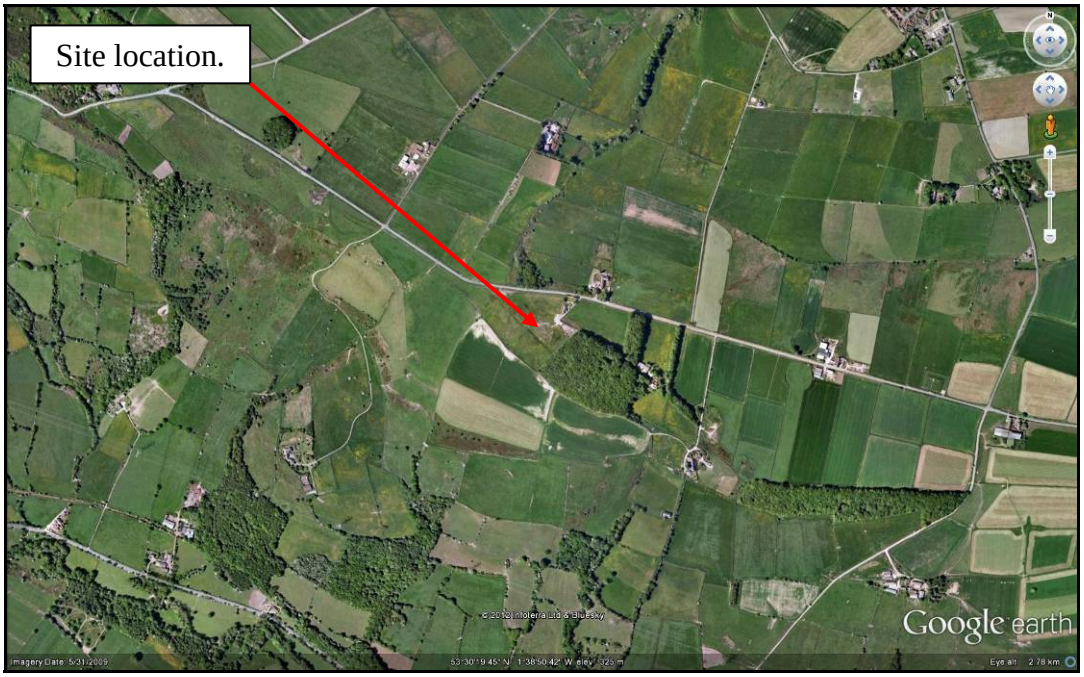
3.1.7. There are no records of designated sites in the area of the site on the MAGIC website.

3.2. The Surveyed Area.

3.2.1. The surveyed area was the proposed location of a new wind turbine adjacent to Little Doubting Farm and the surrounding land. The proposed wind turbine location is marked on the plan below.



3.2.2. The land surrounding the site is predominantly open farmland on the edge of the Pennines with the town of Penistone to the north.



3.3. Description of Habitats.

3.3.1. Appendix XI of this report contains annotated maps marked up with the varying habitats that are cross referenced to target notes in Appendix XII of this report. The habitats on and adjacent to the site are:-

- Fences.
- Walls.
- Bare ground.
- Buildings.
- Improved grassland.
- Scattered scrub.
- Semi natural broad leaf woodland.

3.3.2. Fences: The site is a free range chicken farm and therefore the majority of the site boundaries are marked by a double 2m high post and wire fence.



3.3.3. Walls: There are occasional dry stone walls running around the boundaries of the site. The stone walls are predominantly fenced around the boundaries of the site although there is one section un-fenced dry stone running along an internal field boundary.



3.3.4. Bare ground: There is an area of bare earth adjacent to the buildings on the site. The area has been picked clean of vegetation and trampled by chickens.



3.3.5. There is also an area of bare ground that make up the access road to the site. This area comprises compacted stone and is used for storage and parking.

3.3.6. Buildings: There are several buildings around the site although none of the buildings lie closer than 100m from the proposed turbine location. The buildings comprise chicken pens and storage sheds constructed from a metal frame with wooden clad walls and low pitched corrugated tin roofs.



3.3.7. Little Doubting farmhouse also lies approximately 100m from the proposed turbine location. The farmhouse is constructed from stone with tiled pitched roofs.

3.3.8. Improved grassland: The main area of the site and the land immediately surrounding the proposed turbine location is improved grassland, the field used for the chickens. The grass comprises perennial rye grass (*Lolium perenne*), wavy hair grass (*Deschampsia flexuosa*) and Yorkshire fog (*Holcus lanatus*) with areas of white clover (*Trifolium repens*) and rush (*Juncus sp*) where wet.



3.3.9. Scattered scrub: There are small mounds of soil running along the sides of the access road and parking area. The mounds have become overgrown with areas of scattered scrub comprising perennial rye grass (*Lolium perenne*), thistle (*Cirsium sp*), oxeye daisy (*Leucanthemum vulgare*), dock (*Rumex sp*), dog rose (*Rosa canina*), yarrow (*Achillea millefolium*) and occasional areas of poppy (*Papaver rhoeas*).



3.3.10. Semi natural broad leaf woodland: To the east of the site there is an area of woodland, Doubting Plantation, bordering the site. The woodland could not be accessed during this survey although it was possible to see that the woodland comprises predominantly beech (*Fagus sylvatica*) and sycamore (*Acer pseudoplantus*) with an understory of grass.



3.4. Description of Fauna.

3.4.1. No badger setts or other badger field signs were identified within the surveyed area.

3.4.2. No watercourses that would provide a suitable habitat for water voles, otters or crayfish were identified within the surveyed area or the immediately surrounding area.

3.4.3. No mature trees or derelict buildings that would provide suitable bat roosting sites were identified within the area of the proposed turbine.

3.4.4. There are buildings and trees in the land surrounding the site although the closest building lies approximately 100m from the proposed turbine site. Therefore a thorough bat survey of the buildings was not carried out during this survey. However, a bat survey was carried out in 2010 in connection with the proposed conversion of

the buildings on the site to residential use. That survey identified no bat activity over the site.

3.4.5. The land around the site may provide a suitable foraging habitat for bats although the land immediately surrounding the proposed turbine location does not provide suitable flight lines or foraging areas for bats. The closest potential flight line is the woodland edge approximately 110m from the turbine location.

3.4.6. No ponds were identified within 500m of the site whilst on site or on a map of the area. Therefore the site does not provide a suitable habitat for great crested newts.

3.4.7. No invasive non native plant species listed on Schedule 9 of the Wildlife and Countryside Act 1981 were identified within the surveyed area.

3.4.8. The land immediately surrounding the proposed turbine location is short improved grassland only and does not provide a suitable nesting habitat for ground nesting birds because the area is regularly trampled and picked over by chickens.

3.4.9. The vegetation and buildings around the site will provide a suitable nesting habitat for birds although no nests were identified during this survey of the site.

3.4.10. The improved grassland of the site does not provide a suitable habitat for reptiles due to a lack of suitable refugia and the presence of chickens on the land on a regular basis.

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4. EVALUATION OF FINDINGS.

4.1. The desktop data search results from BBRC returned records of various Natural Heritage sites and SSSI's in the area of the site although the sites lies far enough from the site to remain completely unaffected by the proposed erection of the wind turbine. The closest Natural Heritage site is 400m to the west and the SSSI 540m from the site and lower down in the valley below. The wind turbine will therefore have no impact on these sites.

4.2. The habitats on the area are common habitats found in abundance in the area around the site with no local or UK BAP habitats identified within or immediately surrounding the proposed turbine location.

4.3. No badger setts or other badger field signs were identified within the surveyed area. Therefore the wind turbine will not have an impact on badgers.

4.4. No watercourses that would provide a suitable habitat for water voles, otters or crayfish were identified within the surveyed area. Therefore the wind turbine will not have an impact on these species.

4.5. The proposed wind turbine site and immediate surrounding area does not provide any suitable opportunities for roosting bats. Therefore the wind turbine will not have a direct impact on roosting bats.

4.6. The area immediately surrounding the proposed wind turbine site does not provide suitable flight lines or foraging areas for bats a fact confirmed during the previous dusk emergence survey in 2010. The closest potential flight line lies along the woodland edge, over 100m from the wind turbine site and therefore the wind turbine will not have an impact on foraging bats and there will be no fragmentation of suitable foraging habitats caused by the works.

4.7. No ponds were identified within 500m of the site whilst on site or on a map of the area. Therefore the site does not provide a suitable habitat for great crested newts and the wind turbine will have no impact on the species.

4.8. No invasive non native plant species listed on Schedule 9 of the Wildlife and Countryside Act 1981 were identified within the surveyed area. Therefore there will be no risk of plant species being spread during the erection of the wind turbine.

4.9. The land immediately surrounding the proposed wind turbine location does not provide a suitable nesting habitat for birds and therefore there will be no direct impact on nesting birds during the erection of the wind turbine.

4.10. The vegetation and buildings around the site may provide a suitable nesting habitat for birds during the nesting season, which extends from March to September each year, although there will be no impact on these areas during the erection of the wind turbine. The data search results provide records of common species but no records of migratory species over the site or the surrounding area.

4.11. The improved grassland field does not provide a suitable habitat for reptiles and therefore there will be no impact on reptiles during the erection of the turbine.

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5. RECOMMENDATIONS.

The proposed wind turbine will not have an impact on any designated sites, BAP habitats or fauna species and therefore there are no recommendations regarding the erection of the turbine.

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Prepared by:	
Steven Whitcher, MIEEM.	Date: 28th August 2012.

Checked by:	
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Appendix I.

BADGER INFORMATION.

The following background information on the territorial behaviour, ecology and legal protection of badgers is provided to enable the reader to more clearly understand the contents of this report.

1. Territoriality.

Badgers live in social groups called clans and are territorial. Each clan territory can vary considerably in size, from 0.2 sq. km to 1.5 sq. km. The average number of badgers in a clan has been calculated to be six but this number can vary between two and twenty badgers. In areas with a significant badger population there will be contiguous clans and a well-defined boundary between clan territories will exist with the badgers scent marking their boundary with areas of dung pits, called latrines. In areas with relatively low badger populations there will be less competition for territory and the amount of territorial markings will be low or even non-existent.

Territorial boundaries can be defined using a technique called bait marking. Over a two-week period badgers are fed at their main setts with food containing coloured plastic pellets, a different colour at each main sett. The colour of pellet found in dung pits and territorial latrines shows what areas each clan of badgers is occupying.

2. Ecology.

Badgers are omnivorous but their preferred food source is worms and insects. Worms are most abundant in well-grazed pastureland while mixed woodland is a good source of insects and grubs. Badgers have a soft and supple nose with which they snuffle into the ground to find insects. When they do this they leave distinct round holes known as snuffle holes or grubbings. Badgers easily find worms on the surface of well-grazed pastureland and often leave no visible indications of this foraging.

The badger's most important sense is that of smell. They will use particular paths around their territory repeatedly, following a scent trail from previous use. As a result badger paths become well worn. These paths are important to the badgers and obstruction to these paths will interfere with the badger's movement around their territory.

Badgers mate at any time of year but delayed implantation controls the time of birth. Most cubs are born between January and March but they can be born at any time between December and June. An average of two to three badger cubs are born to each sow and will initially be totally dependent on their mother. Cubs do not appear above ground until during April or May when they are 8 – 10 weeks old and are not fully weaned until June of each year.

3. Badger Setts.

A badger sett is any structure or place, which displays signs of current or seasonal use by a badger. Within a badger clan territory there can be several badger setts, which are categorised in the following ways.

Main Sett. There will normally be one main sett in a territory. This will generally be the largest sett in the territory, typically with five or more entrances, will be permanently occupied throughout the year and used as the breeding sett.

Outlying Sett. These are the smallest setts with generally only one or two entrances. They are intermittently occupied and there can be any number in a territory.

Annex Sett. A sett of intermediate size, located close to the main sett and connected by well-defined paths. These are occupied for prolonged periods and may be used as a second breeding sett if there are two breeding sows in the clan.

Subsidiary Sett. A sett of intermediate size, similar to an annex sett but located at some distance from the main sett and not connected to the main sett by defined paths.

4. Legislation

Badgers and their setts are protected by the Protection of Badgers Act 1992. Under the Act it is illegal to:-

- Willfully kill, injure or take a badger or attempt to do so.
- Cruelly ill-treat a badger.
- Interfere with a sett by doing any of the following:-
    - (i) damaging a badger sett or any part of it
    - (ii) destroying a badger sett
    - (iii) obstructing access to a badger sett
    - (iv) causing a dog to enter a sett
    - (v) disturbing a badger while it is occupying a sett.

Penalties for offences under the Act are up to six months in prison and a fine of £5,000 for each offence.

Disturbance to a badger in a sett can be caused by working close to a sett.

Before any work goes ahead which will cause damage to setts or disturbance to badgers, a licence will be needed from Natural England in accordance with their guidelines. To obtain a licence an application must be made giving at least one months notice. This application must include full justification for the work, the manner in which any work is to be carried out, full supporting information and a named person capable of carrying out specialised badger work, to supervise that licence. Natural England will normally only issue such licences for work to be carried out between the months of July and October inclusive, to avoid the breeding season, although exceptions may be possible if a sound justification can be made.

Appendix II. WATER VOLE INFORMATION.

It is necessary to understand a little about water voles, their basic nature, ecology and legal protection in order to evaluate the findings of this report.

The water vole is the largest of the British voles. It lives in a series of holes or burrows at the waters edge and can be found along the banks of ditches, streams, rivers, lakes and canals. Although water voles live in colonies, the breeding females are territorial, each defining their contiguous territory with latrines during the breeding season. This lasts from March to October.

The water vole is herbivorous, feeding primarily on the lush aerial stems and leaves of waterside plants growing along side the watercourse. Its activity is normally confined to the area within two metres of the watercourse. Bankside vegetation in this area is not only essential for food but also for cover from predators.

The water vole population has been on the decline in recent years. This is partly due to loss of suitable riverside habitats but also due to the increasing population of predators, particularly the escaped American mink. Population decline has been dramatic and has accelerated over the last seven years. Surveys carried out by the Vincent Wildlife Trust show a loss of 67% of occupied sites and of 88% of the remaining population in the last seven years.

The water vole has received limited legal protection since April 1998 when it was included in Schedule 5 of the Wildlife and Countryside Act 1981. Section 9(4) of the Act protects the water vole's place of shelter or protection but does not protect the water vole itself.

From the 6th April 2008 water voles received an increased level of protection, becoming fully covered by the provisions of section 9 of the Wildlife and Countryside Act 1981 (as amended).

Full legal protection under the Act makes it an offence to:

- Intentionally kill, injure or take water voles.
- Possess or control live or dead water voles or derivatives.
- Intentionally or recklessly damage, destroy or obstruct access to any structure or place used for shelter or protection.
- Intentionally or recklessly disturb water voles whilst occupying a structure or place used for that purpose.
- Sell water voles or offer or expose for sale or transport for sale.
- Publish or cause to be published any advertisement which conveys the buying or selling of water voles.

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Appendix III. OTTER INFORMATION.

It is necessary to understand a little about otters, their basic nature, ecology and legal protection in order to evaluate the findings of this report.

Otters are nocturnal and are active all year round. They are large with an adult male reaching 1.2m from nose to tail and weighing about 10kg.

Otters live by undisturbed waters where there is plenty of cover, mostly by freshwater lakes, rivers and quiet small streams as well as some coasts.

Fish are the otter's main source of food, especially eels and they therefore rely on good fish populations. They also eat amphibians and the occasional bird and small mammal.

An otter may use over 40km of river and needs many resting places throughout this range. A female otter will give birth to 1 to 3 cubs in a natal holt which is often away from the main river and must be completely undisturbed.

Generally the only evidence seen of the otter is its faeces or 'spraint', which are deposited along a watercourse in prominent positions.

Once found throughout Britain, most of our otter populations crashed in the 1960's due to poisoning from agricultural pesticides which drained into our river systems. Although this threat has passed and otter numbers are slowly beginning to recover, they are still subject to a number of serious pressures.

- Habitat loss through intensive river management for drainage and flood defence and due to agriculture and urban development.
- Inadequate food supplies, mainly fish.
- Disturbance of breeding sites by people and especially dogs.
- Low water quality and low river flows.
- Roads which cross or run alongside, rivers.

The UK Biodiversity Plan (BAP) contains an otter Species Action Plan (SAP) aimed at maintaining its existing range and population status, as well as increasing the number of populations through re-colonisation.

The otter is listed on Appendix 1 of CITES, Appendix II of the Bern Convention and Annexes II and IV of the Habitats Directive. It is protected under Schedule 5 of the WCA 1981 and Schedule 2 of the Conservation (Natural Habitats, etc.) Regulations, 1994 (Regulation 38). The European sub-species is also listed as globally threatened on the IUCN/WCMC RDL.

39.—(1) It is an offence-

(a) deliberately to capture or kill an otter;

(b) deliberately to disturb an otter;

(c) to damage or destroy a breeding site or resting place of an otter.

Appendix IV. BAT INFORMATION.

It is necessary to understand a little about bats, their basic nature, ecology and legal protection in order to evaluate the findings of this report.

Over 15 species of bat have been recorded in Britain. These fall into two families, the horseshoe bats and the 'ordinary bats'. They are extremely difficult to identify in the hand and even more so in flight.

All appear to be diminishing in numbers, probably due to shortage of food, caused by pesticides, as insects are their sole diet, and habitat change.

As their diet consists solely of insects, bats hibernate during the winter when their food source is at its most scarce. They will spend the winter in hollow trees, caves, mines and the roofs of buildings.

Certain species, particularly the pipistrelle (the commonest and most widespread British bat) can quickly adapt to man made structures and will readily use these to roost and to rear their young.

Bats are protected under the Wildlife and Countryside Act 1981, The Habitats Regulations 1994 and the Countryside & Rights of Way Act 2000.

It is an offence to intentionally or recklessly kill, injure or capture or disturb bats or to damage, destroy or obstruct access to any place used by bats for shelter or protection.

A breeding or resting site of any bat is known as a bat roost. A bat roost is therefore any structure a bat uses for shelter or protection. Because bats tend to use the same roosts each year, legal opinion is that the roost site is protected whether or not the bats are present at that time.

Bat roosts can be identified by looking for:-

- Suitable holes, cracks and crevices.
- Bat droppings.
- Prey remains.
- By carrying out night observations using a bat detector.

Where development proposals are likely to affect a bat roost site, a licence is required from Natural England.

The person applying for that licence has to be suitably qualified and experienced in bat matters. That person is then responsible for ensuring that the measures contained in the licence are carried out.

Appendix V.

BACKGROUND GREAT CRESTED NEWT INFORMATION.

The great crested newt population has suffered a major decline in Britain over the last century. Numerous ponds have been lost, unmanaged ponds have become silted up and over-shaded, development has destroyed ponds and associated terrestrial habitat and caused fragmentation of populations. The loss of grassland, scrub and woodland has resulted in fewer opportunities for foraging, dispersal and hibernation.

The UK Biodiversity Plan (BAP) contains a great crested newt Species Action Plan (SAP) aimed at maintaining its existing range and population status, as well as increasing the number of populations through re-colonisation.

The great crested newt is listed on Schedule 5 of the Wildlife and Countryside Act 1981, recently modified by the Countryside and Rights of Way Act 2000.The great crested newt is therefore subject to the provisions of Schedule 9, which make it an offence to:

- Intentionally kill, injure or take a great crested newt.
- Possess or control any live or dead specimen or anything derived from a great crested newt.
- Intentionally or recklessly damage, destroy or obstruct access to any structure or place used for shelter or protection by a great crested newt.
- Intentionally or recklessly disturb a great crested newt while it is occupying a structure or place, which it uses for that purpose.

The great crested newt is also listed on Annex II and Annex IV of The Conservation (Natural Habitats &c) Regulations 1994. Regulation 39 makes it an offence to:

- Deliberately capture or kill a great crested newt
- Deliberately disturb a great crested newt.
- Deliberately take or destroy the eggs of a great crested newt.
- Damage or destroy a breeding site or resting place of a great crested newt.

The legislation applies to all life stages of great crested newts.

The maximum fine on conviction of offences under Section 9 and Regulation 39 currently stands at £5,000. The CroW Act 2000 amendment also allows for a custodial sentence of up to six months instead of, or in addition to, a fine. In addition, items, which may constitute evidence of the commission of an offence, may be seized and detained.

In order to understand the potential effects of development it is essential to understand a little of the great crested newt ecology.

Great crested newts breed in ponds and other water bodies. They can begin to migrate to their breeding ponds as early as the first frost-free days in late January with the majority reaching their breeding ponds by mid March. Timing will be influenced by a number of factors, mainly evening temperatures above 5C and recent rain.

The peak egg-laying period is from mid-March to mid-May. The newts will lay their eggs individually, mainly on the leaves of submerged plants. The larva hatch after three weeks and then take another 2-3 months to complete larval development. Adult newts generally leave their breeding ponds from late May onwards.

Once the larvae have completed metamorphosis (the transition from aquatic larvae to land-adapted juveniles, called efts), they emerge from the pond. This emergence begins in late August and generally continues until late October. It takes 2-4 years to reach sexual maturity, during which time the newts will be land based.

Adults and immature newts spend the winter in places that afford protection from frost and flooding. This will generally be underground amongst tree roots, in mammal burrows, or under suitable refuges above ground like deadwood or rubble piles. Hibernation may last from October to February.

Whilst on land, outside the hibernation period, great crested newts will forage at night, taking a wide range of invertebrate prey.

From the above, it can be seen that great crested newts spend the majority of their time on land and only visit the ponds for breeding purposes. As a result, surveys need to be timed very carefully. Terrestrial surveys are very inaccurate and the only time that surveys can be truly thorough is in the narrow window of opportunity between March and September.

Great crested newts will travel large distances between ponds and terrestrial refuges. It is recommended that anywhere within 500m of a pond should be treated as potential great crested newt habitat and should be surveyed and evaluated.

An experienced surveyor must carry out the surveys and must be in possession of an appropriate Natural England great crested newt survey licence.

It is essential that great crested newt surveys are planned well in advance of any development and ideally before Planning Consent is sought. Surveys can only be carried out at the appropriate time of year and repeat surveys are essential. The guidelines suggest that between four and six surveys need to be carried out, three of these between mid-March and mid-June.

If great crested newts are to be effected by any development, a thorough assessment of the population is essential followed by the design of a comprehensive mitigation package. Only when this has been done can a licence application be submitted to Natural England for approval. It takes 30 working days for a licence application to be determined and the period of time that mitigation measures take can be measured in months. It is therefore essential to plan well in advance of development commencing.

Appendix VI. CRAYFISH INFORMATION.

It is necessary to understand a little about crayfish, their basic nature, ecology and legal protection in order to evaluate the findings of this report.

Crayfish are the largest and most mobile freshwater invertebrate. The white-clawed crayfish *(Austropotamobius pallipes)* is the only native crayfish and this is protected under European and UK legislation.

White clawed crayfish are generally found in areas with relatively hard, mineral rich waters on calcareous and rapidly weathering rocks. They can be found in a wide variety of environments including canals, streams, rivers, lakes reservoirs and water-filled quarries.

White clawed crayfish are typically found in water between 0.75 and 1.25m deep but can occur in very shallow streams with as little water as 50mm and in deeper, slow flowing rivers. They are typically found under rocks and submerged logs or among tree roots and in river-banks. White clawed crayfish are omnivorous but primarily carnivorous eating macro invertebrates and carrion when available. They will also eat worms, insect larvae, snails, small fish, macrophytes, algae and calcified plants.

Crayfish can live for up to ten years and generally reach sexual maturity after three to four years. Breeding takes place between September and November when the water temperature drops consistently to below ten degrees centigrade. Females over winter with a clutch of eggs held beneath their tail. These may number from 20 to 120 and hatch on the female. The juveniles are released from the mother from June in the south to August in the north.

The main threat to the indigenous white-clawed crayfish is the spread of introduced non indigenous species, particularly the larger, faster growing and aggressive North American signal crayfish *(pacifastacus leniusculus).* They are also vulnerable to disease, particularly porcelain disease and crayfish plague, and the latter carried by the signal crayfish.

Crayfish are also extremely vulnerable to pollution incidents, particularly those involving biocides, silage and sheep dip.

As a result, white-clawed crayfish are endangered across most of its range and has been given protection under both European and UK legislation.

The white-clawed crayfish is listed on Annex V of the Habitats Directive (EEC 1992), which means that Member States should take measures to ensure that the taking of white-clawed crayfish in the wild is compatible with their being maintained at a favourable status.

In 1998, the white-clawed crayfish was added to Schedule 5 of the Wildlife and Countryside Act giving it partial protection in relation to Section 9(1) as far as it relates to taking and in respect of Schedule 9(5). It is therefore an offence to

intentionally take any white-clawed crayfish from the wild and an offence to sell wild crayfish.

Licences are available from English Nature to allow the taking of white-clawed crayfish for certain specified purposes, including scientific or educational purposes and for conservation purposes. An English Nature survey licence is required where any survey is aimed at finding white-clawed crayfish and involves handling them for counting or identification purposes.

An English Nature Conservation Licence is required for the purpose of conserving white-clawed crayfish or introducing them to particular areas.

Non indigenous crayfish species are also covered under the wildlife and Countryside Act 1981. Section 14 makes it an offence for any person to (a) release or allow to escape, any wild animal which is of a kind not ordinarily resident in or a regular visitor to Great Britain in a wild state or; (b) is included in Schedule 9 of the Wildlife and Countryside Act.

Three species of non-indigenous crayfish are listed on Schedule 9. These are the signal crayfish *(Pacifastacus leniusculus),* the narrow clawed crayfish *(Astacus leptodacylus)* and the noble crayfish *(Astacus astacus).* Any of these three species found during a survey cannot be returned to the wild.

Appendix VII. SCHEDULE 9 INVASIVE PLANT SPECIES.

1. Schedule 9 of the Wildlife and Countryside Act 1981 contains a list of invasive species of plant. Species listed under Schedule 9 are prohibited from release into the wild. Schedule 9, Section 14(2) prohibits 'planting' or 'causing to grow' in the wild of any plant listed in Part 2 of Schedule 9.

2. The following is a list of all the species of plant listed under Schedule 9 of The Wildlife and Countryside Act 1981.

Common Name	***Latin Name***
Alexanders, Perfoliate	*Smyrnium perfoliatum*
Algae, Red	*Grateloupia luxurians*
Archangel, Variegated Yellow	*Lamiastrum galeobdolon subsp. Argentatum*
Azalea, Yellow	*Rhododendron luteum*
Balsam, Himalayan	*Impatiens glandulifera*
Cotoneaster	*Cotoneaster horizontalis*
Cotoneaster, Entire Leaved	*Cotoneaster integrifolius*
Cotoneaster, Himalayan	*Cotoneaster simonsii*
Cotoneaster, Hollyberry	*Cotoneaster bullatus*
Cotoneaster, Small Leaved	*Cotoneaster microphyllus*
Creeper, False Virginia	*Parthenocissus inserta*
Creeper, Virginia	*Parthenocissus quinquefolia*
Dewplant, Purple	*Disphyma crassifolium*
Fanwort (Carolina Water-Shield)	*Cabomba caroliniana*
Fern, Water	*Azolla filiculoides*
Fig, Hottentot	*Carpobrotus edulis*
Garlic, Three-cornered	*Allium triquetrum*
Hyacinth, Water	*Eichhornia crassipes*
Kelp, Giant	*Macrocyctis pyrifera*
Kelp, Giant	*Macrocystis angustifolia*
Kelp, Giant	*Macrocystis intergrifolia*
Kelp, Giant	*Macrocystis laevis*
Kelp, Japanese	*Laminarial japonica*
Knotweed, Giant	*Fallopia sachalinensis*

Knotweed, Hybrid	*Fallopia japonica x Fallopia sachalinensis*
Knotweed, Japanese	*Fallopia japonica*
Leek, Few-flowered	*Allium paradoxum*
Lettuce, Water	*Pistia stratiotes*
Montbretia	*Crocosmia x crocosmiiflora*
Parrot's Feather	*Myriophyllum aquaticum*
Pennywort, Floating	*Hydrocotyle ranunculoides*
Potato, Duck	*Sagittaria latifolia*
Primrose, Floating Water	*Ludwigia peploides*
Primrose, Water	*Ludwigia grandiflora*
Primrose, Water	*Ludwigia uruguayensis*
Rhododendron	*Rhododendron ponticum*
Rhododendron	*Rhododendron ponticum x Rhododendron maximum*
Rhubarb, Giant	*Gunnera tinctoria*
Rose, Japanese	*Rosa rugosa*
Salvinia, Giant	*Salvinia molesta*
Seafingers, Green	*Codium fragile*
Seaweed, Californian Red	*Pikea californica*
Seaweed, Hooked Asparagus	*Asparagopsis armata*
Seaweed, Japanese	*Sargassum muticum*
Seaweeds, Laver (except native species)	*Porphyra spp except*
	p. amethystea
	p. leucosticte
	p. linearis
	p. miniata
	p. purpurea
	p. umbilicalis
Stonecrop, Australian Swamp (New Zealand Pygmyweed)	*Crassula helmsii*
Wakame	*Undaria pinnatifida*
Waterweed, Curly	*Lagarosiphon major*
Waterweeds	*All species of the genus Elodea*

3. The Government has acknowledged the problems that can be caused by non-native invasive species. In 2008 the Government launched "The Invasive Non-Native

Species Framework Strategy for Great Britain". The strategy provides a framework for a more co-ordinated approach to invasive species management. It seeks to create a stronger sense of shared responsibility across government, key orgainisations, land managers and the public.

4. The Non Native Species Secretariat has been established to oversee the implementation of the strategy. Details of the secretariat including risk assessments and action plans for some species are available at www.nonnativespecies.org.

5. In general there are four basic methods of controlling weeds; mechanical, chemical, natural and environmental.

5.1. Mechanical control includes cultivation, hoeing, pulling, cutting, raking dredging or other methods to uproot or cut weeds.

5.2. Where this method is used all plant material must be considered "controlled waste" and must be disposed properly.

5.3. Chemical control uses approved herbicides.

5.4. Natural control uses pests and diseases of the target weed to weaken it and prevent it from becoming a nuisance.

5.5. Environmental control works by altering the environment to make it less suitable for weed growth, for example by increasing or decreasing water velocity.

Appendix VIII. NESTING BIRD INFORMATION.

It is necessary to understand a little about the legal protection offered to nesting birds in order to evaluate the findings of this report.

Part 1.-(1) Of the Wildlife and Countryside Act 1981states that:-

If any person intentionally:-

(a) kills, injures or takes any wild bird;
(b) takes, damages or destroys the nest of any wild bird while that nest is in use or being built; or
(c) takes or destroys an egg of any wild bird,

he shall be guilty of an offence.

Part 1.-(5) of the Act states that:-

If any person intentionally:-

(a) disturbs any wild bird included in Schedule 1 while it is building a nest or is in, on, or near a nest containing eggs or young; or
(b) disturbs dependant young of such a bird,

he shall be guilty of an offence and liable to a special penalty.

The Countryside and Rights of Way Act 2000 amends the above by inserting after “intentionally” the words “or recklessly”.

The nesting season will vary according to the weather each year but generally commences in March, peaks during May and June and continues until September.

It is also worth remembering that some birds nest in trees, scrub and buildings but others are ground nesting.

The best way to avoid this issue is to plan for vegetation clearance to be carried out outside the bird-nesting season.

Appendix IX.

REPTILES - GRASS SNAKE AND ADDER INFORMATION.

The grass snake (*Natrix natrix*)and the adder (*Vipera berus*)are the two most common snakes to be found in the UK. Adders are found all over Britain while the grass snake becomes rarer towards the north and are rarely found in Scotland.

The grass snake is usually around 120cm long, live in a variety of rough habitats and lay their eggs in warm rotting vegetation. The background colour is dark green and the body is marked with vertical black bars and spots that run along its sides. There is generally a dark collar marking.

The adder is the only native species that is venomous but this is rarely harmful to humans. Adult adders are generally up to 66cm long. Background colouration is a light shade of grey or brown with a black zigzag marking along the length of the back. As with all reptiles, colouration varies and becomes duller as sloughing (skin shedding) approaches.

Both snakes hibernate, spending the winter in burrows or under logs protected from the cold and predators. Maintaining the right body temperature is vital to reptiles' survival. In the morning, they find a warm basking site to heat up their bodies, then later they may move back into the shade because they do not sweat and have to be careful not to overheat. During hot summers, adders will try to move to damper, cooler sites.

Both snakes are protected under schedule 5 of the Wildlife and Countryside Act 1981. They received greater protection following reviews of the schedules published in 1988 and 1991. This means they are protected against intentional or recklessly killing and injuring and against sale or transporting for sale.

Appendix X. REPTILES - LIZARD INFORMATION.

The common or viviparous lizard (*Lacerta vivipara*) is one of three species of lizard that occur in the UK. They have a dry scaly skin and are variable in colour ranging from brown or yellow-brown to almost green with varying patterns of spots or stripes. The typical length of an adult is 150mm, including the tail.

Common lizards hibernate over the winter, emerging from February onwards depending upon the weather. They begin to mate in April and May and the young are born in late July or August. The lizard gives birth to live young, hence the term viviparous, meaning live bearing.

The lizards draw their body warmth from the sun and consequently spend long periods basking in the sun. They are commonly seen on road and railway embankments and on walls where they sit for long periods soaking up the heat of the sun before going to find food.

They occupy a wide range of habitats including woodland, marshes, heathland, moors, sand dunes, hedgerows and bogs.

Common lizards hunt insects, spiders, snails and earthworms. They stun their prey by shaking it and then swallow it whole.

At night, and when startled, they will shelter beneath logs or stones or under other refuges that may be available.

Common lizards are protected under schedule 5 of the Wildlife and Countryside Act 1981. They received greater protection following reviews of the schedules published in 1988 and 1991. This means they are protected against intentional or recklessly killing and injuring and against sale or transporting for sale.

Common lizards should not be confused with the somewhat larger sand lizard (*Lacerta agilis*). These are typically 190mm long and stockier than the common lizard. Their marking are distinctly different being considerably more colourful. Sand lizards are confined to moorland and coastal sand dunes where they lay their eggs in the warm sand. The range of the sand lizard in the UK is therefore very limited. Sand lizards are a European protected species.

The third species of lizard is the slow worm *(Anguis fragilis)*, which is frequently mis-identified as a snake. The firm body of the slow worm is distinctly cylindrical in shape and the tiny smooth scales result in a very smooth, shiny appearance. Colouration is typically a uniform grey to brown although there is a wide variation from straw coloured to almost black and some animals have very fine stripes or a zig-zag along the centre of the back. The typical length of an adult is 400mm.

Slow worms can be found in a wide variety of habitats throughout Britain and is the most likely reptile to be found in urban and suburban environments.

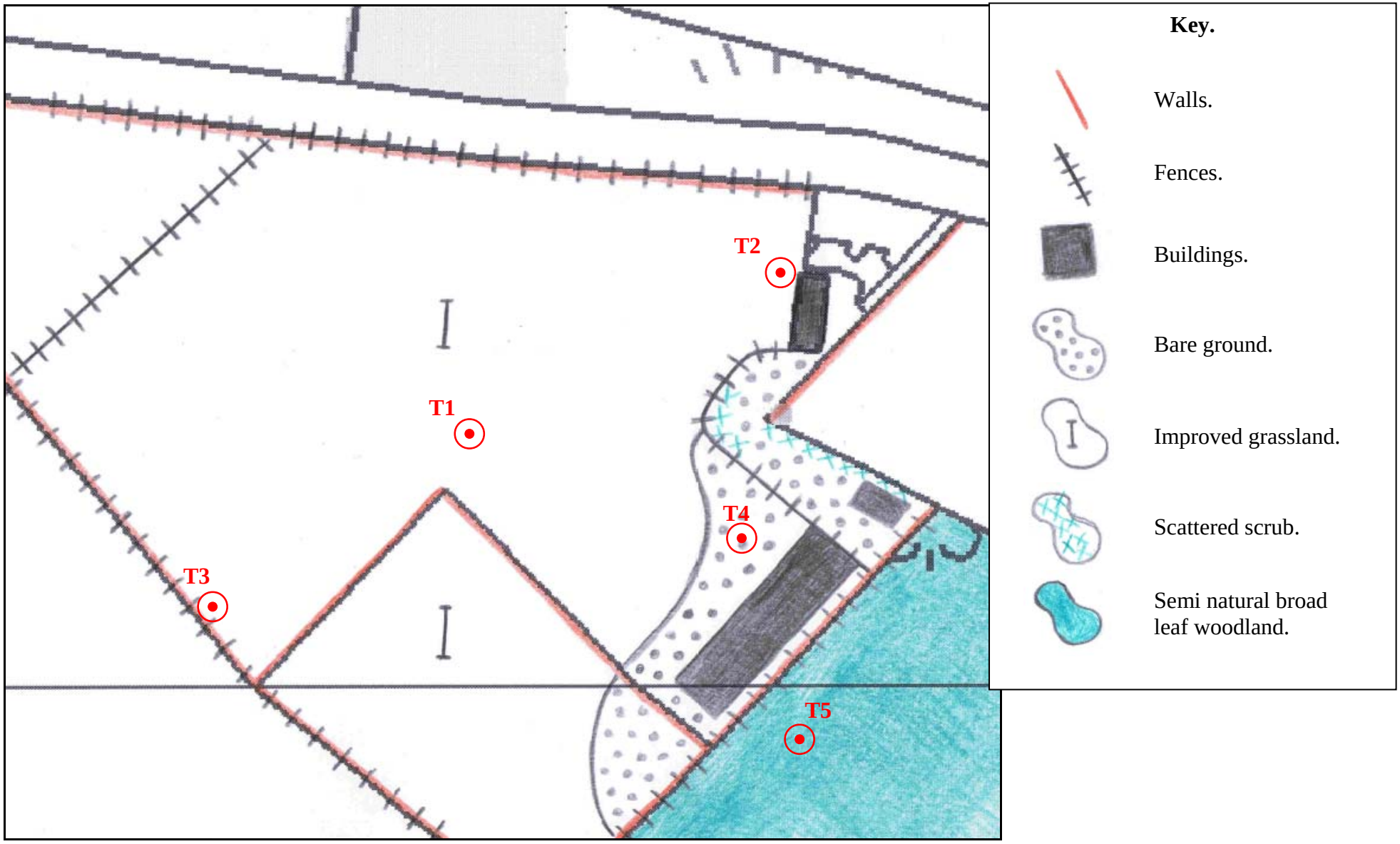
Slow worms hibernate over the winter, emerging from March onwards depending upon the weather. They begin to mate in April and May and six to twelve young are born in August or September.

Their favourite food is slugs but they will also eat insects and spiders.

Slow worms are hard to find. They will bask in the sun but they quickly and quietly move into cover when disturbed and do not generally attract attention as they retreat from a basking spot.

Slow worms are also protected under schedule 5 of the Wildlife and Countryside Act 1981. They received greater protection following reviews of the schedules published in 1988 and 1991. This means they are protected against intentional or recklessly killing and injuring and against sale or transporting for sale.

Appendix XI. ANNOTATED MAP OF THE SURVEY AREA.



Appendix XII. TARGET NOTES.

T1: The proposed wind turbine location lies within an improved grassland field that is regularly trampled and picked over by chickens. The field therefore provides no potential for nesting birds or reptiles.

T2: There are several buildings making up Little Doubting Farm. The buildings may provide a suitable roosting habitat for bats although the closest building lies approximately 100m from the turbine site.

T3: The boundaries of the site are predominantly double post and wire fences because the site is a free range chicken farm.

T4: There are areas of bare ground around the chicken sheds due to the area being regularly trampled and picked over by large numbers of chickens.

T5: There is an area of woodland to the east of the site. The area could not be accessed during this survey although the wood may provide a suitable roosting and foraging site for bats and may also provide a suitable nesting habitat for birds. The woodland will remain unaffected by the proposed wind turbine.

Appendix XIII. DATA SEARCH RESULTS.

Grid Ref	Location Name	Date	Location	Group	Common Name
SE239007	field and quarry pond	13/05/1978	Hunshelf Bank	amphibian	Common Frog
SE227013		02/03/2003	Hartcliff nr Penistone	bird	Sparrowhawk
SE2300	SE20F-3	14/04/2009	'BARNSLEY MBC'	bird	Long-Tailed Tit
SE230013		06/06/1997	fields between Hartcliffe and Green Moor	bird	Skylark
SE231018		22/04/2001	fields between Hartcliff & Penistone	bird	Skylark
SE2300	SE20F-3	14/04/2009	'BARNSLEY MBC'	bird	Skylark
SE229012		14/06/2012	Brock Holes LWS	bird	Swift
SE233012		06/06/1997	fields between Hartcliffe and Green Moor	bird	Linnet
SE2300	SE20F-3	14/04/2009	'BARNSLEY MBC'	bird	Linnet
SE2300	SE20F-3	14/04/2009	'BARNSLEY MBC'	bird	Linnet
SE229012		14/06/2012	Brock Holes LWS	bird	Linnet
SE2300	SE20F-3	14/04/2009	'BARNSLEY MBC'	bird	Goldfinch
SE229012		14/06/2012	Brock Holes LWS	bird	Goldfinch
SE2300	SE20F-3	14/04/2009	'BARNSLEY MBC'	bird	Greenfinch
SE2300	SE20F-3	14/04/2009	'BARNSLEY MBC'	bird	Greenfinch
SE231001		21/01/1996	Valley of River Little Don between Langsett & Midhopestones, SMDC side	bird	Treecreeper
SE231001		21/01/1996	Little Don Valley Langsett-Midhopestones, BMBC	bird	Treecreeper
SE227013		05/11/1995	Brock Holes, Langsett Valley	bird	Woodpigeon
SE228003		21/01/1996	Valley of River Little Don between Langsett & Midhopestones, SMDC side	bird	Woodpigeon
SE228003		21/01/1996	Little Don Valley Langsett-Midhopestones, BMBC	bird	Woodpigeon
SE2300	SE20F-3	14/04/2009	'BARNSLEY MBC'	bird	Woodpigeon
SE2300	SE20F-3	14/04/2009	'BARNSLEY MBC'	bird	Woodpigeon
SE233018		16/11/1997	Ecklands, Don Valley, Penistone to Dunford Bridge	bird	Corvid Species
SE227013		05/11/1995	Brock Holes, Langsett Valley	bird	Carrion Crow
SE233018		16/11/1997	Ecklands, Don Valley, Penistone to Dunford Bridge	bird	Carrion Crow
SE225014		02/03/2003	Hartcliff nr Penistone	bird	Carrion Crow

SE2300	SE20F-3	14/04/2009	'BARNSLEY MBC'	bird	Carrion Crow
SE2300	SE20F-3	14/04/2009	'BARNSLEY MBC'	bird	Carrion Crow
SE20F		22/01/1990	Hartcliff nr Penistone	bird	Rook
SE2300	SE20F-3	14/04/2009	'BARNSLEY MBC'	bird	Jackdaw
SE227004	Hollin Wood	10/01/2012	Hollin and Spring Woods LWS	bird	Jackdaw
SE2300	SE20F-3	14/04/2009	'BARNSLEY MBC'	bird	Yellowhammer
SE2300	SE20F-3	14/04/2009	'BARNSLEY MBC'	bird	Yellowhammer
SE2300	SE20F-3	14/04/2009	'BARNSLEY MBC'	bird	Reed Bunting
SE2300	SE20F-3	14/04/2009	'BARNSLEY MBC'	bird	Reed Bunting
SE227005		21/01/1996	Hollin Wood, N side of River Little Don & A616	bird	Robin
SE226004		21/01/1996	Valley of River Little Don between Langsett & Midhopestones, SMDC side	bird	Robin
SE228003		21/01/1996	Valley of River Little Don between Langsett & Midhopestones, SMDC side	bird	Robin
SE227005		21/01/1996	Hollin and Spring Woods LWS	bird	Robin
SE226004		21/01/1996	Little Don Valley Langsett-Midhopestones, BMBC	bird	Robin
SE228003		21/01/1996	Little Don Valley Langsett-Midhopestones, BMBC	bird	Robin
SE2300	SE20F-3	14/04/2009	'BARNSLEY MBC'	bird	Robin
SE227013		05/11/1995	Brock Holes, Langsett Valley	bird	Kestrel
SE2300	SE20F-3	14/04/2009	'BARNSLEY MBC'	bird	Chaffinch
SE2300	SE20F-3	14/04/2009	'BARNSLEY MBC'	bird	Chaffinch
SE2300	SE20F-3	14/04/2009	'BARNSLEY MBC'	bird	Jay
SE2300	SE20F-3	14/04/2009	'BARNSLEY MBC'	bird	Swallow
SE20F		22/01/1990	Hartcliff nr Penistone	bird	Herring Gull
SE20F		22/01/1990	Hartcliff nr Penistone	bird	Black-Headed Gull
SE2300	SE20F-3	14/04/2009	'BARNSLEY MBC'	bird	Pied Wagtail
SE20F		01/04/1988	BTO, Penistone	bird	Curlew
SE2300	SE20F-3	14/04/2009	'BARNSLEY MBC'	bird	Curlew
SE231001		21/01/1996	Little Don Valley Langsett-Midhopestones, BMBC	bird	Coal Tit
SE231001		21/01/1996	Valley of River Little Don between Langsett & Midhopestones, SMDC side	bird	Coal Tit
SE231001		24/02/2002	Langsett Valley	bird	Coal Tit

SE228003		21/01/1996	Little Don Valley Langsett-Midhopestones, BMBC	bird	Blue Tit
SE228003		21/01/1996	Valley of River Little Don between Langsett & Midhopestones, SMDC side	bird	Blue Tit
SE227003		24/02/2002	Langsett Valley	bird	Blue Tit
SE227003		24/02/2002	Langsett Valley	bird	Blue Tit
SE227003		24/02/2002	Langsett Valley	bird	Blue Tit
SE2300	SE20F-3	14/04/2009	'BARNSLEY MBC'	bird	Blue Tit
SE227003		24/02/2002	Langsett Valley	bird	Great Tit
SE227003		24/02/2002	Langsett Valley	bird	Great Tit
SE227003		24/02/2002	Langsett Valley	bird	Great Tit
SE227002	Hollin Wood	10/01/2012	Hollin and Spring Woods LWS	bird	Great Tit
SE2300	SE20F-3	14/04/2009	'BARNSLEY MBC'	bird	Pheasant
SE2300	SE20F-3	14/04/2009	'BARNSLEY MBC'	bird	Willow Warbler
SE2300	SE20F-3	14/04/2009	'BARNSLEY MBC'	bird	Magpie
SE227013		05/11/1995	Brock Holes, Langsett Valley	bird	Green Woodpecker
SE2300	SE20F-3	14/04/2009	'BARNSLEY MBC'	bird	Green Woodpecker
SE226004		21/01/1996	Valley of River Little Don between Langsett & Midhopestones, SMDC side	bird	Goldcrest
SE226004		21/01/1996	Little Don Valley Langsett-Midhopestones, BMBC	bird	Goldcrest
SE2300	SE20F-3	14/04/2009	'BARNSLEY MBC'	bird	Nuthatch
SE233018		16/11/1997	Ecklands, Don Valley, Penistone to Dunford Bridge	bird	Starling
SE233018		16/11/1997	Ecklands, Don Valley, Penistone to Dunford Bridge	bird	Starling
SE2300	SE20F-3	14/04/2009	'BARNSLEY MBC'	bird	Wren
SE231001		21/01/1996	Valley of River Little Don between Langsett & Midhopestones, SMDC side	bird	Redwing
SE231001		21/01/1996	Little Don Valley Langsett-Midhopestones, BMBC	bird	Redwing
SE227005		21/01/1996	Hollin Wood, N side of River Little Don & A616	bird	Blackbird
SE227005		21/01/1996	Hollin and Spring Woods LWS	bird	Blackbird
SE227003		24/02/2002	Langsett Valley	bird	Blackbird
SE227003		24/02/2002	Langsett Valley	bird	Blackbird

SE227003		24/02/2002	Langsett Valley	bird	Blackbird
SE2300	SE20F-3	14/04/2009	'BARNSLEY MBC'	bird	Blackbird
SE230003	Spring Wood	10/01/2012	Hollin and Spring Woods LWS	bird	Blackbird
SE2300	SE20F-3	14/04/2009	'BARNSLEY MBC'	bird	Song Thrush
SE20F		22/01/1990	Hartcliff nr Penistone	bird	Fieldfare
SE229012		14/06/2012	Brock Holes LWS	bird	Mistle Thrush
SE20F		22/01/1990	Hartcliff nr Penistone	bird	Lapwing
SE2301		01/03/2002	Cubley	bird	Lapwing
SE2301		01/03/2002	Cubley	bird	Lapwing
SE2300	SE20F-3	14/04/2009	'BARNSLEY MBC'	bird	Lapwing
SE227014	heath	11/07/2012	Brock Holes LWS	centipede	Haplophilus subterraneus
SE226007	TN4 Hollin Wood north	01/07/2010	Hollin and Spring Woods LWS	conifer	Yew
SE227008	TN3 Hollin Wood north	01/07/2010	Hollin and Spring Woods LWS	conifer	Yew
SE227012	marshy grassland	11/07/2012	Brock Holes LWS	crustacean	Porcellio scaber
SE226006	TN5 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	fern	Lady Fern
SE230002	TN11 Spring Wood stream	01/07/2010	Hollin and Spring Woods LWS	fern	Lady Fern
SE225014	TN9 woodland	01/09/2010	Brock Holes LWS	fern	Lady Fern
SE230002	TN11 Spring Wood stream	01/07/2010	Hollin and Spring Woods LWS	fern	Hard Fern
SE228004	scrub to W of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	fern	Hard Fern
SE229013	heath TN3	01/09/2010	Brock Holes LWS	fern	Hard Fern
SE226003	TN7 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	fern	Broad Buckler-Fern
SE226006	TN5 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	fern	Broad Buckler-Fern
SE228004	scrub to W of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	fern	Broad Buckler-Fern
SE226007	TN4 Hollin Wood north	01/07/2010	Hollin and Spring Woods LWS	fern	Broad Buckler-Fern
SE227008	TN3 Hollin Wood north	01/07/2010	Hollin and Spring Woods LWS	fern	Broad Buckler-Fern
SE231004	TN17 Spring Wood	01/07/2010	Hollin and Spring Woods LWS	fern	Broad Buckler-Fern
SE230002	TN11 Spring Wood stream	01/07/2010	Hollin and Spring Woods LWS	fern	Broad Buckler-Fern

SE231004	TN17 Spring Wood	01/07/2010	Hollin and Spring Woods LWS	fern	Common Male Fern
SE231005	TN15 marshy grassland to N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	fern	Male Fern
SE230002	TN11 Spring Wood stream	01/07/2010	Hollin and Spring Woods LWS	fern	Male Fern
SE225014	TN9 woodland	01/09/2010	Brock Holes LWS	fern	Male Fern
SE226003	TN7 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	fern	Hart's-Tongue
SE230002	TN11 Spring Wood stream	01/07/2010	Hollin and Spring Woods LWS	fern	Bracken
SE231004	TN17 Spring Wood	01/07/2010	Hollin and Spring Woods LWS	fern	Bracken
SE228004	scrub to W of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	fern	Bracken
SE231004	TN12 clearing Spring Wood	01/07/2010	Hollin and Spring Woods LWS	fern	Bracken
SE226003	TN7 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	fern	Bracken
SE227005	TN6 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	fern	Bracken
SE231004	Spring Wood	01/07/2010	Hollin and Spring Woods LWS	fern	Bracken
SE226006	TN5 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	fern	Bracken
SE226007	TN4 Hollin Wood north	01/07/2010	Hollin and Spring Woods LWS	fern	Bracken
SE225014	TN9 woodland	01/09/2010	Brock Holes LWS	fern	Bracken
SE229013	heath TN3	01/09/2010	Brock Holes LWS	fern	Bracken
SE231004	TN12 clearing Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Sycamore
SE226006	TN5 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Sycamore
SE230002	TN11 Spring Wood stream	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Sycamore
SE226003	TN7 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Sycamore
SE231004	TN17 Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Sycamore
SE225014	TN9 woodland	01/09/2010	Brock Holes LWS	flowering plant	Sycamore
SE227012	TN8 acid grassland	01/09/2010	Brock Holes LWS	flowering plant	Yarrow

SE227008	TN2 grassland N of Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Common Bent
SE227008	TN3 Hollin Wood north	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Common Bent
SE228012	TN5 heath	01/09/2010	Brock Holes LWS	flowering plant	Common Bent
SE227013	TN13 heath	01/09/2010	Brock Holes LWS	flowering plant	Common Bent
SE227013	TN14 grassland	01/09/2010	Brock Holes LWS	flowering plant	Common Bent
SE227012	TN8 acid grassland	01/09/2010	Brock Holes LWS	flowering plant	Common Bent
SE229013	heath TN3	01/09/2010	Brock Holes LWS	flowering plant	Common Bent
SE230013	TN1 acid grassland	01/09/2010	Brock Holes LWS	flowering plant	Common Bent
SE231005	TN13 grassland N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Creeping Bent
SE227007	Alderman's Head meadow	01/07/2010	'BARNSLEY MBC'	flowering plant	Creeping Bent
SE227008	TN2 grassland N of Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Creeping Bent
SE226003	TN7 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Creeping Bent
SE228012	TN6 marshy grassland	01/09/2010	Brock Holes LWS	flowering plant	Creeping Bent
SE225011	TN11 grassland	01/09/2010	Brock Holes LWS	flowering plant	Creeping Bent
SE230013	TN1 acid grassland	01/09/2010	Brock Holes LWS	flowering plant	Creeping Bent
SE229012	TN4 marshy grassland	01/09/2010	Brock Holes LWS	flowering plant	Creeping Bent
SE226003	TN7 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Ramsons
SE226007	TN4 Hollin Wood north	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Alder
SE230002	TN11 Spring Wood stream	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Alder

SE227005	TN6 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Alder
SE231005	TN13 grassland N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Wild Angelica
SE231005	TN15 marshy grassland to N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Wild Angelica
SE231005	TN13 grassland N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Sweet Vernal Grass
SE227007	Alderman's Head meadow	01/07/2010	'BARNSLEY MBC'	flowering plant	Sweet Vernal Grass
SE227008	TN2 grassland N of Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Sweet Vernal Grass
SE228012	TN7 mire	01/09/2010	Brock Holes LWS	flowering plant	Sweet Vernal Grass
SE227013	TN14 grassland	01/09/2010	Brock Holes LWS	flowering plant	Sweet Vernal Grass
SE227013	TN13 heath	01/09/2010	Brock Holes LWS	flowering plant	Sweet Vernal Grass
SE228012	TN6 marshy grassland	01/09/2010	Brock Holes LWS	flowering plant	Sweet Vernal Grass
SE227007	Alderman's Head meadow	01/07/2010	'BARNSLEY MBC'	flowering plant	False Oat-Grass
SE226003	TN7 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Silver Birch
SE226006	TN5 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Silver Birch
SE227005	TN6 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Silver Birch
SE230002	TN11 Spring Wood stream	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Silver Birch
SE226007	TN4 Hollin Wood north	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Silver Birch
SE227008	TN3 Hollin Wood north	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Silver Birch
SE231004	TN17 Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Silver Birch
SE231004	Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering	Silver Birch

SE231004	TN12 clearing Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Silver Birch
SE227013	TN13 heath	01/09/2010	Brock Holes LWS	flowering plant	Silver Birch
SE225011	TN11 grassland	01/09/2010	Brock Holes LWS	flowering plant	Silver Birch
SE231004	TN17 Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Downy Birch
SE227005	TN6 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Downy Birch
SE225014	TN9 woodland	01/09/2010	Brock Holes LWS	flowering plant	Downy Birch
SE228012	TN5 heath	01/09/2010	Brock Holes LWS	flowering plant	Downy Birch
SE227013	TN13 heath	01/09/2010	Brock Holes LWS	flowering plant	Downy Birch
SE226007	TN4 Hollin Wood north	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Hybrid Birch
SE231005	TN13 grassland N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Heather
SE227012	TN8 acid grassland	01/09/2010	Brock Holes LWS	flowering plant	Heather
SE227013	TN14 grassland	01/09/2010	Brock Holes LWS	flowering plant	Heather
SE227013	TN13 heath	01/09/2010	Brock Holes LWS	flowering plant	Heather
SE229013	heath TN3	01/09/2010	Brock Holes LWS	flowering plant	Heather
SE227007	Alderman's Head meadow	01/07/2010	'BARNSLEY MBC'	flowering plant	Harebell
SE227008	TN3 Hollin Wood north	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Wavy Bitter-Cress
SE231005	TN15 marshy grassland to N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Wavy Bitter-Cress
SE230002	TN11 Spring Wood stream	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Hairy Bitter-Cress

SE227005	TN6 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Cuckooflower
SE228012	TN6 marshy grassland	01/09/2010	Brock Holes LWS	flowering plant	Cuckooflower
SE228012	TN6 marshy grassland	01/09/2010	Brock Holes LWS	flowering plant	Sedge
SE231005	TN15 marshy grassland to N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Slender Tufted-Sedge
SE225011	TN11 grassland	01/09/2010	Brock Holes LWS	flowering plant	Distant Sedge
SE231005	TN13 grassland N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Glaucous Sedge
SE231005	TN13 grassland N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Common Sedge
SE231005	TN13 grassland N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Common Knapweed
SE227007	Alderman's Head meadow	01/07/2010	'BARNSLEY MBC'	flowering plant	Common Knapweed
SE231005	TN13 grassland N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Common Mouse-Ear
SE230013	TN1 acid grassland	01/09/2010	Brock Holes LWS	flowering plant	Sticky Mouse-Ear
SE226006	TN5 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Rosebay Willowherb
SE226003	TN7 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Rosebay Willowherb
SE231005	TN15 marshy grassland to N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Rosebay Willowherb
SE231005	TN13 grassland N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Rosebay Willowherb
SE227013	TN13 heath	01/09/2010	Brock Holes LWS	flowering plant	Rosebay Willowherb
SE230013	TN1 acid grassland	01/09/2010	Brock Holes LWS	flowering plant	Rosebay Willowherb
SE227005	TN6 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Opposite-Leaved Golden-Saxifrage

SE230002	TN11 Spring Wood stream	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Opposite-Leaved Golden-Saxifrage
SE230002	TN11 Spring Wood stream	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Enchanter's-Nightshade
SE227007	Alderman's Head meadow	01/07/2010	'BARNSLEY MBC'	flowering plant	Creeping Thistle
SE225011	TN11 grassland	01/09/2010	Brock Holes LWS	flowering plant	Creeping Thistle
SE227007	Alderman's Head meadow	01/07/2010	'BARNSLEY MBC'	flowering plant	Marsh Thistle
SE227008	TN3 Hollin Wood north	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Marsh Thistle
SE231005	TN13 grassland N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Marsh Thistle
SE231005	TN15 marshy grassland to N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Marsh Thistle
SE228012	TN6 marshy grassland	01/09/2010	Brock Holes LWS	flowering plant	Marsh Thistle
SE227013	TN13 heath	01/09/2010	Brock Holes LWS	flowering plant	Marsh Thistle
SE225011	TN11 grassland	01/09/2010	Brock Holes LWS	flowering plant	Marsh Thistle
SE229012	TN4 marshy grassland	01/09/2010	Brock Holes LWS	flowering plant	Marsh Thistle
SE230013	TN1 acid grassland	01/09/2010	Brock Holes LWS	flowering plant	Spear Thistle
SE229012	TN4 marshy grassland	01/09/2010	Brock Holes LWS	flowering plant	Spear Thistle
SE227012	TN8 acid grassland	01/09/2010	Brock Holes LWS	flowering plant	Spear Thistle
SE226007	TN4 Hollin Wood north	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Hazel
SE227005	TN6 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Hazel
SE231004	TN17 Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Hazel
SE227008	TN3 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering	Hazel

	north			plant	
SE230002	TN11 Spring Wood stream	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Hazel
SE225011	TN12 woodland	01/09/2010	Brock Holes LWS	flowering plant	Hazel
SE226003	TN7 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Cotoneaster
SE227005		21/01/1996	Hollin Wood, N side of River Little Don & A616	flowering plant	Hawthorn
SE227005		21/01/1996	Hollin and Spring Woods LWS	flowering plant	Hawthorn
SE226003	TN7 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Hawthorn
SE226006	TN5 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Hawthorn
SE231004	TN17 Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Hawthorn
SE227008	TN3 Hollin Wood north	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Hawthorn
SE228004	scrub to W of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Hawthorn
SE231005	TN13 grassland N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Hawthorn
SE225012	TN10 scrub	01/09/2010	Brock Holes LWS	flowering plant	Hawthorn
SE227008	TN2 grassland N of Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Crested Dog's-Tail
SE227007	Alderman's Head meadow	01/07/2010	'BARNSLEY MBC'	flowering plant	Crested Dog's-Tail
SE225011	TN11 grassland	01/09/2010	Brock Holes LWS	flowering plant	Crested Dog's-Tail
SE230013	TN1 acid grassland	01/09/2010	Brock Holes LWS	flowering plant	Crested Dog's-Tail
SE229013	heath TN3	01/09/2010	Brock Holes LWS	flowering plant	Crested Dog's-Tail
SE227007	Alderman's Head meadow	01/07/2010	'BARNSLEY MBC'	flowering plant	Cock's-Foot
SE231005	TN13 grassland N	01/07/2010	Hollin and Spring Woods LWS	flowering	Cock's-Foot

	of Spring Wood			plant	
SE227007	Alderman's Head meadow	01/07/2010	'BARNSLEY MBC'	flowering plant	Common Spotted-Orchid
SE225011	TN11 grassland	01/09/2010	Brock Holes LWS	flowering plant	Common Spotted-Orchid
SE227008	TN2 grassland N of Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Heath-Grass
SE231005	TN15 marshy grassland to N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Tufted Hair-Grass
SE227008	TN3 Hollin Wood north	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Tufted Hair-Grass
SE227008	TN2 grassland N of Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Tufted Hair-Grass
SE231005	TN13 grassland N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Tufted Hair-Grass
SE225014	TN9 woodland	01/09/2010	Brock Holes LWS	flowering plant	Tufted Hair-Grass
SE225011	TN11 grassland	01/09/2010	Brock Holes LWS	flowering plant	Tufted Hair-Grass
SE227012	TN8 acid grassland	01/09/2010	Brock Holes LWS	flowering plant	Tufted Hair-Grass
SE229012	TN4 marshy grassland	01/09/2010	Brock Holes LWS	flowering plant	Tufted Hair-Grass
SE230013	TN1 acid grassland	01/09/2010	Brock Holes LWS	flowering plant	Tufted Hair-Grass
SE229013	heath TN3	01/09/2010	Brock Holes LWS	flowering plant	Tufted Hair-Grass
SE231004	Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Wavy Hair-Grass
SE226003	TN7 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Wavy Hair-Grass
SE231005	TN13 grassland N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Wavy Hair-Grass
SE227012	TN8 acid grassland	01/09/2010	Brock Holes LWS	flowering plant	Wavy Hair-Grass
SE227013	TN13 heath	01/09/2010	Brock Holes LWS	flowering plant	Wavy Hair-Grass

SE228012	TN5 heath	01/09/2010	Brock Holes LWS	flowering plant	Wavy Hair-Grass
SE225014	TN9 woodland	01/09/2010	Brock Holes LWS	flowering plant	Wavy Hair-Grass
SE227013	TN14 grassland	01/09/2010	Brock Holes LWS	flowering plant	Wavy Hair-Grass
SE225011	TN12 woodland	01/09/2010	Brock Holes LWS	flowering plant	Wavy Hair-Grass
SE229013	heath TN3	01/09/2010	Brock Holes LWS	flowering plant	Wavy Hair-Grass
SE226006	TN5 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Foxglove
SE227008	TN3 Hollin Wood north	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Foxglove
SE230002	TN11 Spring Wood stream	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Foxglove
SE226003	TN7 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Foxglove
SE231004	TN17 Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Foxglove
SE225014	TN9 woodland	01/09/2010	Brock Holes LWS	flowering plant	Foxglove
SE227004	Hollin Wood	10/01/2012	Hollin and Spring Woods LWS	flowering plant	Foxglove
SE228004	scrub to W of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Willowherb
SE230013	TN1 acid grassland	01/09/2010	Brock Holes LWS	flowering plant	Willowherb
SE226003	TN7 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Broad-Leaved Willowherb
SE231005	TN15 marshy grassland to N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Marsh Willowherb
SE229012	TN4 marshy grassland	01/09/2010	Brock Holes LWS	flowering plant	Marsh Willowherb
SE229013	heath TN3	01/09/2010	Brock Holes LWS	flowering plant	Bell Heather
SE227013	TN13 heath	01/09/2010	Brock Holes LWS	flowering	Bell Heather

SE228013	TN15 mire	01/09/2010	Brock Holes LWS	plant flowering plant	Hare's-Tail Cottongrass
SE230002	TN11 Spring Wood stream	01/07/2010	Hollin and Spring Woods LWS	plant flowering plant	Beech
SE226006	TN5 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	plant flowering plant	Beech
SE231004	Spring Wood	01/07/2010	Hollin and Spring Woods LWS	plant flowering plant	Beech
SE225014	TN9 woodland	01/09/2010	Brock Holes LWS	plant flowering plant	Beech
SE230003		10/01/2012	Hollin and Spring Woods LWS	plant flowering plant	Beech
SE226003	TN7 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	plant flowering plant	Giant Fescue
SE230002	TN11 Spring Wood stream	01/07/2010	Hollin and Spring Woods LWS	plant flowering plant	Giant Fescue
SE231005	TN13 grassland N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	plant flowering plant	Sheep's Fescue agg.
SE227007	Alderman's Head meadow	01/07/2010	'BARNSLEY MBC'	plant flowering plant	Sheep's Fescue agg.
SE227008	TN2 grassland N of Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	plant flowering plant	Sheep's Fescue agg.
SE227012	TN8 acid grassland	01/09/2010	Brock Holes LWS	plant flowering plant	Sheep's Fescue agg.
SE230013	TN1 acid grassland	01/09/2010	Brock Holes LWS	plant flowering plant	Sheep's Fescue agg.
SE229013	heath TN3	01/09/2010	Brock Holes LWS	plant flowering plant	Sheep's Fescue agg.
SE230013	TN1 acid grassland	01/09/2010	Brock Holes LWS	plant flowering plant	Red Fescue
SE227005	TN6 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	plant flowering plant	Ash
SE227007	Alderman's Head meadow	01/07/2010	'BARNSLEY MBC'	plant flowering plant	Ash
SE230002	TN11 Spring Wood stream	01/07/2010	Hollin and Spring Woods LWS	plant flowering plant	Ash

SE231005	TN15 marshy grassland to N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Ash
SE226003	TN7 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Common Hemp-Nettle agg.
SE230002	TN11 Spring Wood stream	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Common Hemp-Nettle agg.
SE227008	TN3 Hollin Wood north	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Common Hemp-Nettle agg.
SE226003	TN7 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Cleavers
SE227008	TN3 Hollin Wood north	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Cleavers
SE231005	TN13 grassland N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Cleavers
SE226006	TN5 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Cleavers
SE231005	TN15 marshy grassland to N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Common Marsh-Bedstraw
SE231005	TN13 grassland N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Common Marsh-Bedstraw
SE225011	TN11 grassland	01/09/2010	Brock Holes LWS	flowering plant	Common Marsh-Bedstraw
SE229012	TN4 marshy grassland	01/09/2010	Brock Holes LWS	flowering plant	Common Marsh-Bedstraw
SE231005	TN13 grassland N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Heath Bedstraw
SE227007	Alderman's Head meadow	01/07/2010	'BARNSLEY MBC'	flowering plant	Heath Bedstraw
SE227008	TN2 grassland N of Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Heath Bedstraw
SE227013	TN13 heath	01/09/2010	Brock Holes LWS	flowering plant	Heath Bedstraw
SE225014	TN9 woodland	01/09/2010	Brock Holes LWS	flowering plant	Heath Bedstraw
SE227012	TN8 acid grassland	01/09/2010	Brock Holes LWS	flowering plant	Heath Bedstraw

SE229013	heath TN3	01/09/2010	Brock Holes LWS	flowering plant	Heath Bedstraw
SE227005	TN6 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Herb-Robert
SE230002	TN11 Spring Wood stream	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Herb-Robert
SE230002	TN11 Spring Wood stream	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Herb Bennet
SE226003	TN7 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Herb Bennet
SE227008	TN3 Hollin Wood north	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Ivy
SE230002	TN11 Spring Wood stream	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Hogweed
SE227007	Alderman's Head meadow	01/07/2010	'BARNSLEY MBC'	flowering plant	Hogweed
SE226003	TN7 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Yorkshire-Fog
SE231004	TN12 clearing Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Yorkshire-Fog
SE231005	TN15 marshy grassland to N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Yorkshire-Fog
SE231005	TN13 grassland N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Yorkshire-Fog
SE227007	Alderman's Head meadow	01/07/2010	'BARNSLEY MBC'	flowering plant	Yorkshire-Fog
SE227008	TN3 Hollin Wood north	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Yorkshire-Fog
SE231004	TN17 Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Yorkshire-Fog
SE227008	TN2 grassland N of Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Yorkshire-Fog
SE227013	TN14 grassland	01/09/2010	Brock Holes LWS	flowering plant	Yorkshire-Fog
SE228012	TN6 marshy grassland	01/09/2010	Brock Holes LWS	flowering plant	Yorkshire-Fog
SE227012	TN8 acid grassland	01/09/2010	Brock Holes LWS	flowering	Yorkshire-Fog

SE228012	TN5 heath	01/09/2010	Brock Holes LWS	flowering plant	Yorkshire-Fog
SE225011	TN11 grassland	01/09/2010	Brock Holes LWS	flowering plant	Yorkshire-Fog
SE230013	TN1 acid grassland	01/09/2010	Brock Holes LWS	flowering plant	Yorkshire-Fog
SE229013	heath TN3	01/09/2010	Brock Holes LWS	flowering plant	Yorkshire-Fog
SE229012	TN4 marshy grassland	01/09/2010	Brock Holes LWS	flowering plant	Yorkshire-Fog
SE227005	TN6 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Creeping Soft-Grass
SE231004	TN17 Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Creeping Soft-Grass
SE231005	TN13 grassland N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Creeping Soft-Grass
SE226007	TN4 Hollin Wood north	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Creeping Soft-Grass
SE227008	TN2 grassland N of Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Creeping Soft-Grass
SE230002	TN11 Spring Wood stream	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Creeping Soft-Grass
SE231004	TN12 clearing Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Creeping Soft-Grass
SE231005	TN15 marshy grassland to N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Creeping Soft-Grass
SE226003	TN7 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Creeping Soft-Grass
SE227013	TN13 heath	01/09/2010	Brock Holes LWS	flowering plant	Creeping Soft-Grass
SE225014	TN9 woodland	01/09/2010	Brock Holes LWS	flowering plant	Creeping Soft-Grass
SE225011	TN12 woodland	01/09/2010	Brock Holes LWS	flowering plant	Creeping Soft-Grass
SE228013	TN15 mire	01/09/2010	Brock Holes LWS	flowering plant	Creeping Soft-Grass

SE231004	TN17 Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Bluebell
SE228004	scrub to W of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Bluebell
SE231004	TN12 clearing Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Bluebell
SE230002	TN11 Spring Wood stream	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Bluebell
SE226006	TN5 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Bluebell
SE227005	TN6 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Bluebell
SE226003	TN7 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Bluebell
SE225014	TN9 woodland	01/09/2010	Brock Holes LWS	flowering plant	Bluebell
SE230003	Spring Wood	10/01/2012	Hollin and Spring Woods LWS	flowering plant	Bluebell
SE227004	Hollin Wood	10/01/2012	Hollin and Spring Woods LWS	flowering plant	Bluebell
SE226003	TN7 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Slender St. John's-Wort
SE227007	Alderman's Head meadow	01/07/2010	'BARNSLEY MBC'	flowering plant	Cat's-Ear
SE227008	TN2 grassland N of Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Cat's-Ear
SE227013	TN13 heath	01/09/2010	Brock Holes LWS	flowering plant	Cat's-Ear
SE227012	TN8 acid grassland	01/09/2010	Brock Holes LWS	flowering plant	Cat's-Ear
SE230013	TN1 acid grassland	01/09/2010	Brock Holes LWS	flowering plant	Cat's-Ear
SE229013	heath TN3	01/09/2010	Brock Holes LWS	flowering plant	Cat's-Ear
SE231004	TN17 Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Holly
SE226006	TN5 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Holly

SE228004	scrub to W of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Holly
SE227008	TN3 Hollin Wood north	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Holly
SE226003	TN7 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Holly
SE226007	TN4 Hollin Wood north	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Holly
SE230002	TN11 Spring Wood stream	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Holly
SE227005	TN6 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Holly
SE225011	TN12 woodland	01/09/2010	Brock Holes LWS	flowering plant	Holly
SE225014	TN9 woodland	01/09/2010	Brock Holes LWS	flowering plant	Holly
SE227004	Hollin Wood	10/01/2012	Hollin and Spring Woods LWS	flowering plant	Holly
SE230002	Spring Wood	10/01/2012	Hollin and Spring Woods LWS	flowering plant	Holly
SE228013	TN15 mire	01/09/2010	Brock Holes LWS	flowering plant	Rush
SE231005	TN13 grassland N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Sharp-Flowered Rush
SE231005	TN15 marshy grassland to N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Sharp-Flowered Rush
SE228013	TN15 mire	01/09/2010	Brock Holes LWS	flowering plant	Jointed Rush
SE228012	TN7 mire	01/09/2010	Brock Holes LWS	flowering plant	Jointed Rush
SE228012	TN6 marshy grassland	01/09/2010	Brock Holes LWS	flowering plant	Jointed Rush
SE228012	TN7 mire	01/09/2010	Brock Holes LWS	flowering plant	Bulbous Rush
SE231005	TN13 grassland N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Compact Rush
SE227007	Alderman's Head	01/07/2010	'BARNSLEY MBC'	flowering	Compact Rush

	meadow			plant	
SE231005	TN15 marshy grassland to N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Compact Rush
SE228012	TN6 marshy grassland	01/09/2010	Brock Holes LWS	flowering plant	Compact Rush
SE231005	TN13 grassland N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Soft Rush
SE231005	TN15 marshy grassland to N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Soft Rush
SE226003	TN7 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Soft Rush
SE230002	TN11 Spring Wood stream	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Soft Rush
SE228012	TN6 marshy grassland	01/09/2010	Brock Holes LWS	flowering plant	Soft Rush
SE228013	TN15 mire	01/09/2010	Brock Holes LWS	flowering plant	Soft Rush
SE228012	TN7 mire	01/09/2010	Brock Holes LWS	flowering plant	Soft Rush
SE225014	TN9 woodland	01/09/2010	Brock Holes LWS	flowering plant	Soft Rush
SE227013	TN14 grassland	01/09/2010	Brock Holes LWS	flowering plant	Soft Rush
SE225011	TN11 grassland	01/09/2010	Brock Holes LWS	flowering plant	Soft Rush
SE230013	TN1 acid grassland	01/09/2010	Brock Holes LWS	flowering plant	Soft Rush
SE229012	TN4 marshy grassland	01/09/2010	Brock Holes LWS	flowering plant	Soft Rush
SE227008	TN2 grassland N of Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Heath Rush
SE227013	TN14 grassland	01/09/2010	Brock Holes LWS	flowering plant	Heath Rush
SE229013	heath TN3	01/09/2010	Brock Holes LWS	flowering plant	Heath Rush
SE230002	TN11 Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering	Yellow Archangel

	stream			plant	
SE231005	TN13 grassland N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Bitter-Vetch
SE227007	Alderman's Head meadow	01/07/2010	'BARNSLEY MBC'	flowering plant	Meadow Vetchling
SE229013	heath TN3	01/09/2010	Brock Holes LWS	flowering plant	Perennial Rye-Grass
SE230013	TN1 acid grassland	01/09/2010	Brock Holes LWS	flowering plant	Perennial Rye-Grass
SE227012	TN8 acid grassland	01/09/2010	Brock Holes LWS	flowering plant	Perennial Rye-Grass
SE225011	TN11 grassland	01/09/2010	Brock Holes LWS	flowering plant	Perennial Rye-Grass
SE231004	TN17 Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Honeysuckle
SE230002	TN11 Spring Wood stream	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Honeysuckle
SE226003	TN7 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Honeysuckle
SE225011	TN12 woodland	01/09/2010	Brock Holes LWS	flowering plant	Honeysuckle
SE227007	Alderman's Head meadow	01/07/2010	'BARNSLEY MBC'	flowering plant	Common Bird's-Foot-Trefoil
SE229013	heath TN3	01/09/2010	Brock Holes LWS	flowering plant	Common Bird's-Foot-Trefoil
SE231005	TN15 marshy grassland to N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Large Bird's-Foot-Trefoil
SE231005	TN13 grassland N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Large Bird's-Foot-Trefoil
SE225011	TN11 grassland	01/09/2010	Brock Holes LWS	flowering plant	Wood-Rush
SE231004	TN12 clearing Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Field Wood-Rush
SE225011	TN11 grassland	01/09/2010	Brock Holes LWS	flowering plant	Ragged Robin
SE227005	TN6 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Yellow Pimpernel

SE230002	TN11 Spring Wood stream	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Yellow Pimpernel
SE225011	TN11 grassland	01/09/2010	Brock Holes LWS	flowering plant	Creeping-Jenny
SE231004	TN17 Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Crab Apple
SE228004	scrub to W of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Crab Apple
SE229013	heath TN3	01/09/2010	Brock Holes LWS	flowering plant	Purple Moor-Grass
SE228013	TN15 mire	01/09/2010	Brock Holes LWS	flowering plant	Purple Moor-Grass
SE227013	TN14 grassland	01/09/2010	Brock Holes LWS	flowering plant	Purple Moor-Grass
SE228012	TN7 mire	01/09/2010	Brock Holes LWS	flowering plant	Purple Moor-Grass
SE227007	Alderman's Head meadow	01/07/2010	'BARNSLEY MBC'	flowering plant	Field Forget-Me-Not
SE227008	TN2 grassland N of Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Mat-Grass
SE231005	TN13 grassland N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Mat-Grass
SE227013	TN14 grassland	01/09/2010	Brock Holes LWS	flowering plant	Mat-Grass
SE227012	TN8 acid grassland	01/09/2010	Brock Holes LWS	flowering plant	Mat-Grass
SE227013	TN13 heath	01/09/2010	Brock Holes LWS	flowering plant	Mat-Grass
SE229013	heath TN3	01/09/2010	Brock Holes LWS	flowering plant	Mat-Grass
SE228012	TN7 mire	01/09/2010	Brock Holes LWS	flowering plant	Bog Asphodel
SE228004	scrub to W of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Wood-Sorrel
SE230002	TN11 Spring Wood stream	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Wood-Sorrel
SE231004	TN17 Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Wood-Sorrel

SE225014	TN9 woodland	01/09/2010	Brock Holes LWS	flowering plant	Wood-Sorrel
SE230002	TN11 Spring Wood stream	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Reed Canary-Grass
SE227007	Alderman's Head meadow	01/07/2010	'BARNSLEY MBC'	flowering plant	Timothy
SE227012	TN8 acid grassland	01/09/2010	Brock Holes LWS	flowering plant	Timothy
SE227007	Alderman's Head meadow	01/07/2010	'BARNSLEY MBC'	flowering plant	Mouse-Ear-Hawkweed
SE229013	heath TN3	01/09/2010	Brock Holes LWS	flowering plant	Mouse-Ear-Hawkweed
SE230013	TN1 acid grassland	01/09/2010	Brock Holes LWS	flowering plant	Mouse-Ear-Hawkweed
SE227007	Alderman's Head meadow	01/07/2010	'BARNSLEY MBC'	flowering plant	Ribwort Plantain
SE226003	TN7 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Greater Plantain
SE231005	TN13 grassland N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Smooth Meadow-Grass
SE227008	TN2 grassland N of Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Smooth Meadow-Grass
SE227012	TN8 acid grassland	01/09/2010	Brock Holes LWS	flowering plant	Smooth Meadow-Grass
SE227007	Alderman's Head meadow	01/07/2010	'BARNSLEY MBC'	flowering plant	Rough Meadow-Grass
SE227008	TN3 Hollin Wood north	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Rough Meadow-Grass
SE226003	TN7 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Rough Meadow-Grass
SE231005	TN15 marshy grassland to N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Rough Meadow-Grass
SE231004	TN17 Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Rough Meadow-Grass
SE229013	heath TN3	01/09/2010	Brock Holes LWS	flowering plant	Common Milkwort
SE227012	TN8 acid grassland	01/09/2010	Brock Holes LWS	flowering	Knotgrass agg.

SE231005	TN13 grassland N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	plant flowering plant	Tormentil
SE227008	TN2 grassland N of Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	plant flowering plant	Tormentil
SE228012	TN6 marshy grassland	01/09/2010	Brock Holes LWS	plant flowering plant	Tormentil
SE228012	TN7 mire	01/09/2010	Brock Holes LWS	plant flowering plant	Tormentil
SE229013	heath TN3	01/09/2010	Brock Holes LWS	plant flowering plant	Tormentil
SE227007	Alderman's Head meadow	01/07/2010	'BARNSLEY MBC'	plant flowering plant	Selfheal
SE227005	TN6 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	plant flowering plant	Bird Cherry
SE230002	TN11 Spring Wood stream	01/07/2010	Hollin and Spring Woods LWS	plant flowering plant	Bird Cherry
SE231004	TN17 Spring Wood	01/07/2010	Hollin and Spring Woods LWS	plant flowering plant	Blackthorn
SE230002	TN11 Spring Wood stream	01/07/2010	Hollin and Spring Woods LWS	plant flowering plant	Sessile Oak
SE226003	TN7 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	plant flowering plant	Pedunculate Oak
SE231004	TN12 clearing Spring Wood	01/07/2010	Hollin and Spring Woods LWS	plant flowering plant	Pedunculate Oak
SE226006	TN5 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	plant flowering plant	Pedunculate Oak
SE227007	Alderman's Head meadow	01/07/2010	'BARNSLEY MBC'	plant flowering plant	Pedunculate Oak
SE230002	TN11 Spring Wood stream	01/07/2010	Hollin and Spring Woods LWS	plant flowering plant	Pedunculate Oak
SE231004	Spring Wood	01/07/2010	Hollin and Spring Woods LWS	plant flowering plant	Pedunculate Oak
SE227005	TN6 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	plant flowering plant	Pedunculate Oak
SE231004	TN17 Spring Wood	01/07/2010	Hollin and Spring Woods LWS	plant	Pedunculate Oak
SE226007	TN4 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering	Pedunculate Oak

	north			plant	
SE225014	TN9 woodland	01/09/2010	Brock Holes LWS	flowering plant	Pedunculate Oak
SE228004	scrub to W of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Meadow Buttercup
SE231004	TN17 Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Meadow Buttercup
SE227007	Alderman's Head meadow	01/07/2010	'BARNSLEY MBC'	flowering plant	Meadow Buttercup
SE228012	TN6 marshy grassland	01/09/2010	Brock Holes LWS	flowering plant	Meadow Buttercup
SE225011	TN11 grassland	01/09/2010	Brock Holes LWS	flowering plant	Meadow Buttercup
SE230013	TN1 acid grassland	01/09/2010	Brock Holes LWS	flowering plant	Meadow Buttercup
SE229012	TN4 marshy grassland	01/09/2010	Brock Holes LWS	flowering plant	Lesser Spearwort
SE228012	TN6 marshy grassland	01/09/2010	Brock Holes LWS	flowering plant	Lesser Spearwort
SE227008	TN3 Hollin Wood north	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Creeping Buttercup
SE226003	TN7 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Creeping Buttercup
SE231005	TN15 marshy grassland to N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Creeping Buttercup
SE227007	Alderman's Head meadow	01/07/2010	'BARNSLEY MBC'	flowering plant	Creeping Buttercup
SE227005	TN6 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Creeping Buttercup
SE225011	TN11 grassland	01/09/2010	Brock Holes LWS	flowering plant	Creeping Buttercup
SE229012	TN4 marshy grassland	01/09/2010	Brock Holes LWS	flowering plant	Creeping Buttercup
SE229012	TN4 marshy grassland	01/09/2010	Brock Holes LWS	flowering plant	Celery-Leaved Buttercup
SE227007	Alderman's Head meadow	01/07/2010	'BARNSLEY MBC'	flowering plant	Yellow-Rattle

SE227008	TN2 grassland N of Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Yellow-Rattle
SE226007	TN4 Hollin Wood north	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Field Rose
SE231005	TN13 grassland N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Field Rose
SE228004	scrub to W of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Field Rose
SE231004	TN17 Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Field Rose
SE228004	scrub to W of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Dog Rose
SE227008	TN3 Hollin Wood north	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Dog Rose
SE226003	TN7 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Dog Rose
SE229013	heath TN3	01/09/2010	Brock Holes LWS	flowering plant	Dog Rose
SE231005	TN13 grassland N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Bramble
SE227005	TN6 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Bramble
SE226006	TN5 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Bramble
SE231005	TN15 marshy grassland to N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Bramble
SE231004	TN17 Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Bramble
SE227008	TN2 grassland N of Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Bramble
SE230002	TN11 Spring Wood stream	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Bramble
SE231004	TN12 clearing Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Bramble
SE227007	Alderman's Head meadow	01/07/2010	'BARNSLEY MBC'	flowering plant	Bramble
SE226003	TN7 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering	Bramble

SE228004	scrub to W of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Bramble
SE225014	TN9 woodland	01/09/2010	Brock Holes LWS	flowering plant	Bramble
SE225011	TN12 woodland	01/09/2010	Brock Holes LWS	flowering plant	Bramble
SE225012	TN10 scrub	01/09/2010	Brock Holes LWS	flowering plant	Bramble
SE230013	TN1 acid grassland	01/09/2010	Brock Holes LWS	flowering plant	Bramble
SE231005	TN13 grassland N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Common Sorrel
SE227008	TN2 grassland N of Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Common Sorrel
SE231005	TN15 marshy grassland to N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Common Sorrel
SE227007	Alderman's Head meadow	01/07/2010	'BARNSLEY MBC'	flowering plant	Common Sorrel
SE225011	TN11 grassland	01/09/2010	Brock Holes LWS	flowering plant	Common Sorrel
SE228012	TN6 marshy grassland	01/09/2010	Brock Holes LWS	flowering plant	Common Sorrel
SE229013	heath TN3	01/09/2010	Brock Holes LWS	flowering plant	Sheep's Sorrel agg.
SE230013	TN1 acid grassland	01/09/2010	Brock Holes LWS	flowering plant	Sheep's Sorrel agg.
SE227012	TN8 acid grassland	01/09/2010	Brock Holes LWS	flowering plant	Sheep's Sorrel agg.
SE227012	TN8 acid grassland	01/09/2010	Brock Holes LWS	flowering plant	Clustered Dock
SE227012	TN8 acid grassland	01/09/2010	Brock Holes LWS	flowering plant	Curled Dock
SE227005	TN6 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Broad-Leaved Dock
SE228004	scrub to W of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Wood Dock

SE226003	TN7 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Wood Dock
SE227005	TN6 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Goat Willow
SE227008	TN3 Hollin Wood north	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Grey Willow
SE231004	TN17 Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Grey Willow
SE228004	scrub to W of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Grey Willow
SE226006	TN5 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Grey Willow
SE230002	TN11 Spring Wood stream	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Grey Willow
SE230002	TN11 Spring Wood stream	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Crack Willow
SE226003	TN7 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Elder
SE227008	TN3 Hollin Wood north	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Elder
SE226006	TN5 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Elder
SE228004	scrub to W of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Elder
SE226007	TN4 Hollin Wood north	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Elder
SE230002	TN11 Spring Wood stream	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Elder
SE225014	TN9 woodland	01/09/2010	Brock Holes LWS	flowering plant	Elder
SE230002	TN11 Spring Wood stream	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Red Campion
SE229012	TN4 marshy grassland	01/09/2010	Brock Holes LWS	flowering plant	Goldenrod
SE228012	TN6 marshy grassland	01/09/2010	Brock Holes LWS	flowering plant	Goldenrod
SE229013	heath TN3	01/09/2010	Brock Holes LWS	flowering plant	Prickly Sow-Thistle

SE228004	scrub to W of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Rowan
SE226006	TN5 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Rowan
SE227008	TN3 Hollin Wood north	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Rowan
SE226003	TN7 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Rowan
SE231004	TN12 clearing Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Rowan
SE226007	TN4 Hollin Wood north	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Rowan
SE227005	TN6 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Rowan
SE226003	TN7 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Hedge Woundwort
SE228004	scrub to W of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Hedge Woundwort
SE226003	TN7 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Lesser Stitchwort
SE231004	TN17 Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Greater Stitchwort
SE226003	TN7 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Greater Stitchwort
SE230002	TN11 Spring Wood stream	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Greater Stitchwort
SE230002	TN11 Spring Wood stream	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Common Chickweed
SE227012	TN8 acid grassland	01/09/2010	Brock Holes LWS	flowering plant	Chickweed
SE227005	TN6 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Bog Stitchwort
SE231005	TN13 grassland N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Devil's-Bit Scabious
SE227007	Alderman's Head meadow	01/07/2010	'BARNSLEY MBC'	flowering plant	Dandelion
SE231005	TN13 grassland N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Wood Sage

SE227007	Alderman's Head meadow	01/07/2010	'BARNSLEY MBC'	flowering plant	Goat's-Beard
SE229013	heath TN3	01/09/2010	Brock Holes LWS	flowering plant	Goat's-Beard
SE227007	Alderman's Head meadow	01/07/2010	'BARNSLEY MBC'	flowering plant	Lesser Trefoil
SE227007	Alderman's Head meadow	01/07/2010	'BARNSLEY MBC'	flowering plant	Red Clover
SE227012	TN8 acid grassland	01/09/2010	Brock Holes LWS	flowering plant	Red Clover
SE230013	TN1 acid grassland	01/09/2010	Brock Holes LWS	flowering plant	Red Clover
SE229013	heath TN3	01/09/2010	Brock Holes LWS	flowering plant	White Clover
SE227012	TN8 acid grassland	01/09/2010	Brock Holes LWS	flowering plant	White Clover
SE227007	Alderman's Head meadow	01/07/2010	'BARNSLEY MBC'	flowering plant	Yellow Oat-Grass
SE229013	heath TN3	01/09/2010	Brock Holes LWS	flowering plant	Yellow Oat-Grass
SE227008	TN3 Hollin Wood north	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Gorse
SE228012	TN5 heath	01/09/2010	Brock Holes LWS	flowering plant	Gorse
SE227013	TN13 heath	01/09/2010	Brock Holes LWS	flowering plant	Gorse
SE225012	TN10 scrub	01/09/2010	Brock Holes LWS	flowering plant	Gorse
SE230013	TN1 acid grassland	01/09/2010	Brock Holes LWS	flowering plant	Gorse
SE230013	TN1 acid grassland	01/09/2010	Brock Holes LWS	flowering plant	Western Gorse
SE225012	TN10 scrub	01/09/2010	Brock Holes LWS	flowering plant	Western Gorse
SE227013	TN13 heath	01/09/2010	Brock Holes LWS	flowering plant	Western Gorse
SE230002	TN11 Spring Wood stream	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Wych Elm

SE225014	TN9 woodland	01/09/2010	Brock Holes LWS	flowering plant	Wych Elm
SE227005	TN6 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Common Nettle
SE227008	TN3 Hollin Wood north	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Common Nettle
SE225011	TN11 grassland	01/09/2010	Brock Holes LWS	flowering plant	Common Nettle
SE225012	TN10 scrub	01/09/2010	Brock Holes LWS	flowering plant	Common Nettle
SE227012	TN8 acid grassland	01/09/2010	Brock Holes LWS	flowering plant	Common Nettle
SE229012	TN4 marshy grassland	01/09/2010	Brock Holes LWS	flowering plant	Common Nettle
SE230013	TN1 acid grassland	01/09/2010	Brock Holes LWS	flowering plant	Common Nettle
SE231005	TN13 grassland N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Bilberry
SE227012	TN8 acid grassland	01/09/2010	Brock Holes LWS	flowering plant	Bilberry
SE227013	TN14 grassland	01/09/2010	Brock Holes LWS	flowering plant	Bilberry
SE227013	TN13 heath	01/09/2010	Brock Holes LWS	flowering plant	Bilberry
SE228012	TN5 heath	01/09/2010	Brock Holes LWS	flowering plant	Bilberry
SE230013	TN1 acid grassland	01/09/2010	Brock Holes LWS	flowering plant	Bilberry
SE229013	heath TN3	01/09/2010	Brock Holes LWS	flowering plant	Bilberry
SE227007	Alderman's Head meadow	01/07/2010	'BARNSLEY MBC'	flowering plant	Germander Speedwell
SE226003	TN7 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Germander Speedwell
SE230002	TN11 Spring Wood stream	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Germander Speedwell
SE230013	TN1 acid grassland	01/09/2010	Brock Holes LWS	flowering plant	Germander Speedwell

SE229013	heath TN3	01/09/2010	Brock Holes LWS	flowering plant	Germander Speedwell
SE226003	TN7 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Wood Speedwell
SE230002	TN11 Spring Wood stream	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Wood Speedwell
SE228004	scrub to W of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Wood Speedwell
SE227007	Alderman's Head meadow	01/07/2010	'BARNSLEY MBC'	flowering plant	Heath Speedwell
SE229013	heath TN3	01/09/2010	Brock Holes LWS	flowering plant	Heath Speedwell
SE227007	Alderman's Head meadow	01/07/2010	'BARNSLEY MBC'	flowering plant	Tufted Vetch
SE227007	Alderman's Head meadow	01/07/2010	'BARNSLEY MBC'	flowering plant	Common Vetch
SE227007	Alderman's Head meadow	01/07/2010	'BARNSLEY MBC'	flowering plant	Bush Vetch
SE226003	TN7 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Bush Vetch
SE228012	TN6 marshy grassland	01/09/2010	Brock Holes LWS	flowering plant	Marsh Violet
SE226003	TN7 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Common Dog-Violet
SE228004	scrub to W of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	flowering plant	Common Dog-Violet
SE231005	TN13 grassland N of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	horsetail	Field Horsetail
SE227014	heath	11/07/2012	Brock Holes LWS	insect - butterfly	Small Heath
SE227014	heath	11/07/2012	Brock Holes LWS	insect - butterfly	Meadow Brown
SE227012	marshy grassland	11/07/2012	Brock Holes LWS	insect - butterfly	Green-Veined White
SE227012	marshy grassland	11/07/2012	Brock Holes LWS	insect - butterfly	Red Admiral
SE227014	heath	11/07/2012	Brock Holes LWS	insect - earwig	Common Earwig

				(Dermaptera)	
SE227012	marshy grassland	11/07/2012	Brock Holes LWS	insect - moth	Silver Y
SE227012	marshy grassland	11/07/2012	Brock Holes LWS	insect - orthopteran	Common Green Grasshopper
SE227012	marshy grassland	11/07/2012	Brock Holes LWS	insect - true fly (Diptera)	Eristalis horticola
SE227012	marshy grassland	11/07/2012	Brock Holes LWS	insect - true fly (Diptera)	Eristalis pertinax
SE230002	TN11 Spring Wood stream	01/07/2010	Hollin and Spring Woods LWS	liverwort	Pellia
SE227004	Hollin Wood	10/01/2012	Hollin and Spring Woods LWS	mollusc	Garlic Snail
SE228004	scrub to W of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	moss	Common Smoothcap
SE226003	TN7 Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	moss	Common Smoothcap
SE231004	Spring Wood	01/07/2010	Hollin and Spring Woods LWS	moss	Brachythecium rutabulum
SE228004	scrub to W of Spring Wood	01/07/2010	Hollin and Spring Woods LWS	moss	Swan's-neck Thyme-moss
SE230002	TN11 Spring Wood stream	01/07/2010	Hollin and Spring Woods LWS	moss	Plagiothecium undulatum
SE230002	TN11 Spring Wood stream	01/07/2010	Hollin and Spring Woods LWS	moss	Rhizomnium punctatum
SE227008	TN2 grassland N of Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	moss	Springy Turf-moss
SE228013	TN15 mire	01/09/2010	Brock Holes LWS	moss	Sphagnum
SE232000	Hand Bank	04/10/1977	'BARNSLEY MBC'	terrestrial mammal	Bank Vole
SE233004	Langsett	22/05/1986	'BARNSLEY MBC'	terrestrial mammal	Brown Hare
SE233004	Langsett	22/05/1986	'BARNSLEY MBC'	terrestrial mammal	Brown Hare
SE230003	Spring Wood	14/08/1981	'BARNSLEY MBC'	terrestrial mammal	Badger
SE2300	nr. Langsett	28/03/1982		terrestrial mammal	Badger
SE2300	Spring Bank Wood	11/01/1986	'BARNSLEY MBC'	terrestrial mammal	Badger

SE230004	Spring Wood, Langsett	05/12/1988	Langsett Plantations	terrestrial mammal	Badger
SE226009	Alderman's Head	05/11/1995		terrestrial mammal	Badger
SE227004	Hollins Wood	21/01/1996		terrestrial mammal	Badger
SE226004	Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	terrestrial mammal	Badger
SE229003	Spring Wood	01/07/2010	Hollin and Spring Woods LWS	terrestrial mammal	Badger
SE227005	Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	terrestrial mammal	Badger
SE226006	Hollin Wood	01/07/2010	Hollin and Spring Woods LWS	terrestrial mammal	Badger
SE225005	old railway track	01/07/2010	'BARNSLEY MBC'	terrestrial mammal	Badger
SE227004	Hollin Wood	10/01/2012	Hollin and Spring Woods LWS	terrestrial mammal	Badger
SE227004	Hollin Wood	10/01/2012	Hollin and Spring Woods LWS	terrestrial mammal	Rabbit
SE227003	railway track	10/01/2012	Hollin and Spring Woods LWS	terrestrial mammal	Grey Squirrel
SE230002		10/01/2012	Hollin and Spring Woods LWS	terrestrial mammal	Grey Squirrel
SE232000		04/10/1977	Stocksbridge	terrestrial mammal	Common Shrew
SE232000		04/10/1977	Stocksbridge	terrestrial mammal	Pygmy Shrew
SE236012	Doubting	21/01/1986	'BARNSLEY MBC'	terrestrial mammal	Mole
SE227010	Alderman Head	05/11/1995	'BARNSLEY MBC'	terrestrial mammal	Mole
SE227005	Hollin Wood	21/01/1996	'BARNSLEY MBC'	terrestrial mammal	Mole
SE227009	Alderman Head	21/01/1996	'BARNSLEY MBC'	terrestrial mammal	Mole
SE227004	Hollin Wood	10/01/2012	Hollin and Spring Woods LWS	terrestrial mammal	Mole

Nature Conservation Sites - 1km Buffer of Little Doubting Farm, Penistone SE 234 010

Date: 23/08/2012

