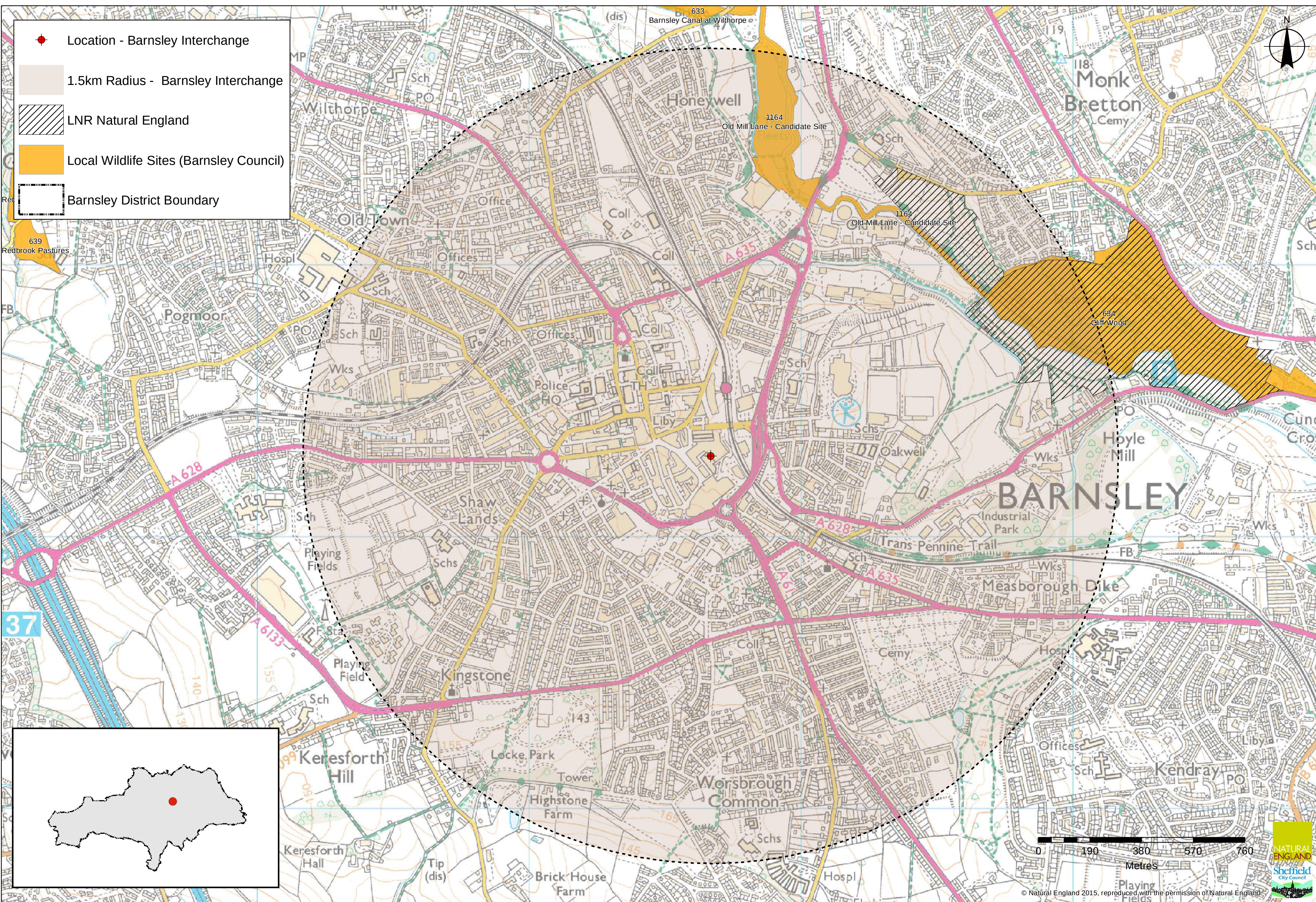
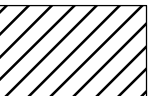




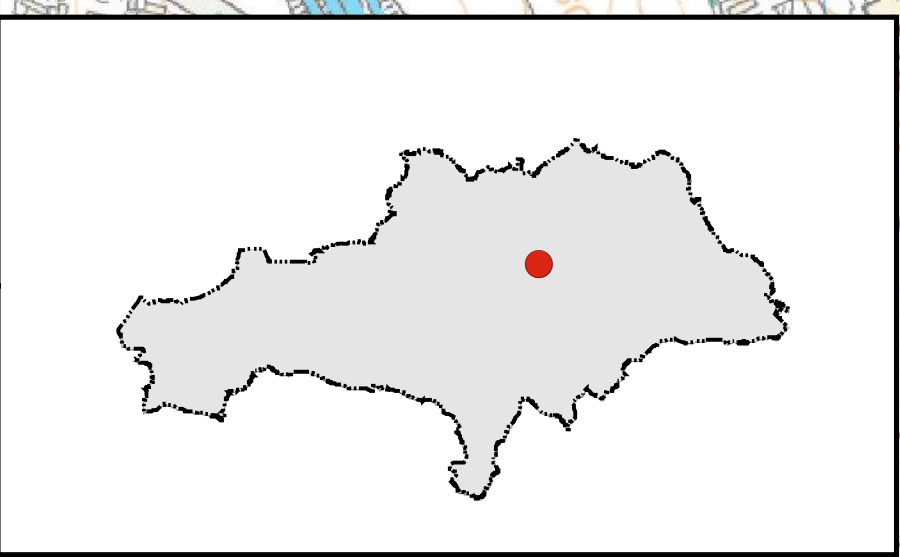
 Location - Barnsley Interchange

 1.5km Radius - Barnsley Interchange

 LNR Natural England

 Local Wildlife Sites (Barnsley Council)

 Barnsley District Boundary





## 26. Cliff Wood

### LWS Assessment and Phase 1 Survey

Prepared by  
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for

**Barnsley Metropolitan Borough Council**

January 2011  
(Edited December 2011)

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|                                  |                           |
|----------------------------------|---------------------------|
| <b>Site Name:</b>                | Cliff Wood                |
| <b>Site Area:</b>                | 32.27ha                   |
| <b>Survey Date:</b>              | August 2010               |
| <b>Nearest Settlement:</b>       | Cundy Cross, Monk Bretton |
| <b>Grid Reference at Centre:</b> | SE36220, 06805            |
| <b>Surveyor(s)</b>               | VG, LAC                   |

### **Site Description:**

Cliff Wood is located within Dearne Valley Park. It lies to the north of the River Dearne between Old Mill Lane, in the west, and Cundy Cross, to the east. The River Dearne flows in a generally easterly direction forming the southern boundary of Cliff Wood in places (TN8, TN11). Dearne Valley Park was established in 1980 and was designated as a Local Nature Reserve in 1996. This designation includes Cliff Wood, as it lies within the park. The site lies on a south-facing valley slope, ranging between approximately 35 and 75 metres above sea level.

Cliff Wood is underlain by coal measures sandstones, sedimentary rocks dating from the Carboniferous period, with outcrops in various spots throughout the site. The majority of the broadleaved woodland is dominated by oak and birch, with smaller amounts of other native species such as ash (*Fraxinus excelsior*), hawthorn (*Crataegus monogyna*), holly (*Ilex aquifolium*), hazel (*Corylus avellana*) and field maple (*Acer campestre*). Many of the specimens are stunted and multi-stemmed, both as a result of the thin acidic soils but also partly due to local collection of wood for fuel during various miners' strikes. The habitats are a mixture of semi-natural oak/birch woodland (TN2), diverse mixed plantations of native species (TN4, TN6) developed in the 1980's and an area of wet willow-dominated woodland.

There are also areas of open neutral grassland (TN1, TN3) and scrub, bodies of standing water with associated swamp habitat (TN5) and areas of parkland along the base of River Dearne valley.

The whole broad area is well-served by footpaths and provides a wild open space in close proximity to a large urban population.

### **Important Species:**

Sessile oak (*Quercus petraea*), wood speedwell (*Veronica montana*), bluebell (*Hyacinthoides non-scripta*), broadleaved helleborine (*Epipactis helleborine*), yellow archangel (*Lamiastrum galeobdolon*), small-leaved lime (*Tilia cordata*) and wood horsetail (*Equisetum sylvaticum*) are all present on the site. These species are considered as ancient woodland indicator species within South Yorkshire.

The Schedule 9 invasive alien species Japanese knotweed (*Fallopia japonica*) is present on the site, in addition to giant hogweed (*Heracleum mantegazzianum*) and Himalayan balsam (*Impatiens glandulifera*).

The site contains UKBAP breeding birds such as: willow tit (*Poecile montanus*), dunnock (*Prunella modularis*), bullfinch (*Pyrrhula pyrrhula*) and song thrush (*Turdus philomelos*).

| <b>Target Note:</b>                                                | TN1                             |           |
|--------------------------------------------------------------------|---------------------------------|-----------|
| <b>Habitat:</b>                                                    | Semi-improved neutral grassland |           |
| <b>Species List:</b>                                               |                                 |           |
| Scientific Name                                                    | Common Name                     | Frequency |
| <i>Arrhenatherum elatius</i>                                       | False Oat-grass                 | D         |
| <i>Calystegia silvatica</i>                                        | Large Bindweed                  | O         |
| <i>Cirsium arvense</i>                                             | Creeping Thistle                | O         |
| <i>Epilobium hirsutum</i>                                          | Great Willowherb                | O         |
| <i>Heracleum sphondylium</i>                                       | Hogweed                         | O         |
| <i>Rumex obtusifolius</i>                                          | Broad-leaved Dock               | O         |
| <i>Tanacetum vulgare</i>                                           | Tansy                           | O         |
| <i>Urtica dioica</i>                                               | Nettle                          | O         |
| <i>Arctium minus</i>                                               | Lesser Burdock                  | R         |
| <i>Artemisia absinthium</i>                                        | Wormwood                        | R         |
| <i>Centaurea nigra</i>                                             | Knapweed                        | R         |
| <i>Lamium album</i>                                                | White Dead-nettle               | R         |
| <i>Linaria vulgaris</i>                                            | Common Toadflax                 | R         |
| <i>Rubus fruticosus</i> agg.                                       | Bramble                         | R         |
| D = Dominant, A = Abundant, F = Frequent, O = Occasional, R = Rare |                                 |           |

| <b>Target Note:</b>                     | TN2                               |           |
|-----------------------------------------|-----------------------------------|-----------|
| <b>Habitat:</b>                         | Semi-natural broadleaved woodland |           |
| <b>Species List:</b>                    |                                   |           |
| Scientific Name                         | Common Name                       | Frequency |
| <i>Betula pendula</i>                   | Silver Birch                      | A         |
| <i>Holcus mollis</i>                    | Creeping Soft-grass               | A         |
| <b><i>Quercus petraea</i></b>           | <b>Sessile Oak</b>                | <b>A</b>  |
| <i>Pteridium aquilinum</i>              | Bracken                           | F         |
| <i>Arrhenatherum elatius</i>            | False Oat-grass                   | O         |
| <i>Corylus avellana</i>                 | Hazel                             | O         |
| <i>Crataegus monogyna</i>               | Hawthorn                          | O         |
| <i>Deschampsia flexuosa</i>             | Wavy Hair-grass                   | O         |
| <i>Elymus caninus</i>                   | Bearded Couch                     | O         |
| <i>Hedera helix</i>                     | Ivy                               | O         |
| <b><i>Hyacinthoides non-scripta</i></b> | <b>Bluebell</b>                   | <b>O</b>  |
| <i>Moss sp.</i>                         | Moss species                      | O         |
| <i>Quercus robur</i>                    | English Oak                       | O         |
| <i>Rubus fruticosus</i> agg.            | Bramble                           | O         |
| <i>Teucrium scorodonium</i>             | Woodsage                          | O         |
| <b><i>Veronica montana</i></b>          | <b>Wood Speedwell</b>             | <b>O</b>  |
| <i>Acer campestre</i>                   | Field Maple                       | R         |
| <i>Acer pseudoplatanus</i>              | Sycamore                          | R         |
| <i>Aesculus hippocastanum</i>           | Horse-chestnut                    | R         |
| <i>Alliaria petiolata</i>               | Garlic Mustard                    | R         |
| <i>Alnus incana</i>                     | Grey Alder                        | R         |
| <i>Arum maculatum</i>                   | Lords-and-Ladies                  | R         |
| <i>Crepis capillaris</i>                | Smooth Hawk's-beard               | R         |
| <i>Dryopteris dilatata</i>              | Broad Buckler-fern                | R         |
| <i>Dryopteris filix-mas</i>             | Male-fern                         | R         |
| <b><i>Epipactis helleborine</i></b>     | <b>Broad-leaved Helleborine</b>   | <b>R</b>  |
| <i>Fraxinus excelsior</i>               | Ash                               | R         |
| <i>Geranium robertianum</i>             | Herb-Robert                       | R         |
| <i>Geum urbanum</i>                     | Wood Avens                        | R         |
| <i>Hypericum pulchrum</i>               | Slender St John's-wort            | R         |
| <i>Ilex aquifolium</i>                  | Holly                             | R         |
| <b><i>Lamiastrum galeobdolon</i></b>    | <b>Yellow Archangel</b>           | <b>R</b>  |
| <i>Lonicera periclymenum</i>            | Honeysuckle                       | R         |
| <i>Populus alba</i>                     | White Poplar                      | R         |
| <i>Populus candicans</i>                | Balsam Poplar                     | R         |

|                             |                          |          |
|-----------------------------|--------------------------|----------|
| <i>Rosa canina</i> agg.     | Dog Rose                 | R        |
| <i>Salix alba</i>           | White Willow             | R        |
| <i>Sambucus nigra</i>       | Elder                    | R        |
| <i>Sorbus aucuparia</i>     | Rowan                    | R        |
| <i>Stachys sylvatica</i>    | Hedge Woundwort          | R        |
| <b><i>Tilia cordata</i></b> | <b>Small-leaved Lime</b> | <b>R</b> |
| <i>Viburnum opulus</i>      | Guelder-rose             | R        |

D = Dominant, A = Abundant, F = Frequent, O = Occasional, R = Rare

| <b>Target Note:</b>                                                | TN3                                         |           |
|--------------------------------------------------------------------|---------------------------------------------|-----------|
| <b>Habitat:</b>                                                    | Modified neutral grassland, scattered scrub |           |
| <b>Species List:</b>                                               |                                             |           |
| Scientific Name                                                    | Common Name                                 | Frequency |
| <i>Arrhenatherum elatius</i>                                       | False Oat-grass                             | D         |
| <i>Cirsium arvense</i>                                             | Creeping Thistle                            | F         |
| <i>Centaurea nigra</i>                                             | Knapweed                                    | O         |
| <i>Dactylis glomerata</i>                                          | Cock's-foot                                 | O         |
| <i>Equisetum arvense</i>                                           | Field Horsetail                             | O         |
| <i>Heracleum sphondylium</i>                                       | Hogweed                                     | O         |
| <i>Holcus lanatus</i>                                              | Yorkshire-fog                               | O         |
| <i>Lolium perenne</i>                                              | Ryegrass                                    | O         |
| <i>Poa annua</i>                                                   | Annual Meadow-grass                         | O         |
| <i>Poa trivialis</i>                                               | Rough Meadow-grass                          | O         |
| <i>Pteridium aquilinum</i>                                         | Bracken                                     | O         |
| <i>Rubus fruticosus</i> agg.                                       | Bramble                                     | O         |
| <i>Tanacetum vulgare</i>                                           | Tansy                                       | O         |
| <i>Taraxacum</i> sp.                                               | Dandelion                                   | O         |
| <i>Trifolium pratense</i>                                          | Red Clover                                  | O         |
| <i>Trifolium repens</i>                                            | White Clover                                | O         |
| <i>Crepis capillaris</i>                                           | Smooth Hawk's-beard                         | R         |
| <i>Cytisus scoparius</i>                                           | Broom                                       | R         |
| <i>Hypericum perforatum</i>                                        | Perforate St John's-wort                    | R         |
| <i>Hypochaeris radicata</i>                                        | Common Cat's-ear                            | R         |
| <i>Odontites verna</i>                                             | Red Bartsia                                 | R         |
| <i>Plantago lanceolata</i>                                         | Ribwort Plantain                            | R         |
| <i>Plantago major</i>                                              | Greater Plantain                            | R         |
| <i>Rumex obtusifolius</i>                                          | Broad-leaved Dock                           | R         |
| D = Dominant, A = Abundant, F = Frequent, O = Occasional, R = Rare |                                             |           |

| <b>Target Note:</b>                  | TN4                      |           |
|--------------------------------------|--------------------------|-----------|
| <b>Habitat:</b>                      | Broadleaved plantation   |           |
| <b>Species List:</b>                 |                          |           |
| Scientific Name                      | Common Name              | Frequency |
| <i>Agrostis stolonifera</i>          | Creeping Bent            | A         |
| <i>Agrostis capillaris</i>           | Common Bent              | F         |
| <i>Arrhenatherum elatius</i>         | False Oat-grass          | F         |
| <i>Dactylis glomerata</i>            | Cock's-foot              | F         |
| <b><i>Fallopia japonica</i></b>      | <b>Japanese Knotweed</b> | <b>F</b>  |
| <b><i>Impatiens glandulifera</i></b> | <b>Himalayan Balsam</b>  | <b>F</b>  |
| <i>Quercus robur</i>                 | English Oak              | F         |
| <i>Salix alba</i>                    | White Willow             | F         |
| <i>Artemisia vulgaris</i>            | Mugwort                  | O         |
| <i>Calystegia</i> sp.                | Bindweed species         | O         |
| <i>Cirsium arvense</i>               | Creeping Thistle         | O         |
| <i>Elymus caninus</i>                | Bearded Couch            | O         |
| <i>Fraxinus excelsior</i>            | Ash                      | O         |
| <i>Geum urbanum</i>                  | Wood Avens               | O         |
| <i>Plantago major</i>                | Greater Plantain         | O         |
| <i>Prunus avium</i>                  | Wild Cherry              | O         |
| <i>Ranunculus repens</i>             | Creeping Buttercup       | O         |
| <i>Rubus fruticosus</i> agg.         | Bramble                  | O         |

|                                    |                         |          |
|------------------------------------|-------------------------|----------|
| <i>Scrophularia nodosa</i>         | Common Figwort          | O        |
| <i>Symphytum x uplandicum</i>      | Russian Comfrey         | O        |
| <i>Urtica dioica</i>               | Nettle                  | O        |
| <i>Acer sp.</i>                    | Maple species           | R        |
| <i>Alnus glutinosa</i>             | Alder                   | R        |
| <i>Arctium minus</i>               | Lesser Burdock          | R        |
| <i>Centaurea nigra</i>             | Knapweed                | R        |
| <i>Cirsium vulgare</i>             | Spear Thistle           | R        |
| <i>Crataegus monogyna</i>          | Hawthorn                | R        |
| <i>Epilobium montanum</i>          | Broad-leaved Willowherb | R        |
| <b><i>Equisetum sylvaticum</i></b> | <b>Wood Horsetail</b>   | <b>R</b> |
| <i>Lamium album</i>                | White Dead-nettle       | R        |
| <i>Lathyrus pratensis</i>          | Meadow Vetchling        | R        |
| <i>Malus domestica</i>             | Apple                   | R        |
| <i>Phleum pratense</i>             | Timothy                 | R        |
| <i>Plantago lanceolata</i>         | Ribwort Plantain        | R        |
| <i>Potentilla reptans</i>          | Creeping Cinquefoil     | R        |
| <i>Rumex conglomeratus</i>         | Clustered Dock          | R        |
| <i>Silene dioica</i>               | Red Campion             | R        |
| <i>Solidago virgaurea</i>          | Goldenrod               | R        |
| <i>Sorbus aucuparia</i>            | Rowan                   | R        |
| <i>Stachys sylvatica</i>           | Hedge Woundwort         | R        |
| <i>Tanacetum vulgare</i>           | Tansy                   | R        |

D = Dominant, A = Abundant, F = Frequent, O = Occasional, R = Rare

| Target Note:                    | TN5                      |           |
|---------------------------------|--------------------------|-----------|
| Habitat:                        | Swamp, scattered scrub   |           |
| Species List:                   |                          |           |
| Scientific Name                 | Common Name              | Frequency |
| <i>Typha latifolia</i>          | Greater Reedmace         | D         |
| <i>Berula erecta</i>            | Lesser Water-parsnip     | F         |
| <i>Epilobium hirsutum</i>       | Great Willowherb         | F         |
| <b><i>Fallopia japonica</i></b> | <b>Japanese Knotweed</b> | <b>F</b>  |
| <i>Iris pseudacorus</i>         | Yellow Flag Iris         | F         |
| <i>Juncus inflexus</i>          | Hard Rush                | F         |
| <i>Mentha aquatica</i>          | Water Mint               | F         |
| <i>Agrostis stolonifera</i>     | Creeping Bent            | O         |
| <i>Carex otrubae</i>            | False Fox-sedge          | O         |
| <i>Crataegus monogyna</i>       | Hawthorn                 | O         |
| <i>Deschampsia cespitosa</i>    | Tufted Hair-grass        | O         |
| <i>Fagus sylvatica</i>          | Beech                    | O         |
| <i>Hypochaeris radicata</i>     | Common Cat's-ear         | O         |
| <i>Juncus effusus</i>           | Soft Rush                | O         |
| <i>Lycopus europaeus</i>        | Gypsywort                | O         |
| <i>Plantago lanceolata</i>      | Ribwort Plantain         | O         |
| <i>Quercus robur</i>            | English Oak              | O         |
| <i>Rosa canina</i> agg.         | Dog Rose                 | O         |
| <i>Salix alba</i>               | White Willow             | O         |
| <i>Salix caprea</i>             | Goat Willow              | O         |
| <i>Salix fragilis</i>           | Crack Willow             | O         |
| <i>Phleum pratense</i>          | Timothy                  | R         |
| <i>Scrophularia auriculata</i>  | Water Betony             | R         |

D = Dominant, A = Abundant, F = Frequent, O = Occasional, R = Rare

| <b>Target Note:</b>                                                | TN6                    |           |
|--------------------------------------------------------------------|------------------------|-----------|
| <b>Habitat:</b>                                                    | Broadleaved plantation |           |
| <b>Species List:</b>                                               |                        |           |
| Scientific Name                                                    | Common Name            | Frequency |
| <i>Crataegus monogyna</i>                                          | Hawthorn               | D         |
| <i>Prunus spinosa</i>                                              | Blackthorn             | A         |
| <i>Acer campestre</i>                                              | Field Maple            | O         |
| <i>Corylus avellana</i>                                            | Hazel                  | O         |
| <i>Betula pendula</i>                                              | Silver Birch           | R         |
| D = Dominant, A = Abundant, F = Frequent, O = Occasional, R = Rare |                        |           |

| <b>Target Note:</b>                                                | TN7                    |           |
|--------------------------------------------------------------------|------------------------|-----------|
| <b>Habitat:</b>                                                    | Broadleaved plantation |           |
| <b>Species List:</b>                                               |                        |           |
| Scientific Name                                                    | Common Name            | Frequency |
| <i>Tilia sp.</i>                                                   | Lime species           | A         |
| <i>Acer pseudoplatanus</i>                                         | Sycamore               | O         |
| <i>Aesculus hippocastanum</i>                                      | Horse-chestnut         | O         |
| <i>Alnus incana</i>                                                | Grey Alder             | O         |
| <i>Fagus sylvatica</i>                                             | Beech                  | O         |
| <i>Populus alba</i>                                                | White Poplar           | O         |
| D = Dominant, A = Abundant, F = Frequent, O = Occasional, R = Rare |                        |           |

| <b>Target Note:</b>                                                | TN8                                             |           |
|--------------------------------------------------------------------|-------------------------------------------------|-----------|
| <b>Habitat:</b>                                                    | Scattered trees, scattered scrub, running water |           |
| <b>Species List:</b>                                               |                                                 |           |
| Scientific Name                                                    | Common Name                                     | Frequency |
| <i>Alnus glutinosa</i>                                             | Alder                                           | A         |
| <i>Crataegus monogyna</i>                                          | Hawthorn                                        | F         |
| <i>Salix caprea</i>                                                | Goat Willow                                     | F         |
| <i>Acer pseudoplatanus</i>                                         | Sycamore                                        | F         |
| <i>Betula pendula</i>                                              | Silver Birch                                    | O         |
| <b><i>Hyacinthoides non-scripta</i></b>                            | <b>Bluebell</b>                                 | <b>O</b>  |
| <i>Prunus avium</i>                                                | Wild Cherry                                     | O         |
| <b><i>Quercus petraea</i></b>                                      | <b>Sessile Oak</b>                              | <b>O</b>  |
| <i>Quercus robur</i>                                               | English Oak                                     | O         |
| <i>Salix cinerea</i>                                               | Grey Willow                                     | O         |
| <i>Salix fragilis</i>                                              | Crack Willow                                    | O         |
| <i>Salix viminalis</i>                                             | Osier                                           | O         |
| <i>Sambucus nigra</i>                                              | Elder                                           | O         |
| <i>Sorbus aucuparia</i>                                            | Rowan                                           | O         |
| <i>Viburnum opulus</i>                                             | Guelder-rose                                    | O         |
| D = Dominant, A = Abundant, F = Frequent, O = Occasional, R = Rare |                                                 |           |

| <b>Target Note:</b>                                                | TN11                                            |           |
|--------------------------------------------------------------------|-------------------------------------------------|-----------|
| <b>Habitat:</b>                                                    | Scattered trees, scattered scrub, running water |           |
| <b>Species List:</b>                                               |                                                 |           |
| Scientific Name                                                    | Common Name                                     | Frequency |
| <i>Acer pseudoplatanus</i>                                         | Sycamore                                        | A         |
| <i>Acer platanoides</i>                                            | Norway Maple                                    | F         |
| <i>Alnus glutinosa</i>                                             | Alder                                           | F         |
| <i>Prunus avium</i>                                                | Wild Cherry                                     | F         |
| <i>Alnus incana</i>                                                | Grey Alder                                      | O         |
| <i>Prunus sp.</i>                                                  | Cherry species                                  | O         |
| <i>Quercus robur</i>                                               | English Oak                                     | O         |
| <i>Quercus rubra</i>                                               | Red Oak                                         | O         |
| <i>Salix caprea</i>                                                | Goat Willow                                     | O         |
| <i>Salix fragilis</i>                                              | Crack Willow                                    | O         |
| <i>Salix viminalis</i>                                             | Osier                                           | O         |
| <i>Sambucus nigra</i>                                              | Elder                                           | O         |
| <i>Sorbus aucuparia</i>                                            | Rowan                                           | O         |
| <i>Acer sp.</i>                                                    | Maple species                                   | R         |
| D = Dominant, A = Abundant, F = Frequent, O = Occasional, R = Rare |                                                 |           |

### **Management Issues:**

Under the past 'Fuelling a Revolution' programme, a plan for woodland restoration and access improvement was completed which restored woodland habitats and maximised educational and recreational potential. Areas of closed tree canopy are being opened up by selective felling, allowing light to reach the woodland floor to encourage growth of woodland wildflowers and young trees, particularly of native species typical of ancient semi-natural broad-leaved woodlands.

Barnsley Council is also maintaining and improving the footpath network and wheelchair access, as part of a plan to raise awareness of the history and natural history, recreational potential, interpretation and management of the site.

Invasive species are present in the site including Japanese knotweed, giant hogweed and Himalayan balsam.

### **Diversity:**

The old established woodlands on this acidic slope hold a wide range of locally native species. Newer plantations have added a wider range of native trees and shrubs to the site. Both species and structural diversity are enhanced by the mix of open grassy areas, developing scrub, stands of tall ruderal herbs, swampy areas and both still and running water habitats.

Parts of the woodlands appear to have considerable age as well as a complex history of past use, all adding to the levels of diversity within the site.

### **Naturalness:**

The sloping woodlands are generally quite natural in character. Most of the plantation areas are in the flatter valley bottom. Human intervention is much more evident here, with waterbodies created and the river course managed as well as areas maintained as grassland.

The river banks in particular support a range of non-native species, including the invasive alien Japanese knotweed (*Fallopia japonica*), giant hogweed (*Heracleum mantegazzianum*) and Himalayan balsam (*Impatiens glandulifera*).

### **Rare or Exceptional Features:**

The range of semi-natural broadleaved woodlands and the species that they support form a major asset of this site. The topography and location of this site also makes it ideal for gaining an overview of the Dearne Valley and the nearby centre of Barnsley beyond. The rock outcrops allow a view of the underlying geology.

### **Fragility:**

Woodland has survived on this site for many centuries and is a robust habitat in this location. Management plans should help prevent typical species being lost through the canopy becoming too dense and shading.

In the event of economic down turn, it is quite possible that the woodland may once again be called on to provide domestic fuel for local people, although the proportion of houses with open fires is now much reduced.

The proximity of large residential areas also enhances the possibility of fly-tipping and other damage, but good management locally appears to control much of this.

The river course is always open to potential contamination from activities along its banks

### **Typicalness:**

The semi-natural woodlands on the site's slopes appear to be typical of local acidic conditions, mainly being a mix of W16 oak species-birch species-wavy hairgrass (*Deschampsia flexuosa*) community and W10 oak (*Quercus robur*) – bracken (*Pteridium aquilinum*) - bramble (*Rubus fruticosus*) community.

The range of habitats here, both semi-natural and man-made, are typical for developed parts of the Dearne valley.

### **Recorded History & Cultural Associations:**

The history of Cliff Wood can be linked back to the Cluniac and Benedictine monks who inhabited Monk Bretton priory, just over 1km downstream from this site, from the 12th century up to the dissolution.

Timber from the wood has long been used in local coal mining and iron ore production. Numerous collieries developed along this stretch of the River Dearne and they were associated with large numbers of railway lines running from all points of the compass, curving and crossing one another to reach each colliery. One of the largest collieries locally was the Barnsley Oaks Colliery, whose disused site can be seen just south of the River Dearne.

The collieries have left their impact on the landscape in the form of linear earthworks that have often become the route for new footpaths throughout the area. In the case of this site, this is also true for the course of the Dearne and Barnsley Canal; the route of the in-filled canal forms a grassy glade now used as a footpath curving through the site's woodlands.

### **Connectivity within the Landscape:**

Dense residential development dominates the whole of the long northern boundary of the site, with the southern edge being bounded by the course of the River Dearne. There are close links to the urban and suburban habitats to the north of the site and the Dearne Valley provides links to wider areas east and west of the site, with the valley comprising a major wildlife corridor.

There are also many links within the site, up and down the slopes and along the valley bottom, interlinking the range of habitat types present here. South of the river, there are wide swathes of post-industrial land forming developing areas of open space.

### **Value for appreciation of Nature and Learning:**

This site is very close to centres of population and is very accessible with various options for parking and good internal access. One major path (accessible to people in wheelchairs) leads north from the Pontefract Road car park across the River Dearne and past the lakes of Dearne Valley Park to the southern edge of Cliff Wood. For access to the northern part of the site, there is parking in various side streets off Rotherham Road.

A network of paths gives good access to the great majority of the site. Access in the southern, flatter half of the site is generally straightforward but some paths towards the northern edge of the site can be steep in places. The flat, wide, grassy route of the old canal route provides easy access from west to east through the centre of the site.

Educational use of the site is facilitated by a range of available information packs covering a wide range of subject areas and Key Stages. The Dearne Way follows the river course from east to west, linking into a local network of public footpaths, giving good pedestrian access into and throughout the site.

### **Recommendations:**

This site contains a number of ancient woodland indicator species and has been subject to improved management and a programme of interpretation.

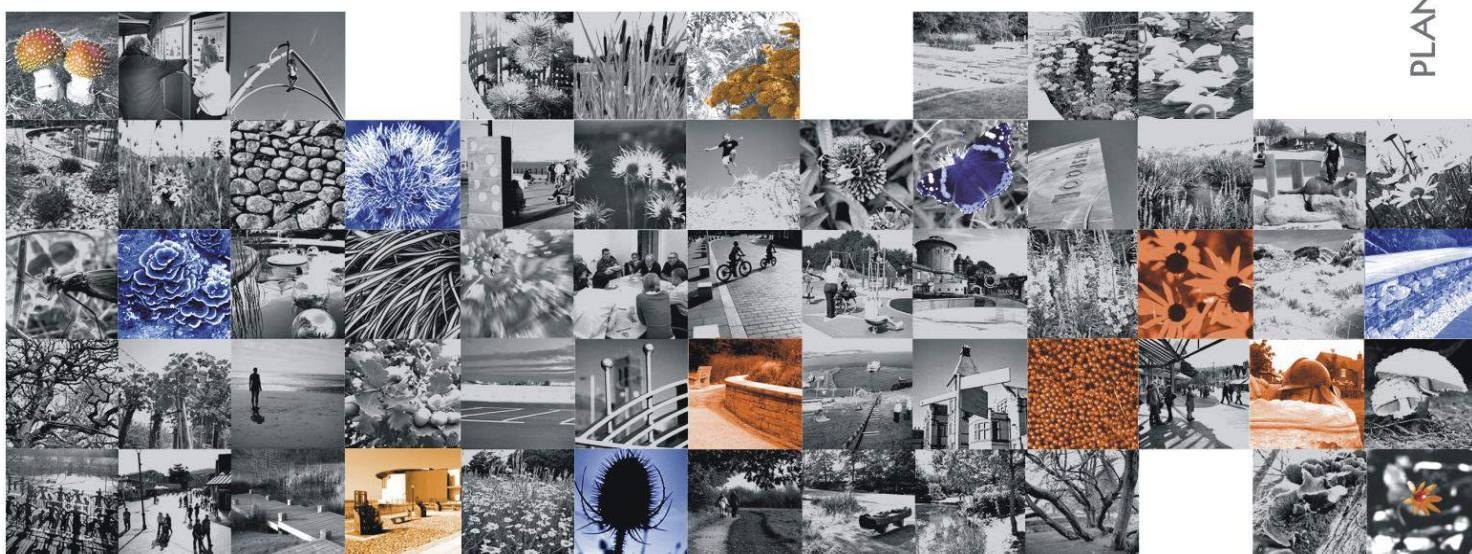
Its size and wealth of flora and historical interest indicate that this site is an important part of the Borough's biodiversity resource and should be considered as such.

### **Action:**

Retain as a Local Wildlife Site

Seek to control the invasive/alien species that are on the site





# 54. Old Mill Lane Culvert Bat Roost

## LWS Assessment and Phase 1 Survey

Prepared by  
**TEP**

for

**Barnsley Metropolitan Borough Council**

January 2011  
(Edited December 2011)

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|                                  |                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>Site Name:</b>                | Old Mill Lane Culvert Bat Roost                                                                                    |
| <b>Site Area:</b>                | 10.27ha                                                                                                            |
| <b>Survey Date:</b>              | September 2010                                                                                                     |
| <b>Nearest Settlement:</b>       | Honeywell, Smithies                                                                                                |
| <b>Grid Reference at Centre:</b> | SE34979, 07486                                                                                                     |
| <b>Surveyor(s)</b>               | LAC, VG, RH (2010)<br>Eric Bennett, Bat Consultancy (Mar 2004)<br>Pete Middleton, Environmental Consultancy (2011) |

### **Site Description:**

This site is located on the River Dearne, where it flows in a south-easterly direction just to the north-east of Barnsley Town Centre. The valley is crossed by the A61, heading from the town centre. The river contains a series of culverts associated with the road, the river and former mill races. The main culvert is approximately 2m wide by 1.5m and is estimated to be 90m long. It runs parallel to Old Mill Road to the former mill site and contains five side tunnels along its length which pass beneath Old Mill Road. Since 1990 this culvert has been known to support an important maternity roost for Daubenton's bat (*Myotis daubentonii*). The colony emerges from the grilled culvert entrance to feed along the river course and over the large waterbody at The Fleets (TN4), lying within the site boundary to the north-west of the A61.

The course of the Dearne is tree-lined, both upstream and downstream of the A61 bridge, with broader woodlands and plantations outside the site boundaries downstream. Downstream, the site is confined to a narrow strip along the river course where the banks have a lot of sycamore (*Acer pseudoplatanus*) and ash (*Fraxinus excelsior*) in the stretch as far east as the gasworks. Beyond that, to the south-east, the banks are lower with silver birch (*Betula pendula*) and goat willow (*Salix caprea*) dominated scrub/woodland with taller alders (*Alnus glutinosa*) along the river edge.

Upstream of the A61 the landscape of the floodplain opens out into recreation grounds and bodies of standing water. There is still a fringe of mixed deciduous tree growth along the heavily modified river banks to the north-west of the A61 bridge. Giant hogweed (*Heracleum mantegazzianum*) was noted both upstream and downstream of Old Mill Lane.

South of The Fleets there is a large area of plantation within the site (TN7), north-east of the superstore. There is also broadleaved woodland present on the opposite bank of the Dearne (TN8). Former lagoons (TN6) that survive as tree-lined bodies of standing water are also present south of The Fleets. The Fleets is a large open waterbody with generally sparsely vegetated banks and little marginal vegetation present. The margins which are vegetated contain mainly reed sweet-grass (*Glyceria maxima*) and great willowherb (*Epilobium hirsutum*). As well as being used as a foraging resource for local bats, these waters are also fished by local anglers. There is a neutral grassland dominated bank with scattered trees and scrub (TN3, TN5) located between the large waterbody and the river. To the north scattered growth continues along the river course and there is some goat willow scrub (TN1, TN2). North-west of Smithies Lane the valley opens out into a much more rural landscape, beyond the site boundaries.

### Important Species:

Daubenton's bat is a European protected species (receiving full protection in the UK under the Conservation of Habitats and Species Regulations 2010) and also receives some protection under the wildlife and Countryside Act 1981 as amended. All bats are considered as Local Biodiversity Action Plan Priority species. The Daubenton's colony which occupies the culvert near the bridge of the A61 is a maternity colony. Counts in September 2010, near the end of the maternity season, confirmed 67 bats exiting via the grilled culvert entrance. Significant proportions of the colony turned immediately to pass under the bridge, foraging along the river corridor to The Fleets. Smaller numbers also headed downstream. Common pipistrelle (*Pipistrellus pipistrellus*) were also abundant and foraging upstream and downstream of the culvert.

Giant hogweed is a Schedule 9 listed invasive species and poses a risk to public health and safety. Japanese knotweed and Himalayan balsam, also Schedule 9 species, occur throughout the site along the river banks and under the tree cover

The corridor supports breeding kingfisher (*Alcedo atthis*) a schedule 1 species, UKBAP breeding willow tit (*Poecile montanus*), bullfinch (*Pyrrhula pyrrhula*) and song thrush (*Turdus philomelos*).

Additionally, otter (*Lutra lutra*) has been recorded in 2011 on the River Dearne.

| <b>Target Note:</b>                  | TN1                       |           |
|--------------------------------------|---------------------------|-----------|
| <b>Habitat:</b>                      | Scattered scrub and trees |           |
| <b>Species List:</b>                 |                           |           |
| Scientific Name                      | Common Name               | Frequency |
| <i>Crataegus monogyna</i>            | Hawthorn                  | D         |
| <i>Acer pseudoplatanus</i>           | Sycamore                  | F         |
| <b><i>Impatiens glandulifera</i></b> | <b>Himalayan Balsam</b>   | <b>F</b>  |
| <i>Rubus fruticosus</i> agg.         | Bramble                   | F         |
| <i>Salix caprea</i>                  | Goat Willow               | F         |
| <i>Salix fragilis</i>                | Crack Willow              | F         |
| <i>Sambucus nigra</i>                | Elder                     | F         |
| <i>Urtica dioica</i>                 | Nettle                    | F         |
| <i>Alliaria petiolata</i>            | Garlic Mustard            | O         |
| <i>Angelica sylvestris</i>           | Wild Angelica             | O         |
| <i>Artemisia vulgaris</i>            | Mugwort                   | O         |
| <i>Betula pendula</i>                | Silver Birch              | O         |
| <i>Corylus avellana</i>              | Hazel                     | O         |
| <i>Dryopteris filix-mas</i>          | Male-fern                 | O         |
| <i>Elymus caninus</i>                | Bearded Couch             | O         |
| <i>Epilobium hirsutum</i>            | Great Willowherb          | O         |
| <i>Geum urbanum</i>                  | Wood Avens                | O         |
| <i>Rosa canina</i> agg.              | Dog Rose                  | O         |
| <i>Rubus idaeus</i>                  | Raspberry                 | O         |
| <i>Stachys sylvatica</i>             | Hedge Woundwort           | O         |
| <i>Symphytum x uplandicum</i>        | Russian Comfrey           | O         |
| <i>Tanacetum vulgare</i>             | Tansy                     | O         |
| <i>Aegopodium podagraria</i>         | Ground-elder              | R         |
| <i>Circaea lutetiana</i>             | Enchanter's Nightshade    | R         |
| <i>Fraxinus excelsior</i>            | Ash                       | R         |
| <i>Malva moschata</i>                | Musk Mallow               | R         |
| <i>Phyllitis scolopendrium</i>       | Hart's-tongue             | R         |
| <i>Silene dioica</i>                 | Red Campion               | R         |
| <b><i>Stellaria holostea</i></b>     | <b>Greater Stitchwort</b> | <b>R</b>  |

D = Dominant, A = Abundant, F = Frequent, O = Occasional, R = Rare

| <b>Target Note:</b>                                                | TN2               |           |
|--------------------------------------------------------------------|-------------------|-----------|
| <b>Habitat:</b>                                                    | Neutral grassland |           |
| <b>Species List:</b>                                               |                   |           |
| Scientific Name                                                    | Common Name       | Frequency |
| <i>Agrostis stolonifera</i>                                        | Creeping Bent     | F         |
| <i>Arrhenatherum elatius</i>                                       | False Oat-grass   | F         |
| <i>Dactylis glomerata</i>                                          | Cock's-foot       | F         |
| <i>Holcus lanatus</i>                                              | Yorkshire-fog     | F         |
| <i>Plantago lanceolata</i>                                         | Ribwort Plantain  | F         |
| <i>Trifolium pratense</i>                                          | Red Clover        | F         |
| <i>Achillea millefolium</i>                                        | Yarrow            | O         |
| <i>Anthriscus sylvestris</i>                                       | Cow Parsley       | O         |
| <i>Arctium minus</i>                                               | Lesser Burdock    | O         |
| <i>Centaurea nigra</i>                                             | Knapweed          | O         |
| <i>Elytrigia repens</i>                                            | Common Couch      | O         |
| <i>Festuca rubra</i>                                               | Red Fescue        | O         |
| <i>Heracleum sphondylium</i>                                       | Hogweed           | O         |
| <i>Hypochaeris radicata</i>                                        | Common Cat's-ear  | O         |
| <i>Lolium perenne</i>                                              | Ryegrass          | O         |
| <i>Odontites verna</i>                                             | Red Bartsia       | O         |
| <i>Plantago major</i>                                              | Greater Plantain  | O         |
| <i>Tanacetum vulgare</i>                                           | Tansy             | O         |
| <i>Taraxacum</i> sp.                                               | Dandelion species | O         |
| <i>Taraxacum</i> sp.                                               | Dandelion         | O         |
| <i>Medicago lupulina</i>                                           | Black Medick      | R         |
| <i>Senecio jacobaea</i>                                            | Ragwort           | R         |
| D = Dominant, A = Abundant, F = Frequent, O = Occasional, R = Rare |                   |           |

| <b>Target Note:</b>                    | TN3                      |           |
|----------------------------------------|--------------------------|-----------|
| <b>Habitat:</b>                        | Broadleaved woodland     |           |
| <b>Species List:</b>                   |                          |           |
| Scientific Name                        | Common Name              | Frequency |
| <i>Acer pseudoplatanus</i>             | Sycamore                 | A         |
| <b><i>Fallopia japonica</i></b>        | <b>Japanese Knotweed</b> | <b>A</b>  |
| <i>Fraxinus excelsior</i>              | Ash                      | A         |
| <i>Arrhenatherum elatius</i>           | False Oat-grass          | F         |
| <i>Chamerion angustifolium</i>         | Rosebay Willowherb       | F         |
| <i>Dactylis glomerata</i>              | Cock's-foot              | F         |
| <b><i>Impatiens glandulifera</i></b>   | <b>Himalayan Balsam</b>  | <b>F</b>  |
| <i>Rubus fruticosus</i> agg.           | Bramble                  | F         |
| <i>Urtica dioica</i>                   | Nettle                   | F         |
| <i>Alnus glutinosa</i>                 | Alder                    | O         |
| <i>Artemisia vulgaris</i>              | Mugwort                  | O         |
| <i>Betula pendula</i>                  | Silver Birch             | O         |
| <i>Centaurea nigra</i>                 | Knapweed                 | O         |
| <i>Corylus avellana</i>                | Hazel                    | O         |
| <i>Crataegus monogyna</i>              | Hawthorn                 | O         |
| <i>Dryopteris filix-mas</i>            | Male-fern                | O         |
| <i>Elymus caninus</i>                  | Bearded Couch            | O         |
| <i>Festuca rubra</i>                   | Red Fescue               | O         |
| <b><i>Heracleum mantegazzianum</i></b> | <b>Giant Hogweed</b>     | <b>O</b>  |
| <i>Leucanthemum vulgare</i>            | Oxeye daisy              | O         |
| <i>Rosa canina</i> agg.                | Dog Rose                 | O         |
| <i>Salix caprea</i>                    | Goat Willow              | O         |
| <i>Salix fragilis</i>                  | Crack Willow             | O         |
| <i>Sambucus nigra</i>                  | Elder                    | O         |
| <i>Symphytum x uplandicum</i>          | Russian Comfrey          | O         |
| <i>Tanacetum vulgare</i>               | Tansy                    | O         |
| <i>Cornus sanguinea</i>                | Dogwood                  | R         |

|                                |                          |          |
|--------------------------------|--------------------------|----------|
| <i>Hypericum perforatum</i>    | Perforate St John's-wort | R        |
| <i>Linaria vulgaris</i>        | Common Toadflax          | R        |
| <b><i>Quercus petraea</i></b>  | <b>Sessile Oak</b>       | <b>R</b> |
| <i>Scrophularia auriculata</i> | Water Betony             | R        |

D = Dominant, A = Abundant, F = Frequent, O = Occasional, R = Rare

| <b>Target Note:</b>                                                | TN4               |           |
|--------------------------------------------------------------------|-------------------|-----------|
| <b>Habitat:</b>                                                    | Open water, swamp |           |
| <b>Species List:</b>                                               |                   |           |
| Scientific Name                                                    | Common Name       | Frequency |
| <i>Glyceria maxima</i>                                             | Reed Sweet-grass  | D         |
| <i>Epilobium hirsutum</i>                                          | Great Willowherb  | F         |
| <i>Lycopus europaeus</i>                                           | Gypsywort         | O         |
| <i>Salix fragilis</i>                                              | Crack Willow      | O         |
| <i>Stachys palustris</i>                                           | Marsh Woundwort   | O         |
| <i>Typha latifolia</i>                                             | Greater Reedmace  | O         |
| D = Dominant, A = Abundant, F = Frequent, O = Occasional, R = Rare |                   |           |

|                              |                                  |           |  |
|------------------------------|----------------------------------|-----------|--|
| Target Note:                 | TN5                              |           |  |
| Habitat:                     | Scattered scrub, scattered trees |           |  |
| Species List:                |                                  |           |  |
| Scientific Name              | Common Name                      | Frequency |  |
| <i>Crataegus monogyna</i>    | Hawthorn                         | D         |  |
| <i>Salix fragilis</i>        | Crack Willow                     | D         |  |
| <i>Rubus fruticosus</i> agg. | Bramble                          | F         |  |
| <i>Urtica dioica</i>         | Nettle                           | F         |  |
| <i>Alnus glutinosa</i>       | Alder                            | O         |  |
| <i>Corylus avellana</i>      | Hazel                            | O         |  |
| <i>Salix caprea</i>          | Goat Willow                      | O         |  |
| <i>Sambucus nigra</i>        | Elder                            | O         |  |
| <i>Acer platanoides</i>      | Norway Maple                     | R         |  |
| <i>Calystegia silvatica</i>  | Large Bindweed                   | R         |  |
| <i>Geum urbanum</i>          | Wood Avens                       | R         |  |

D = Dominant, A = Abundant, F = Frequent, O = Occasional, R = Rare

| <b>Target Note:</b>           | TN6                         |           |
|-------------------------------|-----------------------------|-----------|
| <b>Habitat:</b>               | Open water, scattered trees |           |
| <b>Species List:</b>          |                             |           |
| Scientific Name               | Common Name                 | Frequency |
| <i>Alnus glutinosa</i>        | Alder                       | D         |
| <i>Geum urbanum</i>           | Wood Avens                  | F         |
| <i>Impatiens glandulifera</i> | Himalayan Balsam            | F         |
| <i>Moss</i> sp.               | Moss species                | F         |
| <i>Rubus fruticosus</i> agg.  | Bramble                     | F         |
| <i>Salix fragilis</i>         | Crack Willow                | F         |
| <i>Typha latifolia</i>        | Greater Reedmace            | F         |
| <i>Agrostis stolonifera</i>   | Creeping Bent               | O         |
| <i>Alliaria petiolata</i>     | Garlic Mustard              | O         |
| <i>Betula pendula</i>         | Silver Birch                | O         |
| <i>Calystegia silvatica</i>   | Large Bindweed              | O         |
| <i>Corylus avellana</i>       | Hazel                       | O         |
| <i>Crataegus monogyna</i>     | Hawthorn                    | O         |
| <i>Fraxinus excelsior</i>     | Ash                         | O         |
| <i>Juncus articulatus</i>     | Jointed Rush                | O         |
| <i>Lycopus europaeus</i>      | Gypsywort                   | O         |

|                                |                  |   |
|--------------------------------|------------------|---|
| <i>Salix caprea</i>            | Goat Willow      | O |
| <i>Sambucus nigra</i>          | Elder            | O |
| <i>Carex</i> sp.               | Sedge species    | R |
| <i>Cornus sanguinea</i>        | Dogwood          | R |
| <i>Plantago major</i>          | Greater Plantain | R |
| <i>Pteridium aquilinum</i>     | Bracken          | R |
| <i>Scrophularia auriculata</i> | Water Betony     | R |

D = Dominant, A = Abundant, F = Frequent, O = Occasional, R = Rare

| <b>Target Note:</b>                                                | TN7                    |           |
|--------------------------------------------------------------------|------------------------|-----------|
| <b>Habitat:</b>                                                    | Broadleaved plantation |           |
| <b>Species List:</b>                                               |                        |           |
| Scientific Name                                                    | Common Name            | Frequency |
| <i>Acer campestre</i>                                              | Field Maple            | F         |
| <i>Betula pendula</i>                                              | Silver Birch           | F         |
| <i>Cornus sanguinea</i>                                            | Dogwood                | F         |
| <i>Corylus avellana</i>                                            | Hazel                  | F         |
| D = Dominant, A = Abundant, F = Frequent, O = Occasional, R = Rare |                        |           |

| <b>Target Note:</b>             | TN8                               |           |
|---------------------------------|-----------------------------------|-----------|
| <b>Habitat:</b>                 | Semi-natural broadleaved woodland |           |
| <b>Species List:</b>            |                                   |           |
| Scientific Name                 | Common Name                       | Frequency |
| <i>Acer pseudoplatanus</i>      | Sycamore                          | D         |
| <i>Crataegus monogyna</i>       | Hawthorn                          | F         |
| <i>Rubus fruticosus</i> agg.    | Bramble                           | F         |
| <i>Epilobium hirsutum</i>       | Great Willowherb                  | O         |
| <i>Fagus sylvatica</i>          | Beech                             | O         |
| <i>Salix fragilis</i>           | Crack Willow                      | O         |
| <i>Sambucus nigra</i>           | Elder                             | O         |
| <i>Heracleum mantegazzianum</i> | Giant Hogweed                     | R         |
| <i>Solidago virgaurea</i>       | Goldenrod                         | R         |

D = Dominant. A = Abundant. F = Frequent. O = Occasional. R = Rare

### Management Issues:

Perhaps the greatest priority is to ensure that any management of the road surface, riverbanks and traffic flows does not deleteriously affect the important bat roost areas below the ground surface. It is essential to the integrity of the bat roost that suitable flyways are maintained and protected to preserve foraging and dispersal routes for the bats from the roost to the main feeding areas along the River Dearne and over The Fleets and other local waterbodies.

Invasive species occur throughout the site. Of primary concern is the presence of giant hogweed, where it occurs in locations that could be accessed by members of the public, as this species presents a risk to public health and safety.

### Diversity:

This site does not hold any significant botanical diversity and the aquatic habitats are generally man-made or heavily modified. However the bat roost is of national ecological value and is the primary reason for the recommended designation of this site.

### **Naturalness:**

The banks of the River Dearne are highly modified throughout the length of this narrow linear site. Beyond the edges of the river course there are a series of embankments and artificially created waterbodies. However, the bat roost occupies totally artificial habitat, showing how some species adapt well to unnatural structures within their habitats. Most of the plant species present here are locally native and no doubt help to support a range of native invertebrates, birds and mammals.

### **Rare or Exceptional Features:**

An important feature is the old culvert complex and access points supporting the Daubenton's bat roost. This maternity colony is considered to be the most important for this species in the Borough and is thought to be of national importance due to its size. Previous counts have regularly recorded over 250 breeding females. The peak count was recorded in 1990 identified 412 bats and included juveniles.

Counts in 2010 may appear to be considerably lower than these earlier records, but it must be appreciated that the 2010 count was made late in the maternity season, when the colony is likely to be dispersing. The 2010 count, though likely to under record the colony size, is still above the average colony size for this species, normally counted at around 20-50 individuals.

The course of the River Dearne throughout the length of the site is also a feature of value.

### **Fragility:**

The maternity roost is highly vulnerable to disturbance at inappropriate times of year during the course of any road management activity, redevelopment at the former mill or any changes to the river corridor. Even minor works to the road or other surfaces over the culvert could lead to significant disturbance. Any modification to the road surface above the roost chamber, which is situated very close below the surface, could potentially kill or injure a large number of bats in a very short space of time.

Development activities, including road improvements, can however be appropriately mitigated under licence. Of significant concern though is the loss of riverside trees and scrub on the other side of Old Mill Lane. Any fragmentation of the tree lined corridors that connect the maternity roost with the important feeding areas upstream could be disastrous, potentially resulting in roost failure. The stretch of river connecting the roost site to the closest primary foraging habitat at The Fleets contains a large weir. The majority of bats have been recorded leaving the channel of the river just on the other side of Old Mill Road to fly and forage in the tree/scrub area along river bank in order to bypass the weir. These riverside habitats are therefore crucial to the maintenance of the roost.

The maternity colony is vulnerable to disturbance at the roost entrance at inappropriate times. The entrance is grilled, but the grill was unlocked at the time of the 2010 roost count.

Another threat to the integrity of the roost is fluctuating water levels. Flooding of the culvert could result in complete loss of the colony.

The river itself is vulnerable to contamination incidents along its length upstream

that could spread downstream and affect this site with possibly damaging pollutants.

#### **Typicalness:**

The modified water course is fairly typical for the Barnsley area, reflecting the need to protect the nearby town centre from flooding incidents.

The use of the culvert by Daubenton's bats is not unusual for this species, but the large colony size is very uncommon. Only two or three Daubenton's roosts approaching the size supported at this site have been recorded in Britain. The roost is of high ecological value.

The range of plant species present is generally typical for urban riparian habitats.

#### **Recorded History & Cultural Associations:**

There is a long history of exploitation of the river and its banks along this stretch of the Dearne. The name Old Mill Lane relates to former milling activities here. The mill and mill race are shown on the 1779 Enclosure Map, but presumably date from long before that time.

The high slope of Burton Bank, just to the east, is the site for a Quaker burial ground established in the 1650s, indicating the length of time this section of the valley has been locally important.

The disused Barnsley Canal formerly ran parallel to the River Dearne, just to the south and west of the site. There is much social and industrial history locally that could be usefully researched to add value to the interpretation of this site.

#### **Connectivity within the Landscape:**

The River Dearne forms an integral part of this site, with strong links along the valley to other sites of wildlife value, both upstream and downstream. Beyond the flat valley bottom here the surrounds are mainly urban/industrial and built-up, being so close to the centre of Barnsley.

The bankside trees and scrub along the river are vital for the future viability of the Daubenton's bat roost.

#### **Value for appreciation of Nature and Learning:**

The Dearne Way runs along the valley, just to the west and south of the site, between the river and the course or the disused canal. There are also public footpaths along the northern bank of the river downstream of Old Mill Lane. The site is well connected by roads and pavements with Barnsley centre, just to the south-west.

The proximity of this site to Barnsley makes it very accessible for a number of local schools however bat roosts do not lend themselves to large scale visits/disturbance.

### **Recommendations:**

The historic records of the Daubenton's maternity colony could potential quality the site for notification as a Site of Special Scientific Interest (it having been, in the height of the maternity season, an exceptionally large roost with a long history of use at this site). Further monitoring over the maternity season (potentially over more than one season) is essential in order to verify the current size of the roost.

The size of the Daubenton's maternity colony is certainly sufficient to warrant designation of this site as a Local Wildlife Site under the species selection criteria. The site boundaries should include all bankside habitats leading up to Smithies Lane and down to the adjacent Cliff Wood LWS downstream.

The future of the maternity colony is dependant upon the avoidance of disturbing or damaging activities that could affect the integrity of the culvert and of the roost chamber. Protection protocols should be established and advertised to ensure that awareness of the roost and roost chamber is raised prior to and during any road works or development activities. The potential requirement for a licence should be identified for any such works.

A management plan should ideally be formulated to encapsulate monitoring and maintenance objectives, such as inspecting the condition of the roost entrance and completing any necessary remedial works and undertaking river corridor habitat improvements that will strengthen corridors (particularly where structural habitats are missing) and alleviate flood risk.

Adjacent sites should also be monitored to establish their importance for foraging and identify other roost sites. The culvert should also be monitored seasonally to establish accurate patterns of use, particularly whether any hibernation occurs in Daubenton's bats or any other bat species.

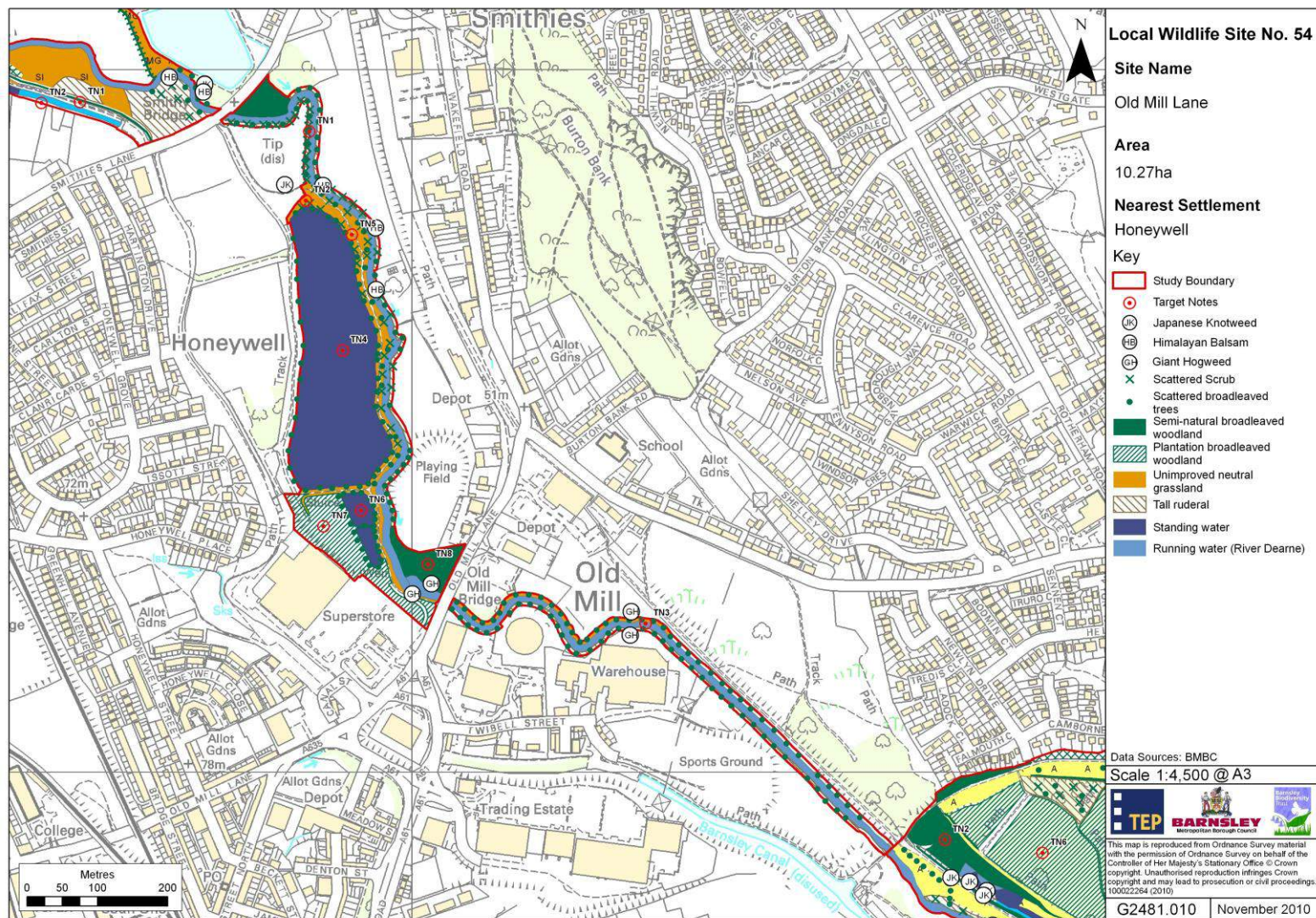
### **Action:**

Adopt as Local Wildlife Site

Monitor maternity colony through the maternity season to determine whether the site qualifies for notification as a SSSI

Establish whether the site is use for hibernation roosting by Daubenton's bats or any other species of bat

Establish protection and management protocols for the long-term security of the roost



| <i>Grid Ref</i> | <i>Location</i>                              | <i>TextDate</i> | <i>Group</i>                 | <i>Scientific Name</i>          | <i>Common Name</i>     | <i>Comments</i>           |
|-----------------|----------------------------------------------|-----------------|------------------------------|---------------------------------|------------------------|---------------------------|
| SE356068        | Barnsley Canal: Old Mill                     | 13/06/2005      | insect - beetle (Coleoptera) | Anisosticta novemdecimpunctata  | 19-Spot Ladybird       |                           |
| SE360067        | Dearne Valley Park                           | 13/06/2005      | insect - beetle (Coleoptera) | Anisosticta novemdecimpunctata  | 19-Spot Ladybird       |                           |
| SE344068        | 'BARNSLEY MBC'                               | 01/09/2000      | terrestrial mammal           | Pipistrellus pipistrellus 45kHz | 45 Khz Pipistrelle     | 2 trapped in building     |
| SE3505          | 'BARNSLEY MBC'                               | 11/06/2001      | terrestrial mammal           | Pipistrellus pipistrellus 55kHz | 55 Khz Pipistrelle     | 1 reported by householder |
| SE356062        | Dearne Valley Park                           | 24/09/2001      | terrestrial mammal           | Pipistrellus pipistrellus 55kHz | 55 Khz Pipistrelle     | 3                         |
| SE352049        | Worsbrough                                   | 01/09/2000      | terrestrial mammal           | Pipistrellus pipistrellus 55kHz | 55 Khz Pipistrelle     | 1                         |
| SE30            | Worsbrough Country Park                      | 10/08/1962      | lichen                       | Acarospora smaragdula           | Acarospora smaragdula  |                           |
| SE3407          | Fleets                                       | 02/07/1988      | insect - hymenopteran        | Aclastus gracilis               | Aclastus gracilis      |                           |
| SE356068        | Barnsley Canal: Old Mill                     | 13/06/2005      | insect - beetle (Coleoptera) | Agabus bipustulatus             | Agabus bipustulatus    |                           |
| SE30            | Dodworth                                     | 01/09/1940      | flowering plant              | Agrimonia eupatoria             | Agrimony               |                           |
| SE359067        | Cliff Wood LWS                               | 01/01/2010      | flowering plant              | Alnus glutinosa                 | Alder                  | riverside trees and scrub |
| SE359066        | Cliff Wood LWS                               | 01/01/2010      | flowering plant              | Alnus glutinosa                 | Alder                  | broadleaved plantation    |
| SE348077        | Old Mill Lane Culvert Bat Roost              | 01/09/2010      | flowering plant              | Alnus glutinosa                 | Alder                  |                           |
| SE349074        | Old Mill Lane Culvert Bat Roost              | 01/09/2010      | flowering plant              | Alnus glutinosa                 | Alder                  |                           |
| SE3407          | Old Mill Lane Culvert Bat Roost              | 01/09/2010      | flowering plant              | Alnus glutinosa                 | Alder                  |                           |
| SE350076        | 'BARNSLEY MBC'                               | 01/10/2006      | flowering plant              | Alnus glutinosa                 | Alder                  |                           |
| SE360068        | Cliff Wood LWS                               | 01/08/2003      | flowering plant              | Alnus glutinosa                 | Alder                  |                           |
| SE356070        | Cliff Wood LWS                               | 01/08/2003      | flowering plant              | Alnus glutinosa                 | Alder                  |                           |
| SE341071        | 'BARNSLEY MBC'                               | 04/06/2014      | flowering plant              | Alnus glutinosa                 | Alder                  |                           |
| SE350076        | 'BARNSLEY MBC'                               | 01/10/2006      | terrestrial mammal           | Mustela vison                   | American Mink          | Sighting                  |
| SE3407          | 'BARNSLEY MBC'                               | 22/09/2012      | flowering plant              | Epilobium ciliatum              | American Willowherb    |                           |
| SE360067        | Dearne Valley Park                           | 13/06/2005      | insect - beetle (Coleoptera) | Anacaena lutescens              | Anacaena lutescens     |                           |
| SE341071        | 'BARNSLEY MBC'                               | 04/06/2014      | flowering plant              | Poa annua                       | Annual Meadow-Grass    |                           |
| SE342074        | 'BARNSLEY MBC'                               | 04/06/2014      | flowering plant              | Poa annua                       | Annual Meadow-Grass    |                           |
| SE3505          | Kendray                                      | 22/02/2007      | moss                         | Orthotrichum anomalum           | Anomalous Bristle-moss |                           |
| SE3406          | Barnsley centre                              | 22/03/2014      | moss                         | Orthotrichum anomalum           | Anomalous Bristle-moss |                           |
| SE3407          | 'BARNSLEY MBC'                               | 22/09/2012      | flowering plant              | Malus sylvestris                | Apple                  |                           |
| SE359066        | Cliff Wood LWS                               | 01/01/2010      | flowering plant              | Malus domestica                 | Apple                  | broadleaved plantation    |
| SE30            | River Dove Valley Worsbrough (Worsbrough CP) | 16/12/1995      | bird                         | Carduelis hornemanni            | Arctic Redpoll         |                           |
| SE359066        | Cliff Wood LWS                               | 01/01/2010      | flowering plant              | Fraxinus excelsior              | Ash                    | broadleaved plantation    |
| SE3407          | 'BARNSLEY MBC'                               | 22/09/2012      | flowering plant              | Fraxinus excelsior              | Ash                    |                           |
| SE349074        | Old Mill Lane Culvert Bat Roost              | 01/09/2010      | flowering plant              | Fraxinus excelsior              | Ash                    |                           |
| SE3407          | Old Mill Lane Culvert Bat Roost              | 01/09/2010      | flowering plant              | Fraxinus excelsior              | Ash                    |                           |
| SE357068        | 'BARNSLEY MBC'                               | 01/10/2006      | flowering plant              | Fraxinus excelsior              | Ash                    |                           |
| SE359067        | Cliff Wood LWS                               | 05/07/2013      | flowering plant              | Fraxinus excelsior              | Ash                    |                           |
| SE358069        | Cliff Wood LWS                               | 01/08/2003      | flowering plant              | Fraxinus excelsior              | Ash                    |                           |
| SE356070        | Cliff Wood LWS                               | 01/08/2003      | flowering plant              | Fraxinus excelsior              | Ash                    |                           |
| SE341071        | 'BARNSLEY MBC'                               | 04/06/2014      | flowering plant              | Fraxinus excelsior              | Ash                    |                           |
| SE342074        | 'BARNSLEY MBC'                               | 04/06/2014      | flowering plant              | Fraxinus excelsior              | Ash                    |                           |
| SE342066        | Barnsley centre                              | 21/03/2012      | flowering plant              | Fraxinus excelsior              | Ash                    |                           |
| SE3407          | 'BARNSLEY MBC'                               | 22/09/2012      | flowering plant              | Populus tremula                 | Aspen                  |                           |
| SE356070        | Cliff Wood LWS                               | 01/08/2003      | flowering plant              | Populus tremula                 | Aspen                  |                           |

|          |                                              |            |                              |                      |                        |                                       |
|----------|----------------------------------------------|------------|------------------------------|----------------------|------------------------|---------------------------------------|
| SE3506   | Barrow Colliery Barnsley                     | 28/06/2008 | insect - beetle (Coleoptera) | Atheta malleus       | Atheta malleus         |                                       |
| SE3407   | 'BARNLEY MBC'                                | 22/09/2012 | flowering plant              | Leontodon autumnalis | Autumnal Hawkbit       |                                       |
| SE360067 | Dearne Valley Park                           | 24/07/2013 | flowering plant              | Leontodon autumnalis | Autumnal Hawkbit       |                                       |
| SE358069 | Cliff Wood LWS                               | 01/08/2003 | flowering plant              | Leontodon autumnalis | Autumnal Hawkbit       |                                       |
| SE356070 | Cliff Wood LWS                               | 01/08/2003 | flowering plant              | Leontodon autumnalis | Autumnal Hawkbit       |                                       |
| SE356070 | Cliff Wood LWS                               | 01/08/2003 | flowering plant              | Leontodon autumnalis | Autumnal Hawkbit       |                                       |
| SE356068 | Barnsley Canal: Old Mill                     | 13/06/2005 | insect - dragonfly (Odonata) | Coenagrion puella    | Azure Damselfly        |                                       |
| SE30     | 'BARNLEY MBC'                                | 01/01/1983 | terrestrial mammal           | Meles meles          | Badger                 | Stoney Road nr. Rotten Row - sett     |
| SE359067 | Cliff Wood LWS                               | 05/07/2013 | insect - dragonfly (Odonata) | Calopteryx splendens | Banded Demoiselle      |                                       |
| SE348075 | Fleets                                       | 11/07/2009 | insect - dragonfly (Odonata) | Calopteryx splendens | Banded Demoiselle      | 1 basking on Himalayan Balsam         |
| SE3407   | Honeywell                                    | 22/11/2006 | moss                         | Polytrichum formosum | Bank Haircap           |                                       |
| SE30     | Wombwell                                     | 08/11/1989 | bird                         | Tyto alba            | Barn Owl               | stated to known to local birdwatchers |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 15/08/1993 | bird                         | Tyto alba            | Barn Owl               | Haverlands Lane                       |
| SE30     | 'BARNLEY MBC'                                | 01/01/2006 | bird                         | Tyto alba            | Barn Owl               |                                       |
| SE30     | 'BARNLEY MBC'                                | 07/06/2010 | bird                         | Tyto alba            | Barn Owl               | pair with 4 young                     |
| SE30     | Rockley Valley                               | 01/02/1992 | bird                         | Branta leucopsis     | Barnacle Goose         | feral bird several dates              |
| SE356068 | Barnsley Canal: Old Mill                     | 13/06/2005 | spider (Araneae)             | Bathypantes gracilis | Bathypantes gracilis   |                                       |
| SE3506   |                                              | 08/08/2005 | terrestrial mammal           | Chiroptera           | Bats                   | roost probably Pipistrelle            |
| SE3406   | 'BARNLEY MBC'                                | 12/09/1978 | terrestrial mammal           | Chiroptera           | Bats                   |                                       |
| SE3406   | 'BARNLEY MBC'                                | 23/07/1987 | terrestrial mammal           | Chiroptera           | Bats                   |                                       |
| SE3406   | 'BARNLEY MBC'                                | 22/06/1989 | terrestrial mammal           | Chiroptera           | Bats                   |                                       |
| SE3407   | 'BARNLEY MBC'                                | 30/09/1990 | terrestrial mammal           | Chiroptera           | Bats                   |                                       |
| SE336067 | 'BARNLEY MBC'                                | 13/10/2000 | terrestrial mammal           | Chiroptera           | Bats                   | visual in crevices                    |
| SE339071 | 'BARNLEY MBC'                                | 06/07/1992 | terrestrial mammal           | Chiroptera           | Bats                   |                                       |
| SE3406   | 'BARNLEY MBC'                                | 27/08/1987 | terrestrial mammal           | Chiroptera           | Bats                   |                                       |
| SE351072 | Old Mill Lane, Barnsley                      | 01/06/1994 | terrestrial mammal           | Chiroptera           | Bats                   |                                       |
| SE340053 | Worsbrough                                   | 29/02/1984 | terrestrial mammal           | Chiroptera           | Bats                   |                                       |
| SE341070 | 'BARNLEY MBC'                                | 14/06/1991 | terrestrial mammal           | Chiroptera           | Bats                   |                                       |
| SE342068 | 'BARNLEY MBC'                                | 17/01/1998 | terrestrial mammal           | Chiroptera           | Bats                   |                                       |
| SE359066 | Cliff Wood LWS                               | 01/01/2010 | flowering plant              | Elymus caninus       | Bearded Couch          | broadleaved plantation                |
| SE3407   | Old Mill Lane Culvert Bat Roost              | 01/09/2010 | flowering plant              | Elymus caninus       | Bearded Couch          |                                       |
| SE356070 | Cliff Wood LWS                               | 01/08/2003 | flowering plant              | Elymus caninus       | Bearded Couch          |                                       |
| SE360067 | Cliff Wood LWS                               | 01/01/2010 | flowering plant              | Fagus sylvatica      | Beech                  | swamp, scattered scrub                |
| SE3407   | 'BARNLEY MBC'                                | 22/09/2012 | flowering plant              | Fagus sylvatica      | Beech                  |                                       |
| SE351073 | Old Mill Lane Culvert Bat Roost              | 01/09/2010 | flowering plant              | Fagus sylvatica      | Beech                  |                                       |
| SE360068 | Cliff Wood LWS                               | 01/08/2003 | flowering plant              | Fagus sylvatica      | Beech                  |                                       |
| SE341071 | 'BARNLEY MBC'                                | 04/06/2014 | flowering plant              | Fagus sylvatica      | Beech                  |                                       |
| SE342066 | Barnsley centre                              | 21/03/2012 | flowering plant              | Fagus sylvatica      | Beech                  |                                       |
| SE3505   | Measborough Dike                             | 22/02/2007 | liverwort                    | Lophocolea bidentata | Bifid Crestwort        |                                       |
| SE3507   | Old Mill                                     | 30/10/2006 | liverwort                    | Lophocolea bidentata | Bifid Crestwort        |                                       |
| SE342066 | Barnsley centre                              | 21/03/2012 | flowering plant              | Betula               | Birch                  |                                       |
| SE3505   | Kendray                                      | 22/02/2007 | moss                         | Barbula unguiculata  | Bird's-claw Beard-moss |                                       |
| SE3506   | Hoyle Mill                                   | 30/10/2006 | moss                         | Barbula unguiculata  | Bird's-claw Beard-moss |                                       |
| SE3407   | 'BARNLEY MBC'                                | 22/09/2012 | flowering plant              | Sedum acre           | Biting Stonecrop       |                                       |
| SE3407   | 'BARNLEY MBC'                                | 22/09/2012 | flowering plant              | Fallopia convolvulus | Black Bindweed         |                                       |
| SE3407   | 'BARNLEY MBC'                                | 22/09/2012 | flowering plant              | Tamus communis       | Black Bryony           |                                       |

|          |                                                 |            |                 |                           |                     |                                                     |
|----------|-------------------------------------------------|------------|-----------------|---------------------------|---------------------|-----------------------------------------------------|
| SE3407   | Fleets                                          | 01/01/1987 | flowering plant | Ballota nigra             | Black Horehound     |                                                     |
| SE342074 | 'BARNLEY MBC'                                   | 04/06/2014 | flowering plant | Medicago lupulina         | Black Medick        |                                                     |
| SE3407   | 'BARNLEY MBC'                                   | 22/09/2012 | fern            | Asplenium adiantum-nigrum | Black Spleenwort    |                                                     |
| SE347068 | 'BARNLEY MBC'                                   | 19/02/2013 | fern            | Asplenium adiantum-nigrum | Black Spleenwort    | Single plant in stone wall on eastern side of road. |
| SE337071 | 'BARNLEY MBC'                                   | 25/01/2009 | bird            | Pica pica                 | Black-billed Magpie |                                                     |
| SE335053 | 'BARNLEY MBC'                                   | 25/01/2009 | bird            | Pica pica                 | Black-billed Magpie |                                                     |
| SE338071 | 'BARNLEY MBC'                                   | 25/01/2009 | bird            | Pica pica                 | Black-billed Magpie |                                                     |
| SE337058 | 'BARNLEY MBC'                                   | 25/01/2009 | bird            | Pica pica                 | Black-billed Magpie |                                                     |
| SE355074 | 'BARNLEY MBC'                                   | 25/01/2009 | bird            | Pica pica                 | Black-billed Magpie |                                                     |
| SE344062 | 'BARNLEY MBC'                                   | 25/01/2009 | bird            | Pica pica                 | Black-billed Magpie |                                                     |
| SE344075 | 'BARNLEY MBC'                                   | 25/01/2009 | bird            | Pica pica                 | Black-billed Magpie |                                                     |
| SE344077 | 'BARNLEY MBC'                                   | 25/01/2009 | bird            | Pica pica                 | Black-billed Magpie |                                                     |
| SE337054 | 'BARNLEY MBC'                                   | 25/01/2009 | bird            | Pica pica                 | Black-billed Magpie |                                                     |
| SE341072 | 'BARNLEY MBC'                                   | 25/01/2009 | bird            | Pica pica                 | Black-billed Magpie |                                                     |
| SE341074 | 'BARNLEY MBC'                                   | 25/01/2009 | bird            | Pica pica                 | Black-billed Magpie |                                                     |
| SE338071 | 'BARNLEY MBC'                                   | 25/01/2009 | bird            | Pica pica                 | Black-billed Magpie |                                                     |
| SE351049 | 'BARNLEY MBC'                                   | 25/01/2009 | bird            | Pica pica                 | Black-billed Magpie |                                                     |
| SE351051 | 'BARNLEY MBC'                                   | 25/01/2009 | bird            | Pica pica                 | Black-billed Magpie |                                                     |
| SE337054 | 'BARNLEY MBC'                                   | 25/01/2009 | bird            | Pica pica                 | Black-billed Magpie |                                                     |
| SE337058 | 'BARNLEY MBC'                                   | 25/01/2009 | bird            | Pica pica                 | Black-billed Magpie |                                                     |
| SE333063 | 'BARNLEY MBC'                                   | 25/01/2009 | bird            | Pica pica                 | Black-billed Magpie |                                                     |
| SE337071 | 'BARNLEY MBC'                                   | 25/01/2009 | bird            | Pica pica                 | Black-billed Magpie |                                                     |
| SE345076 | 'BARNLEY MBC'                                   | 25/01/2009 | bird            | Pica pica                 | Black-billed Magpie |                                                     |
| SE344053 | 'BARNLEY MBC'                                   | 25/01/2009 | bird            | Pica pica                 | Black-billed Magpie |                                                     |
| SE344053 | 'BARNLEY MBC'                                   | 25/01/2009 | bird            | Pica pica                 | Black-billed Magpie |                                                     |
| SE345076 | 'BARNLEY MBC'                                   | 25/01/2009 | bird            | Pica pica                 | Black-billed Magpie |                                                     |
| SE336072 | 'BARNLEY MBC'                                   | 25/01/2009 | bird            | Pica pica                 | Black-billed Magpie |                                                     |
| SE344062 | 'BARNLEY MBC'                                   | 25/01/2009 | bird            | Pica pica                 | Black-billed Magpie |                                                     |
| SE338074 | 'BARNLEY MBC'                                   | 25/01/2009 | bird            | Pica pica                 | Black-billed Magpie |                                                     |
| SE348070 | 'BARNLEY MBC'                                   | 25/01/2009 | bird            | Pica pica                 | Black-billed Magpie |                                                     |
| SE341074 | 'BARNLEY MBC'                                   | 25/01/2009 | bird            | Pica pica                 | Black-billed Magpie |                                                     |
| SE338074 | 'BARNLEY MBC'                                   | 25/01/2009 | bird            | Pica pica                 | Black-billed Magpie |                                                     |
| SE351049 | 'BARNLEY MBC'                                   | 25/01/2009 | bird            | Pica pica                 | Black-billed Magpie |                                                     |
| SE351051 | 'BARNLEY MBC'                                   | 25/01/2009 | bird            | Pica pica                 | Black-billed Magpie |                                                     |
| SE335053 | 'BARNLEY MBC'                                   | 25/01/2009 | bird            | Pica pica                 | Black-billed Magpie |                                                     |
| SE336072 | 'BARNLEY MBC'                                   | 25/01/2009 | bird            | Pica pica                 | Black-billed Magpie |                                                     |
| SE333063 | 'BARNLEY MBC'                                   | 25/01/2009 | bird            | Pica pica                 | Black-billed Magpie |                                                     |
| SE341072 | 'BARNLEY MBC'                                   | 25/01/2009 | bird            | Pica pica                 | Black-billed Magpie |                                                     |
| SE348070 | 'BARNLEY MBC'                                   | 25/01/2009 | bird            | Pica pica                 | Black-billed Magpie |                                                     |
| SE355074 | 'BARNLEY MBC'                                   | 25/01/2009 | bird            | Pica pica                 | Black-billed Magpie |                                                     |
| SE344075 | 'BARNLEY MBC'                                   | 25/01/2009 | bird            | Pica pica                 | Black-billed Magpie |                                                     |
| SE344077 | 'BARNLEY MBC'                                   | 25/01/2009 | bird            | Pica pica                 | Black-billed Magpie |                                                     |
| SE344075 | 'BARNLEY MBC'                                   | 25/01/2009 | bird            | Turdus merula             | Blackbird           |                                                     |
| SE344077 | 'BARNLEY MBC'                                   | 25/01/2009 | bird            | Turdus merula             | Blackbird           |                                                     |
| SE345076 | 'BARNLEY MBC'                                   | 25/01/2009 | bird            | Turdus merula             | Blackbird           |                                                     |
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 28/01/1996 | bird            | Turdus merula             | Blackbird           |                                                     |

|          |                                                 |            |      |               |           |                         |
|----------|-------------------------------------------------|------------|------|---------------|-----------|-------------------------|
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/11/1996 | bird | Turdus merula | Blackbird | increased numbers noted |
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 27/12/1996 | bird | Turdus merula | Blackbird |                         |
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/03/1997 | bird | Turdus merula | Blackbird | usual numbers           |
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 04/05/1990 | bird | Turdus merula | Blackbird |                         |
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 25/10/1990 | bird | Turdus merula | Blackbird |                         |
| SE346055 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Turdus merula | Blackbird |                         |
| SE352054 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Turdus merula | Blackbird |                         |
| SE352055 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Turdus merula | Blackbird |                         |
| SE351049 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Turdus merula | Blackbird |                         |
| SE351051 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Turdus merula | Blackbird |                         |
| SE341071 | 'BARNLEY MBC'                                   | 04/06/2014 | bird | Turdus merula | Blackbird |                         |
| SE338073 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Turdus merula | Blackbird |                         |
| SE338074 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Turdus merula | Blackbird |                         |
| SE353059 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Turdus merula | Blackbird |                         |
| SE344053 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Turdus merula | Blackbird |                         |
| SE344054 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Turdus merula | Blackbird |                         |
| SE350068 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Turdus merula | Blackbird |                         |
| SE341055 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Turdus merula | Blackbird |                         |
| SE341060 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Turdus merula | Blackbird |                         |
| SE341067 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Turdus merula | Blackbird |                         |
| SE347074 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Turdus merula | Blackbird |                         |
| SE352061 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Turdus merula | Blackbird |                         |
| SE344062 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Turdus merula | Blackbird |                         |
| SE337072 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Turdus merula | Blackbird |                         |
| SE337074 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Turdus merula | Blackbird |                         |
| SE335053 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Turdus merula | Blackbird |                         |
| SE348070 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Turdus merula | Blackbird |                         |
| SE355074 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Turdus merula | Blackbird |                         |
| SE355074 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Turdus merula | Blackbird |                         |
| SE337058 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Turdus merula | Blackbird |                         |
| SE337065 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Turdus merula | Blackbird |                         |
| SE333063 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Turdus merula | Blackbird |                         |
| SE341072 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Turdus merula | Blackbird |                         |
| SE341074 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Turdus merula | Blackbird |                         |
| SE338071 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Turdus merula | Blackbird |                         |
| SE343070 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Turdus merula | Blackbird |                         |
| SE336063 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Turdus merula | Blackbird |                         |
| SE337056 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Turdus merula | Blackbird |                         |
| SE336072 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Turdus merula | Blackbird |                         |
| SE337054 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Turdus merula | Blackbird |                         |

|          |                                                 |            |      |               |           |                               |
|----------|-------------------------------------------------|------------|------|---------------|-----------|-------------------------------|
| SE340065 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Turdus merula | Blackbird |                               |
| SE351061 | 'BARNLEY MBC'                                   | 27/01/2008 | bird | Turdus merula | Blackbird |                               |
| SE336056 | 'BARNLEY MBC'                                   | 27/01/2008 | bird | Turdus merula | Blackbird |                               |
| SE343054 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Turdus merula | Blackbird |                               |
| SE333063 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Turdus merula | Blackbird |                               |
| SE337069 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Turdus merula | Blackbird |                               |
| SE337071 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Turdus merula | Blackbird |                               |
| SE341072 | 'BARNLEY MBC'                                   | 27/01/2008 | bird | Turdus merula | Blackbird |                               |
| SE341074 | 'BARNLEY MBC'                                   | 27/01/2008 | bird | Turdus merula | Blackbird |                               |
| SE342069 | 'BARNLEY MBC'                                   | 27/01/2008 | bird | Turdus merula | Blackbird |                               |
| SE332062 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Turdus merula | Blackbird |                               |
| SE332062 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Turdus merula | Blackbird |                               |
| SE332062 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Turdus merula | Blackbird |                               |
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 03/10/1993 | bird | Turdus merula | Blackbird | on N bank railway             |
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 26/12/1993 | bird | Turdus merula | Blackbird |                               |
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/10/1994 | bird | Turdus merula | Blackbird | increase in numbers mid-month |
| SE343056 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Turdus merula | Blackbird |                               |
| SE343060 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Turdus merula | Blackbird |                               |
| SE343068 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Turdus merula | Blackbird |                               |
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/06/1991 | bird | Turdus merula | Blackbird | usual numbres                 |
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 22/11/1991 | bird | Turdus merula | Blackbird |                               |
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/01/1992 | bird | Turdus merula | Blackbird | usual numbers                 |
| SE337065 | 'BARNLEY MBC'                                   | 27/01/2008 | bird | Turdus merula | Blackbird |                               |
| SE337072 | 'BARNLEY MBC'                                   | 27/01/2008 | bird | Turdus merula | Blackbird |                               |
| SE338059 | 'BARNLEY MBC'                                   | 27/01/2008 | bird | Turdus merula | Blackbird |                               |
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 16/05/1992 | bird | Turdus merula | Blackbird |                               |
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 27/02/1993 | bird | Turdus merula | Blackbird | incl Rockley                  |
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/09/1993 | bird | Turdus merula | Blackbird | influx during month           |
| SE338069 | 'BARNLEY MBC'                                   | 27/01/2008 | bird | Turdus merula | Blackbird |                               |
| SE338074 | 'BARNLEY MBC'                                   | 27/01/2008 | bird | Turdus merula | Blackbird |                               |
| SE339073 | 'BARNLEY MBC'                                   | 27/01/2008 | bird | Turdus merula | Blackbird |                               |

|      |                                                 |            |      |                    |           |                                 |
|------|-------------------------------------------------|------------|------|--------------------|-----------|---------------------------------|
| SE30 | Bagger Wood Farm,<br>Stainborough               | 23/04/2011 | bird | Turdus merula      | Blackbird | 9 Count                         |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 30/09/1994 | bird | Sylvia atricapilla | Blackcap  | last record for '94             |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 08/10/1994 | bird | Sylvia atricapilla | Blackcap  |                                 |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 15/11/1993 | bird | Sylvia atricapilla | Blackcap  | different birds                 |
| SE30 | Ward Green                                      | 16/01/1994 | bird | Sylvia atricapilla | Blackcap  |                                 |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 16/10/1994 | bird | Sylvia atricapilla | Blackcap  |                                 |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 06/11/1994 | bird | Sylvia atricapilla | Blackcap  |                                 |
| SE30 | Ward Green                                      | 01/04/1994 | bird | Sylvia atricapilla | Blackcap  | overwintering female in gardens |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 02/04/1994 | bird | Sylvia atricapilla | Blackcap  |                                 |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 24/04/1993 | bird | Sylvia atricapilla | Blackcap  |                                 |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/05/1993 | bird | Sylvia atricapilla | Blackcap  |                                 |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/07/1994 | bird | Sylvia atricapilla | Blackcap  | sev dates                       |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/08/1994 | bird | Sylvia atricapilla | Blackcap  | many dates                      |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 07/09/1993 | bird | Sylvia atricapilla | Blackcap  |                                 |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 02/10/1993 | bird | Sylvia atricapilla | Blackcap  |                                 |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 10/08/1992 | bird | Sylvia atricapilla | Blackcap  |                                 |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 18/09/1992 | bird | Sylvia atricapilla | Blackcap  |                                 |
| SE30 | Ward Green                                      | 01/02/1994 | bird | Sylvia atricapilla | Blackcap  | in gardens                      |
| SE30 | Ward Green                                      | 01/03/1994 | bird | Sylvia atricapilla | Blackcap  | all month                       |

|      |                                                 |            |      |                    |          |                          |
|------|-------------------------------------------------|------------|------|--------------------|----------|--------------------------|
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 13/12/1992 | bird | Sylvia atricapilla | Blackcap |                          |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 03/04/1993 | bird | Sylvia atricapilla | Blackcap |                          |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 12/10/1991 | bird | Sylvia atricapilla | Blackcap | on several dates to 12th |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 10/04/1992 | bird | Sylvia atricapilla | Blackcap |                          |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/07/1993 | bird | Sylvia atricapilla | Blackcap | several dates            |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 31/08/1993 | bird | Sylvia atricapilla | Blackcap |                          |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 11/06/1992 | bird | Sylvia atricapilla | Blackcap |                          |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 08/07/1992 | bird | Sylvia atricapilla | Blackcap |                          |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 05/05/1991 | bird | Sylvia atricapilla | Blackcap |                          |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 30/05/1991 | bird | Sylvia atricapilla | Blackcap |                          |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 28/10/1992 | bird | Sylvia atricapilla | Blackcap |                          |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 08/11/1992 | bird | Sylvia atricapilla | Blackcap |                          |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/08/1991 | bird | Sylvia atricapilla | Blackcap | on several dates         |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 20/09/1991 | bird | Sylvia atricapilla | Blackcap |                          |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 28/10/1989 | bird | Sylvia atricapilla | Blackcap |                          |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 04/05/1990 | bird | Sylvia atricapilla | Blackcap |                          |

|      |                                                 |            |      |                    |          |               |
|------|-------------------------------------------------|------------|------|--------------------|----------|---------------|
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 27/04/1992 | bird | Sylvia atricapilla | Blackcap |               |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 16/05/1992 | bird | Sylvia atricapilla | Blackcap |               |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 02/10/1990 | bird | Sylvia atricapilla | Blackcap |               |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 05/10/1990 | bird | Sylvia atricapilla | Blackcap |               |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 15/12/1996 | bird | Sylvia atricapilla | Blackcap |               |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 11/10/2003 | bird | Sylvia atricapilla | Blackcap | until 11th    |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 20/06/1991 | bird | Sylvia atricapilla | Blackcap |               |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 04/07/1991 | bird | Sylvia atricapilla | Blackcap |               |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/09/1989 | bird | Sylvia atricapilla | Blackcap |               |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/10/1989 | bird | Sylvia atricapilla | Blackcap | four dates    |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 27/04/1996 | bird | Sylvia atricapilla | Blackcap |               |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 04/05/1996 | bird | Sylvia atricapilla | Blackcap |               |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 24/08/1990 | bird | Sylvia atricapilla | Blackcap |               |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 04/09/1990 | bird | Sylvia atricapilla | Blackcap |               |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 15/09/1996 | bird | Sylvia atricapilla | Blackcap |               |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/10/1996 | bird | Sylvia atricapilla | Blackcap | several dates |

|      |                                                 |            |      |                    |          |               |
|------|-------------------------------------------------|------------|------|--------------------|----------|---------------|
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/10/1995 | bird | Sylvia atricapilla | Blackcap | on 3 dates    |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 28/10/1995 | bird | Sylvia atricapilla | Blackcap |               |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/04/1989 | bird | Sylvia atricapilla | Blackcap |               |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 14/05/1989 | bird | Sylvia atricapilla | Blackcap |               |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/11/1995 | bird | Sylvia atricapilla | Blackcap | 4 dates       |
| SE30 | Ward Green                                      | 21/12/1995 | bird | Sylvia atricapilla | Blackcap |               |
| SE30 | Ward Green                                      | 23/12/1995 | bird | Sylvia atricapilla | Blackcap |               |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 15/04/1996 | bird | Sylvia atricapilla | Blackcap |               |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/06/1996 | bird | Sylvia atricapilla | Blackcap | many dates    |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 02/07/1996 | bird | Sylvia atricapilla | Blackcap |               |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/06/1999 | bird | Sylvia atricapilla | Blackcap |               |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 20/05/1995 | bird | Sylvia atricapilla | Blackcap |               |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/06/1995 | bird | Sylvia atricapilla | Blackcap | many dates    |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/07/1995 | bird | Sylvia atricapilla | Blackcap | few dates     |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/08/1995 | bird | Sylvia atricapilla | Blackcap | several dates |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 21/09/1995 | bird | Sylvia atricapilla | Blackcap |               |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 03/04/1995 | bird | Sylvia atricapilla | Blackcap |               |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 29/04/1995 | bird | Sylvia atricapilla | Blackcap |               |

|          |                                                 |            |                 |                           |                   |                                             |
|----------|-------------------------------------------------|------------|-----------------|---------------------------|-------------------|---------------------------------------------|
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 02/05/1994 | bird            | <i>Sylvia atricapilla</i> | Blackcap          |                                             |
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 13/06/1994 | bird            | <i>Sylvia atricapilla</i> | Blackcap          | also on 27th June                           |
| SE3406   | 'BARNLEY MBC'                                   | 19/03/2010 | bird            | <i>Sylvia atricapilla</i> | Blackcap          | male singing Redbrook garden                |
| SE30     | Bagger Wood Farm,<br>Stainborough               | 23/04/2011 | bird            | <i>Sylvia atricapilla</i> | Blackcap          | 2 Count                                     |
| SE338071 | 'BARNLEY MBC'                                   | 10/02/1975 | bird            | <i>Sylvia atricapilla</i> | Blackcap          | Female ringed in garden on Kensington Road. |
| SE338071 | 'BARNLEY MBC'                                   | 10/01/1975 | bird            | <i>Sylvia atricapilla</i> | Blackcap          | Male ringed in garden on Kensington Road.   |
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 24/11/1995 | bird            | <i>Larus ridibundus</i>   | Black-Headed Gull |                                             |
| SE30     | Worsbrough Reservoir, Dove<br>Valley            | 06/03/1994 | bird            | <i>Larus ridibundus</i>   | Black-Headed Gull |                                             |
| SE359067 | Cliff Wood LWS                                  | 05/07/2013 | bird            | <i>Larus ridibundus</i>   | Black-Headed Gull |                                             |
| SE348074 | The Fleets, Dearne Valley,<br>Barnsley          | 18/02/2013 | bird            | <i>Larus ridibundus</i>   | Black-Headed Gull |                                             |
| SE348074 | The Fleets, Dearne Valley,<br>Barnsley          | 19/02/2013 | bird            | <i>Larus ridibundus</i>   | Black-Headed Gull |                                             |
| SE348076 | The Fleets, Dearne Valley,<br>Barnsley          | 26/02/2013 | bird            | <i>Larus ridibundus</i>   | Black-Headed Gull | Approx 70.                                  |
| SE348075 | Fleets                                          | 09/02/2013 | bird            | <i>Larus ridibundus</i>   | Black-Headed Gull |                                             |
| SE348075 | Fleets                                          | 09/03/2013 | bird            | <i>Larus ridibundus</i>   | Black-Headed Gull |                                             |
| SE342056 | 'BARNLEY MBC'                                   | 25/01/2009 | bird            | <i>Larus ridibundus</i>   | Black-Headed Gull |                                             |
| SE342056 | 'BARNLEY MBC'                                   | 25/01/2009 | bird            | <i>Larus ridibundus</i>   | Black-headed Gull |                                             |
| SE359069 | Cliff Wood LWS                                  | 01/01/2010 | flowering plant | <i>Prunus spinosa</i>     | Blackthorn        | broadleaved plantation                      |
| SE359067 | Cliff Wood LWS                                  | 05/07/2013 | flowering plant | <i>Prunus spinosa</i>     | Blackthorn        |                                             |
| SE360068 | Cliff Wood LWS                                  | 01/08/2003 | flowering plant | <i>Prunus spinosa</i>     | Blackthorn        |                                             |
| SE359068 | Cliff Wood LWS                                  | 14/09/2013 | flowering plant | <i>Prunus spinosa</i>     | Blackthorn        |                                             |
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/10/1995 | bird            | <i>Parus caeruleus</i>    | Blue Tit          | several dates                               |
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/11/1995 | bird            | <i>Parus caeruleus</i>    | Blue Tit          | several dates                               |
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/03/1997 | bird            | <i>Parus caeruleus</i>    | Blue Tit          | daily occurrence                            |
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 24/06/1991 | bird            | <i>Parus caeruleus</i>    | Blue Tit          |                                             |
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/01/1992 | bird            | <i>Parus caeruleus</i>    | Blue Tit          | usual numbers                               |

|          |                                                 |            |      |                     |          |          |
|----------|-------------------------------------------------|------------|------|---------------------|----------|----------|
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 16/05/1992 | bird | Parus caeruleus     | Blue Tit |          |
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 04/06/1992 | bird | Parus caeruleus     | Blue Tit | first    |
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 20/08/1992 | bird | Parus caeruleus     | Blue Tit |          |
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 03/10/1994 | bird | Parus caeruleus     | Blue Tit |          |
| SE30     | Bagger Wood Farm,<br>Stainborough               | 23/04/2011 | bird | Parus caeruleus     | Blue Tit | 10 Count |
| SE343054 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Parus caeruleus     | Blue Tit |          |
| SE343068 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Parus caeruleus     | Blue Tit |          |
| SE337054 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Cyanistes caeruleus | Blue Tit |          |
| SE347074 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Cyanistes caeruleus | Blue Tit |          |
| SE346055 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Cyanistes caeruleus | Blue Tit |          |
| SE341060 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Cyanistes caeruleus | Blue Tit |          |
| SE336063 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Cyanistes caeruleus | Blue Tit |          |
| SE336072 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Cyanistes caeruleus | Blue Tit |          |
| SE344062 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Cyanistes caeruleus | Blue Tit |          |
| SE344077 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Cyanistes caeruleus | Blue Tit |          |
| SE343070 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Cyanistes caeruleus | Blue Tit |          |
| SE343054 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Cyanistes caeruleus | Blue Tit |          |
| SE344053 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Cyanistes caeruleus | Blue Tit |          |
| SE353059 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Cyanistes caeruleus | Blue Tit |          |
| SE344054 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Cyanistes caeruleus | Blue Tit |          |
| SE345076 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Cyanistes caeruleus | Blue Tit |          |
| SE352055 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Cyanistes caeruleus | Blue Tit |          |
| SE337065 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Cyanistes caeruleus | Blue Tit |          |
| SE348070 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Cyanistes caeruleus | Blue Tit |          |
| SE355074 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Cyanistes caeruleus | Blue Tit |          |
| SE350068 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Cyanistes caeruleus | Blue Tit |          |
| SE343068 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Cyanistes caeruleus | Blue Tit |          |
| SE341072 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Cyanistes caeruleus | Blue Tit |          |
| SE341074 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Cyanistes caeruleus | Blue Tit |          |
| SE338074 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Cyanistes caeruleus | Blue Tit |          |
| SE351049 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Cyanistes caeruleus | Blue Tit |          |
| SE340065 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Cyanistes caeruleus | Blue Tit |          |
| SE341055 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Cyanistes caeruleus | Blue Tit |          |
| SE337056 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Cyanistes caeruleus | Blue Tit |          |
| SE332062 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Cyanistes caeruleus | Blue Tit |          |
| SE337058 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Cyanistes caeruleus | Blue Tit |          |
| SE333063 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Cyanistes caeruleus | Blue Tit |          |
| SE337069 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Cyanistes caeruleus | Blue Tit |          |
| SE341067 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Cyanistes caeruleus | Blue Tit |          |
| SE350068 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Parus caeruleus     | Blue Tit |          |
| SE351049 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Parus caeruleus     | Blue Tit |          |

|          |                                              |            |                              |                              |                       |                                 |
|----------|----------------------------------------------|------------|------------------------------|------------------------------|-----------------------|---------------------------------|
| SE355074 | 'BARNSELEY MBC'                              | 25/01/2009 | bird                         | Parus caeruleus              | Blue Tit              |                                 |
| SE337071 | 'BARNSELEY MBC'                              | 25/01/2009 | bird                         | Cyanistes caeruleus          | Blue Tit              |                                 |
| SE338071 | 'BARNSELEY MBC'                              | 25/01/2009 | bird                         | Cyanistes caeruleus          | Blue Tit              |                                 |
| SE338073 | 'BARNSELEY MBC'                              | 25/01/2009 | bird                         | Cyanistes caeruleus          | Blue Tit              |                                 |
| SE344062 | 'BARNSELEY MBC'                              | 25/01/2009 | bird                         | Parus caeruleus              | Blue Tit              |                                 |
| SE344077 | 'BARNSELEY MBC'                              | 25/01/2009 | bird                         | Parus caeruleus              | Blue Tit              |                                 |
| SE341074 | 'BARNSELEY MBC'                              | 25/01/2009 | bird                         | Parus caeruleus              | Blue Tit              |                                 |
| SE345076 | 'BARNSELEY MBC'                              | 25/01/2009 | bird                         | Parus caeruleus              | Blue Tit              |                                 |
| SE344053 | 'BARNSELEY MBC'                              | 25/01/2009 | bird                         | Parus caeruleus              | Blue Tit              |                                 |
| SE344054 | 'BARNSELEY MBC'                              | 25/01/2009 | bird                         | Parus caeruleus              | Blue Tit              |                                 |
| SE353059 | 'BARNSELEY MBC'                              | 25/01/2009 | bird                         | Parus caeruleus              | Blue Tit              |                                 |
| SE348070 | 'BARNSELEY MBC'                              | 25/01/2009 | bird                         | Parus caeruleus              | Blue Tit              |                                 |
| SE337054 | 'BARNSELEY MBC'                              | 25/01/2009 | bird                         | Parus caeruleus              | Blue Tit              |                                 |
| SE346055 | 'BARNSELEY MBC'                              | 25/01/2009 | bird                         | Parus caeruleus              | Blue Tit              |                                 |
| SE352055 | 'BARNSELEY MBC'                              | 25/01/2009 | bird                         | Parus caeruleus              | Blue Tit              |                                 |
| SE347074 | 'BARNSELEY MBC'                              | 25/01/2009 | bird                         | Parus caeruleus              | Blue Tit              |                                 |
| SE341067 | 'BARNSELEY MBC'                              | 25/01/2009 | bird                         | Parus caeruleus              | Blue Tit              |                                 |
| SE341072 | 'BARNSELEY MBC'                              | 25/01/2009 | bird                         | Parus caeruleus              | Blue Tit              |                                 |
| SE337058 | 'BARNSELEY MBC'                              | 25/01/2009 | bird                         | Parus caeruleus              | Blue Tit              |                                 |
| SE338071 | 'BARNSELEY MBC'                              | 25/01/2009 | bird                         | Parus caeruleus              | Blue Tit              |                                 |
| SE338073 | 'BARNSELEY MBC'                              | 25/01/2009 | bird                         | Parus caeruleus              | Blue Tit              |                                 |
| SE338074 | 'BARNSELEY MBC'                              | 25/01/2009 | bird                         | Parus caeruleus              | Blue Tit              |                                 |
| SE337069 | 'BARNSELEY MBC'                              | 25/01/2009 | bird                         | Parus caeruleus              | Blue Tit              |                                 |
| SE337071 | 'BARNSELEY MBC'                              | 25/01/2009 | bird                         | Parus caeruleus              | Blue Tit              |                                 |
| SE336072 | 'BARNSELEY MBC'                              | 25/01/2009 | bird                         | Parus caeruleus              | Blue Tit              |                                 |
| SE340065 | 'BARNSELEY MBC'                              | 25/01/2009 | bird                         | Parus caeruleus              | Blue Tit              |                                 |
| SE341055 | 'BARNSELEY MBC'                              | 25/01/2009 | bird                         | Parus caeruleus              | Blue Tit              |                                 |
| SE341060 | 'BARNSELEY MBC'                              | 25/01/2009 | bird                         | Parus caeruleus              | Blue Tit              |                                 |
| SE343070 | 'BARNSELEY MBC'                              | 25/01/2009 | bird                         | Parus caeruleus              | Blue Tit              |                                 |
| SE336063 | 'BARNSELEY MBC'                              | 25/01/2009 | bird                         | Parus caeruleus              | Blue Tit              |                                 |
| SE337056 | 'BARNSELEY MBC'                              | 25/01/2009 | bird                         | Parus caeruleus              | Blue Tit              |                                 |
| SE332062 | 'BARNSELEY MBC'                              | 25/01/2009 | bird                         | Parus caeruleus              | Blue Tit              |                                 |
| SE337065 | 'BARNSELEY MBC'                              | 25/01/2009 | bird                         | Parus caeruleus              | Blue Tit              |                                 |
| SE333063 | 'BARNSELEY MBC'                              | 25/01/2009 | bird                         | Parus caeruleus              | Blue Tit              |                                 |
| SE343065 | 'BARNSELEY MBC'                              | 05/12/1975 | bird                         | Cyanistes caeruleus          | Blue Tit              | In the town hall.               |
| SE358069 | Cliff Wood LWS                               | 01/08/2003 | flowering plant              | Hyacinthoides non-scripta    | Bluebell              |                                 |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 01/05/1992 | bird                         | Motacilla flava subsp. flava | Blue-Headed Wagtail   | reported seen during month (KR) |
| SE356068 | Barnsley Canal: Old Mill                     | 13/06/2005 | insect - dragonfly (Odonata) | Ischnura elegans             | Blue-Tailed Damselfly |                                 |
| SE359067 | Dearne Valley Park                           | 13/06/2005 | insect - dragonfly (Odonata) | Ischnura elegans             | Blue-Tailed Damselfly |                                 |
| SE358069 | Cliff Wood LWS                               | 01/08/2003 | insect - dragonfly (Odonata) | Ischnura elegans             | Blue-Tailed Damselfly |                                 |
| SE356070 | Cliff Wood LWS                               | 01/08/2003 | insect - dragonfly (Odonata) | Ischnura elegans             | Blue-Tailed Damselfly |                                 |
| SE359068 | Cliff Wood LWS                               | 14/09/2013 | fungus                       | Daedaleopsis confragosa      | Blushing Bracket      | a few brackets on willow        |
| SE3505   | Measborough Dike                             | 22/02/2007 | moss                         | Aulacomnium palustre         | Bog Groove-moss       |                                 |
| SE341071 | 'BARNSELEY MBC'                              | 04/06/2014 | flowering plant              | Buxus sempervirens           | Box                   |                                 |
| SE3407   | 'BARNSELEY MBC'                              | 22/09/2012 | fern                         | Pteridium aquilinum          | Bracken               |                                 |
| SE349074 | Old Mill Lane Culvert Bat Roost              | 01/09/2010 | fern                         | Pteridium aquilinum          | Bracken               |                                 |
| SE356070 | Cliff Wood LWS                               | 01/08/2003 | fern                         | Pteridium aquilinum          | Bracken               |                                 |

|          |                                              |            |                 |                          |           |                                      |
|----------|----------------------------------------------|------------|-----------------|--------------------------|-----------|--------------------------------------|
| SE359068 | Cliff Wood LWS                               | 14/09/2013 | fern            | Pteridium aquilinum      | Bracken   |                                      |
| SE341071 | 'BARNSELEY MBC'                              | 04/06/2014 | fern            | Pteridium aquilinum      | Bracken   |                                      |
| SE359066 | Cliff Wood LWS                               | 01/01/2010 | flowering plant | Rubus fruticosus agg.    | Bramble   | broadleaved plantation               |
| SE348077 | Old Mill Lane Culvert Bat Roost              | 01/09/2010 | flowering plant | Rubus fruticosus agg.    | Bramble   |                                      |
| SE349074 | Old Mill Lane Culvert Bat Roost              | 01/09/2010 | flowering plant | Rubus fruticosus agg.    | Bramble   |                                      |
| SE351073 | Old Mill Lane Culvert Bat Roost              | 01/09/2010 | flowering plant | Rubus fruticosus agg.    | Bramble   |                                      |
| SE3407   | Old Mill Lane Culvert Bat Roost              | 01/09/2010 | flowering plant | Rubus fruticosus agg.    | Bramble   |                                      |
| SE350076 | 'BARNSELEY MBC'                              | 01/10/2006 | flowering plant | Rubus fruticosus agg.    | Bramble   |                                      |
| SE358069 | Cliff Wood LWS                               | 01/08/2003 | flowering plant | Rubus fruticosus agg.    | Bramble   |                                      |
| SE356070 | Cliff Wood LWS                               | 01/08/2003 | flowering plant | Rubus fruticosus agg.    | Bramble   |                                      |
| SE344051 | 'BARNSELEY MBC'                              | 29/11/2010 | flowering plant | Rubus fruticosus agg.    | Bramble   |                                      |
| SE341071 | 'BARNSELEY MBC'                              | 04/06/2014 | flowering plant | Rubus fruticosus agg.    | Bramble   |                                      |
| SE342074 | 'BARNSELEY MBC'                              | 04/06/2014 | flowering plant | Rubus fruticosus agg.    | Bramble   |                                      |
| SE30     | Rockley Valley                               | 19/11/1995 | bird            | Fringilla montifringilla | Brambling |                                      |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 13/04/1996 | bird            | Fringilla montifringilla | Brambling |                                      |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 04/10/1996 | bird            | Fringilla montifringilla | Brambling |                                      |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 21/02/1997 | bird            | Fringilla montifringilla | Brambling |                                      |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 01/03/1998 | bird            | Fringilla montifringilla | Brambling |                                      |
| SE30     | Falthwaite                                   | 14/03/1990 | bird            | Fringilla montifringilla | Brambling |                                      |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 19/02/1995 | bird            | Fringilla montifringilla | Brambling |                                      |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 26/02/1995 | bird            | Fringilla montifringilla | Brambling |                                      |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 11/03/1995 | bird            | Fringilla montifringilla | Brambling | present all month near Sycamore Wood |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 08/04/1995 | bird            | Fringilla montifringilla | Brambling |                                      |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 27/04/1995 | bird            | Fringilla montifringilla | Brambling |                                      |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 01/05/1995 | bird            | Fringilla montifringilla | Brambling | latest ever recorded in Worsbro area |

|      |                                                 |            |      |                          |           |                                  |
|------|-------------------------------------------------|------------|------|--------------------------|-----------|----------------------------------|
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 25/10/1994 | bird | Fringilla montifringilla | Brambling |                                  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 29/10/1994 | bird | Fringilla montifringilla | Brambling |                                  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 26/11/1994 | bird | Fringilla montifringilla | Brambling | 1 on two other dates             |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/12/1994 | bird | Fringilla montifringilla | Brambling | several dates near Sycamore Wood |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/01/1995 | bird | Fringilla montifringilla | Brambling | near sycamore wood               |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 15/01/1995 | bird | Fringilla montifringilla | Brambling | near sycamore wood               |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 14/10/1992 | bird | Fringilla montifringilla | Brambling |                                  |
| SE30 | Rockley Valley                                  | 14/04/1993 | bird | Fringilla montifringilla | Brambling |                                  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 18/10/1993 | bird | Fringilla montifringilla | Brambling | smaller nos thro month from 16th |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 29/12/1993 | bird | Fringilla montifringilla | Brambling |                                  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 12/02/1994 | bird | Fringilla montifringilla | Brambling |                                  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 05/04/1994 | bird | Fringilla montifringilla | Brambling | near Sycamore Wood               |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 25/10/1990 | bird | Fringilla montifringilla | Brambling |                                  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 26/10/1990 | bird | Fringilla montifringilla | Brambling |                                  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 17/11/1990 | bird | Fringilla montifringilla | Brambling |                                  |
| SE30 | Rockley Valley                                  | 28/12/1991 | bird | Fringilla montifringilla | Brambling |                                  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 21/04/1992 | bird | Fringilla montifringilla | Brambling |                                  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 10/10/1992 | bird | Fringilla montifringilla | Brambling |                                  |

|          |                                                     |            |                              |                               |                                  |                                           |
|----------|-----------------------------------------------------|------------|------------------------------|-------------------------------|----------------------------------|-------------------------------------------|
| SE30     | 'BARNSELEY MBC'                                     | 23/10/2010 | bird                         | Fringilla montifringilla      | Brambling                        | 4 birds in trees                          |
| SE358069 | Cliff Wood LWS                                      | 01/08/2003 | insect - butterfly           | Gonepteryx rhamni             | Brimstone                        |                                           |
| SE3505   | Kendray                                             | 22/02/2007 | moss                         | Polytrichum piliferum         | Bristly Haircap                  |                                           |
| SE3407   | Honeywell                                           | 22/11/2006 | moss                         | Polytrichum piliferum         | Bristly Haircap                  |                                           |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP)        | 24/11/1995 | bird                         | Larus fuscus subsp. graellsii | British Lesser Black-Backed Gull |                                           |
| SE30     | tilled land in SE3709 to E of Carlton Marsh Reserve | 28/08/1997 | bird                         | Larus fuscus subsp. graellsii | British Lesser Black-Backed Gull |                                           |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP)        | 27/05/1990 | bird                         | Larus fuscus subsp. graellsii | British Lesser Black-Backed Gull | one to E, i imm to W                      |
| SE30     | Worsbrough Reservoir, Dove Valley                   | 01/03/1994 | bird                         | Larus fuscus subsp. graellsii | British Lesser Black-Backed Gull | sev dates, mostly in flight               |
| SE3407   | 'BARNSELEY MBC'                                     | 22/09/2012 | fern                         | Dryopteris dilatata           | Broad Buckler-Fern               |                                           |
| SE358069 | Cliff Wood LWS                                      | 01/08/2003 | flowering plant              | Rumex obtusifolius            | Broad-Leaved Dock                |                                           |
| SE356070 | Cliff Wood LWS                                      | 01/08/2003 | flowering plant              | Rumex obtusifolius            | Broad-Leaved Dock                |                                           |
| SE344051 | 'BARNSELEY MBC'                                     | 29/11/2010 | flowering plant              | Rumex obtusifolius            | Broad-Leaved Dock                |                                           |
| SE342066 | Barnsley centre                                     | 21/03/2012 | flowering plant              | Rumex obtusifolius            | Broad-leaved Dock                |                                           |
| SE30     | Worsbrough Reservoir LWS                            | 01/01/1987 | flowering plant              | Epipactis helleborine         | Broad-Leaved Helleborine         |                                           |
| SE359068 | Cliff Wood LWS                                      | 14/09/2013 | flowering plant              | Epipactis helleborine         | Broad-Leaved Helleborine         | one stem beside track, flowering finished |
| SE3407   | Fleets                                              | 20/07/1982 | flowering plant              | Potamogeton natans            | Broad-Leaved Pondweed            |                                           |
| SE359066 | Cliff Wood LWS                                      | 01/01/2010 | flowering plant              | Epilobium montanum            | Broad-Leaved Willowherb          | broadleaved plantation                    |
| SE3407   | 'BARNSELEY MBC'                                     | 22/09/2012 | flowering plant              | Epilobium montanum            | Broad-Leaved Willowherb          |                                           |
| SE342074 | 'BARNSELEY MBC'                                     | 04/06/2014 | flowering plant              | Bromus squarrosus             | Bromus squarrosus                |                                           |
| SE360067 | Dearne Valley Park                                  | 24/07/2013 | flowering plant              | Cytisus scoparius             | Broom                            |                                           |
| SE3407   | Fleets                                              | 01/01/1987 | flowering plant              | Cytisus scoparius             | Broom                            |                                           |
| SE3505   | Measborough Dike                                    | 22/02/2007 | moss                         | Dicranum scoparium            | Broom Fork-moss                  |                                           |
| SE3407   | Honeywell                                           | 22/11/2006 | moss                         | Dicranum scoparium            | Broom Fork-moss                  |                                           |
| SE360068 | Cliff Wood LWS                                      | 01/08/2003 | insect - dragonfly (Odonata) | Aeshna grandis                | Brown Hawker                     |                                           |
| SE30     | Barrow Colliery Barnsley                            | 25/06/1999 | terrestrial mammal           | Rattus norvegicus             | Brown Rat                        | Found dead                                |
| SE350076 | 'BARNSELEY MBC'                                     | 01/10/2006 | terrestrial mammal           | Rattus norvegicus             | Brown Rat                        |                                           |
| SE3407   |                                                     | 31/08/1988 | terrestrial mammal           | Rattus norvegicus             | Brown Rat                        |                                           |
| SE30     |                                                     | 05/06/1983 | terrestrial mammal           | Rattus norvegicus             | Brown Rat                        | dor                                       |
| SE3407   | The Fleets, Dearne Valley, Barnsley                 | 31/08/1988 | terrestrial mammal           | Rattus norvegicus             | Brown Rat                        |                                           |
| SE30     | 'BARNSELEY MBC'                                     | 05/06/1983 | terrestrial mammal           | Rattus norvegicus             | Brown Rat                        | dor                                       |
| SE3507   | Old Mill                                            | 06/01/2010 | moss                         | Ulota crispa var. norvegica   | Bruch's Pincushion               |                                           |
| SE3505   | Kendray                                             | 22/02/2007 | moss                         | Bryum bicolor                 | Bryum bicolor                    |                                           |
| SE3506   | Hoyle Mill                                          | 30/10/2006 | moss                         | Bryum dichotomum              | Bryum dichotomum                 |                                           |
| SE3407   | Honeywell                                           | 22/11/2006 | moss                         | Aulacomnium androgynum        | Bud-headed Groove-moss           |                                           |
| SE30     | Worsbrough Country Park                             | 10/08/1962 | lichen                       | Buellia aethalea              | Buellia aethalea                 |                                           |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP)        | 01/06/1995 | bird                         | Pyrrhula pyrrhula             | Bullfinch                        | few dates                                 |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP)        | 01/07/1995 | bird                         | Pyrrhula pyrrhula             | Bullfinch                        | several dates                             |

|      |                                                 |            |      |                   |           |                  |
|------|-------------------------------------------------|------------|------|-------------------|-----------|------------------|
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/08/1995 | bird | Pyrrhula pyrrhula | Bullfinch | several dates    |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/10/1995 | bird | Pyrrhula pyrrhula | Bullfinch | several dates    |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 09/12/1995 | bird | Pyrrhula pyrrhula | Bullfinch |                  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 22/01/1996 | bird | Pyrrhula pyrrhula | Bullfinch |                  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 02/01/1995 | bird | Pyrrhula pyrrhula | Bullfinch |                  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 09/02/1995 | bird | Pyrrhula pyrrhula | Bullfinch |                  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/03/1995 | bird | Pyrrhula pyrrhula | Bullfinch | several dates    |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 16/05/1995 | bird | Pyrrhula pyrrhula | Bullfinch |                  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/10/1993 | bird | Pyrrhula pyrrhula | Bullfinch | on several dates |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/12/1993 | bird | Pyrrhula pyrrhula | Bullfinch | sev dates        |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 10/01/1994 | bird | Pyrrhula pyrrhula | Bullfinch |                  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/07/1994 | bird | Pyrrhula pyrrhula | Bullfinch | sev dates        |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/08/1994 | bird | Pyrrhula pyrrhula | Bullfinch | sev dates        |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/02/1993 | bird | Pyrrhula pyrrhula | Bullfinch | several dates    |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/10/1994 | bird | Pyrrhula pyrrhula | Bullfinch | several dates    |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/04/1993 | bird | Pyrrhula pyrrhula | Bullfinch | sev dates        |

|      |                                                 |            |      |                   |           |                       |
|------|-------------------------------------------------|------------|------|-------------------|-----------|-----------------------|
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/05/1993 | bird | Pyrrhula pyrrhula | Bullfinch | a few pairs sev dates |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/08/1993 | bird | Pyrrhula pyrrhula | Bullfinch | many dates            |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 20/09/1993 | bird | Pyrrhula pyrrhula | Bullfinch |                       |
| SE30 | Broom Royd Wood, Rockley<br>Valley              | 28/12/1991 | bird | Pyrrhula pyrrhula | Bullfinch |                       |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 19/11/1993 | bird | Pyrrhula pyrrhula | Bullfinch |                       |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 16/05/1992 | bird | Pyrrhula pyrrhula | Bullfinch |                       |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/08/1992 | bird | Pyrrhula pyrrhula | Bullfinch | several dates         |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 29/11/1992 | bird | Pyrrhula pyrrhula | Bullfinch |                       |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/01/1993 | bird | Pyrrhula pyrrhula | Bullfinch |                       |
| SE30 | Rockley Valley                                  | 15/02/1991 | bird | Pyrrhula pyrrhula | Bullfinch |                       |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/03/1993 | bird | Pyrrhula pyrrhula | Bullfinch | on sev dates          |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/06/1991 | bird | Pyrrhula pyrrhula | Bullfinch | small numbers         |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 30/09/1991 | bird | Pyrrhula pyrrhula | Bullfinch |                       |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 22/11/1991 | bird | Pyrrhula pyrrhula | Bullfinch |                       |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 28/12/1991 | bird | Pyrrhula pyrrhula | Bullfinch |                       |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/03/1998 | bird | Pyrrhula pyrrhula | Bullfinch |                       |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 15/01/1992 | bird | Pyrrhula pyrrhula | Bullfinch |                       |

|      |                                                 |            |      |                   |           |               |
|------|-------------------------------------------------|------------|------|-------------------|-----------|---------------|
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/05/1990 | bird | Pyrrhula pyrrhula | Bullfinch |               |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 14/10/1990 | bird | Pyrrhula pyrrhula | Bullfinch |               |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 14/11/1990 | bird | Pyrrhula pyrrhula | Bullfinch |               |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/01/1991 | bird | Pyrrhula pyrrhula | Bullfinch |               |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/09/1996 | bird | Pyrrhula pyrrhula | Bullfinch | several dates |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/03/1991 | bird | Pyrrhula pyrrhula | Bullfinch | several dates |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/11/1996 | bird | Pyrrhula pyrrhula | Bullfinch | several dates |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 08/12/1996 | bird | Pyrrhula pyrrhula | Bullfinch |               |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 03/02/1997 | bird | Pyrrhula pyrrhula | Bullfinch |               |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/03/1997 | bird | Pyrrhula pyrrhula | Bullfinch | several dates |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/02/1996 | bird | Pyrrhula pyrrhula | Bullfinch | many dates    |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 05/02/1989 | bird | Pyrrhula pyrrhula | Bullfinch |               |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 24/03/1996 | bird | Pyrrhula pyrrhula | Bullfinch |               |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 09/04/1996 | bird | Pyrrhula pyrrhula | Bullfinch |               |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/05/1996 | bird | Pyrrhula pyrrhula | Bullfinch | several dates |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/06/1996 | bird | Pyrrhula pyrrhula | Bullfinch | on few dates  |

|          |                                              |            |                            |                     |                     |                                                              |
|----------|----------------------------------------------|------------|----------------------------|---------------------|---------------------|--------------------------------------------------------------|
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 01/07/1996 | bird                       | Pyrrhula pyrrhula   | Bullfinch           | on several dates                                             |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 01/10/1996 | bird                       | Pyrrhula pyrrhula   | Bullfinch           | several dates                                                |
| SE30     | Cliff Wood LWS                               | 01/01/2005 | bird                       | Pyrrhula pyrrhula   | Bullfinch           | breeding                                                     |
| SE30     | Short Wood near Birdwell, Worsbrough         | 01/01/2005 | bird                       | Pyrrhula pyrrhula   | Bullfinch           | breeding                                                     |
| SE30     | Hood Green Pasture LWS                       | 01/01/2005 | bird                       | Pyrrhula pyrrhula   | Bullfinch           | breeding                                                     |
| SE30     | Barrow Colliery Barnsley                     | 01/01/2005 | bird                       | Pyrrhula pyrrhula   | Bullfinch           | breeding                                                     |
| SE3507   | Old Mill Lane, Barnsley                      | 01/01/2005 | bird                       | Pyrrhula pyrrhula   | Bullfinch           | breeding                                                     |
| SE30     | 'BARNSELY MBC'                               | 18/12/2010 | bird                       | Pyrrhula pyrrhula   | Bullfinch           | 6 birds feeding on dried nettle seeds and silver birch seeds |
| SE352072 | 'BARNSELY MBC'                               | 02/10/2011 | bony fish (Actinopterygii) | Cottus gobio        | Bullhead            | brief survey; dense population                               |
| SE3407   | Fleets                                       | 01/01/1993 | flowering plant            | Typha latifolia     | Bulrush             |                                                              |
| SE3407   | Barnsley Canal general                       | 01/01/1993 | flowering plant            | Typha latifolia     | Bulrush             |                                                              |
| SE3506   | Dearne Valley Park                           | 01/01/1993 | flowering plant            | Typha latifolia     | Bulrush             |                                                              |
| SE3507   | Dearne Valley Park                           | 01/01/1993 | flowering plant            | Typha latifolia     | Bulrush             |                                                              |
| SE360067 | Cliff Wood LWS                               | 01/01/2010 | flowering plant            | Typha latifolia     | Bulrush             | swamp, scattered scrub                                       |
| SE349074 | Old Mill Lane Culvert Bat Roost              | 01/09/2010 | flowering plant            | Typha latifolia     | Bulrush             |                                                              |
| SE348076 | Old Mill Lane Culvert Bat Roost              | 01/09/2010 | flowering plant            | Typha latifolia     | Bulrush             |                                                              |
| SE360067 | Cliff Wood LWS                               | 05/07/2013 | flowering plant            | Typha latifolia     | Bulrush             |                                                              |
| SE359067 | Cliff Wood LWS                               | 14/09/2013 | flowering plant            | Typha latifolia     | Bulrush             |                                                              |
| SE3407   | 'BARNSELY MBC'                               | 22/09/2012 | flowering plant            | Vicia sepium        | Bush Vetch          |                                                              |
| SE30     | Worsbrough Reservoir LWS                     | 01/01/1986 | flowering plant            | Petasites hybridus  | Butterbur           |                                                              |
| SE3507   | Dearne Valley Park                           | 01/01/1993 | flowering plant            | Buddleja davidii    | Butterfly-Bush      |                                                              |
| SE3407   | Fleets                                       | 01/01/1987 | flowering plant            | Buddleja davidii    | Butterfly-Bush      |                                                              |
| SE341071 | 'BARNSELY MBC'                               | 04/06/2014 | flowering plant            | Buddleja davidii    | Butterfly-Bush      |                                                              |
| SE342064 | Barnsley centre                              | 21/03/2012 | flowering plant            | Buddleja davidii    | Butterfly-bush      |                                                              |
| SE342065 | Barnsley centre                              | 21/03/2012 | flowering plant            | Buddleja davidii    | Butterfly-bush      |                                                              |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 06/05/1991 | bird                       | Buteo buteo         | Buzzard             |                                                              |
| SE30     | Wombwell                                     | 12/12/1975 | lichen                     | Caloplaca citrina   | Caloplaca citrina   |                                                              |
| SE30     | Worsbrough Country Park                      | 10/08/1962 | lichen                     | Caloplaca citrina   | Caloplaca citrina   |                                                              |
| SE3407   | 'BARNSELY MBC'                               | 22/09/2012 | lichen                     | Caloplaca citrina   | Caloplaca citrina   |                                                              |
| SE30     | Worsbrough Country Park                      | 10/08/1962 | lichen                     | Caloplaca holocarpa | Caloplaca holocarpa |                                                              |
| SE30     | Worsbrough Country Park                      | 10/08/1962 | lichen                     | Caloplaca saxicola  | Caloplaca saxicola  |                                                              |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 23/11/1995 | bird                       | Branta canadensis   | Canada Goose        |                                                              |
| SE30     | Rockley Valley                               | 03/07/1990 | bird                       | Branta canadensis   | Canada Goose        |                                                              |
| SE30     | Rockley Valley                               | 02/03/1991 | bird                       | Branta canadensis   | Canada Goose        |                                                              |
| SE30     | Rockley Valley                               | 01/01/1993 | bird                       | Branta canadensis   | Canada Goose        | several dates                                                |
| SE30     | Worsbrough Reservoir, Dove Valley            | 08/03/1994 | bird                       | Branta canadensis   | Canada Goose        | incl Rockley                                                 |
| SE360067 | Cliff Wood LWS                               | 05/07/2013 | bird                       | Branta canadensis   | Canada Goose        |                                                              |

|          |                                              |            |                            |                                         |                                         |               |
|----------|----------------------------------------------|------------|----------------------------|-----------------------------------------|-----------------------------------------|---------------|
| SE348077 | The Fleets, Dearne Valley, Barnsley          | 26/02/2013 | bird                       | Branta canadensis                       | Canada Goose                            |               |
| SE3407   | Fleets                                       | 17/07/1982 | flowering plant            | Elodea canadensis                       | Canadian Waterweed                      |               |
| SE30     | Wombwell                                     | 12/12/1975 | lichen                     | Candelariella aurella forma aurella     | Candelariella aurella forma aurella     |               |
| SE30     | Worsbrough Country Park                      | 10/08/1962 | lichen                     | Candelariella aurella forma aurella     | Candelariella aurella forma aurella     |               |
| SE30     | Wombwell                                     | 12/12/1975 | lichen                     | Candelariella vitellina forma vitellina | Candelariella vitellina forma vitellina |               |
| SE30     | Worsbrough Country Park                      | 10/08/1962 | lichen                     | Candelariella vitellina forma vitellina | Candelariella vitellina forma vitellina |               |
| SE3506   | Hoyle Mill                                   | 30/10/2006 | moss                       | Bryum capillare                         | Capillary Thread-moss                   |               |
| SE30     | Stainborough Hall                            | 01/01/1884 | bony fish (Actinopterygii) | Cyprinus carpio                         | Carp                                    |               |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 04/05/1990 | bird                       | Corvus corone agg.                      | Carrion Crow                            |               |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 08/08/1990 | bird                       | Corvus corone agg.                      | Carrion Crow                            |               |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 19/09/1990 | bird                       | Corvus corone agg.                      | Carrion Crow                            |               |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 09/10/1990 | bird                       | Corvus corone agg.                      | Carrion Crow                            |               |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 01/06/1991 | bird                       | Corvus corone agg.                      | Carrion Crow                            | usual numbres |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 01/06/1995 | bird                       | Corvus corone subsp. corone             | Carrion Crow                            | many dates    |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 01/08/1995 | bird                       | Corvus corone subsp. corone             | Carrion Crow                            | several dates |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 04/09/1995 | bird                       | Corvus corone subsp. corone             | Carrion Crow                            |               |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 01/10/1995 | bird                       | Corvus corone subsp. corone             | Carrion Crow                            | many dates    |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 03/12/1995 | bird                       | Corvus corone subsp. corone             | Carrion Crow                            |               |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 01/03/1997 | bird                       | Corvus corone subsp. corone             | Carrion Crow                            | usual numbers |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 01/01/1992 | bird                       | Corvus corone subsp. corone             | Carrion Crow                            | usual numbers |

|          |                                              |            |                 |                             |              |                                                                     |
|----------|----------------------------------------------|------------|-----------------|-----------------------------|--------------|---------------------------------------------------------------------|
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 16/05/1992 | bird            | Corvus corone subsp. corone | Carrion Crow |                                                                     |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 30/12/1993 | bird            | Corvus corone subsp. corone | Carrion Crow |                                                                     |
| SE344060 | 'BARNLEY MBC'                                | 26/03/2011 | bird            | Corvus corone subsp. corone | Carrion Crow | pair nestbuilding in alder                                          |
| SE341066 | Barnsley centre                              | 21/03/2012 | bird            | Corvus corone subsp. corone | Carrion Crow |                                                                     |
| SE342074 | 'BARNLEY MBC'                                | 04/06/2014 | bird            | Corvus corone               | Carrion Crow |                                                                     |
| SE336063 | 'BARNLEY MBC'                                | 25/01/2009 | bird            | Corvus corone               | Carrion Crow |                                                                     |
| SE351049 | 'BARNLEY MBC'                                | 25/01/2009 | bird            | Corvus corone               | Carrion Crow |                                                                     |
| SE351049 | 'BARNLEY MBC'                                | 25/01/2009 | bird            | Corvus corone               | Carrion Crow |                                                                     |
| SE336063 | 'BARNLEY MBC'                                | 25/01/2009 | bird            | Corvus corone               | Carrion Crow |                                                                     |
| SE360067 | Cliff Wood LWS                               | 01/01/2010 | flowering plant | Hypochaeris radicata        | Cat's-Ear    | swamp, scattered scrub                                              |
| SE3407   | 'BARNLEY MBC'                                | 22/09/2012 | flowering plant | Hypochaeris radicata        | Cat's-Ear    |                                                                     |
| SE358069 | Cliff Wood LWS                               | 01/08/2003 | flowering plant | Hypochaeris radicata        | Cat's-Ear    |                                                                     |
| SE341071 | 'BARNLEY MBC'                                | 04/06/2014 | flowering plant | Hypochaeris radicata        | Cat's-Ear    |                                                                     |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 01/06/1995 | bird            | Fringilla coelebs           | Chaffinch    | daily occurrence                                                    |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 01/08/1995 | bird            | Fringilla coelebs           | Chaffinch    | several dates                                                       |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 17/09/1995 | bird            | Fringilla coelebs           | Chaffinch    |                                                                     |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 07/10/1995 | bird            | Fringilla coelebs           | Chaffinch    |                                                                     |
| SE30     | Sycamore Wood, Dove Valley, Worsbrough       | 28/11/1995 | bird            | Fringilla coelebs           | Chaffinch    |                                                                     |
| SE30     | Rockley Valley                               | 29/12/1995 | bird            | Fringilla coelebs           | Chaffinch    |                                                                     |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 12/03/1995 | bird            | Fringilla coelebs           | Chaffinch    |                                                                     |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 28/03/1995 | bird            | Fringilla coelebs           | Chaffinch    |                                                                     |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 29/12/1993 | bird            | Fringilla coelebs           | Chaffinch    | This occurrence was originally an associated species in Recorder 3. |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 01/12/1994 | bird            | Fringilla coelebs           | Chaffinch    | This occurrence was originally an associated species in Recorder 3. |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 01/01/1995 | bird            | Fringilla coelebs           | Chaffinch    | This occurrence was originally an associated species in Recorder 3. |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 15/01/1995 | bird            | Fringilla coelebs           | Chaffinch    | This occurrence was originally an associated species in Recorder 3. |

|      |                                                 |            |      |                   |           |               |
|------|-------------------------------------------------|------------|------|-------------------|-----------|---------------|
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 25/08/1994 | bird | Fringilla coelebs | Chaffinch |               |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/09/1994 | bird | Fringilla coelebs | Chaffinch | sev dates     |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 21/10/1994 | bird | Fringilla coelebs | Chaffinch |               |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 26/11/1994 | bird | Fringilla coelebs | Chaffinch |               |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/12/1994 | bird | Fringilla coelebs | Chaffinch | several dates |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 06/02/1995 | bird | Fringilla coelebs | Chaffinch |               |
| SE30 | Rockley Valley                                  | 01/01/1993 | bird | Fringilla coelebs | Chaffinch |               |
| SE30 | Rockley Valley                                  | 10/03/1993 | bird | Fringilla coelebs | Chaffinch |               |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 31/12/1993 | bird | Fringilla coelebs | Chaffinch |               |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 21/01/1994 | bird | Fringilla coelebs | Chaffinch | incl Rockley  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 12/02/1994 | bird | Fringilla coelebs | Chaffinch |               |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 07/03/1994 | bird | Fringilla coelebs | Chaffinch |               |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 08/06/1991 | bird | Fringilla coelebs | Chaffinch |               |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 25/10/1991 | bird | Fringilla coelebs | Chaffinch |               |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 22/11/1991 | bird | Fringilla coelebs | Chaffinch |               |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 08/02/1992 | bird | Fringilla coelebs | Chaffinch |               |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 16/05/1992 | bird | Fringilla coelebs | Chaffinch |               |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 23/10/1992 | bird | Fringilla coelebs | Chaffinch |               |

|          |                                                 |            |      |                   |           |               |
|----------|-------------------------------------------------|------------|------|-------------------|-----------|---------------|
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/02/1997 | bird | Fringilla coelebs | Chaffinch | few dates     |
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 20/03/1997 | bird | Fringilla coelebs | Chaffinch |               |
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 05/02/1989 | bird | Fringilla coelebs | Chaffinch |               |
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 04/05/1990 | bird | Fringilla coelebs | Chaffinch |               |
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 10/10/1990 | bird | Fringilla coelebs | Chaffinch |               |
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 04/03/1991 | bird | Fringilla coelebs | Chaffinch |               |
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/01/1996 | bird | Fringilla coelebs | Chaffinch | on few dates  |
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/02/1996 | bird | Fringilla coelebs | Chaffinch | few dates     |
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 27/09/1996 | bird | Fringilla coelebs | Chaffinch |               |
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 27/10/1996 | bird | Fringilla coelebs | Chaffinch | Sycamore wood |
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/11/1996 | bird | Fringilla coelebs | Chaffinch | few dates     |
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/12/1996 | bird | Fringilla coelebs | Chaffinch | few dates     |
| SE336063 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Fringilla coelebs | Chaffinch |               |
| SE340065 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Fringilla coelebs | Chaffinch |               |
| SE352054 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Fringilla coelebs | Chaffinch |               |
| SE341055 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Fringilla coelebs | Chaffinch |               |
| SE343070 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Fringilla coelebs | Chaffinch |               |
| SE352055 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Fringilla coelebs | Chaffinch |               |
| SE355074 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Fringilla coelebs | Chaffinch |               |
| SE350068 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Fringilla coelebs | Chaffinch |               |
| SE353059 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Fringilla coelebs | Chaffinch |               |
| SE344054 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Fringilla coelebs | Chaffinch |               |
| SE353059 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Fringilla coelebs | Chaffinch |               |
| SE338073 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Fringilla coelebs | Chaffinch |               |
| SE337058 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Fringilla coelebs | Chaffinch |               |
| SE341072 | 'BARNLEY MBC'                                   | 25/01/2009 | bird | Fringilla coelebs | Chaffinch |               |

|          |                                                 |            |                             |                        |                    |                       |
|----------|-------------------------------------------------|------------|-----------------------------|------------------------|--------------------|-----------------------|
| SE343054 | 'BARNSELEY MBC'                                 | 25/01/2009 | bird                        | Fringilla coelebs      | Chaffinch          |                       |
| SE351049 | 'BARNSELEY MBC'                                 | 25/01/2009 | bird                        | Fringilla coelebs      | Chaffinch          |                       |
| SE352055 | 'BARNSELEY MBC'                                 | 25/01/2009 | bird                        | Fringilla coelebs      | Chaffinch          |                       |
| SE344054 | 'BARNSELEY MBC'                                 | 25/01/2009 | bird                        | Fringilla coelebs      | Chaffinch          |                       |
| SE350068 | 'BARNSELEY MBC'                                 | 25/01/2009 | bird                        | Fringilla coelebs      | Chaffinch          |                       |
| SE351049 | 'BARNSELEY MBC'                                 | 25/01/2009 | bird                        | Fringilla coelebs      | Chaffinch          |                       |
| SE341072 | 'BARNSELEY MBC'                                 | 25/01/2009 | bird                        | Fringilla coelebs      | Chaffinch          |                       |
| SE338073 | 'BARNSELEY MBC'                                 | 25/01/2009 | bird                        | Fringilla coelebs      | Chaffinch          |                       |
| SE336063 | 'BARNSELEY MBC'                                 | 25/01/2009 | bird                        | Fringilla coelebs      | Chaffinch          |                       |
| SE337058 | 'BARNSELEY MBC'                                 | 25/01/2009 | bird                        | Fringilla coelebs      | Chaffinch          |                       |
| SE340065 | 'BARNSELEY MBC'                                 | 25/01/2009 | bird                        | Fringilla coelebs      | Chaffinch          |                       |
| SE341055 | 'BARNSELEY MBC'                                 | 25/01/2009 | bird                        | Fringilla coelebs      | Chaffinch          |                       |
| SE355074 | 'BARNSELEY MBC'                                 | 25/01/2009 | bird                        | Fringilla coelebs      | Chaffinch          |                       |
| SE352054 | 'BARNSELEY MBC'                                 | 25/01/2009 | bird                        | Fringilla coelebs      | Chaffinch          |                       |
| SE342066 | Barnsley centre                                 | 21/03/2012 | bird                        | Fringilla coelebs      | Chaffinch          | Singing.              |
| SE342066 | Barnsley centre                                 | 21/03/2012 | bird                        | Fringilla coelebs      | Chaffinch          | Singing.              |
| SE30     | Bagger Wood Farm,<br>Stainborough               | 23/04/2011 | bird                        | Fringilla coelebs      | Chaffinch          | 7 Count               |
| SE347072 | 'BARNSELEY MBC'                                 | 19/02/2013 | bird                        | Fringilla coelebs      | Chaffinch          | Singing.              |
| SE343054 | 'BARNSELEY MBC'                                 | 25/01/2009 | bird                        | Fringilla coelebs      | Chaffinch          |                       |
| SE343070 | 'BARNSELEY MBC'                                 | 25/01/2009 | bird                        | Fringilla coelebs      | Chaffinch          |                       |
| SE3407   | Barnsley Canal general                          | 07/06/1986 | insect - true fly (Diptera) | Cheilosia fraterna     | Cheilosia fraterna |                       |
| SE341071 | 'BARNSELEY MBC'                                 | 04/06/2014 | flowering plant             | Prunus laurocerasus    | Cherry Laurel      |                       |
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 20/05/1995 | bird                        | Phylloscopus collybita | Chiffchaff         |                       |
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/06/1995 | bird                        | Phylloscopus collybita | Chiffchaff         | many dates            |
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/07/1995 | bird                        | Phylloscopus collybita | Chiffchaff         | many dates            |
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/08/1995 | bird                        | Phylloscopus collybita | Chiffchaff         | many dates            |
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 28/09/1995 | bird                        | Phylloscopus collybita | Chiffchaff         |                       |
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 07/10/1995 | bird                        | Phylloscopus collybita | Chiffchaff         |                       |
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 31/03/1995 | bird                        | Phylloscopus collybita | Chiffchaff         |                       |
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/08/1994 | bird                        | Phylloscopus collybita | Chiffchaff         | few dates             |
| SE358068 | Dearne Valley Park                              | 24/07/2013 | bird                        | Phylloscopus collybita | Chiffchaff         | Calling from woodland |

|      |                                                 |            |      |                        |            |                    |
|------|-------------------------------------------------|------------|------|------------------------|------------|--------------------|
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/10/1994 | bird | Phylloscopus collybita | Chiffchaff |                    |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 06/10/1994 | bird | Phylloscopus collybita | Chiffchaff |                    |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 14/03/1995 | bird | Phylloscopus collybita | Chiffchaff |                    |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 16/03/1995 | bird | Phylloscopus collybita | Chiffchaff |                    |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 12/11/1993 | bird | Phylloscopus collybita | Chiffchaff | shrubby in S field |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 15/04/1995 | bird | Phylloscopus collybita | Chiffchaff |                    |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/04/1994 | bird | Phylloscopus collybita | Chiffchaff | on 3 dates         |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 02/05/1994 | bird | Phylloscopus collybita | Chiffchaff |                    |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 13/06/1994 | bird | Phylloscopus collybita | Chiffchaff |                    |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/07/1994 | bird | Phylloscopus collybita | Chiffchaff | few dates          |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/05/1993 | bird | Phylloscopus collybita | Chiffchaff | few dates          |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 30/09/1994 | bird | Phylloscopus collybita | Chiffchaff |                    |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/07/1993 | bird | Phylloscopus collybita | Chiffchaff | few dates          |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 21/08/1993 | bird | Phylloscopus collybita | Chiffchaff | also on 26th       |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 07/09/1993 | bird | Phylloscopus collybita | Chiffchaff |                    |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 02/10/1993 | bird | Phylloscopus collybita | Chiffchaff |                    |

|      |                                                 |            |      |                        |            |                  |
|------|-------------------------------------------------|------------|------|------------------------|------------|------------------|
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 16/09/1992 | bird | Phylloscopus collybita | Chiffchaff |                  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 26/03/1994 | bird | Phylloscopus collybita | Chiffchaff |                  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 14/03/1993 | bird | Phylloscopus collybita | Chiffchaff |                  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 14/03/1993 | bird | Phylloscopus collybita | Chiffchaff |                  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 27/03/1993 | bird | Phylloscopus collybita | Chiffchaff |                  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 24/04/1993 | bird | Phylloscopus collybita | Chiffchaff |                  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 20/03/1992 | bird | Phylloscopus collybita | Chiffchaff |                  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/06/1993 | bird | Phylloscopus collybita | Chiffchaff | many dates       |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 16/05/1992 | bird | Phylloscopus collybita | Chiffchaff |                  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/06/1992 | bird | Phylloscopus collybita | Chiffchaff |                  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/07/1992 | bird | Phylloscopus collybita | Chiffchaff | small numbers    |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/08/1992 | bird | Phylloscopus collybita | Chiffchaff | several dates    |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/05/1991 | bird | Phylloscopus collybita | Chiffchaff | several dates    |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 06/10/1992 | bird | Phylloscopus collybita | Chiffchaff |                  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 20/07/1991 | bird | Phylloscopus collybita | Chiffchaff |                  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/08/1991 | bird | Phylloscopus collybita | Chiffchaff | on several dates |

|      |                                                 |            |      |                        |            |  |
|------|-------------------------------------------------|------------|------|------------------------|------------|--|
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 05/10/1991 | bird | Phylloscopus collybita | Chiffchaff |  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 18/10/1991 | bird | Phylloscopus collybita | Chiffchaff |  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 28/09/1990 | bird | Phylloscopus collybita | Chiffchaff |  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 08/04/1992 | bird | Phylloscopus collybita | Chiffchaff |  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 26/10/1990 | bird | Phylloscopus collybita | Chiffchaff |  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 03/11/1990 | bird | Phylloscopus collybita | Chiffchaff |  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 20/03/1991 | bird | Phylloscopus collybita | Chiffchaff |  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 24/04/1991 | bird | Phylloscopus collybita | Chiffchaff |  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 19/04/1990 | bird | Phylloscopus collybita | Chiffchaff |  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 20/06/1991 | bird | Phylloscopus collybita | Chiffchaff |  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 31/05/1990 | bird | Phylloscopus collybita | Chiffchaff |  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 18/07/1990 | bird | Phylloscopus collybita | Chiffchaff |  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 28/08/1990 | bird | Phylloscopus collybita | Chiffchaff |  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/09/1990 | bird | Phylloscopus collybita | Chiffchaff |  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 12/06/1989 | bird | Phylloscopus collybita | Chiffchaff |  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 02/10/1990 | bird | Phylloscopus collybita | Chiffchaff |  |

|      |                                                 |            |      |                        |            |                  |
|------|-------------------------------------------------|------------|------|------------------------|------------|------------------|
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 29/08/1989 | bird | Phylloscopus collybita | Chiffchaff |                  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/09/1989 | bird | Phylloscopus collybita | Chiffchaff |                  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 07/10/1989 | bird | Phylloscopus collybita | Chiffchaff |                  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 09/10/1989 | bird | Phylloscopus collybita | Chiffchaff |                  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 12/09/1998 | bird | Phylloscopus collybita | Chiffchaff |                  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 04/05/1990 | bird | Phylloscopus collybita | Chiffchaff |                  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 10/10/2003 | bird | Phylloscopus collybita | Chiffchaff | 1-3 until 10th   |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 17/03/1989 | bird | Phylloscopus collybita | Chiffchaff |                  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 15/04/1989 | bird | Phylloscopus collybita | Chiffchaff | incl Rockley     |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 10/05/1989 | bird | Phylloscopus collybita | Chiffchaff |                  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/07/1996 | bird | Phylloscopus collybita | Chiffchaff | on several dates |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 18/07/1989 | bird | Phylloscopus collybita | Chiffchaff |                  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/10/1996 | bird | Phylloscopus collybita | Chiffchaff | several dates    |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 25/12/1996 | bird | Phylloscopus collybita | Chiffchaff |                  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 12/03/1997 | bird | Phylloscopus collybita | Chiffchaff |                  |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/03/1998 | bird | Phylloscopus collybita | Chiffchaff |                  |

|          |                                              |            |                                 |                          |                        |                        |
|----------|----------------------------------------------|------------|---------------------------------|--------------------------|------------------------|------------------------|
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 25/09/1996 | bird                            | Phylloscopus collybita   | Chiffchaff             |                        |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 29/09/1998 | bird                            | Phylloscopus collybita   | Chiffchaff             |                        |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 24/03/1996 | bird                            | Phylloscopus collybita   | Chiffchaff             |                        |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 27/04/1996 | bird                            | Phylloscopus collybita   | Chiffchaff             |                        |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 01/05/1996 | bird                            | Phylloscopus collybita   | Chiffchaff             | many dates             |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 01/06/1996 | bird                            | Phylloscopus collybita   | Chiffchaff             | several dates          |
| SE3507   | Barnsley Town Centre (SE3406)                | 26/02/2007 | bird                            | Phylloscopus collybita   | Chiffchaff             |                        |
| SE30     | Bagger Wood Farm, Stainborough               | 23/04/2011 | bird                            | Phylloscopus collybita   | Chiffchaff             | 5 Count                |
| SE3407   | Barnsley Canal general                       | 07/06/1986 | insect - true fly (Diptera)     | Chrysotoxum arcuatum     | Chrysotoxum arcuatum   |                        |
| SE30     | Worsbrough Country Park                      | 10/08/1962 | lichen                          | Cladonia humilis         | Cladonia humilis       |                        |
| SE3407   | 'BARNSLEY MBC'                               | 22/09/2012 | flowering plant                 | Galium aparine           | Cleavers               |                        |
| SE341071 | 'BARNSLEY MBC'                               | 04/06/2014 | flowering plant                 | Galium aparine           | Cleavers               |                        |
| SE342074 | 'BARNSLEY MBC'                               | 04/06/2014 | flowering plant                 | Galium aparine           | Cleavers               |                        |
| SE342064 | Barnsley centre                              | 21/03/2012 | flowering plant                 | Galium aparine           | Cleavers               |                        |
| SE359067 | Dearne Valley Park                           | 13/06/2005 | insect - mayfly (Ephemeroptera) | Cloeon dipterum          | Cloeon dipterum        |                        |
| SE359066 | Cliff Wood LWS                               | 01/01/2010 | flowering plant                 | Rumex conglomeratus      | Clustered Dock         | broadleaved plantation |
| SE360067 | Dearne Valley Park                           | 24/07/2013 | flowering plant                 | Rumex conglomeratus      | Clustered Dock         |                        |
| SE3505   | Kendray                                      | 22/02/2007 | moss                            | Rhynchostegium confertum | Clustered Feather-moss |                        |
| SE3506   | Hoyle Mill                                   | 30/10/2006 | moss                            | Rhynchostegium confertum | Clustered Feather-moss |                        |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 01/06/1995 | bird                            | Parus ater               | Coal Tit               | few dates              |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 01/12/1995 | bird                            | Parus ater               | Coal Tit               | on few dates           |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 01/01/1996 | bird                            | Parus ater               | Coal Tit               | few dates              |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 30/03/1996 | bird                            | Parus ater               | Coal Tit               |                        |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 01/04/1996 | bird                            | Parus ater               | Coal Tit               | on few dates           |

|      |                                                 |            |      |            |          |                        |
|------|-------------------------------------------------|------------|------|------------|----------|------------------------|
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/10/1996 | bird | Parus ater | Coal Tit | many dates             |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/03/1994 | bird | Parus ater | Coal Tit |                        |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 17/09/1994 | bird | Parus ater | Coal Tit |                        |
| SE30 | Rockley Valley                                  | 07/02/1992 | bird | Parus ater | Coal Tit | including Stainborough |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/03/1992 | bird | Parus ater | Coal Tit | on several dates       |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/11/1994 | bird | Parus ater | Coal Tit | several dates          |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 02/01/1995 | bird | Parus ater | Coal Tit |                        |
| SE30 | Rockley Valley                                  | 29/09/1992 | bird | Parus ater | Coal Tit |                        |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/10/1992 | bird | Parus ater | Coal Tit |                        |
| SE30 | Rockley Valley                                  | 01/06/1991 | bird | Parus ater | Coal Tit |                        |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 08/06/1991 | bird | Parus ater | Coal Tit |                        |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/10/1993 | bird | Parus ater | Coal Tit | sev dates              |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/12/1993 | bird | Parus ater | Coal Tit | sev dates              |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 28/12/1991 | bird | Parus ater | Coal Tit |                        |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/01/1992 | bird | Parus ater | Coal Tit | several dates          |
| SE30 | Rockley Valley                                  | 01/12/1990 | bird | Parus ater | Coal Tit |                        |
| SE30 | Rockley Valley                                  | 27/01/1991 | bird | Parus ater | Coal Tit |                        |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 16/05/1992 | bird | Parus ater | Coal Tit |                        |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/07/1992 | bird | Parus ater | Coal Tit | few dates              |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 12/04/1991 | bird | Parus ater | Coal Tit |                        |

|      |                                                 |            |      |            |          |                       |
|------|-------------------------------------------------|------------|------|------------|----------|-----------------------|
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 04/05/1991 | bird | Parus ater | Coal Tit |                       |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/05/1989 | bird | Parus ater | Coal Tit |                       |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 30/07/1989 | bird | Parus ater | Coal Tit |                       |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 27/06/1991 | bird | Parus ater | Coal Tit |                       |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/11/1991 | bird | Parus ater | Coal Tit | several dates in Park |
| SE30 | Stainborough                                    | 01/05/1990 | bird | Parus ater | Coal Tit |                       |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 07/10/1990 | bird | Parus ater | Coal Tit |                       |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/11/1996 | bird | Parus ater | Coal Tit | many dates            |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 08/12/1996 | bird | Parus ater | Coal Tit |                       |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/02/1991 | bird | Parus ater | Coal Tit | on several dates      |
| SE30 | Stainborough                                    | 02/03/1991 | bird | Parus ater | Coal Tit |                       |
| SE30 | Rockley Valley                                  | 16/03/1997 | bird | Parus ater | Coal Tit |                       |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 30/09/1998 | bird | Parus ater | Coal Tit |                       |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/02/1989 | bird | Parus ater | Coal Tit | two dates             |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 12/04/1989 | bird | Parus ater | Coal Tit |                       |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/08/1989 | bird | Parus ater | Coal Tit | two sightings         |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 10/10/1989 | bird | Parus ater | Coal Tit |                       |
| SE30 | Rockley Valley                                  | 21/02/1995 | bird | Parus ater | Coal Tit |                       |
| SE30 | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/03/1995 | bird | Parus ater | Coal Tit | several dates         |

|          |                                                 |            |                              |                    |                |                        |
|----------|-------------------------------------------------|------------|------------------------------|--------------------|----------------|------------------------|
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/01/1993 | bird                         | Parus ater         | Coal Tit       | on few dates           |
| SE30     | River Dove Valley Worsbrough<br>(Worsbrough CP) | 01/02/1993 | bird                         | Parus ater         | Coal Tit       | few dates              |
| SE336063 | 'BARNLEY MBC'                                   | 25/01/2009 | bird                         | Periparus ater     | Coal Tit       |                        |
| SE344075 | 'BARNLEY MBC'                                   | 25/01/2009 | bird                         | Periparus ater     | Coal Tit       |                        |
| SE341074 | 'BARNLEY MBC'                                   | 25/01/2009 | bird                         | Periparus ater     | Coal Tit       |                        |
| SE355074 | 'BARNLEY MBC'                                   | 25/01/2009 | bird                         | Periparus ater     | Coal Tit       |                        |
| SE350068 | 'BARNLEY MBC'                                   | 25/01/2009 | bird                         | Periparus ater     | Coal Tit       |                        |
| SE343070 | 'BARNLEY MBC'                                   | 25/01/2009 | bird                         | Periparus ater     | Coal Tit       |                        |
| SE347074 | 'BARNLEY MBC'                                   | 25/01/2009 | bird                         | Periparus ater     | Coal Tit       |                        |
| SE344053 | 'BARNLEY MBC'                                   | 25/01/2009 | bird                         | Periparus ater     | Coal Tit       |                        |
| SE353059 | 'BARNLEY MBC'                                   | 25/01/2009 | bird                         | Periparus ater     | Coal Tit       |                        |
| SE333063 | 'BARNLEY MBC'                                   | 25/01/2009 | bird                         | Periparus ater     | Coal Tit       |                        |
| SE333063 | 'BARNLEY MBC'                                   | 25/01/2009 | bird                         | Periparus ater     | Coal Tit       |                        |
| SE337069 | 'BARNLEY MBC'                                   | 25/01/2009 | bird                         | Periparus ater     | Coal Tit       |                        |
| SE341072 | 'BARNLEY MBC'                                   | 25/01/2009 | bird                         | Periparus ater     | Coal Tit       |                        |
| SE351049 | 'BARNLEY MBC'                                   | 25/01/2009 | bird                         | Periparus ater     | Coal Tit       |                        |
| SE341055 | 'BARNLEY MBC'                                   | 25/01/2009 | bird                         | Periparus ater     | Coal Tit       |                        |
| SE344053 | 'BARNLEY MBC'                                   | 25/01/2009 | bird                         | Parus ater         | Coal Tit       |                        |
| SE350068 | 'BARNLEY MBC'                                   | 25/01/2009 | bird                         | Parus ater         | Coal Tit       |                        |
| SE351049 | 'BARNLEY MBC'                                   | 25/01/2009 | bird                         | Parus ater         | Coal Tit       |                        |
| SE341055 | 'BARNLEY MBC'                                   | 25/01/2009 | bird                         | Parus ater         | Coal Tit       |                        |
| SE337071 | 'BARNLEY MBC'                                   | 25/01/2009 | bird                         | Periparus ater     | Coal Tit       |                        |
| SE338073 | 'BARNLEY MBC'                                   | 25/01/2009 | bird                         | Periparus ater     | Coal Tit       |                        |
| SE341074 | 'BARNLEY MBC'                                   | 25/01/2009 | bird                         | Parus ater         | Coal Tit       |                        |
| SE338073 | 'BARNLEY MBC'                                   | 25/01/2009 | bird                         | Parus ater         | Coal Tit       |                        |
| SE353059 | 'BARNLEY MBC'                                   | 25/01/2009 | bird                         | Parus ater         | Coal Tit       |                        |
| SE355074 | 'BARNLEY MBC'                                   | 25/01/2009 | bird                         | Parus ater         | Coal Tit       |                        |
| SE347074 | 'BARNLEY MBC'                                   | 25/01/2009 | bird                         | Parus ater         | Coal Tit       |                        |
| SE344075 | 'BARNLEY MBC'                                   | 25/01/2009 | bird                         | Parus ater         | Coal Tit       |                        |
| SE336063 | 'BARNLEY MBC'                                   | 25/01/2009 | bird                         | Parus ater         | Coal Tit       |                        |
| SE333063 | 'BARNLEY MBC'                                   | 25/01/2009 | bird                         | Parus ater         | Coal Tit       |                        |
| SE333063 | 'BARNLEY MBC'                                   | 25/01/2009 | bird                         | Parus ater         | Coal Tit       |                        |
| SE337069 | 'BARNLEY MBC'                                   | 25/01/2009 | bird                         | Parus ater         | Coal Tit       |                        |
| SE337071 | 'BARNLEY MBC'                                   | 25/01/2009 | bird                         | Parus ater         | Coal Tit       |                        |
| SE341072 | 'BARNLEY MBC'                                   | 25/01/2009 | bird                         | Parus ater         | Coal Tit       |                        |
| SE30     | Bagger Wood Farm,<br>Stainborough               | 23/04/2011 | bird                         | Parus ater         | Coal Tit       | 1 Count                |
| SE343070 | 'BARNLEY MBC'                                   | 25/01/2009 | bird                         | Parus ater         | Coal Tit       |                        |
| SE360067 | Dearne Valley Park                              | 13/06/2005 | insect - beetle (Coleoptera) | Coccidula rufa     | Coccidula rufa |                        |
| SE359066 | Cliff Wood LWS                                  | 01/01/2010 | flowering plant              | Dactylis glomerata | Cock's-Foot    | broadleaved plantation |
| SE3407   | Old Mill Lane Culvert Bat Roost                 | 01/09/2010 | flowering plant              | Dactylis glomerata | Cock's-Foot    |                        |
| SE350076 | 'BARNLEY MBC'                                   | 01/10/2006 | flowering plant              | Dactylis glomerata | Cock's-Foot    |                        |
| SE358069 | Cliff Wood LWS                                  | 01/08/2003 | flowering plant              | Dactylis glomerata | Cock's-Foot    |                        |
| SE356070 | Cliff Wood LWS                                  | 01/08/2003 | flowering plant              | Dactylis glomerata | Cock's-Foot    |                        |
| SE342074 | 'BARNLEY MBC'                                   | 04/06/2014 | flowering plant              | Dactylis glomerata | Cock's-Foot    |                        |

|          |                                              |            |                 |                       |               |               |
|----------|----------------------------------------------|------------|-----------------|-----------------------|---------------|---------------|
| SE342064 | Barnsley centre                              | 21/03/2012 | flowering plant | Dactylis glomerata    | Cock's-foot   |               |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 27/07/1989 | bird            | Streptopelia decaocto | Collared Dove |               |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 27/01/1994 | bird            | Streptopelia decaocto | Collared Dove |               |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 17/09/1990 | bird            | Streptopelia decaocto | Collared Dove |               |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 02/10/1990 | bird            | Streptopelia decaocto | Collared Dove |               |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 09/12/1990 | bird            | Streptopelia decaocto | Collared Dove |               |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 01/06/1991 | bird            | Streptopelia decaocto | Collared Dove | usual numbres |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 01/07/1996 | bird            | Streptopelia decaocto | Collared Dove | many dates    |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 01/01/1992 | bird            | Streptopelia decaocto | Collared Dove | usual numbers |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 01/12/1996 | bird            | Streptopelia decaocto | Collared Dove | several dates |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 01/02/1997 | bird            | Streptopelia decaocto | Collared Dove | several dates |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 01/03/1997 | bird            | Streptopelia decaocto | Collared Dove | usual numbers |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 01/01/1989 | bird            | Streptopelia decaocto | Collared Dove |               |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 01/02/1989 | bird            | Streptopelia decaocto | Collared Dove |               |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 22/09/1989 | bird            | Streptopelia decaocto | Collared Dove |               |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 01/10/1994 | bird            | Streptopelia decaocto | Collared Dove | on many dates |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 01/11/1994 | bird            | Streptopelia decaocto | Collared Dove | several dates |

|          |                                              |            |                    |                               |                               |                         |
|----------|----------------------------------------------|------------|--------------------|-------------------------------|-------------------------------|-------------------------|
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 01/01/1995 | bird               | Streptopelia decaocto         | Collared Dove                 | several dates           |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 01/03/1995 | bird               | Streptopelia decaocto         | Collared Dove                 | daily occurrence        |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 26/08/1991 | bird               | Streptopelia decaocto         | Collared Dove                 |                         |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 01/10/1995 | bird               | Streptopelia decaocto         | Collared Dove                 | many dates              |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 01/11/1995 | bird               | Streptopelia decaocto         | Collared Dove                 | many dates              |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 01/01/1996 | bird               | Streptopelia decaocto         | Collared Dove                 | on many dates           |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 01/02/1996 | bird               | Streptopelia decaocto         | Collared Dove                 | many dates              |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 01/05/1996 | bird               | Streptopelia decaocto         | Collared Dove                 | on many dates           |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 01/06/1996 | bird               | Streptopelia decaocto         | Collared Dove                 | on many dates           |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 16/05/1992 | bird               | Streptopelia decaocto         | Collared Dove                 |                         |
| SE30     | River Dove Valley Worsbrough (Worsbrough CP) | 01/02/1993 | bird               | Streptopelia decaocto         | Collared Dove                 | many dates              |
| SE30     | Wigfield farm, Kendal Green, Dove Valley     | 08/11/1993 | bird               | Streptopelia decaocto         | Collared Dove                 |                         |
| SE30     | Ward Green                                   | 17/12/1993 | bird               | Streptopelia decaocto         | Collared Dove                 |                         |
| SE30     | Worsbrough Country Park                      | 10/08/1962 | lichen             | Collema tenax var. ceranoides | Collema tenax var. ceranoides |                         |
| SE356070 | Cliff Wood LWS                               | 01/08/2003 | flowering plant    | Tussilago farfara             | Colt's-Foot                   |                         |
| SE358067 | Dearne Valley Park                           | 24/07/2013 | insect - butterfly | Polygonia c-album             | Comma                         |                         |
| SE3407   | Barnsley Canal at Wilthorpe LWS              | 11/09/2009 | insect - butterfly | Polygonia c-album             | Comma                         | 1 insect                |
| SE3506   | Wadworth Wood                                | 04/08/2003 | insect - butterfly | Polygonia c-album             | Comma                         | 11 seen                 |
| SE359066 | Cliff Wood LWS                               | 01/01/2010 | flowering plant    | Agrostis capillaris           | Common Bent                   | broadleaved plantation  |
| SE360067 | Dearne Valley Park                           | 24/07/2013 | flowering plant    | Agrostis capillaris           | Common Bent                   |                         |
| SE356070 | Cliff Wood LWS                               | 01/08/2003 | flowering plant    | Lotus corniculatus            | Common Bird's-Foot-Trefoil    |                         |
| SE343048 | 'BARNSELY MBC'                               | 16/06/2013 | flowering plant    | Lotus corniculatus            | Common Bird's-Foot-Trefoil    |                         |
| SE30     | Worsbrough Reservoir LWS                     | 01/01/1984 | flowering plant    | Persicaria bistorta           | Common Bistort                | Record credited to B.P. |
| SE3306   | Barnsley suburbs outside SE 3406             | 02/01/2005 | bird               | Turdus merula                 | Common Blackbird              |                         |

|          |                    |            |                       |                    |                   |  |
|----------|--------------------|------------|-----------------------|--------------------|-------------------|--|
| SE337071 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE336072 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE344062 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE344075 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE344077 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE337054 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE344053 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE353059 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE344054 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE345076 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE346055 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE336063 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE350068 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE343056 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE343060 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE343068 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE343070 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE347074 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE352055 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE341060 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE352061 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE348070 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE355074 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE355074 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE338074 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE351049 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE351051 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE340065 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE352054 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE341055 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE333063 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE337069 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE341067 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE341072 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE341074 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE343054 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE332062 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE332062 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE332062 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE337058 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE337065 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE333063 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE337072 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE337074 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE335053 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE338071 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE338073 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE337056 | 'BARNSELEY MBC'    | 25/01/2009 | bird                  | Turdus merula      | Common Blackbird  |  |
| SE356070 | Cliff Wood LWS     | 01/08/2003 | insect - butterfly    | Polyommatus icarus | Common Blue       |  |
| SE360067 | Dearne Valley Park | 24/07/2013 | insect - hymenopteran | Bombus pascuorum   | Common Carder Bee |  |