

## ECOLOGICAL REVIEW

# PROPOSED NEW CARRINGTON ALLOCATION, PLACES FOR EVERYONE PLAN

**Provided for:**

Trafford MBC

Date: March 2024

**Provided by:**

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## 1 INTRODUCTION

The Greater Manchester Ecology Unit (GMEU) was commissioned by Trafford MBC to compile existing ecology information for the proposed New Carrington allocation within the Places for Everyone Strategic Plan.

Places for Everyone is a long-term plan of nine Greater Manchester districts (Bolton, Bury, Manchester, Oldham, Rochdale, Salford, Tameside, Trafford and Wigan) for jobs, new homes, and sustainable growth.

### AIMS

The aims of this report are to

- bring together all the existing ecological information concerning the New Carrington allocation into one over-arching report, and
- to assess potential ecological constraints to development within the New Carrington allocation.
- to provide details of the involvement of GMEU in the ecological assessment of the allocation, and parts of the allocation, during the preparation of the Places for Everyone Strategic Plan.

### 1.1 SITE LOCATION & PROPOSAL

The New Carrington allocation is located in west Trafford, south of the River Mersey. The Manchester Ship Canal forms much of the western boundary, as well as the existing Partington settlement boundary. To the east is the existing Sale West community and to the south Warburton, Dunham and the wider National Trust Dunham Massey estate. The allocation includes the very extensive former Shell Carrington industrial estate, as well as an area of previously undeveloped land referred to as 'Carrington Moss'. The allocation is very large (approx. 1,149 ha). Current dominant land uses are previously developed land/existing buildings/hardstanding (approx. 27%) or arable land (22%). The most widespread semi-natural habitat is broadleaved woodland (plantation and self-set), approx.. 4% of current land use. Approximately 4% of the land is currently designated as Local Wildlife Sites. There are no nationally designated nature conservation sites or nationally designated landscape areas within the allocation, although Brookheys Covert Site of Special Scientific Interest lies within 500m of the site to the south.

The key Places for Everyone policies relating to New Carrington are JP-Strat 11 and JPA30. JP-Strat 11 identifies New Carrington for significant mixed use development and highlights the importance of the site to the overall PfE Spatial Strategy. Policy JPA30 allocates the site for around 5,000 dwellings and 350,000 sqm of employment floorspace, this will be delivered alongside supporting infrastructure, including a new local centre, transport links and green infrastructure improvements.

Figure 1 shows the area under consideration, with Figure 2 showing an aerial view (2021).

### PERSONNEL

This report was compiled by Senior Ecologist Suzanne Waymont MCIEEM and Principal Ecologist Derek Richardson from a wide range of existing information sources. Both of these Ecologists are familiar with the Ecology of Greater Manchester and of Trafford, with more than 45 years of experience between them.

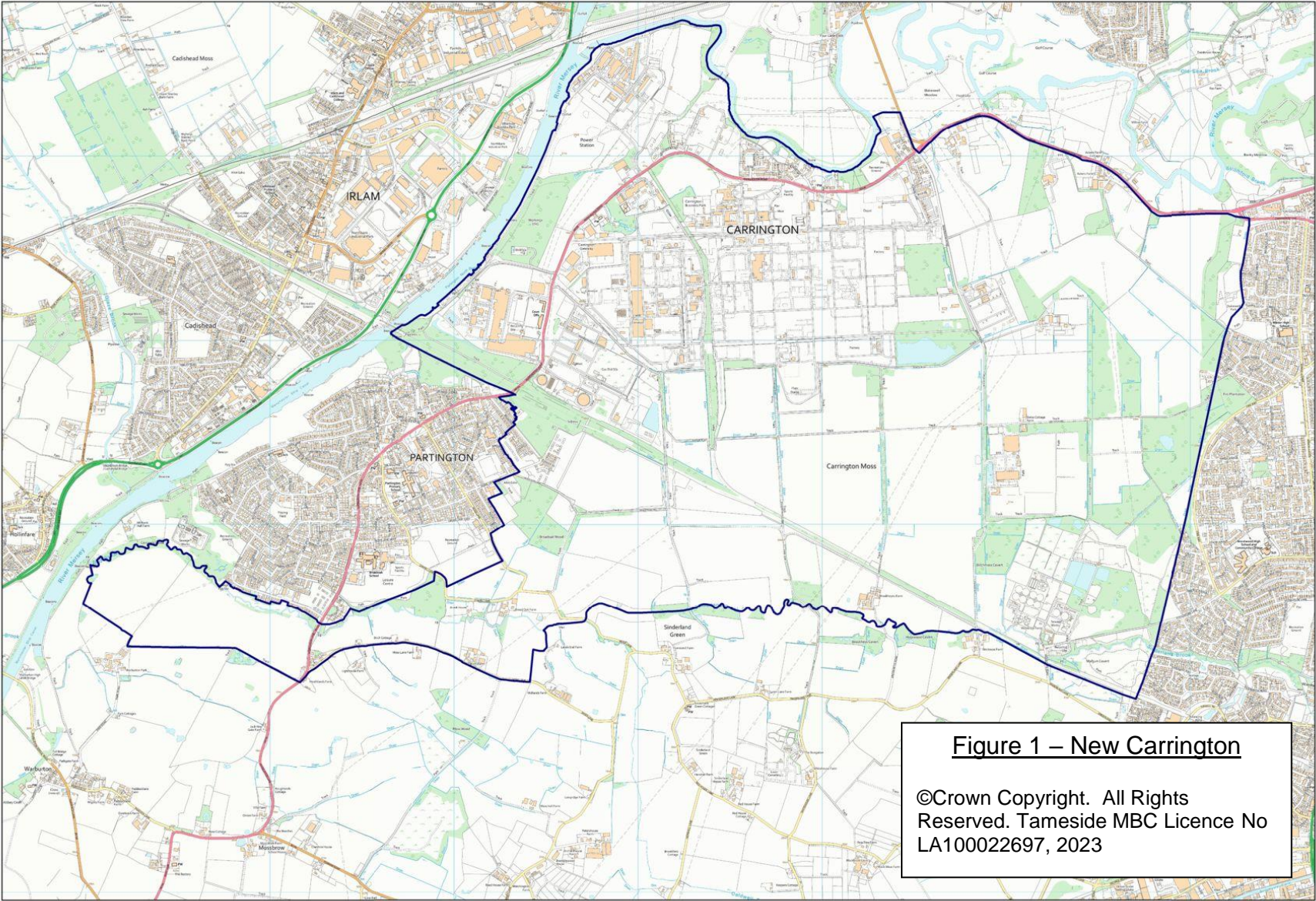




Figure 2 – New Carrington  
Aerial View

## 2 LEGISLATION AND POLICY

The following UK legislation relating to ecology, nature conservation and the natural environment may be relevant to the proposed site allocation:

- Conservation of Habitats and Species (Amendment) (EU Exit) Regulations 2019

*These Regulations designate sites considered to have an international importance for nature conservation. If a development is considered to have the potential to have a significant effect on one or more of these international sites then the development must be subject to a formal Assessment under the terms of the Regulations. Such an Assessment is known as a Habitats Regulations Assessment (HRA).*

- The Wildlife and Countryside Act 1981 (as amended)

*This act has a number of schedules that lists protected species. Harm to these species carried special legal penalties. These protected species can also be material considerations in the planning process.*

- Protection of Badgers Act 1992

Badgers are not rare or endangered, but they are subject to deliberate persecution. The Act provides special protection to Badgers from harm, including deliberate persecution.

- The Natural Environment and Rural Communities (NERC) Act (2006)

*Section 40 placed a duty on Local authorities to have regard to the Conservation of biodiversity in exercising their functions. The duty was strengthened under the terms of the Environment Act 2021 which emphasises that the duty should include the enhancement of habitats.*

- Environment Act 2021

*Notably for nature conservation, this Act places a statutory duty on all new developments to achieve at least a 10% gain in biodiversity, as measured using a recognised metric.*

- The National Planning Policy Framework (NPPF) 2023 acts as guidance for local planning authorities and decision-takers, both in drawing up plans and making decisions about planning applications.
- Places for Everyone is an emerging strategic Plan for Greater Manchester, involving 9 of the 10 local authorities of Greater Manchester, including Trafford. The Plan includes policies for nature conservation, including a Policy requirement for all developments proposed in the Plan to achieve at least a 10%

## 3 METHODOLOGY

### 3.1 Information Sources

- The Multi-Agency Geographic Information for the Countryside (MAGIC) collaborative database website (<http://magic.defra.gov.uk/MagicMap.aspx>) was searched for information on key environmental schemes and statutory designations in November 2023. The Priority Habitat Inventory (England) (Natural England 2023) was also used to assess habitats on the site.
- Up-to-date Ordnance Survey mapping information
- Up-to-date aerial photography (2021-2022)
- Google Earth mapping
- LIDAR data
- Land cover data from the Centre for Ecology and Hydrology (CEH)
- Ancient Woodland Inventory
- An ecological data search was undertaken using data held by the Greater Manchester Ecology Greater Local Record Centre. Information on all protected and priority species and all sites designated for their nature conservation value within 0.5km of the site allocation were included in the data search.
- Information held by the Greater Manchester Ecology Unit (GMEU) from surveys undertaken on any Sites of Biological Importance (SBIs) within the search area, as part of the standard SBI review process, was considered.
- Information obtained from site visits and assessments of areas within the allocation undertaken by Ecologists from the Greater Manchester Ecology Unit in connection with pre-planning application discussions, planning applications, reviews of Local Wildlife Sites and facilitating structured species surveying.
- Tyler Grange, 2021. Preliminary Ecological Appraisal of the Carrington Estate (summary, unpublished report, substantive part of the allocation)
- In 2017 - 2022 GMEU organised and facilitated structured species surveillance of parts of the New Carrington allocation as part of the Carbon Landscape Heritage Lottery funded Project. Information collected as part of this Project was also considered as part of the review.
- Ecological information within the public domain from major planning applications within the last ten years
- Summaries of wider site surveys undertaken within the allocation by others (for various reasons) are also included, although the full reports on which these summaries are based are not in the public domain.

### 3.2 Limitations

Records and information held by GMEU are not comprehensive and a negative result does not indicate the absence of protected species from the area of search. The absence of biological records for an area in no way implies that taxa are not present.

GMEU has not itself carried out large-scale, detailed field-based ecological assessments of the entire allocation. Such a level of survey is regarded as beyond the scope of the assessment, generally carried out at the masterplanning or planning application stage of the land-use planning system. Nevertheless, it is considered that there is sufficient ecological information available concerning the proposed allocation to provide a meaningful assessment of the overall nature conservation value of the site.

GMEU first undertook site-wide walkover visits to the allocation in 2016, to inform early versions of the Habitats Regulations Assessment of the Places for Everyone Plan and to advise ecological consultants working on behalf of the site owners/promoters about the scope of ecological surveys to be undertaken to inform a possible allocation.

It is recognised that all habitats and structures which could be impacted by future development proposals within the allocation will need to be informed by comprehensive and up-to-date habitat surveys and surveys for protected and priority species. Habitats are subject to (sometimes rapid) change, and many species are mobile in their habits.

## 4 BASE LINE ECOLOGICAL CONDITIONS

### 4.1 Brief History of Land Use

Before the early 19<sup>th</sup> Century the area known as Carrington Moss was considered a 'wasteland', supporting wetland habitats on peat substrates (raised bog, fens and wet woodland). From the mid 19<sup>th</sup> century onwards land within New Carrington underlain by peat substrates and which were once considered too wet to farm economically were largely drained and converted to agriculture. The deposition of increasing amounts of night soil from Manchester, and mixing of peat with the underlying base rich marl soils, also helped agricultural improvement. Other parts of the Moss were cut over for peat which was used as dried stable litter or for horticulture.

The amount of night soil deposited each year gradually fell due to the increasing use of the water closet in the early 20<sup>th</sup> century, but was supplemented by other refuse from ash bins, sulphate of potash, sulphate of ammonia and super phosphates, as well as from flooding from the Altrincham Sewage Works. As early as 1914 the naturalist T.A. Coward reported of Carrington Moss that "*corn and root crops have taken the place of ling and cranberry. The moss is a moss no longer*". During the 1930's Carrington Wharf on the Manchester Ship Canal was mostly abandoned, five miles of railway was lifted and all wagons scrapped, effectively ending the main avenues of delivery for refuse to the mosslands.

After the second world war large areas in the north of the allocation were developed for industrial use as 'Shell Carrington'. Industrial uses substantively declined in the 1980's, leaving large parts of the previously developed industrial land vacant. These areas are largely lacking in semi-natural vegetation. The land to the south remained as agricultural land, but is still referred to as 'Carrington Moss'.

Most of the greenfield areas of the remaining Carrington Moss are now dominated by arable farmland, but some mossland remnants remain as wet woodland. There are also remnants of potential mossland lagg woodland within the allocation - in the north there is the Shell Pool Reserve and in the south, Birch Moss Covert. Both lie on the edges of the peat mass, and both are included within Local Wildlife Sites (Sites of Biological Importance, (SBIs)). Other habitats present include plantation broadleaved woodland, improved grassland, scrub, ponds, ruderal vegetation, running water, hedgerows, sports pitches (football training grounds) and semi-improved grassland. Woodlands in the east of the allocation are largely of relatively recent origin (last 20 years), a mix of planted and self-set trees.

## 5 Review of Available Ecological Information

### 5.2 Designated Sites and Areas

#### 5.2.1 International and National Designated Sites

There are no internationally designated sites within the proposed site allocation.

Rixton Clay Pits Special Area of Conservation (SAC) lies within 2km and the Manchester Mosses SAC within 3km of the allocation boundaries.

There are no nationally designated sites within the proposed site allocation.

Brookheys Covert Site of Special Scientific Interest (SSSI) lies approximately 300m south of the allocation.

The allocation at New Carrington lies within the 'SSSI Impact Risk Zone' for a number of sites. The Impact Risk Zones (IRZs) are a GIS tool developed by Natural England to make a rapid initial assessment of the potential risks posed by development proposals to Sites of Special Scientific Interest (SSSIs), Special Areas of Conservation (SACs), Special Protection Areas (SPAs) and Ramsar sites. They define zones around each site that reflect the particular sensitivities of the features for which it is notified and indicate the types of development proposal that could potentially have adverse impacts.

Brief details of these relevant designated sites are detailed below. The most relevant site Citations can be found in Appendix 1

#### **Brookheys Covert SSSI**

The majority of the site comprises well-established pedunculate oak-hazel-ash woodland with a large number of small pools. According to the SSSI citation "Woodland of this type is uncommon in G.M.C. and the site contains a wide range of woodland and wetland habitats which make it the most diverse example in the county".

There are no direct connections between the allocation and Brookheys Covert SSSI, although indirect connections are possible (e.g. recreational disturbance, hydrological connections).

#### **Manchester Mosses SAC**

This site includes three separate SSSI Holcroft Moss, Risley Moss and Astley & Bedford Mosses. These sites are considered "*degraded raised bogs still capable of natural regeneration for which this is considered to be one of the best*" areas in the United Kingdom.

There are no direct connections between the Manchester Mosses SAC and the allocation.

#### **Holcroft Moss SSSI**

According to the SSSI citation,

*"Holcroft Moss, situated 9 km north-east of Warrington on the south side of the M62 motorway, lies in the Triassic Plain of Greater Manchester and Cheshire. The moss occupies several small depressions in the Upper Terrace of the Mersey Valley and is an isolated remnant of the once extensive area of mossland formerly associated with this valley. Although historical information*

*suggests that the majority of Holcroft Moss was cut for peat this portion is believed never to have been cut, and is the only known unexploited area of raised bog remaining in Cheshire”*

There are no direct connections between the allocation and Holcroft Moss SSSI.

### **Risley Moss SSSI**

According to the SSSI citation Risley Moss is an isolated remnant of the once extensive area of mossland [Chat Moss].

Risley Moss was once cut over for peat but is now being restored.

There are no direct connections between the allocation and Risley Moss SSSI.

### **Astley and Bedford Mosses SSSI**

According to the SSSI citation

*“Astley and Bedford Mosses are situated 14 km west of the centre of Manchester and 4 km south-east of Leigh... It represents one of the largest remaining fragments of Chat Moss.... The major habitats present are modified mire communities, heathland, woodland and acidic grassland, all developed over the cut peat surface and subject to variations of wetness according to the residual topography or drainage patterns”.*

There are no direct connections between the allocation and Astley and Bedford Mosses SSSI

### **Rixton Clay Pits SAC**

The primary reason for selection of this site is the presence of great crested newts *Triturus cristatus*.

There are no direct connections between the allocation and Rixton Clay Pits SAC

### **Rixton Clay Pits SSSI**

The site comprises parts of an extensive disused brickworks quarry excavated in glacial boulder clay deposits east of Warrington. It is of importance for its calcareous grassland communities and because the site supports the county's largest known breeding population of great crested newts *Triturus cristatus*.

There are no direct connections between the allocation and Rixton Clay Pits SSSI.

### **Rostherne Mere Ramsar**

Rostherne Mere is one of the deepest and largest of the meres of the Shropshire-Cheshire Plain. Its shoreline is fringed with common reed *Phragmites australis*. Noteworthy fauna is listed as being of national importance:

- Great cormorant, *Phalacrocorax carbo carbo*
- Great bittern, *Botaurus stellaris stellaris*
- Water rail, *Rallus aquaticus*

There are no direct connections between the allocation and Rostherne Mere Ramsar.

### **Rostherne Mere SSSI and National Nature Reserve**

Rostherne Mere is the deepest and one of the largest meres in the north-west Midlands. According to the citation, “*It lies in a deep hollow in glacial drift to the south-west of Altrincham. It is a natural lake of high fertility which over the years has been increased by the accumulation of nutrients received from the inflow streams and surrounding farmland. The droppings of roosting birds also add to the nutrient inputs.*”

There are no direct connections between the allocation and Rostherne Mere SSSI/NNR.

### **The Mere, Mere SSSI**

The site consists of two lakes, The Mere and Little Mere, separated by a spillway. According to the citation they are “*moderately nutrient-rich and have been selected because of their very diverse aquatic flora. Twelve species of submerged macrophytes are present, the highest number recorded for any of the Shropshire and Cheshire meres*”

There are no direct connections between the allocation and The Mere SSSI.

### **Woolston Eyes SSSI**

Woolston Eyes SSSI is a nationally important site for its breeding bird assemblage of lowland open waters and their margins (including nationally important numbers of black-necked grebe *Podiceps nigricollis*, gadwall *Anas strepera* and pochard *Aythya ferina*), and for wintering wildfowl.

There are no direct connections between the allocation and Woolston Eyes SSSI.

## **5.2.2 LOCAL WILDLIFE SITES - Sites of Biological Importance**

There are 16 Sites of Biological Importance Sites (SBIs) within 500m of the allocation, with 8 lying wholly within it, one lying partly within it and a further 3 being directly adjacent. The table below lists these sites and the reasons for selection. Their locations and extent are shown in Fig 3.

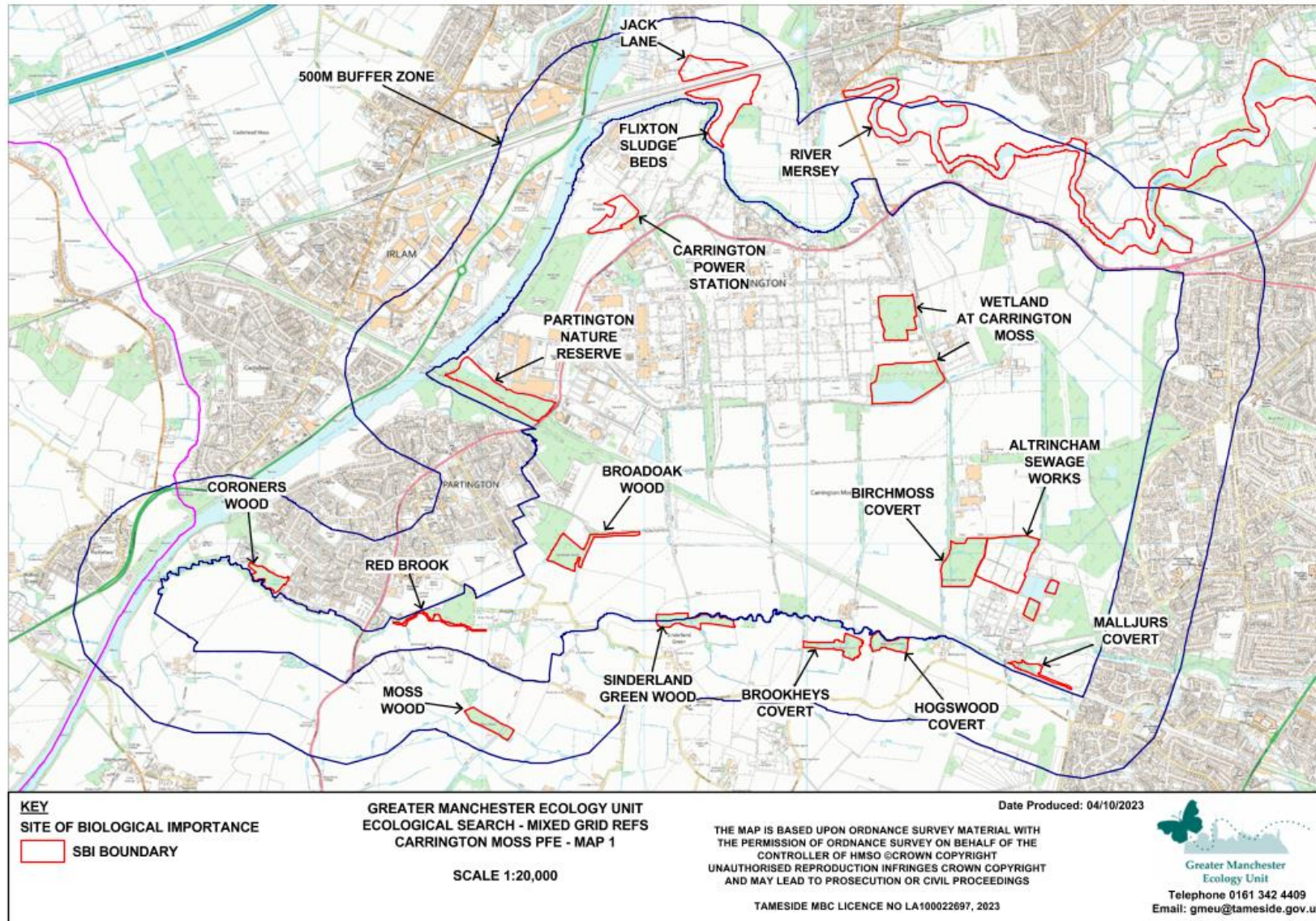


Fig 3 Locations and extent of Local Wildlife Sites (SBIs)

TABLE 1 – SBI SITES

| Site Name                  | Central Grid Reference | Location within Allocation | Reason for Selection  |
|----------------------------|------------------------|----------------------------|---|
| Coroners Wood              | SJ706907               | Adjacent                   | Ancient Woodland (Wd1)  |
| Red Brook                  | SJ717905               | Within                     | Running Water (Fw4)   |
| Moss Wood                  | SJ720899               | 500m buffer                | Woodland (Wd1)  |
| Broadoak Wood              | SJ725909               | Within                     | Woodland (Wd1)  |
| Partington Nature Reserve  | SJ720919               | Within                     | Open Water (Fw2); Habitat Mosaic (HM)                             |
| Carrington Power Station   | SJ728930               | Within                     | Habitat Mosaic (HM1)  |
| Sinderland Green Wood      | SJ733905               | Within                     | Woodland (Wd1); Ponds (Fw2)                                       |
| Jack Lane                  | SJ733939               | 500m buffer                | Reedbed & Swamp (Fw1); Birds (Br4, BR6)                           |
| Flixton Sludge Beds        | SJ735937               | 500m buffer                | Swamp (Fw1); Birds  |
| Brookheys Covert           | SJ742903               | Adjacent                   | Woodland (Wd1); Ponds (Fw2)                                       |
| Hogswood Covert            | SJ745903               | 500m buffer                | Woodland (Wd1); Ponds (Fw2); Aquatic Invertebrates (AI1)          |
| Birchmoss Covert           | SJ749909               | Within                     | Woodland (Wd1)  |
| Wetland at Carrington Moss | SJ746919               | Within                     | Woodland (Wd2), Reedbed, Swamp & Fen (Fw1); Birds (Br2, Br5, Br6) |
| River Mersey               | SJ742937–<br>SJ772936  | 500m buffer                | Running water (Fw4); Birds (Br6)                                  |
| Malljurs Covert            | SJ753902               | Within                     | Woodland (Wd1)  |
| Altrincham Sewage Works    | SJ753909               | Within                     | Swamp (Fw1); Birds  |

The full SBI citations for these sites can be found in Appendix 1.

### 5.2.3 Notable Habitats

#### 5.2.3.1 Ancient Woodland (Ancient Woodland Inventory)

The SBIs at Brookheys Covert, Hogswood Covert and Coroners Wood are classified as Ancient Woodland. Ancient woodland is any wooded area that has been wooded continuously since at least 1600AD and is considered an irreplaceable habitat. The Ancient Woodland Inventory also shows an additional area adjacent to Coroners Wood SBI as Ancient.

#### 5.2.3.2 Priority Habitat Inventory (PHI)

The Priority Habitat Inventory (England) is a spatial dataset that describes the geographic extent and location of Natural Environment and Rural Communities Act (2006) Section 41 habitats of principal importance, as held and administered by Natural England. The Inventory identifies the following priority habitats within or close to the allocation (see Figure 4):

- Deciduous woodland
- Lowland fens
- Coastal and floodplain grazing marsh
- Lowland raised bog

However, the accuracy of these classifications does not necessarily match habitats on the ground, based on up-to-date aerial photography and on ground surveys. The coastal and floodplain grazing marsh is located along the River Mersey in the north of the allocation; only a small proportion of this habitat type is within the allocation.

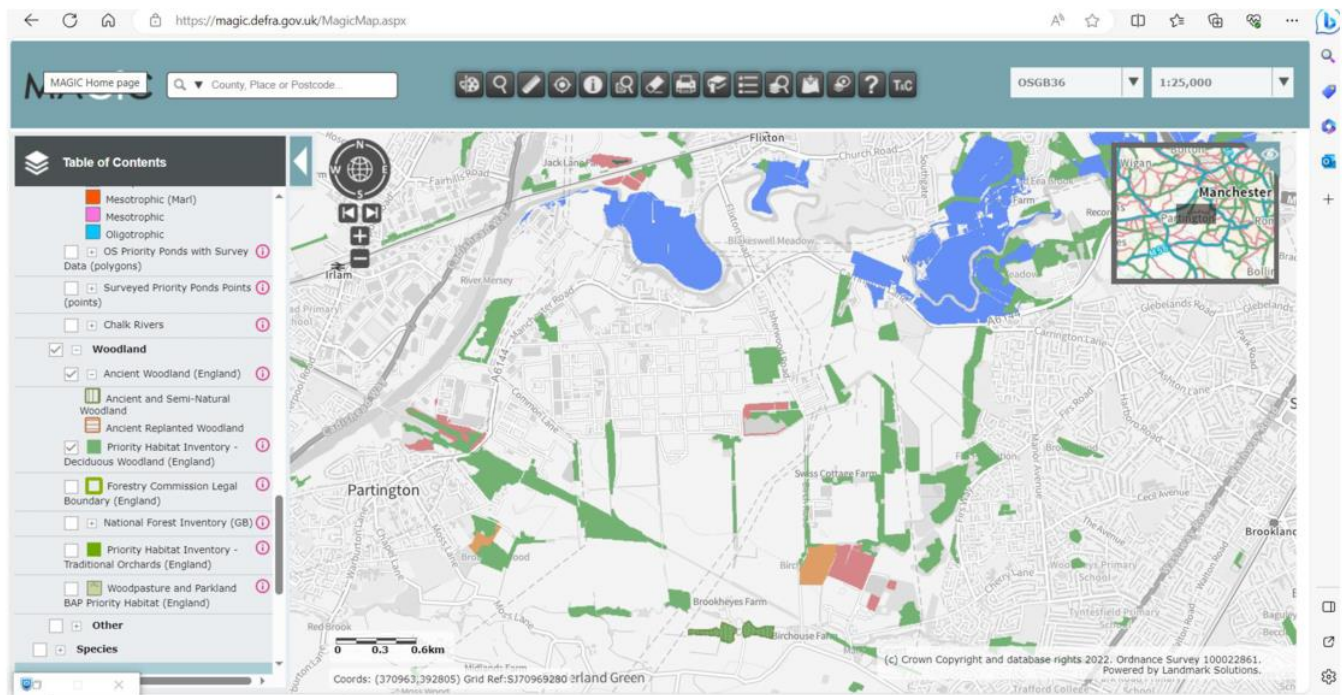


Figure 4 – Extract from <https://magic.defra.gov.uk/>

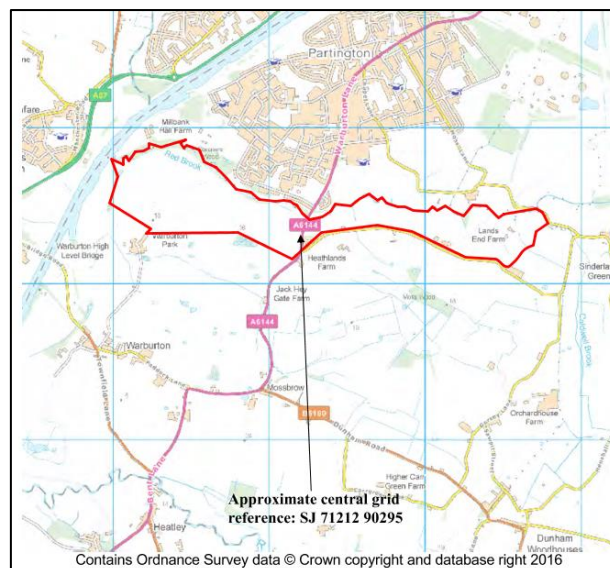
#### 5.2.4 Habitat Surveys to inform planning applications

A number of recent habitat surveys have been undertaken by ecological consultants to inform development proposals on various sites across the allocation. Not all of these survey reports are publicly available but the following most notable surveys in the public domain have been reviewed, with summary habitat information reproduced below.

TABLE 2 NOTABLE HABITAT SURVEYS

| Site Name                           | Planning Application Reference | Reference  | Habitat Map (Y/N) |
|-------------------------------------|--------------------------------|--|-------------------|
| Land at Warburton Lane              | 98031/OUT/19                   | Ecology Overview – TEP 2016  | N                 |
| Carrington Village                  | 99245/OUT/19                   | Carrington Village at Future Carrington. Environmental Statement, Part 2 0 Ecology and Nature Conservation. Technical Paper 5 Rev D 25 <sup>th</sup> October 2019 – Tyler Grange | Y                 |
| Heath Farm Lane                     | 94949/HYB/18                   | Ecological Assessment Report - TEP May 2019  | N                 |
| Voltage Park                        | 97261/FUL/19                   | Ecological Impact Assessment – Waterman Infrastructure & Environment Ltd February 2019   | Y                 |
| Trafford Green Hydrogen Development | 105316/HYB/21                  | Preliminary Ecological Appraisal Report - RSK Biocensus (RSK) July 2021  | Y                 |
| Land West of Manchester Road        | 107456/OUT/22                  | Ecological Assessment - TEP – Warrington January 2022  | Y                 |
| Carrington Junction                 | 109755/OUT/22                  | Environmental Statement Volume 2: Main Text - Emery Planning August 2020   | Y                 |

### Land at Warburton Lane

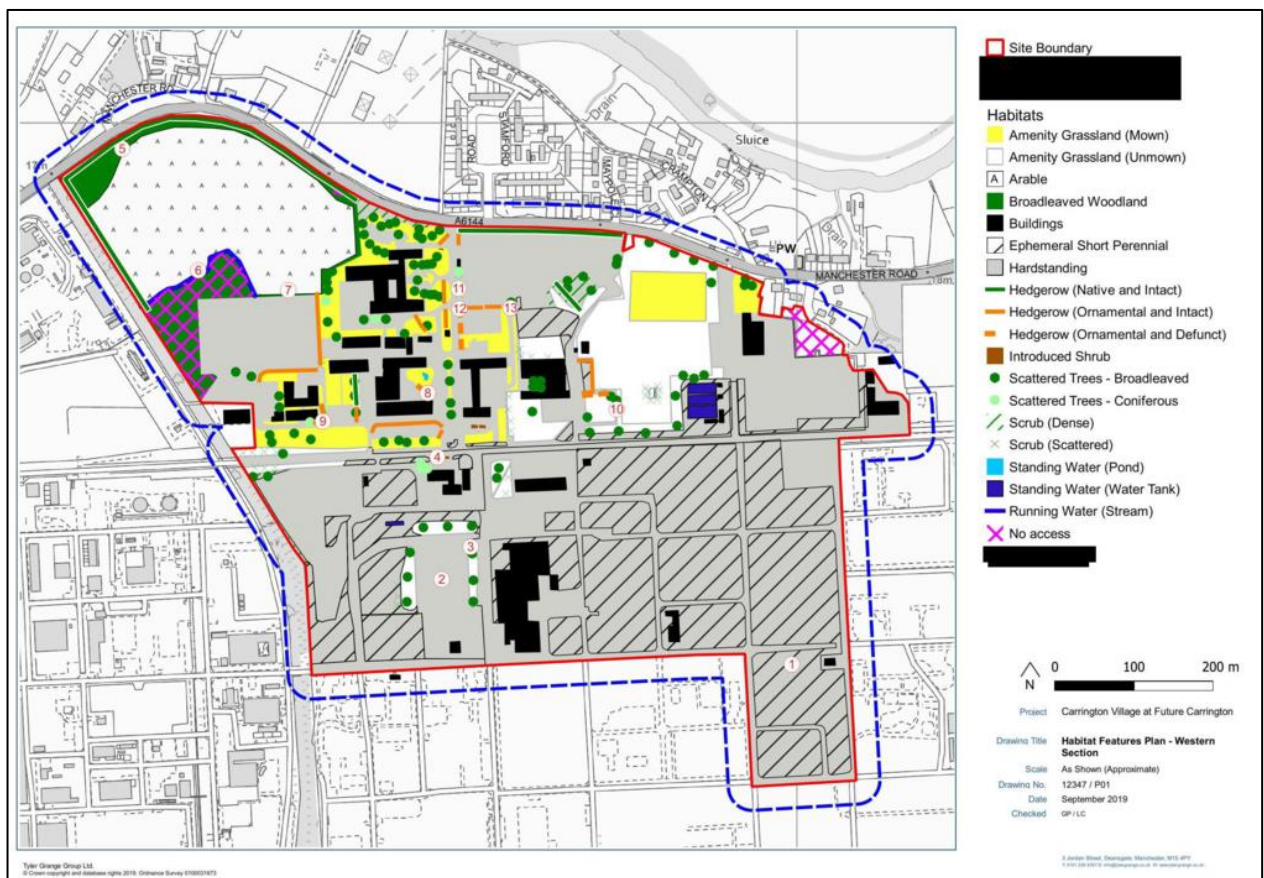


According to the TEP report:

*“The site comprises arable land with species-poor intact hedgerow field boundaries. The occasional scattered mature pedunculate oak *Quercus robur* was noted on land to the west of Warburton Lane. A wooded dry ditch and two small areas of semi-natural broad-leaved woodland also exist on land to the east of Warburton Lane.*

*There is a watercourse, Red Brook, to the immediate north of the site and this runs through a wooded corridor along the land to the west of Warburton Lane. The land to the east of Warburton Lane is partly wooded adjacent to the road but the majority is open.”*

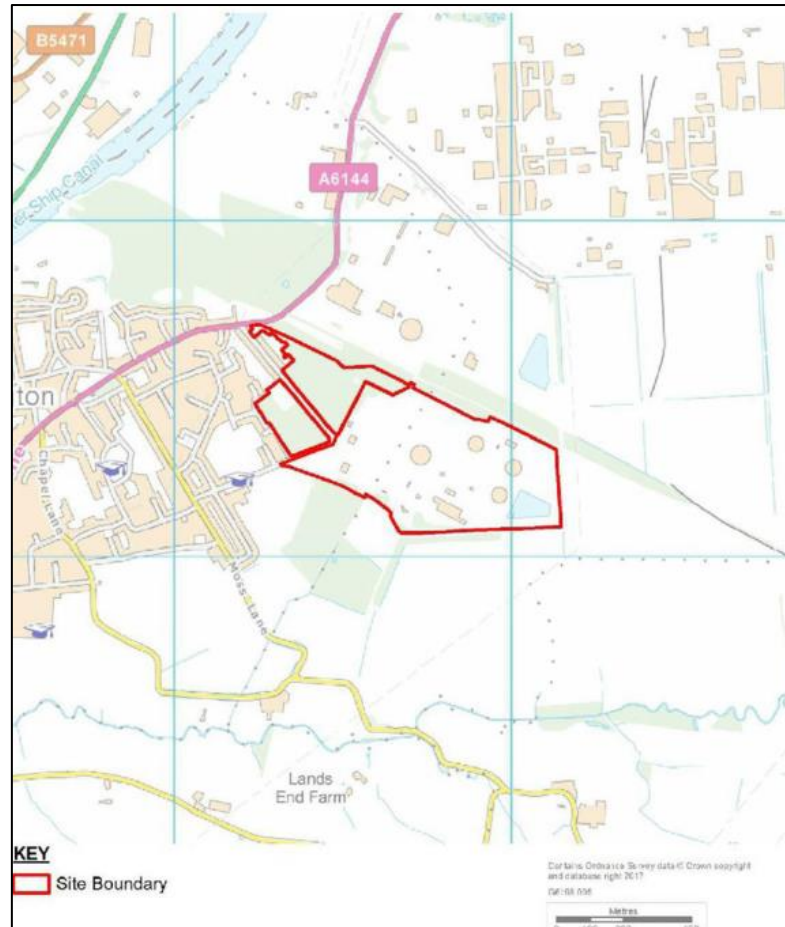
## Carrington Village



According the Tyler Grange report, the following habitats were present on site:

- Amenity Grassland
- Arable
- Broadleaved Woodland
- Buildings
- Ephemeral/shore perennial
- Hard Standing
- Hedgerows
- Scattered Scrub
- Scattered Trees
- Waterbodies

## Heath Farm Lane



The TEP report describes the habitats on the site as:

*“The majority of the site has poor habitat diversity, being predominantly composed of bare ground with some ephemeral vegetation with areas of semi-natural broad-leaved woodland and scrub in the west of the site.”*

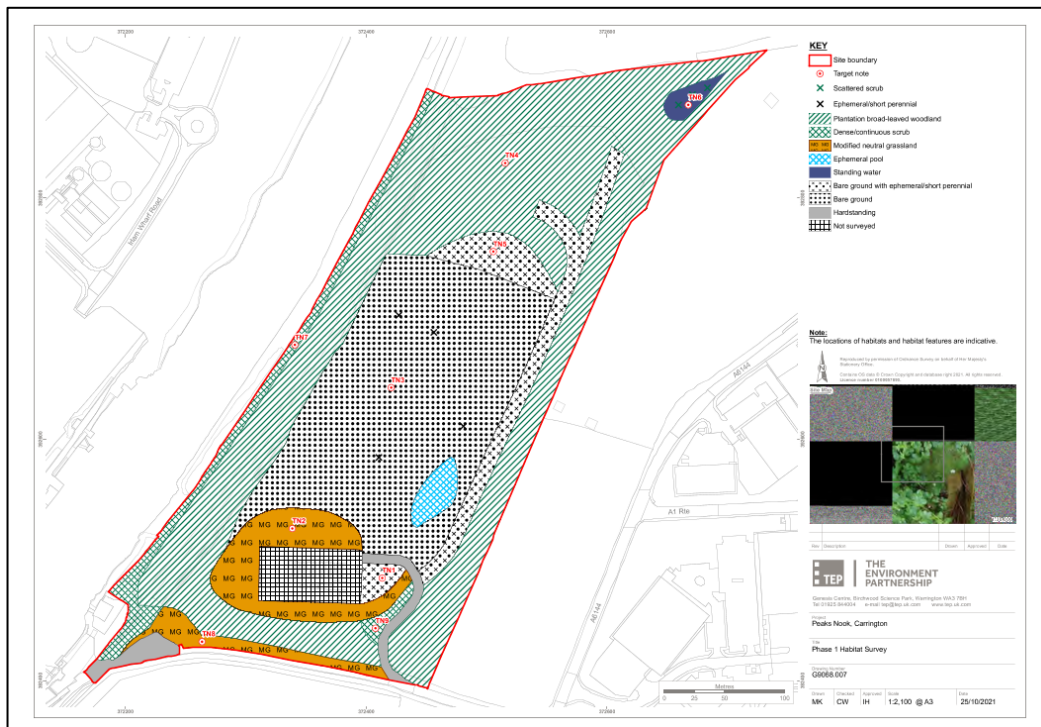
Habitats lists are:

- Semi-natural broad-leaved woodland;
- Scattered broad-leaved trees;
- Dense/continuous scrub and scattered scrub
- Species-poor intact hedgerow;
- Species-poor intact hedgerow with trees;
- Tall ruderal vegetation;
- Continuous bracken;
- Modified neutral grassland;
- Bare ground and bare ground with ephemeral vegetation;
- Hardstanding.





Land West of Manchester Road



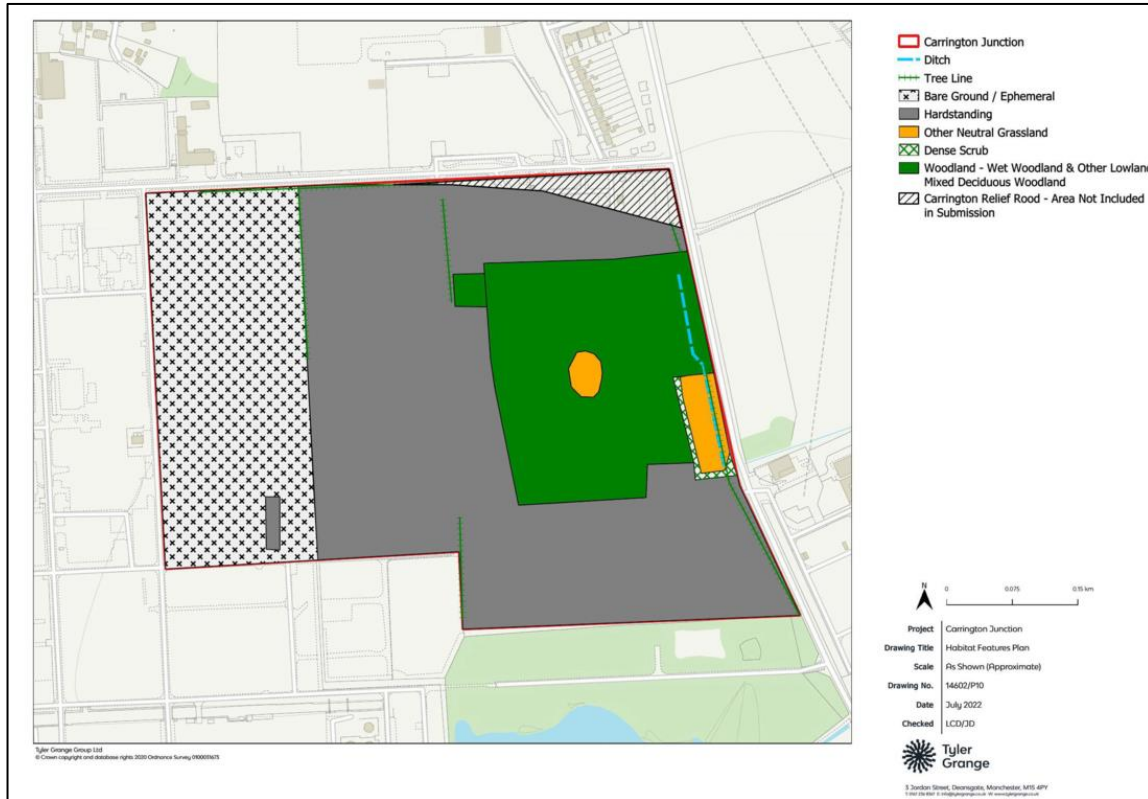
The habitats present within the site are listed below

- Plantation broad-leaved woodland;
- Dense, continuous scrub;
- Modified neutral grassland;
- Bare ground with ephemeral / short perennial;

- Standing water;
- Ephemeral pool;
- Hardstanding.

## Carrington Junction

*Note that this application site includes part of the Wetland at Carrington Moss SBI*



According to the report the Site supports the following habitats (UK Habs):

- Dense scrub
- Ditch
- Hardstanding
- Other lowland mixed deciduous woodland
- Other neutral grassland
- Ruderal/ephemeral
- Wet woodland
- Scattered trees
- Tree line

### 5.2.5 Other Habitat Surveys

Large-scale habitat surveys of the allocation (outside of the large areas of previously developed land associated with Shell Carrington) have been undertaken relatively recently (from 2016), on behalf of site promoters, site owners and Trafford Council.

These surveys are not in the public domain and are therefore not produced in full here, but in the interests of transparency, in summary the habitats recorded within the allocation by these surveys include -

- Arable land
- Improved grassland
- **Semi-natural broadleaved woodland**
- Plantation broadleaved woodland
- Amenity grassland
- Standing open water
- Scrub
- **Fen**
- Ditch
- Hardstanding
- **Other lowland mixed deciduous woodland**
- **Other neutral grassland**
- Ruderal/ephemeral
- **Wet woodland**
- **Hedgerow**
- Scattered trees
- Buildings
- Hard standing
- Ditches/running water

*Habitats in red are potential Priority habitats.*

These recorded habitats generally reflect other information available from desktop or remote sources, including aerial photography, and from visits made to New Carrington by Ecologists from GMEU.

By far the most widespread habitat within the previously undeveloped parts of the allocation is arable land of limited nature conservation value. Other habitats recorded in substantive areas (>5ha) include plantation woodland, amenity grassland and semi-natural broadleaved woodland.

Given the dominant land uses currently occupying the site, and the types of semi-natural habitat present, it is considered unlikely that more detailed habitat surveys will result in the identification of substantive additional areas (>10 ha) of currently unknown notable and/or priority habitats.

In terms of valuing the land within the allocation using the Biodiversity Metric, the majority of the allocation would be regarded as low value habitat i.e. hardstanding, previously developed land and arable land. Exceptions are some of the wetlands, woodlands and hedgerows. These are potentially high-value habitats, but they occupy small areas relative to the very large size of the allocation.

### 5.2.6 PEAT

It is known that large parts of the New Carrington allocation are underlain by peat substrates.

Peat can be regarded as an important habitat even if it does not support any semi-natural vegetation, or if the peat is in a degraded state, if it is considered that the Peat is capable of restoration to support notable habitats.

The issue of whether Peat substrates underlying New Carrington are capable of restoration and should therefore be considered to be notable (and possibly irreplaceable) habitats was discussed at length at the Public Inquiry into the Places for Everyone Plan. These discussions, and any conclusions reached, are not reproduced in full in this report. For further information on this issue please refer to the Places for Everyone Examination website.

Notwithstanding these discussions, because of the underlying peat New Carrington has been previously identified (*ref. Carbon Landscape*) as a priority area for the restoration of wetland habitats (bog, fen, wet woodland and open water). That is, habitat and green infrastructure enhancements within the allocation should prioritise wetland creation projects.

### 5.3 NOTABLE SPECIES AND SPECIES GROUPS

A data search of up-to-date species records held by the Greater Manchester Local Record Centre (GMLRC) was undertaken in September 2023. Publically available third party reports were also reviewed, with notable survey results reproduced in this report.

Note that species records held by GMEU are regularly updated.

#### 5.3.1 Bats

GMLRC holds limited records of bat roosts for the site, with only roosts for common pipistrelle and pipistrelle sp. recorded. Four of these roosts are within the allocation (see Map 4). There are non-roost (bat activity) records for the following species: noctule, brown long-eared, soprano pipistrelle and unidentified bat species.

The very open, simple landscapes which dominate the New Carrington allocation are not optimal habitats for bats, although established and developing woodland does represent good bat feeding habitat.

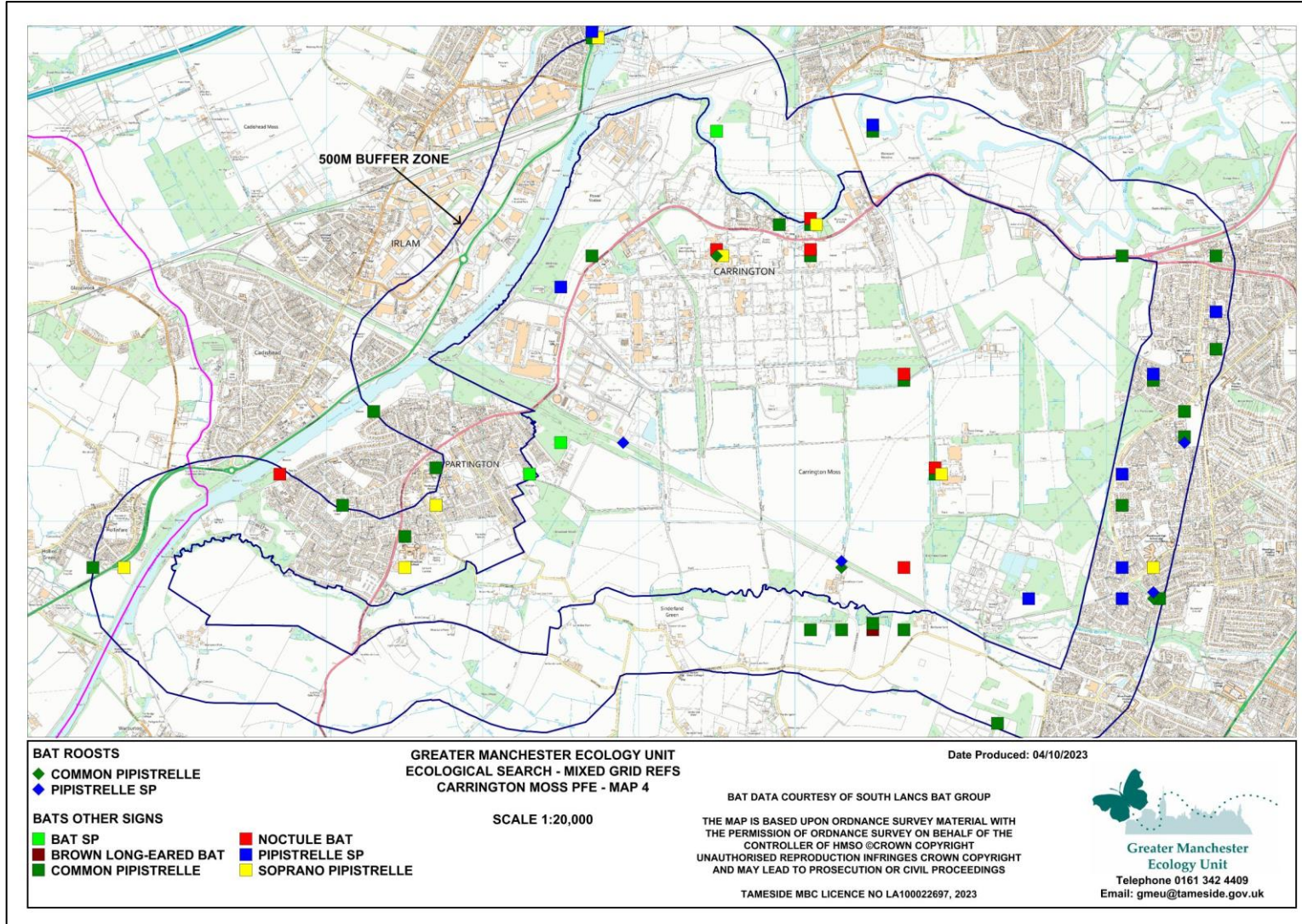
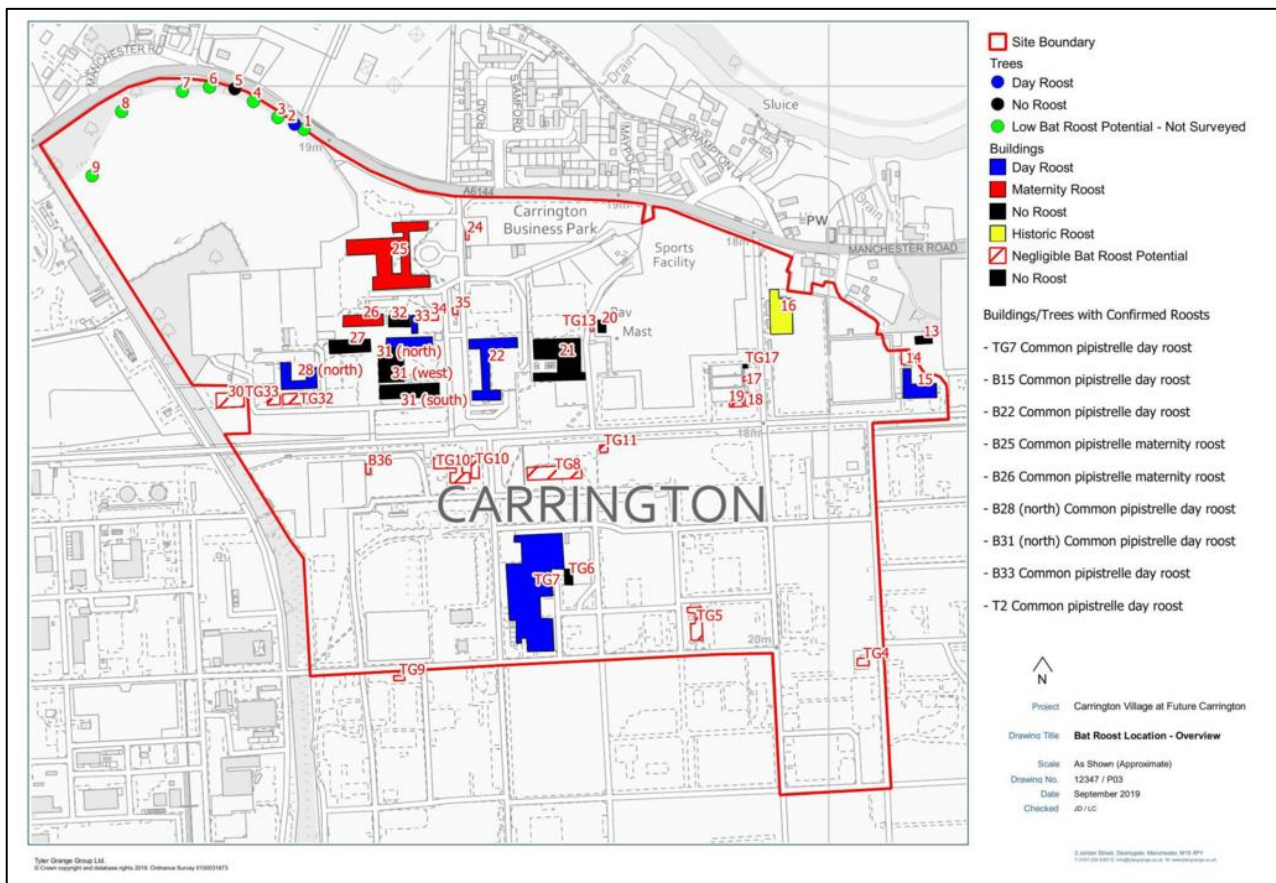


Fig 5 Bat Records

### Bats - Carrington Village

Surveys for this application found six day roosts and two maternity roosts of common pipistrelle in eight separate buildings. One day roost of common pipistrelle was recorded in a tree. All these roosts were assessed as likely the same local small bat population.

Woodland edges, hedges and tree lines are used as foraging and commuting habitats for common pipistrelle, myotis species and noctule.



### Bats - Voltage Park Development

Surveys found day roosts of common pipistrelle in two of the buildings within the site. Please refer to the original report for the exact locations of these roosts as the quality of the scanned documents available is too poor to meaningfully include in this Report.

#### 5.3.2 Otter

GMLRC has records of Otter associated with the Manchester Ship Canal. Otters are highly mobile in their habits but are most closely associated with Rivers and Canals.

#### 5.3.3 Water Vole

GMLRC has isolated records of water voles at several locations across the site (see Map 2), including at Red Brook and Birchmoss Covert as well as the disused railway line that runs through the site and several ditches.

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Third party reports found no evidence of water voles, where surveys have been undertaken.

#### **5.3.4 Great Crested Newts**

GMLRC records of presence and absence of great crested newts are shown on Map 2. Third party reports found no evidence of newts, where surveys were undertaken. Suitable breeding ponds for great crested newts are very scarce within the allocation.

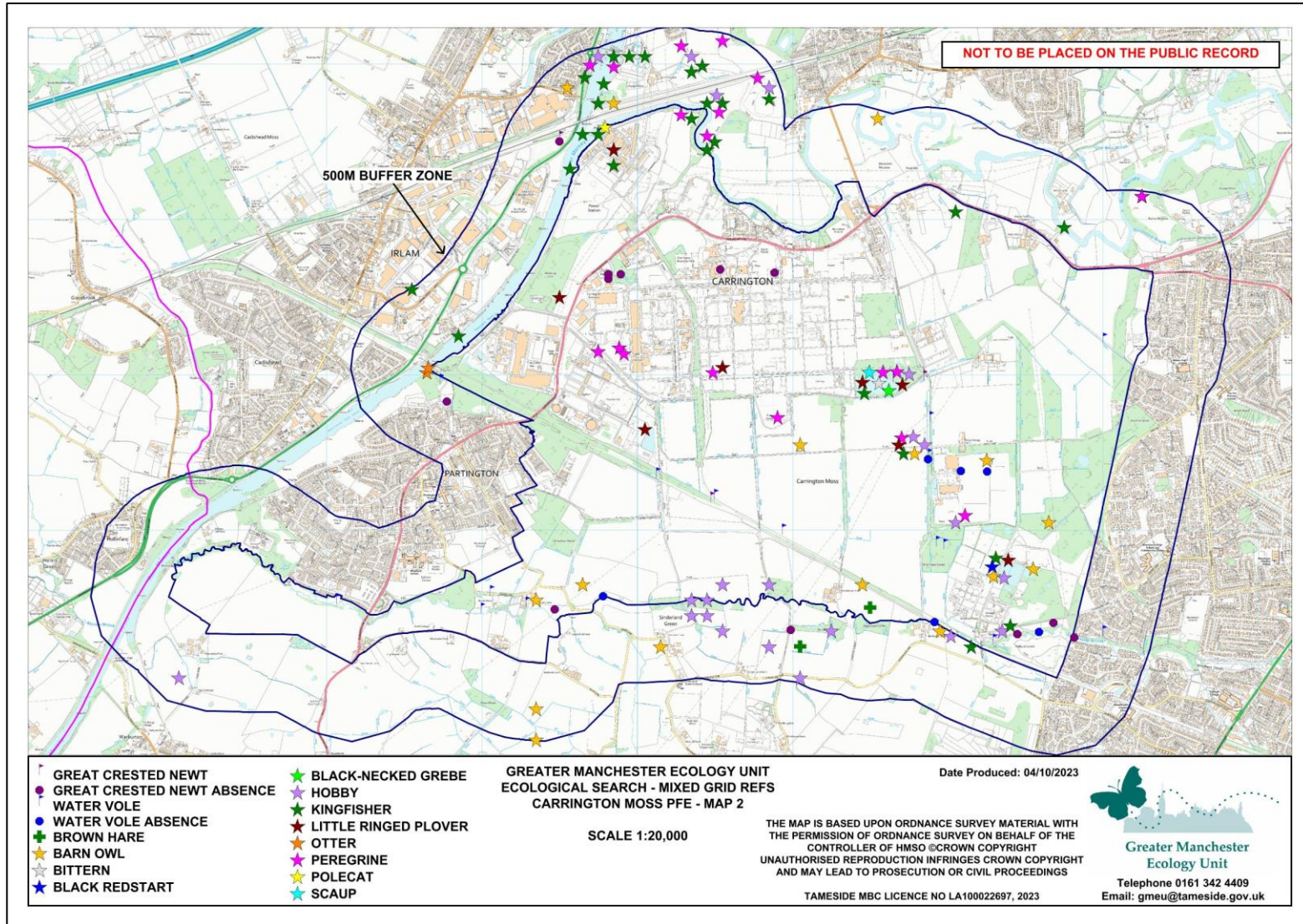


Fig 6 Specially protected species

### 5.3.5 Badger

There are numerous records of badger setts and activity across the site. The locations of badger setts are confidential and are not reproduced in this report.

### 5.3.6 Brown Hare

There are records of brown hare in the south of the site (see Fig 6)

### 5.3.7 Reptiles

There are no records of reptiles from the site or nearby.

### 5.3.8 Schedule One Birds

'Schedule One' Birds are those given special protection through the terms of the Wildlife and Countryside Act 1981 (as amended) above the general protection given to all nesting birds. GMLRC holds records of the following Schedule One Birds recorded on the site –

- scaup,
- little ringed plover,
- black necked grebe,
- bittern,
- kingfisher,
- peregrine and
- barn owl (see Fig 6).

Little Ringed Plover were also found at the Carrington Village site.

### 5.3.9 Species of Principal Importance (Priority Species)

This group of species have been identified as being of Principal Importance for Conservation in England under Section 41 of the Natural Environment and Rural Communities (NERC) Act that came into force on 1st Oct 2006.

In addition to the protected species listed above which are also priority species, records for other S41 species are shown on Fig 7.

### 5.3.10 Other Species

Summary details all species records held for the allocation **are provided in Appendix 2**

### 5.3.11 Invasive species

No systematic surveys for invasive plant species have been carried out within the allocation, but Himalayan balsam has been recorded.

### 5.3.12 Notable species – summary

A wide range of protected and priority species have been recorded on the site, the majority of which are birds adapted to farmland landscapes eg. barn owl, grey partridge, tree sparrow, lapwing, linnet, yellowhammer and skylark, others adapted to the remnant mossland and wetland habitats associated with ditches eg willow tit, and reed bunting and others that are winter visitors.

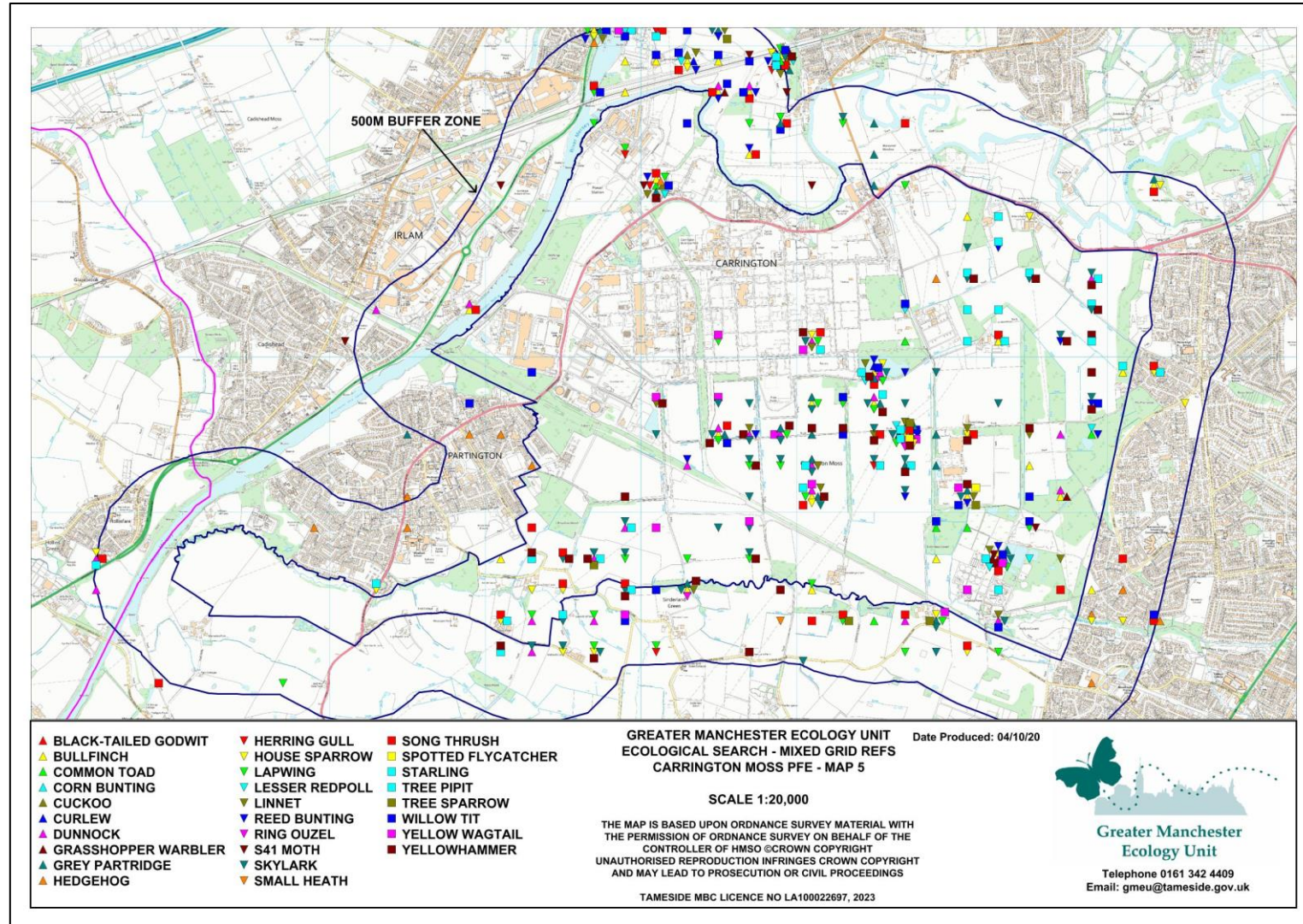
## NEW CARRINGTON

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To fully understand the level of impact of any future development both full breeding bird surveys and winter bird surveys should be carried out, along with surveys of potential compensation areas to demonstrate that displacement is possible into the wider landscape.

Notable mammal records include water vole.

**NEW CARRINGTON SUMMARY ECOLOGY ASSESSMENT**



**Fig 7 Priority Species**

## **6 ASSESSMENT OF ECOLOGICAL CONSTRAINTS**

### **6.1 International and National Designated Sites**

Development within New Carrington will not directly affect any nationally or internationally designated sites. There will be no land take of any nationally designated sites.

Indirect effects could arise, particularly arising from recreational disturbance and air pollution effects arising from increased traffic generation. In the case of internationally designated sites (SAC's, SPA's and Ramsar sites), these indirect impacts have been assessed in the Habitats Regulations Assessment (HRA) of the PfE Plan, and mitigation has been proposed where considered necessary and appropriate. In the case on nationally designated sites (Brookheys Covert SSSI), further assessment of the possible effects of development within New Carrington on the special interest of SSSIs will need to be considered at planning application stage.

### **6.2 Local Wildlife Sites**

A number of Local Wildlife Sites are included within the allocation boundary, although in terms of the overall size of the allocation the area included within SBIs is relatively not very substantive. There would be a presumption in any Masterplanning or planning application process that any direct or indirect impacts on SBIs should be avoided, mitigated or, as a last resort, compensated, in accord with the established nature conservation mitigation hierarchy.

Given the very large size of the allocation, it is considered that it would be possible to accommodate the development planned for the area while avoiding any direct harm to SBIs, and that mitigation measures would likely be possible for any identified indirect effects. It is concluded that the presence of SBIs within the allocation would not pose a very significant constraint on future development within the allocation.

### **6.3 Notable Habitats**

The allocation is dominated by bare, previously developed land and arable land of rather limited nature conservation value.

There are areas of notable habitats present, however, including broadleaved woodland and wetlands. It is noted that a significant area of these more notable habitats are already included within SBIs, and therefore carry a degree of protection through the planning process. With the exception of peat substrates and some small areas of ancient woodland, the more notable habitats are not classified as irreplaceable.

Given the very large size of the allocation, it is considered that it would likely be possible to accommodate the development planned for the area while avoiding any significant direct losses or harm to priority or notable habitats, and that mitigation measures would likely be possible for any identified indirect effects.

It is concluded that the presence of priority habitats within the allocation would not pose a very significant constraint on future development within the allocation.

### **6.4 Wildlife Links and Corridors**

The Manchester Ship Canal to the west of the allocation, and the River Mersey to the north, are important wildlife corridors.

Within the allocation, hedge lines, tree lines and ditch lines all form wildlife corridors. In any plans for development, these corridors and links should be protected, enhanced and buffered wherever possible.

## 6.4 Peat

The presence of areas of peat within the allocation which could constitute an irreplaceable habitat because the peat could be restored to support important habitats is acknowledged.

The issue of peat was discussed extensively at the Places for Everyone Examination Hearings and as a consequence a number of modifications were made to the New Carrington allocation policy, including the following new requirement; PfE Policy JPA30 Criterion 24 now states:

*“[proposals for development should] Undertake hydrological and ground investigations as necessary to inform the comprehensive masterplan and use of suitable construction techniques to ensure any loss or deterioration of irreplaceable habitat, and adverse impacts on the hydrology of undeveloped areas, is minimised. Where loss or deterioration is unavoidable, a suitable compensation strategy should be identified and delivered, including the potential restoration of lowland raised bog and complementary habitats elsewhere within the site”*

The independent inspectors concluded that proposed development would not cover the whole extent of the likely peat deposits, and while it is likely that development would result in some degree of further loss / deterioration of the deep peaty soils in the area, much of the peat in question is already degraded and without intervention will continue to lose its carbon storage function.

The allocation provides an opportunity for some areas of peat to be restored/improved which would otherwise not exist without the development.

## 6.5 Notable Species

With the exception of birds (see below), based on the habitats present and known species records it is not considered that the allocation will support very significant populations of protected and/or priority species such that the allocation would prove unsustainable. Further species surveys are however recommended, particularly for water voles, badgers and birds.

The allocation does however support notable populations of farmland birds (e.g. corn bunting, lapwing, linnet, skylark, grey partridge, yellowhammer etc), and birds of wetlands / wet woodlands (e.g. scaup, curlew, kingfisher, willow tit).

For the birds of wetlands and wet woodland, given the size of the allocation in relation to these habitat types it would likely be possible to retain and enhance the habitats of most value to these species. The majority of these habitats are included within SBIs.

For notable farmland bird communities, since many of these species are birds of open landscapes, it may be difficult to mitigate and compensate for the loss of large, open habitat areas and the fragmentation of open habitats. Some on-site mitigation may be possible, by improving on-site habitats and providing new feeding resources, but consideration may need to be given to providing off-site habitat compensation for any identified harm to farmland bird species.

There are areas of similar open farmland immediately to the south of the allocation which could be improved to accommodate higher populations of farmland birds.

## 7. OVERALL CONCLUSIONS

Given the ecological information currently available for the New Carrington allocation, there are no identified over-riding substantive ecological constraints to the proposed allocation. However, this conclusion is notwithstanding up-to-date more detailed surveys which should be required to inform masterplanning or specific applications for development. It also does not mean that the allocation is entirely without currently identified ecological value.

The site is very large, and given the level of development planned it is considered likely that there would be significant areas of the site which could be improved for nature conservation, off-setting potential habitat losses.

More detailed and up-to-date ecological surveys and assessments will be required to inform future plans for development within the allocation, and mitigation and compensation measures will be required for any harm which may be caused to existing ecological assets. Surveys will need to include assessments of peat substrates as a potential irreplaceable type.

Updated habitat surveys should be required to include areas outside of the allocation to identify possible areas for habitat off-setting for farmland birds.

To comply with recent statute, and with Policies within the PfE Plan, any future development will be required to provide at least a 10% Net Gain in Biodiversity.

The above conclusions are reached with the exception of consideration of peat substrates, which have been extensively discussed as part of the Places for Everyone examination. Additional policy requirements have been added to the New Carrington allocation policy (JPA30) and it will be considered further as part of the detailed Masterplan and future planning applications.

## 8 REQUIREMENTS FOR FUTURE SURVEYS

8.1 It will be necessary to carry out future, more detailed and up-to-date ecological surveys to inform any future planning applications.

Based on the existing assessment of the ecological status of the site, these surveys should as a minimum include –

- Up-to-date Habitat Surveys
- Breeding Bird Surveys
- Wintering Bird Surveys
- Bat Surveys
- Water Vole Surveys
- Badger Surveys

8.2 Detailed surveys and assessments of peat substrates will be required.

8.3 Project-based Habitats Regulations Assessments will be required to inform and assess detailed development proposals.

## 9 SUMMARY OF SITE VISITS AND ASSESSMENTS CARRIED OUT IN THE NEW CARRINGTON ALLOCATION BY GMEU, and INVOLVEMENT OF GMEU IN P/E PROCESS SINCE 2016

| Date                             | Event/Activity   |
|----------------------------------|--|
| Sep / Oct 2016                   | GMEU is provided with provisional list and boundaries of sites being considered for potential allocation as part of the developing GMSF. This list includes an initial draft allocations and surrounds. Desktop appraisals of the sites commence at this time, particularly in relation to the preparation of the initial draft of the Habitats Regulations Assessment of the GMSF. New Carrington is also visited at this time (walkover survey). No field notes are available from these visits. The first Habitats Regulations Assessment of the Allocation carried out at this time. |
| 2016                             | Advice and information provided by GMEU to ecological consultants working on behalf of the site owners, and to Trafford Council, on site surveys, particularly related to Carrington Village and the north of the allocation.  |
| 2017                             | GMEU attend meetings with Natural England and Trafford Council concerning potential future developments at Carrington and opportunities for habitat creation / enhancement. Walkover surveys undertaken (no records available)   |
| August 2017                      | Site visit and survey of Red Brook Site of Biological Importance.  |
| 20/03/2018 and subsequent visits | Site visit for pre-application consultation for Carrington Village planning application 99245/OUT/19.  |
| 2018                             | Bird records for New Carrington shared with Trafford Council and Natural England   |
| July 2018                        | Meetings with Trafford Council and site promoters regarding Environment and Green Infrastructure at Carrington   |
| August 2018                      | Site visits for Planning application consultation Trafford ref. 94949/HYB/18, Heath Farm Lane.   |
| Sept 2018                        | Advice provided to Trafford Council on the wording of natural environment policies in the Local Plan, including advice on peat substrates / wetland habitats at Carrington   |
| April 2019                       | Planning application consultation Trafford ref 97261/FUL/19 Voltage Park.  |
| 30/05/2019                       | Site visit and survey of Coroners Wood Site of Biological Importance.  |
| June-Aug 2019                    | Site visits in connection with planning application 98031/OUT/19 Land at Warburton Lane.   |

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|                         |  |
|-------------------------|--|
| January 2020            | Attendance at workshop to discuss the ecological value of New Carrington organised by the Friends of Carrington Moss. At this meeting GMEU encouraged data collection. |
| March 2021              | Engagement with Trafford Council regarding proposals for a new road at Carrington, including supply of desktop information   |
| April-May 2021          | Site visits, particularly to assess peat substrates  |
| May 2021                | Meeting with Trafford Council and Natural England regarding New Carrington allocation  |
| 2021                    | Tyler Grange PEA of the Wain Estates (Carrington), informed by data from GMEU ( <i>unpublished report</i> )  |
| 03/06/2021              | Site visit and survey, Malljus Covert Site of Biological Importance.   |
| 17/06/2021              | Site visit and survey, Sinderland Green Wood Site of Biological Importance.  |
| Oct 2021                | Site visit for planning application 105316/HYB/21.   |
| Oct 2021                | GMEU facilitates wintering bird surveys at Carrington  |
| April 2022              | Site visit for planning application 107456/OUT/22 Land West of Manchester Road.  |
| 1/8/2017,<br>17/05/2022 | Site visits and surveys, Broadoak Wood Site of Biological Importance.  |
| 11/05/2022              | Site visit in relation to planning application, Carrington Junction, application ref. 109755/OUT/22.   |
| 18/05/2022              | Site visit and survey Birchmoss Covert Site of Biological Importance   |
| 2022                    | GMEU was further involved in the preparation of the HRA of Places for Everyone   |

## APPENDIX 1

### DESIGNATED SITES CITATIONS

#### Brookheys Covert SSSI

**County:** Greater Manchester

**Site Name:** Brookheys Covert

**District:** Trafford

**Status:** Site of Special Scientific Interest (SSSI) notified under Section 28 of the Wildlife and Countryside Act 1981.

**Local Planning Authority:** Trafford Metropolitan Borough Council

**National Grid Reference:** SJ 742904

**Area:** 2.35 (ha) 5.82 (ac)

**Date Notified (Under 1949 Act):** 1977

**Date of Last Revision:** – Date Notified (Under 1981 Act): 1983


#### Other Information:

1. Brookheys Covert is managed by the Cheshire Conservation Trust as a nature reserve.
2. No change to the boundary at renotification.

#### Reasons for Notification:

Brookheys Covert is situated 12 km south west of Manchester city centre on the gravely soils associated with the Keuper Marl. The majority of the site comprises well-established pedunculate oak-hazel-ash woodland with a large number of small pools. Woodland of this type is uncommon in G.M.C. and the site contains a wide range of woodland and wetland habitats which make it the most diverse example in the county. Its close proximity to a heavily populated area makes Brookheys Covert a valuable educational site. Pedunculate oak is the principal tree species with hybrid oaks *Quercus robur*, *Q. petraea*, ash, downy birch and rowan frequent. Sycamore is locally abundant but it is being systematically removed as part of the site's management strategy. The understorey consists mainly of hazel, holly, hawthorn and occasional guelder rose *Viburnum opulus*, field rose *Rosa arvensis*, elder and honeysuckle. Bracken, bluebell, dog's mercury, creeping soft-grass, bramble and dog violet are the principal ground flora species with wood sorrel *Oxalis acetosella*, wood anemone *Anemone nemorosa*, enchanter's nightshade *Circaea lutetiana*, tufted hair-grass and broad buckler-fern *Dryopteris dilatata* occasional to locally frequent. The small pools within the woodland were created by past marl-digging operations. These have either been partly or wholly colonised by such species as water horsetail *Equisetum fluviatile*, marsh horsetail *E. palustre*, remote sedge, paniced sedge, marsh marigold, reed canary-grass, yellow flag, bur-reed *Sparganium erectum*, purple loosestrife and nodding bur-marigold *Bidens cernua*, with great spearwort *Ranunculus lingua* also occasionally found. Canadian water weed *Elodea canadensis*, broad-leaved pondweed *Potamogeton natans*, common duckweed *Lemna minor*, ivy-leaved crowfoot *Ranunculus hederaceus* and water violet *Hottonia palustris*, a plant with a local distribution in the county, are common within the open water habitat

## SITES OF BIOLOGICAL IMPORTANCE

|  |                            |  |
|--|----------------------------|--|
| <p><b>SITES OF BIOLOGICAL IMPORTANCE IN GREATER MANCHESTER</b><br/>                 Greater Manchester Ecology Unit<br/>                 Council Offices, Wellington Road, Ashton-Under-Lyne OL6 6DL<br/>                 (Private &amp; Confidential)</p>   |                            |  <p>Greater Manchester Ecology Unit</p> |
| <b>SITE NAME</b> : Broadoak Wood   |                            | <b>District</b> : Trafford   |
| <b>LOCATION</b> : Partington   | <b>GRID REF</b> : SJ725909 | <b>GRADE</b> : C   |
| <b>SITE DESCRIPTION</b>  |                            |  |
| <p>A semi-natural broadleaved woodland classified by the National Vegetation Classification as W4. This type of birch-dominated woodland is characteristic of acid peat substrates on mossland sites and is a Greater Manchester Biodiversity Habitat. In Greater Manchester, it is largely confined to the south west of Trafford and the Chat Moss complex. The site forms part of a dispersed network of this uncommon habitat.</p> <p>The canopy of the main woodland block is almost totally comprised of downy birch with goat willow, elder and hawthorn occurring locally. Oak and rowan are scarce and holly is very rare. Silver birch is locally dominant in the two woodland arms.</p> <p>The western part of the site has a ground flora, which is typical of W4 woodland. Broad buckler fern, bracken and bramble are locally dominant with wavy hair-grass and creeping soft-grass. Foxglove, male fern, red campion, Yorkshire fog, purple moor-grass, hogweed, herb robert, rough-stalked meadow grass, creeping buttercup, great hairy willowherb and rosebay willowherb are also present. <i>Polytrichum</i> moss is locally abundant. The invasive Himalayan balsam is locally dominant.</p> <p>There is a very small pond with emergent soft rush in the west of the site.</p> <p>In the centre of the main area of woodland, a large bracken dominated clearing is present. Other species present include purple moor-grass, soft rush and rosebay willowherb</p> <p>Birch polypore fungus is frequent within the woodland.</p> <p>The bird fauna has not been well recorded on the site but those observed during recent SBI visits include coal tit, magpie, wren, chiffchaff and wood pigeon.</p> <p>Invertebrates recorded include speckled wood and large white butterflies</p> <p><i>The habitat figures given are an approximation and are only intended to give an indication of the relative proportions of each habitat.</i></p> |                            |  |



| <b>SITES OF BIOLOGICAL IMPORTANCE IN GREATER MANCHESTER</b><br><b>Greater Manchester Ecology Unit</b><br><b>Council Offices, Clarence Arcade, Stamford Street, Ashton-under-Lyne,</b><br><b>OL6 7PT (Private &amp; Confidential)</b>  |                            | <br>Greater Manchester Ecology Unit |
|---|----------------------------|--|
| <b>SITE NAME</b> : Partington Nature Reserve*   |                            | <b>District</b> : Trafford   |
| <b>LOCATION</b> : Carrington  | <b>GRID REF</b> : SJ720919 | <b>GRADE</b> : C   |
| <b>SITE DESCRIPTION</b>   |                            |  |
| <p>A nature reserve supporting a mosaic of habitats including young woodland and scrub, neutral grassland, open water and swamp. Some of these habitats are Greater Manchester Biodiversity Habitat.</p> <p>Areas of young woodland and scrub are found throughout the site which are dominated by birch and grey and goat willows. Rose, hawthorn and elder are also found with ash occurring rarely. Regeneration of hawthorn, rowan, sycamore, oak and birch is occurring. The ground flora is dominated by bramble with nettle, creeping soft-grass and rosebay willowherb. Other species present include red campion, male fern, lady fern, herb Robert, American and broadleaved willowherbs, wavy hair-grass and the invasive Himalayan balsam. Some of the woodland has been thinned in recent years and new planting of rowan, hawthorn, hazel, field maple, apple and oak introduced. Birds recorded in these areas include blackbird, wren, willow warbler, blackcap, breeding long-tailed tit, robin, chiffchaff and the UK Biodiversity Priority Species bullfinch. Swift and great spotted woodpecker are recorded flying over the site.</p> <p>Areas of neutral grassland occur across the site, with some reseeding occurring. Grasses include Yorkshire fog, wavy hair-grass, soft brome, red fescue, crested dog's-tail, sweet vernal grass, false oat-grass and cock's-foot. Field wood-rush, slender rush, soft rush and hard rush also occur. Herbs present include sneezewort, common and greater bird's-foot trefoils, perforate St John's-wort, square-stemmed St John's-wort, common vetch, hoary willowherb, eyebright, knapweed, common century, oxeye daisy, ragwort, red bartsia, lady's bedstraw, teasel and yarrow. Sheep's sorrel, hop trefoil, hairy tare, common vetch, selfheal, meadow vetchling, wood sage and southern marsh orchid are also recorded with creeping willow reported. More ruderal areas support bramble, bracken, evening primrose, hedge bedstraw, rosebay willowherb and reed canary-grass.</p> <p>A number of water bodies have been created on the site including ditches along the northern boundary and several new ponds. The ditches support species such as bulrush, reed canary-grass, great hairy willowherb, purple loosestrife, hard rush, wild angelica, celery-leaved buttercup, greater bird's-foot-trefoil, and common duckweed. One of the new ponds was dry at the time of survey and another was dominated by bulrush.</p> <p>An area of swamp is still present dominated by reed canary-grass and common bulrush. Invasion by willows, hawthorn and birch is occurring. Birds recorded include sedge warbler, reed warbler and the UK Biodiversity Priority Species reed bunting.</p> <p>The grassland areas are grazed by rabbits. Common shrew is also recorded. Butterflies present include common blue, comma, red admiral, peacock and gatekeeper with large skipper, painted lady, speckled wood and small tortoiseshell recorded. Frog tadpoles are present with smooth newt reported. Common darter dragonfly was also observed</p> <p><i>The boundary of the site and the habitat figures may be subject to change once up-to-date aerial photographs and map base are available. The habitat figures given are an approximation and are only intended to give an indication of the relative proportions of each habitat.</i></p> |                            |  |




| <b>SITES OF BIOLOGICAL IMPORTANCE IN GREATER MANCHESTER</b><br>Greater Manchester Ecology Unit<br>Tameside MBC, Room 1.45, Council Offices, Wellington Road, Ashton-under-Lyne OL6 6DL<br>(Private & Confidential)   |                            |                            |
|--|----------------------------|----------------------------|
| <b>SITE NAME</b> : Carrington Power Station  |                            | <b>DISTRICT</b> : Trafford |
| <b>LOCATION</b> : Carrington, Urmston  | <b>GRID REF</b> : SJ728930 | <b>GRADE</b> : C           |
| SITE DESCRIPTION   |                            |                            |
| <p>An area of calcareous power station ash deposits which have been colonised by dense scrub and grassland. The scrub includes birch, common willow, goat willow and elder with the sparse ground flora of rosebay willowherb, nettle, bracken, cleavers, creeping thistle, coltsfoot, broad buckler fern and locally abundant Himalayan balsam. The previously reported species-rich clearings appear to have been colonised by scrub and only occasional southern marsh orchids are now found in this area.</p> <p>In the west of the site an area of relatively species-rich grassland occurs. This supports abundant southern marsh orchid, yellow-wort and common <del>centuary</del>.</p> <p>The adjacent area of reedbed is dominated by <i>Phragmites</i> with some great reedmace and reed canary-grass. Other species present around the edges include Himalayan balsam, Russian comfrey, red campion and rough meadow grass. Some invasion by willow is occurring.</p> <p>There is an abundant rabbit population. Burnet moth is also recorded. Butterflies observed include speckled wood, gatekeeper, small white, brimstone and common blue. Birds reported on the site include oystercatcher, little ringed plover and lapwing. Further information is held by Judith Smith, the County Bird Recorder for Greater Manchester.</p> <p><i>The habitat figures given are an approximation and are only intended to give an indication of the relative proportions of each habitat.</i></p> |                            |                            |




| <b>SITES OF BIOLOGICAL IMPORTANCE IN GREATER MANCHESTER</b><br>Greater Manchester Ecology Unit<br>Ryecroft Hall, Manchester Road, Audenshaw, Manchester M34 5ZJ<br>(Private & Confidential)  |                            |                            |
|--|----------------------------|----------------------------|
| <b>Site Name</b> : Sinderland Green Wood   |                            | <b>District</b> : Trafford |
| <b>Location</b> : Partington   | <b>Grid Ref</b> : SJ733905 | <b>Grade</b> : B           |
| SITE DESCRIPTION   |                            |                            |
| <p>An area of broadleaved woodland on either side of a track, which also supports a number of ponds. Some of the woodland has characteristics of ancient woodland, although it does not appear on the Ancient Woodland Inventory. Such woodland is a UK Biodiversity Priority Habitat and ponds are a Greater Manchester Biodiversity Habitat. The woodland is one in a series of SBIs that are associated with Sinderland Brook.</p> <p>On the western side of the track the canopy is dominated by pedunculate oak and ash with occasional sycamore, alder, beech and poplars in the canopy. There are some fallen oaks. The understorey includes hazel, holly, hawthorn and elder with occasional rowan, wild cherry and guelder rose. There is regeneration of ash and sycamore. Cherry has been planted in places. The ground flora is diverse and includes locally abundant bluebell and wild garlic with lesser celandine, dog's mercury, wood anemone, wood sorrel, creeping soft-grass, broad buckler fern, herb robert, common dog violet, red campion, pignut and wood false brome. Garlic mustard, cleavers, white dead nettle, ivy and ground ivy also occur.</p> <p>The pond (SD732905) supports marginal and aquatic vegetation including remote sedge, yellow flag iris, lesser duckweed, <del>common</del> figwort, bittersweet and creeping buttercup. Water violet is also recorded. The invasive Himalayan balsam is also present. Alder occurs around the edges of the pond together with the invasive Rhododendron.</p> <p>The eastern side is more disturbed in character. While the edges of the site still support mature woodland the centre of the site is very open with a large number of fallen poplars. The mature woodland is similar to that on the western side but with a higher proportion of sycamore. Crack willow is also present. The understorey is dominated by hawthorn and hazel with guelder rose, elder and regeneration of elm. Dogwood and field maple have been planted. The ground flora includes locally abundant wood anemone with dog's mercury, red campion, lesser celandine, wood false brome, broad buckler fern, pignut, male fern and meadowsweet but has a high proportion of ruderal and grassland species such as meadow fox-tail, hogweed, bramble, nettle and cleavers and reed canary-grass.</p> <p>The open area in the centre of the site is dominated by grassland and ruderal species including meadow foxtail, nettle, hedge woundwort, reed canary grass. The invasive Himalayan balsam is locally dominant and bamboo is present.</p> <p>The pond in the west (SD735905) is dominated by vegetation with no open water at the time of survey. Species present include spiked water milfoil, remote sedge, water plantain, flote-grass, bittersweet, reed canary grass, soft rush, yellow flag iris and creeping buttercup. Marsh bedstraw yellow loosestrife and water forget-me-not are also recorded. Aquatic invertebrates recorded include twelve species of beetle and a number of common species including common hoglouse, lesser water boatman and pond skater.</p> <p>Sinderland Brook runs through the site and its banks support abundant wild garlic, lesser celandine, ground elder and cow parsley with white deadnettle, docks, ground ivy and garlic mustard. Alders are also present. Rivers are a UK Biodiversity Priority Habitat</p> |                            |                            |
| <i>Page 1 of 2</i>   |                            |                            |

| <b>SITES OF BIOLOGICAL IMPORTANCE IN GREATER MANCHESTER</b><br><b>Greater Manchester Ecology Unit</b><br><b>Ryecroft Hall, Manchester Road, Audenshaw, Manchester M34 5ZJ</b><br><i>(Private &amp; Confidential)</i>  |                            |                            |
|---|----------------------------|----------------------------|
| <b>SITE NAME</b> : Sinderland Green Wood  |                            | <b>DISTRICT</b> : Trafford |
| <b>LOCATION</b> : Partington  | <b>GRID REF</b> : SJ733905 | <b>GRADE</b> : B           |
| <b>SITE DESCRIPTION CONTINUED</b>   |                            |                            |
| <p>Birds observed include wren, blackbird, chaffinch, great tit, wood pigeon, chiffchaff, pheasant and the UK Biodiversity Priority Species yellowhammer. Green woodpecker and breeding buzzard are also recorded.</p> <p>Speckled wood butterfly is present with orange tip recorded. Brown hare and mole are also recorded. Fungi recorded include coral spot and earth ball.</p> <p>The site is managed by the Cheshire Wildlife Trust as a Nature Reserve on behalf of the National Trust.</p> <p><i>Additional information supplied by Cheshire Wildlife Trust, the PondLife Project and the County Bird Recorder, Judith Smith. The habitat figures given are an approximation and are only intended to give an indication of the relative proportions of each habitat.</i></p> |                            |                            |

| SITES OF BIOLOGICAL IMPORTANCE IN GREATER MANCHESTER<br>Greater Manchester Ecology Unit<br>Council Offices, Clarence Arcade, Stamford Street, Ashton-under-Lyne, OL6 7PT ( <i>Private &amp; Confidential</i> )   |                     | <br>Greater Manchester Ecology Unit |
|--|---------------------|--|
| SITE NAME : Birchmoss Covert   |                     | District : Trafford  |
| LOCATION : Carrington  | GRID REF : SJ749909 | GRADE : B  |
| SITE DESCRIPTION   |                     |  |
| <p>An area of semi-natural broadleaved woodland on remnant peat mossland. Such woodland is a UK Biodiversity Priority Habitat. Records of the site indicate that a fire in 1957 destroyed much of the original oak, pine and birch woodland which formed the covert. The area regenerated to dense birch woodland, a mixture of downy birch, silver birch and hybrids between the two. Rowan and holly are occasional. A few of the original mature trees occur around the edge of the site and these include sessile oak, pedunculate oak, crack willow and Scots pine. Alder and goat willow occur in the north west corner of the site and European larch and Austrian pine have been planted in the south west corner. Field drains border much of the site.</p> <p>The woodland ground flora is dominated by bracken with frequent bramble and broad buckler-fern. Other species recorded include creeping soft-grass, Yorkshire fog, wavy hair-grass, tufted hair-grass, giant fescue, male fern, soft rush, red campion, rosebay willowherb, cleavers and nettle. The invasive Himalayan balsam is locally dominant.</p> <p>As part of an ecological mitigation strategy for water vole associated with the adjacent Manchester United training centre significant areas of woodland have been cleared since 2013 and existing ditches widened and lengthened. The open ground created has colonised with birch and willow, soft rush, American willowherb, water-pepper and purple moor-grass. Bracken and bramble are also present. Regeneration of heather is reported. Ditches are colonising with reedmace, reed canary-grass and soft rush.</p> <p>Birds are well recorded on the site including the following possible breeding species: pheasant, woodpigeon, great spotted woodpecker, wren, dunnock (UK Biodiversity Priority species), robin, blackbird, blackcap, chiffchaff, willow warbler, long-tailed tit, blue tit, great tit, jay, magpie and chaffinch. Other birds recorded include buzzard, mallard, stock dove, mistle thrush, garden warbler and tawny owl.</p> <p>Over 50 species of fungi have been recorded from the covert in the past with more recent records for many-zoned polypore, birch polypore and candle-snuff. Mosses present include <i>Amblystegium serpens</i>, <i>Polytrichum commune</i>, <i>Brachythecium rutabulum</i> and <i>Mnium horum</i>. Butterflies recorded include orange tip, peacock and speckled wood. A number of mammals have also been recorded including wood mouse, field vole, bank vole, common shrew, pygmy shrew, stoat, weasel and fox.</p> <p>The site is managed as a Nature Reserve by Cheshire Wildlife Trust, who hold more detailed records for the site. It lies adjacent to Altrincham Sewage Works SBI.</p> <p><i>The habitat figures given are an approximation and are only intended to give an indication of the relative proportions of each habitat.</i></p> |                     |  |



| SITES OF BIOLOGICAL IMPORTANCE IN GREATER MANCHESTER<br>Greater Manchester Ecology Unit<br>Council Offices, Wellington Road, Ashton-Under-Lyne OL6 6DL<br>(Private & Confidential)   |                     | <br>Greater Manchester Ecology Unit |
|--|---------------------|--|
| SITE NAME : Wetland at Carrington Moss   |                     | District : Trafford  |
| LOCATION : Carrington  | GRID REF : SJ746919 | GRADE : A  |
| SITE DESCRIPTION   |                     |  |
| <p>Naturally colonised sand, calcareous slag and limestone chippings adjacent to a chemical works, part of which has been demolished. Habitats include a wetland area of shallow water, <del>reedbed</del>, marsh, willow <del>carr</del>, developing woodland and scrub. The site, which lies within security fencing and comprises of two parts, the north and south, separated by a car park. The site is managed as a nature reserve by a group of volunteers.</p> <p>The southern section consists of a range of wetland habitats. Species present in the large waterbody include common duckweed, yellow flag iris, water mint, remote sedge and hard rush. Other species recorded include amphibious bistort, spiked water milfoil and water plantain. The swamp is dominated by bulrush but includes common reed and reed canary grass.</p> <p>Grey and goat willow scrub occurs adjacent to the waterbody and sphagnum moss is present within this area. Other species recorded include birch, which is locally frequent, together with osier, ash, alder, elder, pedunculate and turkey oak, sycamore, hawthorn, rowan, apple, bird cherry, holly whitebeam and yew. Bramble and gorse also occur. Royal fern is present; other ferns present include male, lady, broad buckler and hard fern. Lemon scented fern has also been recorded. Other species present include wavy hair-grass, creeping soft-grass, bluebell, lesser celandine, wood avens, red campion, foxglove, herb robert, common dog violet and yellow bird's nest (UK Biodiversity Priority Species) and uncommon within Greater Manchester.</p> <p>In the more open grassland areas grassland species recorded include red fescue and Yorkshire fog. Herbs include common and greater bird's foot trefoil, oval sedge, common mouse ear, autumn hawkbit, forget-me-not, broadleaved and rosebay willowherb, cat's-ear, field woodrush, tufted vetch, scarlet pimpernel, lady's bedstraw, common knapweed, common centaury, great burnet, common vetch, yellow loostripe, fox and cubs, meadow vetchling and sheep's sorrel. Southern marsh, early marsh and common spotted orchids have been recorded as abundant locally and bee orchid, rare in Greater Manchester, has also been recorded.</p> <p>The northern part of the site is developing woodland of goat and grey willow. Hawthorn, rowan, silver birch and elder also occur together with bramble and gorse. The ground flora species include scarlet pimpernel, herb robert, creeping cinquefoil, male fern and common dog violet. Other species recorded include sheep's sorrel, field woodrush, common birds foot trefoil, common knapweed, great hairy willowherb, rosebay willowherb, ribwort plantain, lady's bedstraw, self heal, hard rush, cow slip and ox eye daisy. This area used to be more open with extensive areas of calcareous sand. Species previously recorded include common centaury, biting stonecrop, blue fleabane, selfheal, bird's-foot trefoil and purging flax with more local silvery hair-grass, Canadian fleabane, common St John's <del>wort</del>, <del>haresfoot</del> clover and <del>thale</del> cress.</p> <p>A number of bryophyte and lichen flora was recorded on sand deposits. Fungi recorded from the site include birch polypore, fly agaric, yellow brain fungus and shaggy <del>inkcap</del>.</p> |                     |  |
| Page 1 of 2  |                     |  |

**SITES OF BIOLOGICAL IMPORTANCE IN GREATER MANCHESTER**  
**Greater Manchester Ecology Unit**  
**Council Offices, Wellington Road, Ashton-Under-Lyne OL6 6DL**  
*(Private & Confidential)*



**SITE NAME :** Wetland at Carrington Moss

**District :** Trafford

**LOCATION :** Carrington

**GRID REF :** SJ746919

**GRADE :** A

**SITE DESCRIPTION CONTINUED**

Local areas of calcareous ballast and slag were recorded as being colonised by blue fleabane, common centaury, ~~felwort~~, bird's-foot trefoil, selfheal and mouse-ear hawkweed.

The site has high ornithological interest and is well recorded. Bird species observed include Yellowhammer\*, blackcap, willow warbler, reed warbler, wren, blackbird, long-tailed tit, reed bunting\*, whitethroat, wood pigeon, sand martin, swift, dunnock\*, blue tit, linnet\*, magpie, robin, great tit, song thrush\*, chaffinch, wood pigeon, mallard, moorhen and little grebe.

Over 80 species have been recorded annually in recent years. Breeding birds include little ringed plover, ringed plover, reed bunting\*, lapwing\*, linnet\*, whitethroat, skylark\*, dunnock\*, starling\*, and willow warbler, in addition to little grebe, moorhen and mallard and mute swan. Grey partridge, redpoll and coot and bred on the site in previous years. Probable breeders include song thrush\*, bullfinch\*, great spotted woodpecker, grey wagtail, goldfinch, raven and kestrel.

Winter visitors include teal, pintail, shoveler, pochard, tufted duck, goldeneye, fieldfare and redwing. Swift, sand martin, swallow, sparrowhawk and kestrel hunt over the site. There are records for woodcock, green sandpiper and snipe. Kittiwake and sacred ibis were recorded in 2011, bittern\* in 2012 and common crane and Egyptian goose visited the site in 2013. Species marked \* are UK Biodiversity Species

The open water is recorded as being rich in invertebrates such as water spider, crustaceans, ~~planerians~~, leeches, hog louse, water boatmen, together with abundant frogs and smooth newts.

Grey squirrel, fox mole and rabbit were recorded. Good populations of mammals have previously been recorded including wood mouse, common shrew, pygmy shrew, bank vole and weasel. Mink has been recorded from the site.


In addition to aquatic invertebrates, the site provides habitat for many terrestrial invertebrates. Species observed include blue-tailed and common blue damselfly, green-veined white, speckled wood and small white butterfly together with cinnabar moth (UK Biodiversity Priority Species) and white-tailed bumble bee. Common blue butterfly and black darter dragonfly have also been recorded.

*The habitat figures given are an approximation and are only intended to give an indication of the relative proportions of each habitat. Additional information supplied by Wetland at Carrington Moss Volunteer Group.*




| SITES OF BIOLOGICAL IMPORTANCE IN GREATER MANCHESTER<br>Greater Manchester Ecology Unit<br>Council Offices, Wellington Road, ASHTON-UNDER-LYNE OL6 6DL<br>(Private & Confidential)   |                     |                     |
|--|---------------------|---------------------|
| Site Name : Altrincham Sewage Works  |                     | District : Trafford |
| Location : Altrincham  | Grid Ref : SJ753909 | Grade : B           |
| SITE DESCRIPTION   |                     |                     |
| <p>A complex of sludge lagoons mostly colonised by vegetation although some areas of open water remain. The site is primarily designated for its bird interest...</p> <p>The vegetation is dominated by reed canary grass (<i>Phalaris arundinacea</i>) with occasional great reedmace (<i>Typha latifolia</i>) and common reed (<i>Phragmites australis</i>). There is some invasion by willow scrub and elder. The invasive Himalayan balsam occurs along some of the banking. A track bisects the largest section of the site and supports vegetation of disturbed and waste ground. Grasses present include false oat-grass, Yorkshire fog, perennial rye-grass and sterile brome. Herbs and ruderal species include mugwort, cleavers, spear thistle, ragwort, ribwort plantain, butter burr, field horsetail, hedge woundwort, cut-leaved crane's-bill and bramble.</p> <p>The south eastern area is dominated by scrub and grassland. The scrub includes willows, sycamore and elder. Grasses include false oat-grass, cocksfoot, Yorkshire fog and common bent. Some great reedmace and reed canary-grass also occurs. Herbs and ruderal species present include hogweed, silverweed, comfrey, wild mignonette and garden poppy. The edges of this section have been disturbed by tipping of rubble.</p> <p>The site supports breeding whitethroat, moorhen, coot and mallard. Singing males recorded include song thrush, sedge warbler, reed warbler, willow warbler, grasshopper warbler, reed bunting, wren, blackcap and yellowhammer. Other birds recorded include teal, lapwing, little ringed plover, swallow, swift, sand martin, house martin, green sandpiper, common sandpiper, grey wagtail, pied wagtail, fieldfare and redwing. Further information is held by Judith Smith, the County Bird Recorder.</p> <p>Other animals recorded include fox and small skipper.</p> <p>(The site is adjacent to Birchmoss Covert SBI which supports breeding woodland birds.)</p> |                     |                     |



| SITES OF BIOLOGICAL IMPORTANCE IN GREATER MANCHESTER<br>Greater Manchester Ecology Unit<br>Council Offices, Clarence Arcade, Stamford Street,<br>Ashton-under-Lyne OL6 7PT<br>(Private & Confidential)  |                     |            | <br>Greater Manchester<br>Ecology Unit |
|---|---------------------|------------|---|
| SITE NAME : Malljurs Covert   |                     | District : |   |
| LOCATION : Carrington, Sale   | GRID REF : SJ753902 | GRADE : C  |   |
| SITE DESCRIPTION  |                     |            |   |
| <p>A small woodland with associated ponds. Such woodland is a UK Biodiversity Priority Habitat. The wood is one of a series of small woodlands that occur in the Sinderland/Red Brook corridor.</p> <p>The woodland canopy is dominated by pedunculate oak with occasional silver birch and downy birch, some of which has been coppiced in the past. Some alder is present by the brook and in the extension along the railway, which has the characteristic of wet woodland, although the area is very small.</p> <p>The understorey is limited in the main area of woodland. Species present include elder, hazel, hawthorn, rowan and holly. Regeneration of rowan, hawthorn and beech is occurring. The edges of the wood and extension along the railway are more overgrown and the understorey here also includes goat and grey willows, guelder rose and broom.</p> <p>The ground flora in the more open areas is dominated by creeping soft-grass with abundant bluebell. Bramble is locally dominant in other areas with locally frequent dog's mercury, bracken, ivy, broadleaved willowherb and cleavers. Male fern and broad buckler fern occur frequently. Other species present include red fescue, red campion, wood sage, pignut, foxglove, honeysuckle, lesser celandine, violet and wood anemone. The non-native raspberry also occurs.</p> <p>Several streams run through the wood and are iron rich. Two ponds also occur. These ponds and the low-lying areas of the wood support yellow flag iris, soft rush, marsh marigold, remote sedge, bittersweet, common valerian, meadowsweet, skullcap, male fern and broad buckler fern. Yellow pimpernel and narrow-leaved water parsnip are reported. The invasive Himalayan balsam is locally dominant.</p> <p>Birds present include chaffinch, long-tailed tit, chiffchaff, blackbird, wood pigeon and wren. Evidence of use by large mammals is present. Water vole has been recorded in the adjacent Sinderland Brook and suitable habitat for this species is present within the SBI. Alder leaf beetle is also present</p> <p>There is no formal access to the site, but there are a number of well worn paths and evidence of informal use.</p> <p><i>The habitat figures given are an approximation and are only intended to give an indication of the relative proportions of each habitat.</i></p> |                     |            |   |



|  |                                   |  |
|--|-----------------------------------|--|
| <p align="center"><b>SITES OF BIOLOGICAL IMPORTANCE IN GREATER MANCHESTER</b><br/>                 Greater Manchester Ecology Unit<br/>                 Council Offices, Clarence Arcade, Stamford Street, Ashton-under-Lyne,<br/>                 OL6 7PT <i>(Private &amp; Confidential)</i></p>   |                                   |  <p align="right">Greater Manchester<br/>Ecology Unit</p> |
| <p><b>SITE NAME :</b> Red Brook</p>  |                                   | <p><b>District :</b> Trafford</p>  |
| <p><b>LOCATION :</b> Partington</p>  | <p><b>GRID REF :</b> SJ717905</p> | <p><b>GRADE :</b> C</p>  |
| <p><b>SITE DESCRIPTION</b></p>   |                                   |  |
| <p>A section of Red Brook that supports natural river habitat features. The Brook is an important wildlife corridor on the southern edge of Partington.</p> <p>Aquatic vegetation includes abundant water-crowfoot beds together with unbranched bur-reed and broadleaved pondweed. Marginal species include brooklime.</p> <p>The bankside vegetation is overgrown in places. Species present include reed canary-grass, great hairy willowherb and meadowsweet together with species such as nettle, hogweed, bracken, bramble and hedge woundwort. The invasive Himalayan balsam is abundant</p> <p>Scattered trees occur on the banks of the Brook. Species include ash, wild cherry and crack willow.</p> <p>Water voles have been recorded on the Brook. Banded demoiselle dragonflies were abundant at the time of survey. Swallows feed over the site.</p> <p><i>The habitat figures given are an approximation and are only intended to give an indication of the relative proportions of each habitat.</i></p> |                                   |  |



## APPENDIX 2

## NEW CARRINGTON SUMMARY SPECIES LISTS

| Taxon Group     | Common Name          | Scientific Name                       | Record Count | Latest date |
|-----------------|----------------------|---------------------------------------|--------------|-------------|
| acarine (Acari) |                      | <i>Aceria pseudoplatani</i>           | 1            | 17/05/2020  |
| acarine (Acari) |                      | <i>Eriophyes leiosoma</i>             | 1            | 07/05/2018  |
| acarine (Acari) |                      | <i>Eriophyes sorbi</i>                | 1            | 17/05/2020  |
| amphibian       | Common Frog          | <i>Rana temporaria</i>                | 19           | 15/05/2019  |
| amphibian       | Common Toad          | <i>Bufo bufo</i>                      | 11           | 20/10/2021  |
| amphibian       | Great Crested Newt   | <i>Triturus cristatus</i>             | 2            | 01/02/2001  |
| amphibian       | Palmate Newt         | <i>Lissotriton helveticus</i>         | 3            | 11/09/2022  |
| amphibian       | Smooth Newt          | <i>Lissotriton vulgaris</i>           | 19           | 19/08/2022  |
| bird            | African Sacred Ibis  | <i>Threskiornis aethiopicus</i>       | 3            | 25/03/2012  |
| bird            | Arctic Redpoll       | <i>Acanthis hornemanni</i>            | 2            | 03/04/1996  |
| bird            | Arctic Tern          | <i>Sterna paradisaea</i>              | 5            | 26/04/2012  |
| bird            | Bar-headed Goose     | <i>Anser indicus</i>                  | 1            | 23/10/2006  |
| bird            | Barn Owl             | <i>Tyto alba</i>                      | 51           | 05/09/2021  |
| bird            | Barnacle Goose       | <i>Branta leucopsis</i>               | 6            | 02/09/2006  |
| bird            | Bittern              | <i>Botaurus stellaris</i>             | 1            | 26/03/2012  |
| bird            | Black Redstart       | <i>Phoenicurus ochruros</i>           | 3            | 04/05/2014  |
| bird            | Black Tern           | <i>Chlidonias niger</i>               | 5            | 14/05/2009  |
| bird            | Blackbird            | <i>Turdus merula</i>                  | 268          | 08/05/2023  |
| bird            | Blackcap             | <i>Sylvia atricapilla</i>             | 248          | 01/06/2022  |
| bird            | Black-eared Wheatear | <i>Oenanthe hispanica/melanoleuca</i> | 1            | 25/04/2003  |
| bird            | Black-headed Gull    | <i>Chroicocephalus ridibundus</i>     | 288          | 14/02/2023  |
| bird            | Black-necked Grebe   | <i>Podiceps nigricollis</i>           | 218          | 24/04/2013  |
| bird            | Black-tailed Godwit  | <i>Limosa limosa</i>                  | 17           | 10/07/2011  |
| bird            | Blue Tit             | <i>Cyanistes caeruleus</i>            | 241          | 29/04/2023  |
| bird            | Blue-headed Wagtail  | <i>Motacilla flava flava</i>          | 12           | 12/05/2011  |
| bird            | Brambling            | <i>Fringilla montifringilla</i>       | 155          | 12/11/2017  |
| bird            | Bullfinch            | <i>Pyrrhula pyrrhula</i>              | 175          | 14/02/2023  |
| bird            | Buzzard              | <i>Buteo buteo</i>                    | 604          | 14/02/2023  |
| bird            | Canada Goose         | <i>Branta canadensis</i>              | 228          | 02/06/2022  |
| bird            | Carrion Crow         | <i>Corvus corone</i>                  | 237          | 29/04/2023  |
| bird            |                      | <i>Corvus corone corone</i>           | 80           | 29/10/2012  |
| bird            | Chaffinch            | <i>Fringilla coelebs</i>              | 372          | 14/02/2023  |
| bird            | Chiffchaff           | <i>Phylloscopus collybita</i>         | 336          | 29/04/2023  |
| bird            | Coal Tit             | <i>Parus ater</i>                     | 57           | 25/03/2021  |
| bird            | Collared Dove        | <i>Streptopelia decaocto</i>          | 136          | 17/04/2022  |
| bird            | Western Jackdaw      | <i>Coloeus monedula spermologus</i>   | 2            | 18/04/2014  |
| bird            | Common Gull          | <i>Larus canus</i>                    | 46           | 17/02/2017  |
| bird            | Common Sandpiper     | <i>Actitis hypoleucos</i>             | 82           | 21/04/2018  |
| bird            | Common Scoter        | <i>Melanitta nigra</i>                | 3            | 19/10/2000  |
| bird            | Common Tern          | <i>Sterna hirundo</i>                 | 17           | 04/05/2012  |
| bird            | Coot                 | <i>Fulica atra</i>                    | 255          | 01/03/2020  |
| bird            | Cormorant            | <i>Phalacrocorax carbo</i>            | 145          | 02/06/2022  |

## NEW CARRINGTON

| Taxon Group | Common Name              | Scientific Name                    | Record Count | Latest date |
|-------------|--------------------------|------------------------------------|--------------|-------------|
| bird        | Corn Bunting             | <i>Emberiza calandra</i>           | 291          | 30/03/2014  |
| bird        | Corvid Species           | <i>Corvus</i>                      | 1            | 07/02/1996  |
| bird        | Crossbill                | <i>Loxia curvirostra</i>           | 1            | 01/07/2012  |
| bird        | Cuckoo                   | <i>Cuculus canorus</i>             | 93           | 30/04/2016  |
| bird        | Curlew                   | <i>Numenius arquata</i>            | 20           | 28/02/2011  |
| bird        | Curlew Sandpiper         | <i>Calidris ferruginea</i>         | 1            | 08/01/1995  |
| bird        | Dunlin                   | <i>Calidris alpina</i>             | 18           | 12/05/2011  |
| bird        | Dunnock                  | <i>Prunella modularis</i>          | 185          | 14/02/2023  |
| bird        | Egyptian Goose           | <i>Alopochen aegyptiaca</i>        | 1            | 23/09/2013  |
| bird        | Fieldfare                | <i>Turdus pilaris</i>              | 233          | 28/02/2022  |
| bird        | Firecrest                | <i>Regulus ignicapilla</i>         | 1            | 06/03/1999  |
| bird        | Gadwall                  | <i>Mareca strepera</i>             | 445          | 07/05/2018  |
| bird        | Garden Warbler           | <i>Sylvia borin</i>                | 71           | 28/04/2016  |
| bird        | Garganey                 | <i>Spatula querquedula</i>         | 33           | 29/04/2014  |
| bird        | Goldcrest                | <i>Regulus regulus</i>             | 115          | 25/02/2022  |
| bird        | Golden Plover            | <i>Pluvialis apricaria</i>         | 9            | 02/09/2009  |
| bird        | Goldeneye                | <i>Bucephala clangula</i>          | 42           | 11/12/2016  |
| bird        | Goldfinch                | <i>Carduelis carduelis</i>         | 274          | 29/04/2023  |
| bird        | Goosander                | <i>Mergus merganser</i>            | 45           | 23/04/2018  |
| bird        | Goshawk                  | <i>Accipiter gentilis</i>          | 1            | 07/12/2020  |
| bird        | Grasshopper Warbler      | <i>Locustella naevia</i>           | 123          | 04/05/2013  |
| bird        | Great Black-backed Gull  | <i>Larus marinus</i>               | 12           | 07/01/2018  |
| bird        | Great Crested Grebe      | <i>Podiceps cristatus</i>          | 84           | 09/06/2018  |
| bird        | Great Spotted Woodpecker | <i>Dendrocopos major</i>           | 196          | 15/02/2022  |
| bird        | Great Tit                | <i>Parus major</i>                 | 261          | 29/04/2023  |
| bird        | Green Sandpiper          | <i>Tringa ochropus</i>             | 170          | 26/08/2015  |
| bird        | Green Woodpecker         | <i>Picus viridis</i>               | 77           | 18/04/2021  |
| bird        | Greenfinch               | <i>Chloris chloris</i>             | 195          | 28/02/2022  |
| bird        | Greenland Wheatear       | <i>Oenanthe oenanthe leucorhoa</i> | 1            | 19/04/2010  |
| bird        | Greenshank               | <i>Tringa nebularia</i>            | 6            | 20/08/2001  |
| bird        | Grey Heron               | <i>Ardea cinerea</i>               | 160          | 14/02/2023  |
| bird        | Grey Partridge           | <i>Perdix perdix</i>               | 282          | 29/05/2023  |
| bird        | Grey Plover              | <i>Pluvialis squatarola</i>        | 1            | 26/07/1997  |
| bird        | Grey Wagtail             | <i>Motacilla cinerea</i>           | 138          | 12/02/2022  |
| bird        | Greylag Goose            | <i>Anser anser</i>                 | 33           | 15/04/2014  |
| bird        | Hen Harrier              | <i>Circus cyaneus</i>              | 25           | 19/11/2007  |
| bird        | Herring Gull             | <i>Larus argentatus</i>            | 34           | 15/02/2022  |
| bird        | Hobby                    | <i>Falco subbuteo</i>              | 53           | 18/05/2019  |
| bird        | Honey-buzzard            | <i>Pernis apivorus</i>             | 2            | 27/08/2010  |
| bird        | House Martin             | <i>Delichon urbicum</i>            | 121          | 02/06/2022  |
| bird        | House Sparrow            | <i>Passer domesticus</i>           | 150          | 02/06/2022  |
| bird        | Jack Snipe               | <i>Lymnocyptes minimus</i>         | 48           | 14/02/2009  |
| bird        | Jackdaw                  | <i>Coloeus monedula</i>            | 220          | 02/06/2022  |
| bird        | Jay                      | <i>Garrulus glandarius</i>         | 164          | 15/02/2022  |
| bird        | Kestrel                  | <i>Falco tinnunculus</i>           | 317          | 02/01/2023  |
| bird        | Kingfisher               | <i>Alcedo atthis</i>               | 115          | 15/05/2018  |

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| Taxon Group | Common Name              | Scientific Name                      | Record Count | Latest date |
|-------------|--------------------------|--------------------------------------|--------------|-------------|
| bird        | Kittiwake                | <i>Rissa tridactyla</i>              | 1            | 24/04/2011  |
| bird        | Lapwing                  | <i>Vanellus vanellus</i>             | 408          | 01/06/2022  |
| bird        | Yellow-legged gull       | <i>Larus michahellis michahellis</i> | 4            | 26/04/2001  |
| bird        | Lesser Black-backed Gull | <i>Larus fuscus</i>                  | 69           | 17/05/2020  |
| bird        | Lesser Redpoll           | <i>Acanthis cabaret</i>              | 66           | 25/03/2021  |
| bird        | Lesser Whitethroat       | <i>Curruca curruca</i>               | 57           | 02/06/2016  |
| bird        | Linnet                   | <i>Linaria cannabina</i>             | 210          | 01/06/2022  |
| bird        | Little Egret             | <i>Egretta garzetta</i>              | 7            | 03/05/2015  |
| bird        | Little Grebe             | <i>Tachybaptus ruficollis</i>        | 261          | 16/04/2021  |
| bird        | Little Gull              | <i>Hydrocoloeus minutus</i>          | 2            | 23/05/2005  |
| bird        | Little Owl               | <i>Athene noctua</i>                 | 58           | 15/08/2021  |
| bird        | Little Ringed Plover     | <i>Charadrius dubius</i>             | 119          | 14/04/2015  |
| bird        | Little Stint             | <i>Calidris minuta</i>               | 1            | 19/04/1999  |
| bird        | Long-eared Owl           | <i>Asio otus</i>                     | 15           | 25/06/2011  |
| bird        | Long-tailed Tit          | <i>Aegithalos caudatus</i>           | 252          | 14/02/2023  |
| bird        | Magpie                   | <i>Pica pica</i>                     | 278          | 29/04/2023  |
| bird        | Mallard                  | <i>Anas platyrhynchos</i>            | 320          | 29/04/2023  |
| bird        | Mandarin Duck            | <i>Aix galericulata</i>              | 4            | 17/01/2008  |
| bird        | Marsh Harrier            | <i>Circus aeruginosus</i>            | 3            | 08/09/2000  |
| bird        | Marsh Tit                | <i>Poecile palustris</i>             | 2            | 20/12/2007  |
| bird        | Meadow Pipit             | <i>Anthus pratensis</i>              | 109          | 14/02/2023  |
| bird        | Mediterranean Gull       | <i>Ichthyaeetus melanocephalus</i>   | 124          | 02/07/2015  |
| bird        | Merlin                   | <i>Falco columbarius</i>             | 75           | 14/11/2021  |
| bird        | Mistle Thrush            | <i>Turdus viscivorus</i>             | 200          | 29/04/2023  |
| bird        | Moorhen                  | <i>Gallinula chloropus</i>           | 309          | 28/11/2021  |
| bird        | Mute Swan                | <i>Cygnus olor</i>                   | 127          | 01/03/2020  |
| bird        | Nightingale              | <i>Luscinia megarhynchos</i>         | 1            | 17/08/1997  |
| bird        | Nuthatch                 | <i>Sitta europaea</i>                | 43           | 28/02/2022  |
| bird        | Osprey                   | <i>Pandion haliaetus</i>             | 4            | 03/06/2014  |
| bird        | Oystercatcher            | <i>Haematopus ostralegus</i>         | 247          | 29/05/2023  |
| bird        | Peregrine                | <i>Falco peregrinus</i>              | 184          | 30/04/2022  |
| bird        | Ring-necked Pheasant     | <i>Phasianus colchicus colchicus</i> | 1            | 07/06/2014  |
| bird        | Pheasant                 | <i>Phasianus colchicus</i>           | 233          | 29/04/2023  |
| bird        | Pied Flycatcher          | <i>Ficedula hypoleuca</i>            | 4            | 21/05/2008  |
| bird        | Pied Wagtail             | <i>Motacilla alba</i>                | 42           | 14/05/2016  |
| bird        |                          | <i>Motacilla alba yarrellii</i>      | 232          | 02/06/2022  |
| bird        | Pink-footed Goose        | <i>Anser brachyrhynchus</i>          | 170          | 28/01/2018  |
| bird        | Pintail                  | <i>Anas acuta</i>                    | 46           | 17/05/2016  |
| bird        | Pochard                  | <i>Aythya ferina</i>                 | 67           | 28/10/2016  |
| bird        | Quail                    | <i>Coturnix coturnix</i>             | 55           | 12/06/2014  |
| bird        | Raven                    | <i>Corvus corax</i>                  | 193          | 14/02/2023  |
| bird        | Red Kite                 | <i>Milvus milvus</i>                 | 5            | 29/07/2020  |
| bird        | Red-breasted Merganser   | <i>Mergus serrator</i>               | 2            | 15/11/2001  |
| bird        | Red-legged Partridge     | <i>Alectoris rufa</i>                | 19           | 22/04/2012  |
| bird        | Red-necked Grebe         | <i>Podiceps grisegena</i>            | 2            | 00/01/1900  |
| bird        | Redpoll (Common\Lesser)  | <i>Acanthis flammea/cabaret</i>      | 32           | 01/05/2003  |

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| Taxon Group | Common Name          | Scientific Name                   | Record Count | Latest date |
|-------------|----------------------|-----------------------------------|--------------|-------------|
| bird        | Redshank             | <i>Tringa totanus</i>             | 26           | 16/03/2014  |
| bird        | Redstart             | <i>Phoenicurus phoenicurus</i>    | 11           | 16/07/2011  |
| bird        | Redwing              | <i>Turdus iliacus</i>             | 185          | 14/02/2023  |
| bird        | Reed Bunting         | <i>Emberiza schoeniclus</i>       | 343          | 29/05/2023  |
| bird        | Reed Warbler         | <i>Acrocephalus scirpaceus</i>    | 123          | 07/06/2014  |
| bird        | Ring Ouzel           | <i>Turdus torquatus</i>           | 11           | 21/04/2014  |
| bird        | Ring-billed Gull     | <i>Larus delawarensis</i>         | 1            | 17/01/2001  |
| bird        | Ringed Plover        | <i>Charadrius hiaticula</i>       | 121          | 07/05/2018  |
| bird        | Ring-necked Parakeet | <i>Psittacula krameri</i>         | 7            | 29/04/2023  |
| bird        | Robin                | <i>Erithacus rubecula</i>         | 269          | 29/04/2023  |
| bird        | Rock Dove            | <i>Columba livia</i>              | 93           | 28/02/2022  |
| bird        | Rook                 | <i>Corvus frugilegus</i>          | 175          | 01/06/2022  |
| bird        | Ruddy Duck           | <i>Oxyura jamaicensis</i>         | 62           | 01/01/2011  |
| bird        | Ruddy Shelduck       | <i>Tadorna ferruginea</i>         | 1            | 16/08/2008  |
| bird        | Ruff                 | <i>Calidris pugnax</i>            | 4            | 27/11/1998  |
| bird        | Sand Martin          | <i>Riparia riparia</i>            | 106          | 09/06/2018  |
| bird        | Sandwich Tern        | <i>Thalasseus sandvicensis</i>    | 1            | 04/10/1999  |
| bird        | Scaup                | <i>Aythya marila</i>              | 9            | 29/11/2012  |
| bird        | Sedge Warbler        | <i>Acrocephalus schoenobaenus</i> | 165          | 17/05/2016  |
| bird        | Shelduck             | <i>Tadorna tadorna</i>            | 14           | 12/10/2012  |
| bird        | Short-eared Owl      | <i>Asio flammeus</i>              | 21           | 07/03/2010  |
| bird        | Shoveler             | <i>Spatula clypeata</i>           | 297          | 16/04/2021  |
| bird        | Siskin               | <i>Spinus spinus</i>              | 52           | 28/02/2022  |
| bird        | Skylark              | <i>Alauda arvensis</i>            | 399          | 29/04/2023  |
| bird        | Slavonian Grebe      | <i>Podiceps auritus</i>           | 1            | 13/11/1998  |
| bird        | Snipe                | <i>Gallinago gallinago</i>        | 193          | 28/11/2021  |
| bird        | Song Thrush          | <i>Turdus philomelos</i>          | 196          | 29/04/2023  |
| bird        | Sparrowhawk          | <i>Accipiter nisus</i>            | 132          | 17/04/2022  |
| bird        | Spotted Flycatcher   | <i>Muscicapa striata</i>          | 20           | 24/07/2011  |
| bird        | Starling             | <i>Sturnus vulgaris</i>           | 232          | 02/01/2023  |
| bird        | Stock Dove           | <i>Columba oenas</i>              | 267          | 29/04/2023  |
| bird        | Stonechat            | <i>Saxicola rubicola</i>          | 121          | 14/02/2023  |
| bird        | Swallow              | <i>Hirundo rustica</i>            | 219          | 17/05/2020  |
| bird        | Swift                | <i>Apus apus</i>                  | 157          | 01/06/2022  |
| bird        | Tawny Owl            | <i>Strix aluco</i>                | 76           | 04/05/2022  |
| bird        | Teal                 | <i>Anas crecca</i>                | 376          | 21/04/2018  |
| bird        | Tree Pipit           | <i>Anthus trivialis</i>           | 5            | 02/09/2014  |
| bird        | Tree Sparrow         | <i>Passer montanus</i>            | 60           | 12/11/2017  |
| bird        | Treecreeper          | <i>Certhia familiaris</i>         | 64           | 14/02/2023  |
| bird        | Tufted Duck          | <i>Aythya fuligula</i>            | 258          | 19/04/2019  |
| bird        | Turnstone            | <i>Arenaria interpres</i>         | 3            | 26/09/2000  |
| bird        | Twite                | <i>Linaria flavirostris</i>       | 6            | 16/10/2006  |
| bird        | Water Pipit          | <i>Anthus spinoletta</i>          | 5            | 04/12/2000  |
| bird        | Water Rail           | <i>Rallus aquaticus</i>           | 141          | 28/11/2016  |
| bird        | Waxwing              | <i>Bombycilla garrulus</i>        | 4            | 17/11/2012  |
| bird        | Wheatear             | <i>Oenanthe oenanthe</i>          | 163          | 29/04/2023  |

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| Taxon Group     | Common Name                      | Scientific Name                                    | Record Count | Latest date |
|-----------------|----------------------------------|--|--------------|-------------|
| bird            | Whimbrel                         | <i>Numenius phaeopus</i>                           | 5            | 23/04/2014  |
| bird            | Whinchat                         | <i>Saxicola rubetra</i>                            | 45           | 28/04/2018  |
| bird            | White Wagtail                    | <i>Motacilla alba alba</i>                         | 9            | 02/05/2013  |
| bird            | Whitethroat                      | <i>Curruca communis</i>                            | 295          | 02/06/2022  |
| bird            | Whooper Swan                     | <i>Cygnus cygnus</i>                               | 8            | 29/09/2020  |
| bird            | Wigeon                           | <i>Mareca penelope</i>                             | 96           | 10/11/2013  |
| bird            | Willow Tit                       | <i>Poecile montanus</i>                            | 243          | 29/03/2022  |
| bird            | Willow Warbler                   | <i>Phylloscopus trochilus</i>                      | 200          | 18/05/2022  |
| bird            | Wood Sandpiper                   | <i>Tringa glareola</i>                             | 24           | 23/06/2011  |
| bird            | Wood Warbler                     | <i>Phylloscopus sibilatrix</i>                     | 5            | 02/05/2001  |
| bird            | Woodcock                         | <i>Scolopax rusticola</i>                          | 122          | 12/02/2023  |
| bird            | Woodlark                         | <i>Lullula arborea</i>                             | 2            | 28/04/2006  |
| bird            | Woodpigeon                       | <i>Columba palumbus</i>                            | 396          | 29/04/2023  |
| bird            | Wren                             | <i>Troglodytes troglodytes</i>                     | 271          | 29/04/2023  |
| bird            | Wryneck                          | <i>Jynx torquilla</i>                              | 4            | 17/10/2006  |
| bird            | Yellow Wagtail                   | <i>Motacilla flava</i>                             | 262          | 06/05/2021  |
| bird            |                                  | <i>Motacilla flava flavissima</i>                  | 77           | 17/04/2016  |
| bird            | Yellowhammer                     | <i>Emberiza citrinella</i>                         | 590          | 01/04/2023  |
| conifer         | Austrian Pine                    | <i>Pinus nigra</i>                                 | 3            | 03/02/1998  |
| conifer         | European Larch                   | <i>Larix decidua</i>                               | 1            | 02/05/1997  |
| conifer         | Larch                            | <i>Larix</i>                                       | 3            | 20/08/2015  |
| conifer         | Scots Pine                       | <i>Pinus sylvestris</i>                            | 5            | 10/10/2020  |
| conifer         | Yew                              | <i>Taxus baccata</i>                               | 1            | 02/05/1997  |
| crustacean      | Common Pygmy Woodlouse           | <i>Trichoniscus pusillus</i>                       | 1            | 02/05/2004  |
| crustacean      | Common Rough Woodlouse           | <i>Porcellio scaber</i>                            | 3            | 30/03/2021  |
| crustacean      | Common Shiny Woodlouse           | <i>Oniscus asellus</i>                             | 2            | 01/03/2020  |
| fern            | Bracken                          | <i>Pteridium aquilinum</i>                         | 35           | 31/08/2022  |
| fern            |                                  | <i>Pteridium aquilinum</i> subsp. <i>aquilinum</i> | 1            | 02/06/2022  |
| fern            | Broad Buckler-fern               | <i>Dryopteris dilatata</i>                         | 23           | 18/05/2022  |
| fern            | <i>Dryopteris filix-mas</i> agg. | <i>Dryopteris filix-mas</i> agg.                   | 1            | 24/01/1998  |
| fern            | Hard-fern                        | <i>Blechnum spicant</i>                            | 1            | 24/01/1998  |
| fern            | Hart's-tongue                    | <i>Phyllitis scolopendrium</i>                     | 4            | 27/05/2012  |
| fern            | Lady-fern                        | <i>Athyrium filix-femina</i>                       | 6            | 15/04/2012  |
| fern            | Male-fern                        | <i>Dryopteris filix-mas</i>                        | 21           | 02/06/2022  |
| fern            | Scaly Male-fern                  | <i>Dryopteris affinis</i>                          | 4            | 02/06/2022  |
| fern            | Wall-rue                         | <i>Asplenium ruta-muraria</i>                      | 1            | 07/07/2006  |
| flowering plant | Alder                            | <i>Alnus glutinosa</i>                             | 22           | 01/08/2017  |
| flowering plant | Alder Buckthorn                  | <i>Frangula alnus</i>                              | 4            | 25/07/2020  |
| flowering plant | American Willowherb              | <i>Epilobium ciliatum</i>                          | 2            | 20/08/2015  |
| flowering plant | Amphibious Bistort               | <i>Persicaria amphibia</i>                         | 3            | 16/09/2020  |
| flowering plant | Annual Meadow-grass              | <i>Poa annua</i>                                   | 9            | 31/08/2022  |
| flowering plant | Annual Wall-rocket               | <i>Diplotaxis muralis</i>                          | 1            | 27/06/2012  |
| flowering plant | Apple                            | <i>Malus</i>                                       | 4            | 02/06/2022  |
| flowering plant |                                  | <i>Malus pumila</i>                                | 2            | 27/06/2012  |

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| Taxon Group     | Common Name               | Scientific Name   | Record Count | Latest date |
|-----------------|---------------------------|---|--------------|-------------|
| flowering plant | Ash                       | <i>Fraxinus excelsior</i>   | 13           | 01/08/2017  |
| flowering plant | Aspen                     | <i>Populus tremula</i>  | 3            | 03/05/2007  |
| flowering plant | Austrian Yellow-cress     | <i>Rorippa austriaca</i>  | 1            | 15/04/2012  |
| flowering plant | Barren Brome              | <i>Bromus sterilis</i>  | 4            | 05/07/2007  |
| flowering plant | Beaked Hawk's-beard       | <i>Crepis vesicaria</i>   | 1            | 27/06/2012  |
| flowering plant | Bearded Couch             | <i>Elymus caninus</i>   | 1            | 14/01/1998  |
| flowering plant | Beech                     | <i>Fagus sylvatica</i>  | 12           | 07/05/2014  |
| flowering plant | Bifid Hemp-nettle         | <i>Galeopsis bifida</i>   | 1            | 25/06/2009  |
| flowering plant | Bindweed                  | <i>Calystegia</i>   | 1            | 01/08/2017  |
| flowering plant | Birch                     | <i>Betula</i>   | 13           | 31/08/2022  |
| flowering plant | Bird Cherry               | <i>Prunus padus</i>   | 2            | 03/05/2020  |
| flowering plant | Bitter-Cress              | <i>Cardamine</i>  | 1            | 15/04/2012  |
| flowering plant | Bittersweet               | <i>Solanum dulcamara</i>  | 8            | 26/07/2016  |
| flowering plant | Black Bent                | <i>Agrostis gigantea</i>  | 1            | 30/07/1996  |
| flowering plant | Black Bryony              | <i>Dioscorea communis</i>   | 1            | 27/06/2012  |
| flowering plant | Black Medick              | <i>Medicago lupulina</i>  | 1            | 03/05/2007  |
| flowering plant | Black Nightshade          | <i>Solanum nigrum</i>   | 1            | 13/08/2022  |
| flowering plant | Black-bindweed            | <i>Fallopia convolvulus</i>   | 1            | 30/07/1996  |
| flowering plant | Black-poplar              | <i>Populus nigra</i>  | 1            | 27/06/2012  |
| flowering plant | Blackthorn                | <i>Prunus spinosa</i>   | 7            | 24/03/2022  |
| flowering plant | Bluebell                  | <i>Hyacinthoides non-scripta</i>  | 23           | 30/05/2019  |
| flowering plant |                           | <i>Hyacinthoides non-scripta</i> x <i>hispanica</i> = <i>H. x massartiana</i> | 5            | 03/05/2009  |
| flowering plant | Bog Stitchwort            | <i>Stellaria alsine</i>   | 2            | 06/05/2010  |
| flowering plant | Boreau's Ramping-fumitory | <i>Fumaria muralis</i> subsp. <i>boraei</i>                                   | 1            | 03/05/2007  |
| flowering plant | Box                       | <i>Buxus sempervirens</i>   | 1            | 27/06/2012  |
| flowering plant | Bramble                   | <i>Rubus</i>  | 1            | 07/05/2014  |
| flowering plant |                           | <i>Rubus fruticosus</i> agg.  | 39           | 31/08/2022  |
| flowering plant | Broad-leaved Dock         | <i>Rumex obtusifolius</i>   | 18           | 31/08/2022  |
| flowering plant | Broad-leaved Helleborine  | <i>Epipactis helleborine</i>  | 2            | 31/08/2022  |
| flowering plant | Broad-leaved Pondweed     | <i>Potamogeton natans</i>   | 1            | 01/08/2017  |
| flowering plant | Broad-leaved Willowherb   | <i>Epilobium montanum</i>   | 7            | 27/05/2012  |
| flowering plant | Brooklime                 | <i>Veronica beccabunga</i>  | 1            | 01/08/2017  |
| flowering plant | Broom                     | <i>Cytisus scoparius</i>  | 5            | 17/05/2020  |
| flowering plant | Buckthorn                 | <i>Rhamnus cathartica</i>   | 1            | 07/07/2007  |
| flowering plant | Bullace                   | <i>Prunus domestica</i> subsp. <i>insititia</i>                               | 2            | 31/07/2022  |
| flowering plant | Bulrush                   | <i>Typha latifolia</i>  | 7            | 31/08/2022  |
| flowering plant | Burdock                   | <i>Arctium</i>  | 2            | 02/06/2022  |
| flowering plant | Bush Vetch                | <i>Vicia sepium</i>   | 3            | 17/05/2020  |
| flowering plant | Butterbur                 | <i>Petasites hybridus</i>   | 5            | 31/07/2022  |
| flowering plant | Buttercup                 | <i>Ranunculus</i>   | 1            | 01/08/2017  |
| flowering plant | Butterfly-bush            | <i>Buddleja davidii</i>   | 2            | 16/09/2020  |
| flowering plant | Canadian Goldenrod        | <i>Solidago canadensis</i>  | 3            | 27/06/2012  |
| flowering plant | Cat's-ear                 | <i>Hypochaeris radicata</i>   | 2            | 07/07/2006  |
| flowering plant | Celery-leaved Buttercup   | <i>Ranunculus sceleratus</i>  | 2            | 16/09/2020  |
| flowering plant | Charlock                  | <i>Sinapis arvensis</i>   | 1            | 27/06/2012  |

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| Taxon Group     | Common Name                | Scientific Name                                 | Record Count | Latest date |
|-----------------|----------------------------|---|--------------|-------------|
| flowering plant | Cherry                     | Prunus  | 1            | 07/05/2014  |
| flowering plant | Cleavers                   | Galium aparine                                  | 35           | 02/06/2022  |
| flowering plant | Climbing Corydalis         | Ceratocarpus claviculata                        | 3            | 02/06/2021  |
| flowering plant | Cock's-foot                | Dactylis glomerata                              | 16           | 31/08/2022  |
| flowering plant | Coltsfoot                  | Tussilago farfara                               | 4            | 24/03/2022  |
| flowering plant | Columbine                  | Aquilegia vulgaris                              | 1            | 30/03/1997  |
| flowering plant | Comfrey                    | Symphytum officinale x asperum x tuberosum      | 4            | 31/08/2022  |
| flowering plant | Common Bent                | Agrostis capillaris                             | 2            | 07/07/2006  |
| flowering plant | Common Bird's-foot-trefoil | Lotus corniculatus                              | 4            | 16/09/2020  |
| flowering plant | Common Bistort             | Persicaria bistorta                             | 1            | 07/07/2006  |
| flowering plant | Common Centaury            | Centaurium erythraea                            | 2            | 28/07/2014  |
| flowering plant | Common Chickweed           | Stellaria media                                 | 7            | 31/08/2022  |
| flowering plant | Common Comfrey             | Symphytum officinale                            | 3            | 17/05/2020  |
| flowering plant | Common Cottongrass         | Eriophorum angustifolium                        | 1            | 10/10/2020  |
| flowering plant | Common Couch               | Elytrigia repens                                | 4            | 27/06/2012  |
| flowering plant | Common Dog-violet          | Viola riviniana                                 | 3            | 15/04/2012  |
| flowering plant | Common Duckweed            | Lemna minor                                     | 7            | 10/10/2020  |
| flowering plant | Common Evening-primrose    | Oenothera biennis                               | 3            | 16/09/2020  |
| flowering plant | Common Eyebright           | Euphrasia nemorosa                              | 1            | 28/07/2014  |
| flowering plant | Common Field-speedwell     | Veronica persica                                | 2            | 24/01/1998  |
| flowering plant | Common Figwort             | Scrophularia nodosa                             | 4            | 27/05/2012  |
| flowering plant | Common Fleabane            | Pulicaria dysenterica                           | 1            | 16/09/2020  |
| flowering plant | Common Ivy                 | Hedera helix subsp. helix                       | 5            | 21/05/2009  |
| flowering plant | Common Knapweed            | Centaurea nigra sens. lat. (=nigra/debauxii)    | 4            | 16/09/2020  |
| flowering plant | Common Meadow-rue          | Thalictrum flavum                               | 1            | 27/06/2012  |
| flowering plant | Common Michaelmas-daisy    | Aster novi-belgii x lanceolatus = A. x salignus | 1            | 24/01/1998  |
| flowering plant | Common Mouse-ear           | Cerastium fontanum                              | 8            | 17/05/2020  |
| flowering plant | Common Nettle              | Urtica dioica                                   | 46           | 31/08/2022  |
| flowering plant | Common Orache              | Atriplex patula                                 | 1            | 31/08/2022  |
| flowering plant | Common Poppy               | Papaver rhoeas                                  | 1            | 27/06/2012  |
| flowering plant | Common Ragwort             | Jacobaea vulgaris                               | 10           | 31/08/2022  |
| flowering plant | Common Ramping-fumitory    | Fumaria muralis                                 | 4            | 31/08/2022  |
| flowering plant | Common Reed                | Phragmites australis                            | 3            | 03/05/2009  |
| flowering plant | Common Sallow              | Salix cinerea                                   | 10           | 01/08/2017  |
| flowering plant | Common Sorrel              | Rumex acetosa                                   | 2            | 29/08/2015  |
| flowering plant | Common Stork's-bill        | Erodium cicutarium                              | 1            | 30/03/1997  |
| flowering plant | Common Toadflax            | Linaria vulgaris                                | 2            | 27/06/2012  |
| flowering plant | Common Valerian            | Valeriana officinalis                           | 3            | 26/07/2016  |
| flowering plant | Common Vetch               | Vicia sativa                                    | 6            | 02/06/2022  |
| flowering plant |                            | Vicia sativa subsp. segetalis                   | 2            | 31/08/2022  |
| flowering plant | Common Water-crowfoot      | Ranunculus aquatilis                            | 1            | 27/05/2012  |
| flowering plant | Common Water-starwort      | Callitriche stagnalis                           | 4            | 10/10/2020  |
| flowering plant | Common Whitebeam           | Sorbus aria agg.                                | 1            | 16/09/2020  |

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| Taxon Group     | Common Name              | Scientific Name                                  | Record Count | Latest date |
|-----------------|--------------------------|--|--------------|-------------|
| flowering plant | Convolvulaceae           | Convolvulaceae                                   | 1            | 06/05/2010  |
| flowering plant | Cotoneaster              | Cotoneaster                                      | 1            | 31/08/2022  |
| flowering plant | Cow Parsley              | Anthriscus sylvestris                            | 25           | 31/08/2022  |
| flowering plant | Cowslip                  | Primula veris                                    | 1            | 28/03/2022  |
| flowering plant | Crab Apple               | Malus sylvestris                                 | 7            | 27/04/2014  |
| flowering plant | Crack-willow             | Salix euxina x alba = S. x fragilis              | 18           | 18/05/2022  |
| flowering plant | Creeping Bent            | Agrostis stolonifera                             | 1            | 26/07/2016  |
| flowering plant | Creeping Buttercup       | Ranunculus repens                                | 22           | 31/08/2022  |
| flowering plant | Creeping Cinquefoil      | Potentilla reptans                               | 1            | 16/09/2020  |
| flowering plant | Creeping Soft-grass      | Holcus mollis                                    | 16           | 26/07/2016  |
| flowering plant | Creeping Thistle         | Cirsium arvense                                  | 15           | 31/08/2022  |
| flowering plant | Creeping-Jenny           | Lysimachia nummularia                            | 1            | 30/05/2019  |
| flowering plant | Crested Dog's-tail       | Cynosurus cristatus                              | 1            | 26/04/2020  |
| flowering plant | Cuckooflower             | Cardamine pratensis                              | 2            | 14/05/2016  |
| flowering plant | Currant                  | Ribes  | 2            | 29/05/2015  |
| flowering plant | Cut-leaved Crane's-bill  | Geranium dissectum                               | 7            | 05/07/2007  |
| flowering plant | Cut-leaved Dead-nettle   | Lamium hybridum                                  | 1            | 14/01/1998  |
| flowering plant | Cut-leaved Teasel        | Dipsacus laciniatus                              | 4            | 28/07/2014  |
| flowering plant | Cyperus Sedge            | Carex pseudocyperus                              | 1            | 10/05/1998  |
| flowering plant | Daffodil                 | Narcissus pseudonarcissus subsp. pseudonarcissus | 1            | 18/03/2012  |
| flowering plant | daffodils                | Narcissus  | 3            | 15/04/2012  |
| flowering plant | Daisy                    | Bellis perennis                                  | 10           | 17/05/2020  |
| flowering plant | Dandelion                | Taraxacum  | 13           | 02/06/2022  |
| flowering plant |                          | Taraxacum officinale agg.                        | 13           | 31/08/2022  |
| flowering plant | Danish Scurvygrass       | Cochlearia danica                                | 2            | 03/05/2007  |
| flowering plant | Dock                     | Rumex  | 1            | 10/05/1996  |
| flowering plant | Dog-rose                 | Rosa canina                                      | 1            | 10/05/1998  |
| flowering plant | Dog's Mercury            | Mercurialis perennis                             | 17           | 02/06/2022  |
| flowering plant | Dogwood                  | Cornus sanguinea                                 | 5            | 25/07/2020  |
| flowering plant | Dove's-foot Crane's-bill | Geranium molle                                   | 4            | 14/05/2016  |
| flowering plant | Downy Birch              | Betula pubescens                                 | 12           | 26/07/2016  |
| flowering plant | Dropwort                 | Filipendula vulgaris                             | 1            | 27/06/2012  |
| flowering plant | Elder                    | Sambucus nigra                                   | 42           | 31/08/2022  |
| flowering plant | Elm                      | Ulmus  | 2            | 16/05/2021  |
| flowering plant | Enchanter's-nightshade   | Circaea lutetiana                                | 1            | 10/05/2007  |
| flowering plant | English Elm              | Ulmus procera                                    | 1            | 06/05/2010  |
| flowering plant | Erophila verna           | Erophila verna                                   | 1            | 30/03/1997  |
| flowering plant | False Oat-grass          | Arrhenatherum elatius                            | 10           | 27/05/2012  |
| flowering plant | False-acacia             | Robinia pseudoacacia                             | 1            | 03/05/2007  |
| flowering plant | False-brome              | Brachypodium sylvaticum                          | 5            | 14/10/2011  |
| flowering plant | Fennel Pondweed          | Potamogeton pectinatus                           | 1            | 07/07/2006  |
| flowering plant | Fescue                   | Festuca  | 1            | 16/09/2020  |
| flowering plant | Feverfew                 | Tanacetum parthenium                             | 1            | 14/01/1998  |
| flowering plant | Field Bindweed           | Convolvulus arvensis                             | 1            | 17/07/2020  |
| flowering plant | Field Maple              | Acer campestre                                   | 5            | 07/05/2014  |
| flowering plant | Field Pansy              | Viola arvensis                                   | 5            | 31/08/2022  |

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| Taxon Group     | Common Name           | Scientific Name                  | Record Count | Latest date |
|-----------------|-----------------------|----------------------------------|--------------|-------------|
| flowering plant | Field Wood-rush       | <i>Luzula campestris</i>         | 2            | 30/03/1997  |
| flowering plant | Field-rose            | <i>Rosa arvensis</i>             | 1            | 24/01/1998  |
| flowering plant | Figwort               | <i>Scrophularia</i>              | 1            | 26/07/2016  |
| flowering plant | Floating Sweet-grass  | <i>Glyceria fluitans</i>         | 3            | 26/07/2016  |
| flowering plant | Flowering Currant     | <i>Ribes sanguineum</i>          | 1            | 24/03/2022  |
| flowering plant | Fool's Parsley        | <i>Aethusa cynapium</i>          | 1            | 24/01/1998  |
| flowering plant | Forget-Me-Not         | <i>Myosotis</i>                  | 2            | 02/06/2022  |
| flowering plant | Fox-and-cubs          | <i>Pilosella aurantiaca</i>      | 1            | 27/06/2012  |
| flowering plant | Foxglove              | <i>Digitalis purpurea</i>        | 23           | 31/08/2022  |
| flowering plant | Garden Lady's-mantle  | <i>Alchemilla mollis</i>         | 1            | 28/05/2007  |
| flowering plant | Garden Privet         | <i>Ligustrum ovalifolium</i>     | 2            | 03/05/2007  |
| flowering plant | Garlic Mustard        | <i>Alliaria petiolata</i>        | 22           | 31/08/2022  |
| flowering plant | Germander Speedwell   | <i>Veronica chamaedrys</i>       | 3            | 31/08/2022  |
| flowering plant | Giant Blackberry      | <i>Rubus armeniacus</i>          | 3            | 27/06/2012  |
| flowering plant | Giant Fescue          | <i>Festuca gigantea</i>          | 5            | 07/05/2014  |
| flowering plant | Giant Hogweed         | <i>Heracleum mantegazzianum</i>  | 2            | 26/04/2020  |
| flowering plant | Glaucous Sedge        | <i>Carex flacca</i>              | 1            | 05/07/2007  |
| flowering plant | Goat Willow           | <i>Salix caprea</i>              | 17           | 31/08/2022  |
| flowering plant | Goldenrod             | <i>Solidago virgaurea</i>        | 1            | 27/06/2012  |
| flowering plant | Gorse                 | <i>Ulex europaeus</i>            | 5            | 16/09/2020  |
| flowering plant | Grape-hyacinth        | <i>Muscari neglectum</i>         | 1            | 15/04/2012  |
| flowering plant | Great Mullein         | <i>Verbascum thapsus</i>         | 2            | 28/07/2014  |
| flowering plant | Great Willowherb      | <i>Epilobium hirsutum</i>        | 13           | 31/08/2022  |
| flowering plant | Great Yellow-cress    | <i>Rorippa amphibia</i>          | 1            | 15/06/2013  |
| flowering plant | Greater Celandine     | <i>Chelidonium majus</i>         | 2            | 15/04/2012  |
| flowering plant | Greater Plantain      | <i>Plantago major</i>            | 11           | 31/08/2022  |
| flowering plant | Greater Stitchwort    | <i>Stellaria holostea</i>        | 12           | 17/05/2020  |
| flowering plant | Greater Tussock-sedge | <i>Carex paniculata</i>          | 2            | 06/05/2010  |
| flowering plant | Green Alkanet         | <i>Pentaglottis sempervirens</i> | 8            | 17/05/2020  |
| flowering plant | Grey Alder            | <i>Alnus incana</i>              | 1            | 27/05/2012  |
| flowering plant | Ground-elder          | <i>Aegopodium podagraria</i>     | 16           | 31/08/2022  |
| flowering plant | Ground-ivy            | <i>Glechoma hederacea</i>        | 7            | 15/04/2012  |
| flowering plant | Groundsel             | <i>Senecio vulgaris</i>          | 8            | 19/04/2019  |
| flowering plant | Guelder-rose          | <i>Viburnum opulus</i>           | 10           | 07/06/2021  |
| flowering plant | Gypsywort             | <i>Lycopus europaeus</i>         | 1            | 16/09/2020  |
| flowering plant | Hairy Bitter-cress    | <i>Cardamine hirsuta</i>         | 4            | 14/05/2016  |
| flowering plant | Hairy Sedge           | <i>Carex hirta</i>               | 2            | 16/09/2020  |
| flowering plant | Hairy Tare            | <i>Vicia hirsuta</i>             | 3            | 17/08/2015  |
| flowering plant | Hard Rush             | <i>Juncus inflexus</i>           | 3            | 16/09/2020  |
| flowering plant | Hawkweed Oxtongue     | <i>Picris hieracioides</i>       | 1            | 28/07/2014  |
| flowering plant | Hawthorn              | <i>Crataegus monogyna</i>        | 43           | 31/08/2022  |
| flowering plant | Hazel                 | <i>Corylus</i>                   | 2            | 16/09/2020  |
| flowering plant |                       | <i>Corylus avellana</i>          | 25           | 31/08/2022  |
| flowering plant | Heather               | <i>Calluna vulgaris</i>          | 4            | 10/10/2020  |
| flowering plant | Hedge Bedstraw        | <i>Galium mollugo</i>            | 1            | 16/09/2020  |
| flowering plant | Hedge Bindweed        | <i>Calystegia sepium</i>         | 4            | 31/08/2022  |

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| Taxon Group     | Common Name                              | Scientific Name   | Record Count | Latest date |
|-----------------|--|---|--------------|-------------|
| flowering plant | Hedge Mustard                            | <i>Sisymbrium officinale</i>                                      | 6            | 19/04/2019  |
| flowering plant | Hedge Woundwort                          | <i>Stachys sylvatica</i>  | 20           | 31/08/2022  |
| flowering plant | Hedgerow Crane's-bill                    | <i>Geranium pyrenaicum</i>  | 2            | 02/06/2022  |
| flowering plant | Hemlock Water-dropwort                   | <i>Oenanthe crocata</i>   | 1            | 03/05/2007  |
| flowering plant | Henbit Dead-nettle                       | <i>Lamium amplexicaule</i>  | 1            | 24/01/1998  |
| flowering plant | Herb-Robert                              | <i>Geranium robertianum</i>                                       | 23           | 31/08/2022  |
| flowering plant | Himalayan Balsam                         | <i>Impatiens glandulifera</i>                                     | 38           | 31/08/2022  |
| flowering plant | Hoary Willowherb                         | <i>Epilobium parviflorum</i>                                      | 1            | 27/06/2012  |
| flowering plant | Hogweed                                  | <i>Heracleum sphondylium</i>                                      | 37           | 31/08/2022  |
| flowering plant | Holly                                    | <i>Ilex aquifolium</i>  | 27           | 17/05/2020  |
| flowering plant | Honesty                                  | <i>Lunaria annua</i>  | 2            | 02/04/2021  |
| flowering plant | Honeysuckle                              | <i>Lonicera periclymenum</i>                                      | 4            | 06/05/2010  |
| flowering plant | Hop                                      | <i>Humulus lupulus</i>  | 1            | 07/07/2006  |
| flowering plant | Hop Trefoil                              | <i>Trifolium campestre</i>  | 1            | 18/06/1996  |
| flowering plant | Hornbeam                                 | <i>Carpinus betulus</i>   | 2            | 27/05/2012  |
| flowering plant | Horse-chestnut                           | <i>Aesculus hippocastanum</i>                                     | 2            | 07/07/2006  |
| flowering plant | Hyacinthoides                            | <i>Hyacinthoides</i>  | 1            | 06/05/2010  |
| flowering plant | Hybrid Birch                             | <i>Betula pendula</i> x <i>pubescens</i> = <i>B. x aurata</i>     | 1            | 10/10/2020  |
| flowering plant | Hybrid Black-poplar                      | <i>Populus nigra</i> x <i>deltoides</i> = <i>P. x canadensis</i>  | 1            | 14/01/1998  |
| flowering plant | Hybrid Oak                               | <i>Quercus petraea</i> x <i>robur</i> = <i>Q. x rosacea</i>       | 1            | 03/05/2007  |
| flowering plant | Indet. Comfrey                           | <i>Symphytum</i>  | 1            | 06/05/2010  |
| flowering plant | Ivy                                      | <i>Hedera helix</i>   | 12           | 30/05/2019  |
| flowering plant | Ivy-leaved Speedwell                     | <i>Veronica hederifolia</i>                                       | 4            | 19/04/2019  |
| flowering plant | Jacob's-ladder                           | <i>Polemonium caeruleum</i>                                       | 1            | 07/07/2006  |
| flowering plant | Japanese Angelica-tree                   | <i>Aralia elata</i>   | 1            | 04/09/2008  |
| flowering plant | Japanese Cowslip                         | <i>Primula japonica</i>   | 1            | 02/05/2004  |
| flowering plant | Japanese Knotweed                        | <i>Fallopia japonica</i>  | 9            | 28/12/2014  |
| flowering plant | Jointed Rush                             | <i>Juncus articulatus</i>   | 1            | 30/07/1996  |
| flowering plant | Juneberry                                | <i>Amelanchier lamarckii</i>                                      | 1            | 27/05/2012  |
| flowering plant | Lady's Bedstraw                          | <i>Galium verum</i>   | 2            | 16/09/2020  |
| flowering plant | Lamiastrum galeobdolon subsp. argentatum | <i>Lamiastrum galeobdolon</i> subsp. <i>argentatum</i>            | 3            | 14/05/2016  |
| flowering plant | Large Bindweed                           | <i>Calystegia silvatica</i>                                       | 1            | 20/08/2015  |
| flowering plant | Large Bitter-cress                       | <i>Cardamine amara</i>  | 1            | 29/05/2015  |
| flowering plant | Large-flowered Hemp-nettle               | <i>Galeopsis speciosa</i>   | 2            | 24/06/2022  |
| flowering plant | Lavender                                 | <i>Lavandula</i>  | 1            | 13/06/2022  |
| flowering plant | Lesser Bulrush                           | <i>Typha angustifolia</i>   | 1            | 27/06/2012  |
| flowering plant | Lesser Burdock                           | <i>Arctium minus</i>  | 7            | 31/08/2022  |
| flowering plant | Lesser Celandine                         | <i>Ficaria verna</i>  | 19           | 01/03/2020  |
| flowering plant | Lesser Periwinkle                        | <i>Vinca minor</i>  | 2            | 23/05/2013  |
| flowering plant | Lesser Stitchwort                        | <i>Stellaria graminea</i>   | 2            | 22/05/1996  |
| flowering plant | Lesser Trefoil                           | <i>Trifolium dubium</i>   | 5            | 02/06/2022  |
| flowering plant | Lilac                                    | <i>Syringa vulgaris</i>   | 1            | 27/06/2012  |
| flowering plant | Lime                                     | <i>Tilia platyphyllos</i> x <i>cordata</i> = <i>T. x europaea</i> | 2            | 03/05/2007  |

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| Taxon Group     | Common Name                     | Scientific Name                 | Record Count | Latest date |
|-----------------|---------------------------------|---------------------------------|--------------|-------------|
| flowering plant | Linden                          | Tilia                           | 1            | 26/07/2016  |
| flowering plant | Long Smooth-headed Poppy        | Papaver dubium                  | 1            | 30/07/1996  |
| flowering plant | Lords-and-Ladies                | Arum maculatum                  | 5            | 07/05/2014  |
| flowering plant | Lucerne                         | Medicago sativa subsp. sativa   | 1            | 27/06/2012  |
| flowering plant | Malus sylvestris                | Malus sylvestris                | 1            | 03/05/2009  |
| flowering plant | Mare's-tail                     | Hippuris vulgaris               | 1            | 02/06/2022  |
| flowering plant | Marsh-bedstraw                  | Galium palustre                 | 1            | 10/05/1998  |
| flowering plant | Marsh-marigold                  | Caltha palustris                | 8            | 27/04/2014  |
| flowering plant | Meadow Buttercup                | Ranunculus acris                | 8            | 02/06/2022  |
| flowering plant | Meadow Crane's-bill             | Geranium pratense               | 2            | 05/07/2022  |
| flowering plant | Meadow Foxtail                  | Alopecurus pratensis            | 6            | 26/04/2020  |
| flowering plant | Meadow Vetchling                | Lathyrus pratensis              | 2            | 16/09/2020  |
| flowering plant | Meadowsweet                     | Filipendula ulmaria             | 3            | 01/08/2017  |
| flowering plant | Mouse-ear-hawkweed              | Pilosella officinarum           | 1            | 15/04/2012  |
| flowering plant | Mugwort                         | Artemisia vulgaris              | 8            | 31/08/2022  |
| flowering plant | Musk-mallow                     | Malva moschata                  | 1            | 05/07/2007  |
| flowering plant | Nipplewort                      | Lapsana communis                | 4            | 03/05/2007  |
| flowering plant | Norway Maple                    | Acer platanoides                | 1            | 03/05/2007  |
| flowering plant | Oak                             | Quercus                         | 8            | 31/08/2022  |
| flowering plant | Opium Poppy                     | Papaver somniferum              | 2            | 27/06/2012  |
| flowering plant | Osier                           | Salix viminalis                 | 1            | 27/05/2012  |
| flowering plant | Oxeye Daisy                     | Leucanthemum vulgare            | 2            | 16/09/2020  |
| flowering plant | Pale Flax                       | Linum bienne                    | 1            | 28/07/2014  |
| flowering plant | Pale Persicaria                 | Persicaria lapathifolia         | 1            | 27/06/2012  |
| flowering plant | Pedunculate Oak                 | Quercus robur                   | 25           | 26/07/2016  |
| flowering plant | Pendulous Sedge                 | Carex pendula                   | 9            | 16/09/2020  |
| flowering plant | Perennial Cornflower            | Centaurea montana               | 1            | 27/06/2012  |
| flowering plant | Perennial Rye-grass             | Lolium perenne                  | 5            | 31/08/2022  |
| flowering plant | Perennial Sow-thistle           | Sonchus arvensis                | 1            | 30/07/1996  |
| flowering plant | Perforate St John's-wort        | Hypericum perforatum            | 2            | 14/01/1998  |
| flowering plant | Petty Spurge                    | Euphorbia peplus                | 3            | 27/06/2012  |
| flowering plant | Pignut                          | Conopodium majus                | 10           | 17/05/2020  |
| flowering plant | Pineappleweed                   | Matricaria discoidea            | 1            | 07/07/2006  |
| flowering plant | Ploughman's-spikenard           | Inula conyzae                   | 1            | 28/07/2014  |
| flowering plant | Poplar                          | Populus                         | 1            | 10/05/1996  |
| flowering plant | Populus x canadensis 'Serotina' | Populus x canadensis 'Serotina' | 3            | 27/05/2012  |
| flowering plant | Potato                          | Solanum tuberosum               | 1            | 27/04/2014  |
| flowering plant | Prickly Lettuce                 | Lactuca serriola                | 1            | 27/06/2012  |
| flowering plant | Prickly Sow-thistle             | Sonchus asper                   | 6            | 31/08/2022  |
| flowering plant | Primrose                        | Primula vulgaris                | 4            | 26/04/2020  |
| flowering plant | Privet                          | Ligustrum                       | 2            | 31/08/2022  |
| flowering plant | Procumbent Pearlwort            | Sagina procumbens               | 4            | 03/05/2007  |
| flowering plant | Purple Moor-grass               | Molinia caerulea                | 2            | 20/08/2015  |
| flowering plant | Purple Toadflax                 | Linaria purpurea                | 1            | 27/06/2012  |
| flowering plant | Pyrenean Lily                   | Lilium pyrenaicum               | 1            | 27/06/2012  |

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| Taxon Group     | Common Name           | Scientific Name                                     | Record Count | Latest date |
|-----------------|-----------------------|---|--------------|-------------|
| flowering plant | Pyrus communis        | Pyrus communis                                      | 2            | 31/08/2022  |
| flowering plant | Radish                | Raphanus raphanistrum                               | 1            | 27/06/2012  |
| flowering plant | Ramsons               | Allium ursinum                                      | 20           | 20/04/2022  |
| flowering plant | Rape                  | Brassica napus                                      | 1            | 17/05/2020  |
| flowering plant | Raspberry             | Rubus idaeus  | 11           | 26/07/2016  |
| flowering plant | Red Bartsia           | Odontites vernus                                    | 2            | 01/08/2017  |
| flowering plant | Red Champion          | Silene dioica                                       | 42           | 02/06/2022  |
| flowering plant | Red Clover            | Trifolium pratense                                  | 6            | 05/07/2022  |
| flowering plant | Red Currant           | Ribes rubrum  | 1            | 10/05/1998  |
| flowering plant | Red Dead-nettle       | Lamium purpureum                                    | 10           | 17/05/2020  |
| flowering plant | Red Fescue            | Festuca rubra                                       | 7            | 15/04/2012  |
| flowering plant | Reed Canary-grass     | Phalaris arundinacea                                | 14           | 16/09/2020  |
| flowering plant | Remote Sedge          | Carex remota  | 18           | 16/09/2020  |
| flowering plant | Rhododendron ponticum | Rhododendron ponticum                               | 8            | 31/08/2022  |
| flowering plant | Rhododenron           | Rhododendron  | 1            | 17/05/2020  |
| flowering plant | Ribwort Plantain      | Plantago lanceolata                                 | 19           | 31/08/2022  |
| flowering plant | River Water-crowfoot  | Ranunculus fluitans                                 | 3            | 03/05/2009  |
| flowering plant | Rosa canina agg.      | Rosa canina agg.                                    | 2            | 02/05/2004  |
| flowering plant | Rose                  | Rosa  | 5            | 30/05/2019  |
| flowering plant | Rosebay Willowherb    | Chamerion angustifolium                             | 27           | 31/08/2022  |
| flowering plant | Rough Hawkbit         | Leontodon hispidus                                  | 1            | 02/06/2022  |
| flowering plant | Rough Hawk's-beard    | Crepis biennis                                      | 1            | 05/07/2007  |
| flowering plant | Rough Meadow-grass    | Poa trivialis                                       | 9            | 18/05/2022  |
| flowering plant | Rowan                 | Sorbus aucuparia                                    | 31           | 10/10/2020  |
| flowering plant | Rubus bartonii        | Rubus bartonii                                      | 3            | 24/01/1998  |
| flowering plant | Rubus criniger        | Rubus criniger                                      | 2            | 24/01/1998  |
| flowering plant | Rubus dasyphyllus     | Rubus dasyphyllus                                   | 4            | 24/01/1998  |
| flowering plant | Rubus distractiformis | Rubus distractiformis                               | 5            | 24/01/1998  |
| flowering plant | Rubus gratus          | Rubus gratus  | 2            | 24/01/1998  |
| flowering plant | Rubus intensor        | Rubus intensor                                      | 1            | 25/11/1999  |
| flowering plant | Rubus lindleianus     | Rubus lindleianus                                   | 5            | 24/01/1998  |
| flowering plant | Rubus nemoralis       | Rubus nemoralis                                     | 2            | 24/01/1998  |
| flowering plant | Rubus painteri        | Rubus painteri                                      | 3            | 24/01/1998  |
| flowering plant | Rubus robiae          | Rubus robiae  | 2            | 24/01/1998  |
| flowering plant | Rubus sprengelii      | Rubus sprengelii                                    | 3            | 24/01/1998  |
| flowering plant | Rubus tuberculatus    | Rubus tuberculatus                                  | 3            | 24/01/1998  |
| flowering plant | Rubus warrenii        | Rubus warrenii                                      | 2            | 14/01/1998  |
| flowering plant | Russian Comfrey       | Symphytum officinale x asperum<br>= S. x uplandicum | 11           | 02/06/2022  |
| flowering plant | Russian Mustard       | Sisymbrium volgense                                 | 1            | 03/07/2007  |
| flowering plant | Rusty Willow          | Salix cinerea subsp. oleifolia                      | 1            | 03/05/2007  |
| flowering plant | Scarlet Pimpernel     | Anagallis arvensis                                  | 1            | 29/08/2013  |
| flowering plant | Scentless Mayweed     | Tripleurospermum inodorum                           | 2            | 07/07/2006  |
| flowering plant | Scorpion Weed         | Phacelia tanacetifolia                              | 1            | 27/06/2012  |
| flowering plant | Sea Mayweed           | Tripleurospermum maritimum                          | 1            | 18/06/1996  |
| flowering plant | Sedge                 | Carex   | 1            | 26/07/2016  |
| flowering plant | Selfheal              | Prunella vulgaris                                   | 2            | 16/09/2020  |

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| Taxon Group     | Common Name                 | Scientific Name                        | Record Count | Latest date |
|-----------------|-----------------------------|--|--------------|-------------|
| flowering plant | Sessile Oak                 | Quercus petraea                        | 1            | 02/05/1997  |
| flowering plant | Shaggy Soldier              | Galinsoga quadriradiata                | 1            | 30/07/1996  |
| flowering plant | Sheep's Sorrel              | Rumex acetosella                       | 2            | 30/03/1997  |
| flowering plant | Shepherd's-purse            | Capsella bursa-pastoris                | 8            | 31/08/2022  |
| flowering plant | Shining Crane's-bill        | Geranium lucidum                       | 3            | 27/06/2012  |
| flowering plant | Silver Birch                | Betula pendula                         | 17           | 31/08/2022  |
| flowering plant | Silver Hair-grass           | Aira caryophyllea                      | 1            | 27/06/2012  |
| flowering plant | Silverweed                  | Potentilla anserina                    | 4            | 30/05/2019  |
| flowering plant | Skullcap                    | Scutellaria galericulata               | 1            | 26/07/2016  |
| flowering plant | Slender Trefoil             | Trifolium micranthum                   | 1            | 03/05/2007  |
| flowering plant | Small-flowered Crane's-bill | Geranium pusillum                      | 1            | 27/06/2012  |
| flowering plant | Smooth Meadow-grass         | Poa pratensis                          | 1            | 21/05/2009  |
| flowering plant | Smooth Rupturewort          | Herniaria glabra                       | 1            | 31/08/2022  |
| flowering plant | Smooth Sow-thistle          | Sonchus oleraceus                      | 3            | 07/07/2006  |
| flowering plant | Smooth Tare                 | Vicia tetrasperma                      | 1            | 05/07/2007  |
| flowering plant | Soft-brome                  | Bromus hordeaceus                      | 2            | 07/07/2006  |
| flowering plant | Soft-rush                   | Juncus effusus                         | 21           | 18/05/2022  |
| flowering plant | Southern Marsh-orchid       | Dactylorhiza praetermissa              | 2            | 18/06/1996  |
| flowering plant | Spear Thistle               | Cirsium vulgare                        | 12           | 31/08/2022  |
| flowering plant | Spiked Water-milfoil        | Myriophyllum spicatum                  | 1            | 10/05/1996  |
| flowering plant | Spotted Dead-nettle         | Lamium maculatum                       | 1            | 24/01/1998  |
| flowering plant | St. John's-Wort             | Hypericum                              | 1            | 16/09/2020  |
| flowering plant | Stellaria media agg.        | Stellaria media agg.                   | 3            | 02/05/2004  |
| flowering plant | Sticky Mouse-ear            | Cerastium glomeratum                   | 2            | 03/05/2007  |
| flowering plant | Sun Spurge                  | Euphorbia helioscopia                  | 1            | 17/08/2015  |
| flowering plant | Sweet Cicely                | Myrrhis odorata                        | 1            | 03/05/2007  |
| flowering plant | Sweet Vernal-grass          | Anthoxanthum odoratum                  | 2            | 30/07/1996  |
| flowering plant | Sweet-Grass                 | Glyceria                               | 2            | 27/05/2012  |
| flowering plant | Sycamore                    | Acer pseudoplatanus                    | 26           | 31/08/2022  |
| flowering plant | Tall Fescue                 | Festuca arundinacea                    | 2            | 05/07/2007  |
| flowering plant | Thale Cress                 | Arabidopsis thaliana                   | 7            | 17/05/2020  |
| flowering plant | Thyme-leaved Speedwell      | Veronica serpyllifolia                 | 4            | 17/05/2020  |
| flowering plant | Timothy                     | Phleum pratense                        | 1            | 30/07/1996  |
| flowering plant | Tormentil                   | Potentilla erecta                      | 1            | 29/08/2013  |
| flowering plant | Tufted Hair-grass           | Deschampsia cespitosa                  | 10           | 29/05/2015  |
| flowering plant |                             | Deschampsia cespitosa subsp. cespitosa | 1            | 05/07/2007  |
| flowering plant | Tufted Vetch                | Vicia cracca                           | 1            | 07/07/2006  |
| flowering plant | Turkey Oak                  | Quercus cerris                         | 1            | 21/05/2009  |
| flowering plant | Turnip                      | Brassica rapa                          | 1            | 03/11/2019  |
| flowering plant | Tutsan                      | Hypericum androsaemum                  | 1            | 03/05/2007  |
| flowering plant | Unbranched Bur-reed         | Sparganium emersum                     | 1            | 01/08/2017  |
| flowering plant | Violet                      | Viola                                  | 1            | 26/07/2016  |
| flowering plant | Wall Barley                 | Hordeum murinum                        | 1            | 30/07/1996  |
| flowering plant | Wall Speedwell              | Veronica arvensis                      | 3            | 14/05/2016  |
| flowering plant | Water-pepper                | Persicaria hydropiper                  | 1            | 20/08/2015  |

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| Taxon Group     | Common Name        | Scientific Name   | Record Count | Latest date |
|-----------------|--------------------|---|--------------|-------------|
| flowering plant | Water-plantain     | <i>Alisma plantago-aquatica</i>                                 | 3            | 16/09/2020  |
| flowering plant | Water-violet       | <i>Hottonia palustris</i>                                       | 5            | 26/05/2019  |
| flowering plant | Wavy Bitter-cress  | <i>Cardamine flexuosa</i>                                       | 6            | 17/05/2020  |
| flowering plant | Wavy Hair-grass    | <i>Deschampsia flexuosa</i>                                     | 6            | 06/05/2010  |
| flowering plant | Weeping Willow     | <i>Salix alba</i> x <i>babylonica</i> = <i>S. x sepulcralis</i> | 1            | 27/06/2012  |
| flowering plant | Weld               | <i>Reseda luteola</i>   | 2            | 27/06/2012  |
| flowering plant | White Campion      | <i>Silene latifolia</i>   | 1            | 27/06/2012  |
| flowering plant | White Clover       | <i>Trifolium repens</i>   | 9            | 31/08/2022  |
| flowering plant | White Dead-nettle  | <i>Lamium album</i>   | 32           | 31/08/2022  |
| flowering plant | White Poplar       | <i>Populus alba</i>   | 1            | 30/07/1996  |
| flowering plant | White Stonecrop    | <i>Sedum album</i>  | 1            | 27/06/2012  |
| flowering plant | White Willow       | <i>Salix alba</i>   | 1            | 27/06/2012  |
| flowering plant | Wild Angelica      | <i>Angelica sylvestris</i>                                      | 2            | 16/09/2020  |
| flowering plant | Wild Carrot        | <i>Daucus carota</i>  | 1            | 16/09/2020  |
| flowering plant | Wild Cherry        | <i>Prunus avium</i>   | 18           | 31/08/2022  |
| flowering plant | Wild Mignonette    | <i>Reseda lutea</i>   | 1            | 24/06/1997  |
| flowering plant | Wild Radish        | <i>Raphanus raphanistrum</i> subsp. <i>raphanistrum</i>         | 1            | 05/07/2007  |
| flowering plant | Wild Strawberry    | <i>Fragaria vesca</i>   | 1            | 05/08/2019  |
| flowering plant | Wild Teasel        | <i>Dipsacus fullonum</i>  | 5            | 16/09/2020  |
| flowering plant | Willow             | <i>Salix</i>  | 9            | 16/09/2020  |
| flowering plant | Willowherb         | <i>Epilobium</i>  | 6            | 27/05/2012  |
| flowering plant | Wood Anemone       | <i>Anemone nemorosa</i>   | 12           | 20/04/2022  |
| flowering plant | Wood Avens         | <i>Geum urbanum</i>   | 13           | 31/08/2022  |
| flowering plant | Wood Dock          | <i>Rumex sanguineus</i>   | 3            | 29/05/2015  |
| flowering plant | Wood Forget-me-not | <i>Myosotis sylvatica</i>                                       | 1            | 03/05/2007  |
| flowering plant | Wood Meadow-grass  | <i>Poa nemoralis</i>  | 2            | 27/05/2012  |
| flowering plant | Wood Millet        | <i>Milium effusum</i>   | 8            | 30/05/2019  |
| flowering plant | Wood Sage          | <i>Teucrium scorodonia</i>                                      | 7            | 14/10/2011  |
| flowering plant | Wood Speedwell     | <i>Veronica montana</i>   | 4            | 29/05/2015  |
| flowering plant | Woodruff           | <i>Galium odoratum</i>  | 3            | 17/05/2020  |
| flowering plant | Wood-sorrel        | <i>Oxalis acetosella</i>  | 10           | 29/05/2015  |
| flowering plant | Wych Elm           | <i>Ulmus glabra</i>   | 3            | 07/05/2014  |
| flowering plant | Yarrow             | <i>Achillea millefolium</i>                                     | 4            | 16/09/2020  |
| flowering plant | Yellow Archangel   | <i>Lamium galeobdolon</i>                                       | 1            | 27/06/2012  |
| flowering plant | Yellow Iris        | <i>Iris pseudacorus</i>   | 13           | 17/05/2020  |
| flowering plant | Yellow Loosestrife | <i>Lysimachia vulgaris</i>                                      | 3            | 27/05/2012  |
| flowering plant | Yellow Pimpernel   | <i>Lysimachia nemorum</i>                                       | 1            | 10/05/1998  |
| flowering plant | Yellow-rattle      | <i>Rhinanthus minor</i>   | 1            | 16/09/2020  |
| flowering plant | Yorkshire-fog      | <i>Holcus lanatus</i>   | 13           | 18/05/2022  |
| fungus          | Alder Bracket      | <i>Mensularia radiata</i>                                       | 1            | 09/02/2010  |
| fungus          | Alder Goblet       | <i>Ciboria caucus</i>   | 2            | 27/02/2022  |
| fungus          | Angel's Bonnet     | <i>Mycena arcangeliana</i>                                      | 1            | 09/02/2010  |
| fungus          | Birch Mazegill     | <i>Trametes betulina</i>  | 1            | 01/03/2009  |
| fungus          | Birch Polypore     | <i>Piptoporus betulinus</i>                                     | 9            | 06/05/2010  |
| fungus          | Birch Woodwart     | <i>Annulohyphoxylon multiforme</i>                              | 3            | 09/02/2010  |

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| Taxon Group                  | Common Name                  | Scientific Name                                      | Record Count | Latest date |
|------------------------------|------------------------------|--|--------------|-------------|
| fungus                       | Bleeding Broadleaf Crust     | <i>Stereum rugosum</i>                               | 3            | 08/02/2009  |
| fungus                       | Blushing Bracket             | <i>Daedaleopsis confragosa</i>                       | 4            | 01/03/2009  |
| fungus                       | Candlesnuff Fungus           | <i>Xylaria hypoxylon</i>                             | 1            | 02/05/1997  |
| fungus                       | Chicken Of The Woods         | <i>Laetiporus sulphureus</i>                         | 3            | 02/06/2020  |
| fungus                       | Collared Earthstar           | <i>Geastrum triplex</i>                              | 1            | 09/02/2010  |
| fungus                       | Comfrey Rust                 | <i>Melampsorella symphyti</i>                        | 1            | 27/06/2012  |
| fungus                       | Crystal Brain                | <i>Exidia nucleata</i>                               | 2            | 16/01/2020  |
| fungus                       | Deceiver                     | <i>Laccaria laccata</i>                              | 2            | 23/10/2020  |
| fungus                       | Dryad's Saddle               | <i>Polyporus squamosus</i>                           | 1            | 30/05/2020  |
| fungus                       | Elder Whitewash              | <i>Hyphodontia sambuci</i>                           | 1            | 01/03/2009  |
| fungus                       | Erysiphe polygoni            | <i>Erysiphe polygoni</i>                             | 1            | 27/06/2012  |
| fungus                       | Firebug Inkcap               | <i>Coprinellus domesticus</i>                        | 2            | 01/03/2009  |
| fungus                       | Fuchsia Rust                 | <i>Pucciniastrum epilobii</i>                        | 1            | 01/03/2020  |
| fungus                       | Glistening Inkcap            | <i>Coprinellus micaceus</i>                          | 2            | 01/03/2020  |
| fungus                       | Golovinomyces cynoglossi     | <i>Golovinomyces cynoglossi</i>                      | 1            | 27/06/2012  |
| fungus                       | Haw Goblet                   | <i>Monilinia johnsonii</i>                           | 2            | 02/05/2004  |
| fungus                       | Hazel Woodwart               | <i>Hyphoxylon fuscum</i>                             | 2            | 02/03/2009  |
| fungus                       | Jelly Ear                    | <i>Auricularia auricula-judae</i>                    | 7            | 09/04/2022  |
| fungus                       | King Alfred's Cakes          | <i>Daldinia concentrica</i>                          | 5            | 13/03/2020  |
| fungus                       | Oyster Mushroom              | <i>Pleurotus ostreatus</i>                           | 1            | 01/03/2009  |
| fungus                       | Phanerochaete                | <i>Phanerochaete</i>                                 | 1            | 17/01/2020  |
| fungus                       | <i>Podosphaera epilobii</i>  | <i>Podosphaera epilobii</i>                          | 1            | 27/06/2012  |
| fungus                       | <i>Puccinia lagenophorae</i> | <i>Puccinia lagenophorae</i>                         | 1            | 27/06/2012  |
| fungus                       | <i>Puccinia phragmitis</i>   | <i>Puccinia phragmitis</i>                           | 1            | 27/06/2012  |
| fungus                       | <i>Puccinia pulverulenta</i> | <i>Puccinia pulverulenta</i>                         | 1            | 27/06/2012  |
| fungus                       | Purple Jellydisc             | <i>Ascocoryne sarcoides</i>                          | 1            | 09/02/2010  |
| fungus                       | <i>Sarcoscypha austriaca</i> | <i>Sarcoscypha austriaca</i>                         | 2            | 01/03/2009  |
| fungus                       | <i>Seifertia azaleae</i>     | <i>Seifertia azaleae</i>                             | 1            | 01/03/2020  |
| fungus                       | Silver Leaf Disease          | <i>Chondrostereum purpureum</i>                      | 3            | 07/12/2020  |
| fungus                       | Smoky Bracket                | <i>Bjerkandera adusta</i>                            | 1            | 19/01/2021  |
| fungus                       | St. George's Mushroom        | <i>Calocybe gambosa</i>                              | 3            | 16/07/2009  |
| fungus                       | Stinkhorn                    | <i>Phallus impudicus</i> var. <i>impudicus</i>       | 1            | 14/06/2015  |
| fungus                       | Stump Puffball               | <i>Lycoperdon pyriforme</i>                          | 2            | 16/01/2020  |
| fungus                       | Sulphur Tuft                 | <i>Hypholoma fasciculare</i> var. <i>fasciculare</i> | 1            | 16/01/2020  |
| fungus                       | Turkeytail                   | <i>Trametes versicolor</i>                           | 2            | 24/01/1998  |
| fungus                       | Velvet Shank                 | <i>Flammulina velutipes</i> var. <i>velutipes</i>    | 1            | 16/01/2020  |
| fungus                       | Winter Polypore              | <i>Lentinus brumalis</i>                             | 1            | 09/02/2010  |
| fungus                       | Witches' Butter              | <i>Exidia glandulosa</i>                             | 2            | 02/03/2009  |
| horsetail                    | Field Horsetail              | <i>Equisetum arvense</i>                             | 10           | 02/06/2022  |
| horsetail                    | Horsetail                    | <i>Equisetum</i>                                     | 1            | 31/08/2022  |
| insect - beetle (Coleoptera) | 10-spot Ladybird             | <i>Adalia decempunctata</i>                          | 6            | 10/08/2016  |
| insect - beetle (Coleoptera) | 14-spot Ladybird             | <i>Propylea quatuordecimpunctata</i>                 | 15           | 17/07/2020  |
| insect - beetle (Coleoptera) | 22-spot Ladybird             | <i>Psyllobora vigintiduopunctata</i>                 | 3            | 29/06/2016  |

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| Taxon Group                     | Common Name                                      | Scientific Name                                  | Record Count | Latest date |
|---------------------------------|--|--|--------------|-------------|
| insect - beetle<br>(Coleoptera) | 2-spot Ladybird                                  | <i>Adalia bipunctata</i>                         | 3            | 18/06/2019  |
| insect - beetle<br>(Coleoptera) | 7-spot Ladybird                                  | <i>Coccinella septempunctata</i>                 | 47           | 07/06/2021  |
| insect - beetle<br>(Coleoptera) | <i>Abax parallelepipedus</i>                     | <i>Abax parallelepipedus</i>                     | 1            | 30/06/2007  |
| insect - beetle<br>(Coleoptera) | <i>Agapanthia villosoviridescens</i>             | <i>Agapanthia villosoviridescens</i>             | 2            | 22/05/2019  |
| insect - beetle<br>(Coleoptera) | <i>Agonum fuliginosum</i>                        | <i>Agonum fuliginosum</i>                        | 2            | 00/01/1900  |
| insect - beetle<br>(Coleoptera) | Alder Leaf Beetle                                | <i>Agelastica alni</i>                           | 19           | 13/04/2022  |
| insect - beetle<br>(Coleoptera) | <i>Anthobium unicolor</i>                        | <i>Anthobium unicolor</i>                        | 1            | 12/06/2014  |
| insect - beetle<br>(Coleoptera) | <i>Atheta triangulum</i>                         | <i>Atheta triangulum</i>                         | 1            | 12/06/2014  |
| insect - beetle<br>(Coleoptera) | <i>Athous haemorrhoidalis</i>                    | <i>Athous haemorrhoidalis</i>                    | 1            | 02/05/2004  |
| insect - beetle<br>(Coleoptera) | <i>Bembidion assimile</i>                        | <i>Bembidion assimile</i>                        | 2            | 00/01/1900  |
| insect - beetle<br>(Coleoptera) | <i>Bembidion guttula</i>                         | <i>Bembidion guttula</i>                         | 2            | 00/01/1900  |
| insect - beetle<br>(Coleoptera) | <i>Bembidion tetracolum</i>                      | <i>Bembidion tetracolum</i>                      | 2            | 00/01/1900  |
| insect - beetle<br>(Coleoptera) | Black Clock                                      | <i>Pterostichus madidus</i>                      | 3            | 02/05/2004  |
| insect - beetle<br>(Coleoptera) | Black-headed Cardinal Beetle                     | <i>Pyrochroa coccinea</i>                        | 1            | 17/05/2020  |
| insect - beetle<br>(Coleoptera) | <i>Brachypterus glaber</i>                       | <i>Brachypterus glaber</i>                       | 1            | 17/05/2020  |
| insect - beetle<br>(Coleoptera) | <i>Cantharis nigricans</i>                       | <i>Cantharis nigricans</i>                       | 2            | 17/05/2020  |
| insect - beetle<br>(Coleoptera) | <i>Cerylon ferrugineum</i>                       | <i>Cerylon ferrugineum</i>                       | 1            | 12/06/2014  |
| insect - beetle<br>(Coleoptera) | Cream-spot Ladybird                              | <i>Calvia quattuordecimguttata</i>               | 7            | 17/05/2020  |
| insect - beetle<br>(Coleoptera) | <i>Cryptophagus scanicus</i>                     | <i>Cryptophagus scanicus</i>                     | 1            | 12/06/2014  |
| insect - beetle<br>(Coleoptera) | Dead-Nettle Leaf Beetle                          | <i>Chrysolina fastuosa</i>                       | 1            | 14/05/2016  |
| insect - beetle<br>(Coleoptera) | <i>Dicheirotichus placidus</i>                   | <i>Dicheirotichus placidus</i>                   | 2            | 00/01/1900  |
| insect - beetle<br>(Coleoptera) | <i>Elaphrus cupreus</i>                          | <i>Elaphrus cupreus</i>                          | 1            | 13/05/2003  |
| insect - beetle<br>(Coleoptera) | <i>Euophryum confine</i>                         | <i>Euophryum confine</i>                         | 1            | 12/06/2014  |
| insect - beetle<br>(Coleoptera) | <i>Geostiba circellaris</i>                      | <i>Geostiba circellaris</i>                      | 1            | 12/06/2014  |
| insect - beetle<br>(Coleoptera) | Green Dock Beetle                                | <i>Gastrophysa viridula</i>                      | 3            | 17/05/2020  |
| insect - beetle<br>(Coleoptera) | Green Nettle Weevil                              | <i>Phyllobius pomaceus</i>                       | 3            | 17/05/2020  |
| insect - beetle<br>(Coleoptera) | Harlequin Ladybird                               | <i>Harmonia axyridis</i>                         | 22           | 17/05/2020  |
| insect - beetle<br>(Coleoptera) | <i>Harmonia axyridis</i> form <i>spectabilis</i> | <i>Harmonia axyridis</i> form <i>spectabilis</i> | 1            | 27/10/2016  |
| insect - beetle<br>(Coleoptera) | <i>Helophorus brevipalpis</i>                    | <i>Helophorus brevipalpis</i>                    | 1            | 12/06/2014  |

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| Taxon Group                     | Common Name                 | Scientific Name             | Record Count | Latest date |
|---------------------------------|-----------------------------|-----------------------------|--------------|-------------|
| insect - beetle<br>(Coleoptera) | Leistus fulvibarbis         | Leistus fulvibarbis         | 2            | 00/01/1900  |
| insect - beetle<br>(Coleoptera) | Lesteva sicula ssp. heeri   | Lesteva sicula ssp. heeri   | 1            | 12/06/2014  |
| insect - beetle<br>(Coleoptera) | Limodromus assimilis        | Limodromus assimilis        | 1            | 13/05/2003  |
| insect - beetle<br>(Coleoptera) | Nicrophorus vespilloides    | Nicrophorus vespilloides    | 1            | 08/09/2019  |
| insect - beetle<br>(Coleoptera) | Orange Ladybird             | Halyzia sedecimguttata      | 4            | 19/11/2021  |
| insect - beetle<br>(Coleoptera) | Orchestes quercus           | Orchestes quercus           | 2            | 20/05/2008  |
| insect - beetle<br>(Coleoptera) | Pea-leaf Weevil             | Sitona lineatus             | 1            | 10/10/2001  |
| insect - beetle<br>(Coleoptera) | Phyllotreta tetrastigma     | Phyllotreta tetrastigma     | 1            | 27/04/2014  |
| insect - beetle<br>(Coleoptera) | Poplar Borer                | Saperda carcharias          | 1            | 04/06/2016  |
| insect - beetle<br>(Coleoptera) | Prasocuris marginella       | Prasocuris marginella       | 1            | 27/04/2014  |
| insect - beetle<br>(Coleoptera) | Rhagonycha nigriventris     | Rhagonycha nigriventris     | 1            | 17/05/2020  |
| insect - beetle<br>(Coleoptera) | Rutpela maculata            | Rutpela maculata            | 1            | 04/07/2019  |
| insect - beetle<br>(Coleoptera) | Snail Hunter                | Cychrus caraboides          | 1            | 17/05/2020  |
| insect - beetle<br>(Coleoptera) | Stenolophus mixtus          | Stenolophus mixtus          | 2            | 00/01/1900  |
| insect - beetle<br>(Coleoptera) | Swollen-thighed Beetle      | Oedemera nobilis            | 2            | 11/07/2020  |
| insect - beetle<br>(Coleoptera) | Syntomium aeneum            | Syntomium aeneum            | 1            | 12/06/2014  |
| insect - beetle<br>(Coleoptera) | Trichosirocalus troglodytes | Trichosirocalus troglodytes | 1            | 10/10/2001  |
| insect - beetle<br>(Coleoptera) | Vine Weevil                 | Otiorhynchus sulcatus       | 1            | 10/10/2001  |
| insect - beetle<br>(Coleoptera) | Wasp Beetle                 | Clytus arietis              | 1            | 17/05/2020  |
| insect - beetle<br>(Coleoptera) | Welsh Chafer                | Hoplia philanthus           | 2            | 22/06/2019  |
| insect - butterfly              | Brimstone                   | Gonepteryx rhamni           | 844          | 09/07/2022  |
| insect - butterfly              | Clouded Yellow              | Colias croceus              | 29           | 03/09/2006  |
| insect - butterfly              | Comma                       | Polygonia c-album           | 1478         | 27/07/2022  |
| insect - butterfly              | Common Blue                 | Polyommatus icarus          | 939          | 11/08/2021  |
| insect - butterfly              | Gatekeeper                  | Pyronia tithonus            | 1201         | 16/08/2022  |
| insect - butterfly              | Green Hairstreak            | Callophrys rubi             | 2            | 17/05/1998  |
| insect - butterfly              | Green-veined White          | Pieris napi                 | 2109         | 16/08/2022  |
| insect - butterfly              |                             | Pieris napi sabellicae      | 1            | 19/04/2019  |
| insect - butterfly              | Holly Blue                  | Celastrina argiolus         | 286          | 23/08/2019  |
| insect - butterfly              | Large Skipper               | Ochlodes sylvanus           | 426          | 01/07/2021  |
| insect - butterfly              | Large White                 | Pieris brassicae            | 1356         | 01/09/2022  |
| insect - butterfly              | Meadow Brown                | Maniola jurtina             | 1714         | 09/07/2022  |
| insect - butterfly              | Orange-tip                  | Anthocharis cardamines      | 1255         | 20/05/2022  |
| insect - butterfly              | Painted Lady                | Vanessa cardui              | 341          | 30/06/2022  |
| insect - butterfly              | Peacock                     | Aglais io                   | 2913         | 11/05/2022  |

## NEW CARRINGTON

| Taxon Group                          | Common Name            | Scientific Name          | Record Count | Latest date |
|--------------------------------------|------------------------|--------------------------|--------------|-------------|
| insect - butterfly                   | Pieris napi britannica | Pieris napi britannica   | 1            | 02/05/2004  |
| insect - butterfly                   | Purple Hairstreak      | Favonius quercus         | 17           | 03/07/2019  |
| insect - butterfly                   | Red Admiral            | Vanessa atalanta         | 745          | 30/06/2022  |
| insect - butterfly                   | Ringlet                | Aphantopus hyperantus    | 24           | 30/06/2022  |
| insect - butterfly                   | Small Copper           | Lycaena phlaeas          | 578          | 11/07/2020  |
| insect - butterfly                   | Small Skipper          | Thymelicus sylvestris    | 685          | 16/07/2021  |
| insect - butterfly                   | Small Tortoiseshell    | Aglais urticae           | 2489         | 09/07/2022  |
| insect - butterfly                   | Small White            | Pieris rapae             | 2029         | 26/08/2022  |
| insect - butterfly                   | Speckled Wood          | Pararge aegeria          | 3470         | 06/10/2022  |
| insect - butterfly                   | Wall                   | Lasiommata megera        | 249          | 26/08/2002  |
| insect - caddis fly<br>(Trichoptera) | Agapetus fuscipes      | Agapetus fuscipes        | 1            | 19/04/2018  |
| insect - caddis fly<br>(Trichoptera) | Halesus radiatus       | Halesus radiatus         | 1            | 29/03/2018  |
| insect - caddis fly<br>(Trichoptera) | Limnephilus lunatus    | Limnephilus lunatus      | 1            | 20/03/2015  |
| insect - caddis fly<br>(Trichoptera) | Limnephilus marmoratus | Limnephilus marmoratus   | 1            | 20/03/2015  |
| insect - caddis fly<br>(Trichoptera) | Lype reducta           | Lype reducta             | 1            | 20/03/2015  |
| insect - caddis fly<br>(Trichoptera) | Psychomyia pusilla     | Psychomyia pusilla       | 1            | 21/04/2015  |
| insect - caddis fly<br>(Trichoptera) | Tinodes waeneri        | Tinodes waeneri          | 1            | 20/03/2015  |
| insect - dragonfly<br>(Odonata)      | Azure Damselfly        | Coenagrion puella        | 94           | 26/06/2021  |
| insect - dragonfly<br>(Odonata)      | Banded Demoiselle      | Calopteryx splendens     | 157          | 29/06/2022  |
| insect - dragonfly<br>(Odonata)      | Beautiful Demoiselle   | Calopteryx virgo         | 1            | 21/06/2017  |
| insect - dragonfly<br>(Odonata)      | Black Darter           | Sympetrum danae          | 14           | 16/07/2017  |
| insect - dragonfly<br>(Odonata)      | Black-tailed Skimmer   | Orthetrum cancellatum    | 4            | 23/07/2021  |
| insect - dragonfly<br>(Odonata)      | Blue-tailed Damselfly  | Ischnura elegans         | 76           | 26/06/2021  |
| insect - dragonfly<br>(Odonata)      | Broad-bodied Chaser    | Libellula depressa       | 19           | 10/05/2020  |
| insect - dragonfly<br>(Odonata)      | Brown Hawker           | Aeshna grandis           | 181          | 25/08/2019  |
| insect - dragonfly<br>(Odonata)      | Common Blue Damselfly  | Enallagma cyathigerum    | 18           | 23/07/2021  |
| insect - dragonfly<br>(Odonata)      | Common Darter          | Sympetrum striolatum     | 297          | 23/08/2022  |
| insect - dragonfly<br>(Odonata)      | Common Hawker          | Aeshna juncea            | 8            | 30/08/2003  |
| insect - dragonfly<br>(Odonata)      | Emerald Damselfly      | Lestes sponsa            | 34           | 03/08/2017  |
| insect - dragonfly<br>(Odonata)      | Emperor Dragonfly      | Anax imperator           | 2            | 01/06/2017  |
| insect - dragonfly<br>(Odonata)      | Four-spotted Chaser    | Libellula quadrimaculata | 20           | 25/05/2017  |
| insect - dragonfly<br>(Odonata)      | Large Red Damselfly    | Pyrrhosoma nymphula      | 69           | 20/05/2019  |
| insect - dragonfly<br>(Odonata)      | Migrant Hawker         | Aeshna mixta             | 106          | 15/09/2017  |

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| Taxon Group                    | Common Name               | Scientific Name                 | Record Count | Latest date |
|--------------------------------|---------------------------|---------------------------------|--------------|-------------|
| insect - dragonfly (Odonata)   | Ruddy Darter              | <i>Sympetrum sanguineum</i>     | 48           | 23/08/2019  |
| insect - dragonfly (Odonata)   | Southern Hawker           | <i>Aeshna cyanea</i>            | 139          | 31/08/2022  |
| insect - hymenopteran          | Apechthis compunctor      | <i>Apechthis compunctor</i>     | 1            | 08/09/2019  |
| insect - hymenopteran          | Ashy Mining Bee           | <i>Andrena cineraria</i>        | 1            | 03/05/2018  |
| insect - hymenopteran          | <i>Athalia rosae</i>      | <i>Athalia rosae</i>            | 1            | 17/05/2020  |
| insect - hymenopteran          | Buff-tailed Bumblebee     | <i>Bombus terrestris</i>        | 7            | 25/03/2021  |
| insect - hymenopteran          | <i>Cimbex femoratus</i>   | <i>Cimbex femoratus</i>         | 1            | 23/08/2017  |
| insect - hymenopteran          | Common Carder Bee         | <i>Bombus pascuorum</i>         | 6            | 17/05/2020  |
| insect - hymenopteran          | Early Bumblebee           | <i>Bombus pratorum</i>          | 3            | 25/03/2021  |
| insect - hymenopteran          | <i>Euura pedunculi</i>    | <i>Euura pedunculi</i>          | 1            | 17/05/2020  |
| insect - hymenopteran          | <i>Euura proxima</i>      | <i>Euura proxima</i>            | 1            | 17/05/2020  |
| insect - hymenopteran          | Hornet                    | <i>Vespa crabro</i>             | 3            | 30/04/2019  |
| insect - hymenopteran          | Mining bee                | <i>Andrena</i>                  | 1            | 27/02/2019  |
| insect - hymenopteran          | Oak Apple                 | <i>Biorhiza pallida</i>         | 1            | 02/05/2004  |
| insect - hymenopteran          | <i>Ophion ventricosus</i> | <i>Ophion ventricosus</i>       | 1            | 17/05/2020  |
| insect - hymenopteran          | Red-tailed Bumblebee      | <i>Bombus lapidarius</i>        | 3            | 14/05/2016  |
| insect - hymenopteran          | Tree Bumblebee            | <i>Bombus hypnorum</i>          | 2            | 28/05/2021  |
| insect - hymenopteran          | Western Honey Bee         | <i>Apis mellifera</i>           | 4            | 03/06/2022  |
| insect - hymenopteran          | White-tailed Bumblebee    | <i>Bombus lucorum</i>           | 3            | 17/05/2020  |
| insect - lacewing (Neuroptera) | <i>Chrysopa perla</i>     | <i>Chrysopa perla</i>           | 1            | 17/05/2020  |
| insect - moth                  | Angle Shades              | <i>Phlogophora meticulosa</i>   | 4            | 26/02/2005  |
| insect - moth                  | Blackneck                 | <i>Lygephila pastinum</i>       | 20           | 21/07/2011  |
| insect - moth                  | Blood-vein                | <i>Timandra comae</i>           | 3            | 30/06/2006  |
| insect - moth                  | Bordered Pug              | <i>Eupithecia succenturiata</i> | 1            | 25/09/2010  |
| insect - moth                  | Bright-line Brown-eye     | <i>Lacanobia oleracea</i>       | 1            | 19/04/1999  |
| insect - moth                  | Brimstone Moth            | <i>Opisthograptis luteolata</i> | 3            | 07/06/2021  |
| insect - moth                  | Broad-barred White        | <i>Hecatera bicolorata</i>      | 1            | 18/07/2007  |
| insect - moth                  | Broken-barred Carpet      | <i>Electrophaes corylata</i>    | 1            | 19/05/1998  |
| insect - moth                  | Brown Silver-line         | <i>Petrophora chlorosata</i>    | 57           | 17/06/2022  |
| insect - moth                  | Buff-tip                  | <i>Phalera bucephala</i>        | 4            | 08/08/2010  |
| insect - moth                  | Burnet Moth               | <i>Zygaena</i>                  | 1            | 18/06/1996  |
| insect - moth                  | Chimney Sweep             | <i>Odezia atrata</i>            | 1            | 20/05/1997  |
| insect - moth                  | Cinnabar                  | <i>Tyria jacobaeae</i>          | 133          | 13/06/2013  |
| insect - moth                  | Clay                      | <i>Mythimna ferrago</i>         | 2            | 28/06/2012  |
| insect - moth                  | Cloaked Minor             | <i>Mesoligia furuncula</i>      | 8            | 13/07/2011  |

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| Taxon Group   | Common Name                  | Scientific Name                     | Record Count | Latest date |
|---------------|------------------------------|-------------------------------------|--------------|-------------|
| insect - moth | Clouded Border               | <i>Lomaspilis marginata</i>         | 30           | 28/05/2010  |
| insect - moth | Clouded Silver               | <i>Lomographa temerata</i>          | 6            | 25/05/2012  |
| insect - moth | Clouded-bordered Brindle     | <i>Apamea crenata</i>               | 1            | 03/06/2010  |
| insect - moth | Cocksfoot Moth               | <i>Glyphipterix simplicella</i>     | 1            | 17/05/2020  |
| insect - moth | Common Carpet                | <i>Epirrhoe alternata</i>           | 111          | 25/07/2020  |
| insect - moth |                              | <i>Epirrhoe alternata alternata</i> | 1            | 17/07/2017  |
| insect - moth | Common Footman               | <i>Eilema lurideola</i>             | 1            | 21/06/2002  |
| insect - moth | Common Marbled Carpet        | <i>Dysstroma truncata</i>           | 2            | 27/06/2002  |
| insect - moth | Common Pug                   | <i>Eupithecia vulgata</i>           | 3            | 01/06/2011  |
| insect - moth | Common Rustic                | <i>Mesapamea secalis</i>            | 4            | 08/07/2007  |
| insect - moth | Common Swift                 | <i>Korscheltellus lupulina</i>      | 5            | 27/05/2010  |
| insect - moth | Common Wainscot              | <i>Mythimna pallens</i>             | 1            | 09/09/1999  |
| insect - moth | Common Wave                  | <i>Cabera exanthemata</i>           | 56           | 23/06/2012  |
| insect - moth | Common White Wave            | <i>Cabera pusaria</i>               | 11           | 28/08/2012  |
| insect - moth | Currant Pug                  | <i>Eupithecia assimilata</i>        | 1            | 07/05/2006  |
| insect - moth | Dark-barred Twin-spot Carpet | <i>Xanthorhoe ferrugata</i>         | 14           | 10/05/2009  |
| insect - moth | Dingy Shell                  | <i>Euchoeca nebulata</i>            | 19           | 23/06/2012  |
| insect - moth | Drinker                      | <i>Euthrix potatoria</i>            | 22           | 20/06/2012  |
| insect - moth | Elephant Hawk-moth           | <i>Deilephila elpenor</i>           | 1            | 25/08/2001  |
| insect - moth | Flame Carpet                 | <i>Xanthorhoe designata</i>         | 3            | 19/05/2009  |
| insect - moth | Frosted Orange               | <i>Gortyna flavago</i>              | 1            | 07/09/2002  |
| insect - moth | Garden Tiger                 | <i>Arctia caja</i>                  | 3            | 29/04/2006  |
| insect - moth | Ghost Moth                   | <i>Hepialus humuli</i>              | 1            | 17/06/2001  |
| insect - moth | Gold Spot                    | <i>Plusia festucae</i>              | 3            | 28/05/2010  |
| insect - moth | Golden-rod Pug               | <i>Eupithecia virgaureata</i>       | 1            | 01/05/2004  |
| insect - moth | Green Carpet                 | <i>Colostygia pectinataria</i>      | 2            | 03/06/2013  |
| insect - moth | Green Long-horn              | <i>Adela reaumurella</i>            | 1            | 17/05/2020  |
| insect - moth | Grey Birch                   | <i>Aethalura punctulata</i>         | 1            | 15/05/2004  |
| insect - moth | Grey Dagger                  | <i>Acronicta psi</i>                | 1            | 30/08/2010  |
| insect - moth | Grey Pug                     | <i>Eupithecia subfuscata</i>        | 1            | 01/06/2011  |
| insect - moth | Hebrew Character             | <i>Orthosia gothica</i>             | 1            | 21/05/2002  |
| insect - moth | Humming-bird Hawk-moth       | <i>Macroglossum stellatarum</i>     | 1            | 18/08/2003  |
| insect - moth | Iron Prominent               | <i>Notodonta dromedarius</i>        | 1            | 04/09/2009  |
| insect - moth | July Highflyer               | <i>Hydriomena furcata</i>           | 3            | 07/05/2008  |
| insect - moth | Knapweed Bell                | <i>Epiblema cirsiaria</i>           | 1            | 17/05/2020  |
| insect - moth | Large Yellow Underwing       | <i>Noctua pronuba</i>               | 3            | 12/08/2005  |
| insect - moth | Latticed Heath               | <i>Chiasmia clathrata</i>           | 195          | 27/08/2013  |
| insect - moth | Lesser Yellow Underwing      | <i>Noctua comes</i>                 | 1            | 30/04/2009  |
| insect - moth | Light Brown Apple Moth       | <i>Epiphyas postvittana</i>         | 1            | 17/05/2020  |
| insect - moth | Lime Hawk-moth               | <i>Mimas tiliae</i>                 | 1            | 28/08/2012  |
| insect - moth | Ling Pug                     | <i>Eupithecia absinthiata</i>       | 1            | 09/09/2002  |
| insect - moth | Marbled Minor                | <i>Oligia strigilis</i>             | 1            | 03/07/2012  |
| insect - moth | Marsh Pug                    | <i>Eupithecia pygmaeata</i>         | 28           | 03/06/2010  |
| insect - moth | Middle-barred Minor          | <i>Oligia fasciuncula</i>           | 2            | 17/06/2001  |
| insect - moth | Mother Shipton               | <i>Callistege mi</i>                | 36           | 20/08/2013  |
| insect - moth | Mottled Beauty               | <i>Alcis repandata</i>              | 1            | 04/06/2002  |

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| Taxon Group   | Common Name                      | Scientific Name                 | Record Count | Latest date |
|---------------|----------------------------------|---------------------------------|--------------|-------------|
| insect - moth | Mottled Umber                    | <i>Erannis defoliaria</i>       | 2            | 16/05/2002  |
| insect - moth | Muslin Moth                      | <i>Diaphora mendica</i>         | 15           | 10/05/2009  |
| insect - moth | Narrow-bordered Five-spot Burnet | <i>Zygaena lonicerae</i>        | 23           | 25/06/2013  |
| insect - moth | Old Lady                         | <i>Mormo maura</i>              | 1            | 14/07/2007  |
| insect - moth | Orange Underwing                 | <i>Archiearis parthenias</i>    | 1            | 02/04/2005  |
| insect - moth | Orange-spot Piercer              | <i>Pammene aurana</i>           | 2            | 07/06/2021  |
| insect - moth | Pale Brindled Beauty             | <i>Phigalia pilosaria</i>       | 1            | 28/05/2010  |
| insect - moth | Pale Prominent                   | <i>Pterostoma palpina</i>       | 2            | 12/08/2005  |
| insect - moth | Pale Tussock                     | <i>Calliteara pudibunda</i>     | 1            | 04/05/2005  |
| insect - moth | Pebble Hook-tip                  | <i>Drepana falcataria</i>       | 3            | 16/05/2005  |
| insect - moth | Peppered Moth                    | <i>Biston betularia</i>         | 1            | 15/05/2002  |
| insect - moth | Pink-barred Sallow               | <i>Xanthia togata</i>           | 3            | 23/09/2006  |
| insect - moth | Poplar Hawk-moth                 | <i>Laothoe populi</i>           | 1            | 26/07/2005  |
| insect - moth | Puss Moth                        | <i>Cerura vinula</i>            | 1            | 01/06/1998  |
| insect - moth | Red Underwing                    | <i>Catocala nupta</i>           | 1            | 10/09/2007  |
| insect - moth | Riband Wave                      | <i>Idaea aversata</i>           | 1            | 10/07/2009  |
| insect - moth | Ruby Tiger                       | <i>Phragmatobia fuliginosa</i>  | 8            | 03/07/2012  |
| insect - moth | Sallow                           | <i>Cirrhia icteritia</i>        | 1            | 22/08/1998  |
| insect - moth | Sandy Carpet                     | <i>Perizoma flavofasciata</i>   | 7            | 18/05/2010  |
| insect - moth | Shaded Broad-bar                 | <i>Scotopteryx chenopodiata</i> | 132          | 26/07/2019  |
| insect - moth | Short-cloaked Moth               | <i>Nola cucullatella</i>        | 1            | 07/07/2007  |
| insect - moth | Silver Y                         | <i>Autographa gamma</i>         | 97           | 17/07/2020  |
| insect - moth | Silver-ground Carpet             | <i>Xanthorhoe montanata</i>     | 11           | 17/05/2020  |
| insect - moth | Single-dotted Wave               | <i>Idaea dimidiata</i>          | 1            | 02/08/2005  |
| insect - moth | Six-spot Burnet                  | <i>Zygaena filipendulae</i>     | 16           | 14/07/2013  |
| insect - moth | Six-striped Rustic               | <i>Xestia sexstrigata</i>       | 1            | 30/08/2012  |
| insect - moth | Slender Pug                      | <i>Eupithecia tenuiata</i>      | 1            | 27/07/1998  |
| insect - moth | Small Fan-foot                   | <i>Herminia grisealis</i>       | 1            | 01/06/2011  |
| insect - moth | Small Fan-footed Wave            | <i>Idaea biselata</i>           | 7            | 03/07/2012  |
| insect - moth | Small Phoenix                    | <i>Ecliptopera silaceata</i>    | 5            | 13/05/2012  |
| insect - moth | Small Rivulet                    | <i>Perizoma alchemillata</i>    | 1            | 23/06/2004  |
| insect - moth | Small Square-spot                | <i>Diarsia rubi</i>             | 1            | 12/08/2005  |
| insect - moth | Small Yellow Underwing           | <i>Panemeria tenebrata</i>      | 55           | 17/05/2020  |
| insect - moth | Smoky Wainscot                   | <i>Mythimna impura</i>          | 5            | 12/07/2006  |
| insect - moth | Snout                            | <i>Hypena proboscidalis</i>     | 11           | 22/10/2013  |
| insect - moth | Square-spot Rustic               | <i>Xestia xanthographa</i>      | 1            | 30/08/2012  |
| insect - moth | Straw Dot                        | <i>Rivula sericealis</i>        | 20           | 17/05/2020  |
| insect - moth | Straw Underwing                  | <i>Thalpophila matura</i>       | 2            | 17/08/2005  |
| insect - moth | Swallow-tailed Moth              | <i>Ourapteryx sambucaria</i>    | 1            | 21/07/1996  |
| insect - moth | Treble-bar                       | <i>Aplocera plagiata</i>        | 4            | 02/09/1999  |
| insect - moth | Vapourer                         | <i>Orgyia antiqua</i>           | 34           | 08/10/2013  |
| insect - moth | V-pug                            | <i>Chloroclystis v-ata</i>      | 1            | 23/04/2004  |
| insect - moth | White Ermine                     | <i>Spilosoma lubricipeda</i>    | 1            | 07/05/2006  |
| insect - moth | White-pinion Spotted             | <i>Lomographa bimaculata</i>    | 19           | 20/04/2009  |
| insect - moth | Winter Moth                      | <i>Operophtera brumata</i>      | 3            | 13/05/2013  |
| insect - moth | Yellow Shell                     | <i>Campptogramma bilineata</i>  | 26           | 07/06/2008  |

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| Taxon Group                       | Common Name                          | Scientific Name                      | Record Count | Latest date |
|-----------------------------------|--------------------------------------|--------------------------------------|--------------|-------------|
| insect - moth                     | Yellow-tail                          | Euproctis similis                    | 1            | 16/05/1999  |
| insect - orthopteran              | Common Green Grasshopper             | Omocestus viridulus                  | 1            | 13/07/2019  |
| insect - orthopteran              | Field Grasshopper                    | Chorthippus brunneus                 | 2            | 11/07/2020  |
| insect - orthopteran              | Meadow Grasshopper                   | Pseudochorthippus parallelus         | 1            | 18/06/2019  |
| insect - orthopteran              | Slender Ground-hopper                | Tetrix subulata                      | 1            | 14/05/2016  |
| insect - scorpion fly (Mecoptera) | Panorpa germanica                    | Panorpa germanica                    | 1            | 17/05/2020  |
| insect - true bug (Hemiptera)     | Birch Shieldbug                      | Elasmotethus interstinctus           | 9            | 17/05/2020  |
| insect - true bug (Hemiptera)     | Bishop's Mitre                       | Aelia acuminata                      | 1            | 14/05/2019  |
| insect - true bug (Hemiptera)     | Cercopis vulnerata                   | Cercopis vulnerata                   | 9            | 17/05/2020  |
| insect - true bug (Hemiptera)     | Common Flower Bug                    | Anthocoris nemorum                   | 1            | 17/05/2020  |
| insect - true bug (Hemiptera)     | Cuckoo-Spit Insect                   | Philaenus spumarius                  | 1            | 26/05/2019  |
| insect - true bug (Hemiptera)     | Deraeocoris (Deraeocoris) flavilinea | Deraeocoris (Deraeocoris) flavilinea | 1            | 28/06/2020  |
| insect - true bug (Hemiptera)     | Deraeocoris (Deraeocoris) ruber      | Deraeocoris (Deraeocoris) ruber      | 2            | 17/07/2020  |
| insect - true bug (Hemiptera)     | Errastunus ocellaris                 | Errastunus ocellaris                 | 1            | 17/05/2020  |
| insect - true bug (Hemiptera)     | Eupteryx aurata                      | Eupteryx aurata                      | 1            | 17/05/2020  |
| insect - true bug (Hemiptera)     | Froghopper                           | Cercopidae                           | 1            | 12/06/2022  |
| insect - true bug (Hemiptera)     | Gorse Shieldbug                      | Piezodorus lituratus                 | 4            | 17/04/2020  |
| insect - true bug (Hemiptera)     | Green Shieldbug                      | Palomena prasina                     | 25           | 17/05/2020  |
| insect - true bug (Hemiptera)     | Hairy Shieldbug                      | Dolycoris baccarum                   | 3            | 17/05/2020  |
| insect - true bug (Hemiptera)     | Hawthorn Shieldbug                   | Acanthosoma haemorrhoidale           | 12           | 19/10/2019  |
| insect - true bug (Hemiptera)     | Liocoris tripustulatus               | Liocoris tripustulatus               | 1            | 17/05/2020  |
| insect - true bug (Hemiptera)     | Parent Bug                           | Elasmucha grisea                     | 3            | 18/08/2015  |
| insect - true bug (Hemiptera)     | Psylloppis fraxini                   | Psylloppis fraxini                   | 1            | 17/05/2020  |
| insect - true bug (Hemiptera)     | Spiked Shieldbug                     | Picromerus bidens                    | 1            | 30/08/2010  |
| insect - true bug (Hemiptera)     | Stenodema (Stenodema) laevigata      | Stenodema (Stenodema) laevigata      | 1            | 17/05/2020  |
| insect - true bug (Hemiptera)     | Trioza remota                        | Trioza remota                        | 1            | 17/05/2020  |
| insect - true fly (Diptera)       | Baccha elongata                      | Baccha elongata                      | 1            | 17/05/2020  |
| insect - true fly (Diptera)       | Cheilosia illustrata                 | Cheilosia illustrata                 | 2            | 13/07/2020  |
| insect - true fly (Diptera)       | Chrysotoxum festivum                 | Chrysotoxum festivum                 | 1            | 13/07/2019  |
| insect - true fly (Diptera)       | Downlooker Snipefly                  | Rhagio scolopaceus                   | 1            | 17/05/2020  |
| insect - true fly (Diptera)       | Empis tessellata                     | Empis tessellata                     | 4            | 30/05/2020  |

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| Taxon Group                 | Common Name                  | Scientific Name              | Record Count | Latest date |
|-----------------------------|------------------------------|------------------------------|--------------|-------------|
| insect - true fly (Diptera) | Epistrophe eligans           | Epistrophe eligans           | 1            | 07/05/2018  |
| insect - true fly (Diptera) | Eriothrix rufomaculata       | Eriothrix rufomaculata       | 1            | 04/08/2019  |
| insect - true fly (Diptera) | Eristalinus sepulchralis     | Eristalinus sepulchralis     | 1            | 17/05/2020  |
| insect - true fly (Diptera) | Eristalis                    | Eristalis                    | 1            | 18/08/2019  |
| insect - true fly (Diptera) | Eristalis nemorum            | Eristalis nemorum            | 1            | 18/08/2019  |
| insect - true fly (Diptera) | Eristalis pertinax           | Eristalis pertinax           | 1            | 17/05/2020  |
| insect - true fly (Diptera) | Eupeodes corollae            | Eupeodes corollae            | 1            | 11/07/2020  |
| insect - true fly (Diptera) | Eupeodes luniger             | Eupeodes luniger             | 1            | 30/05/2020  |
| insect - true fly (Diptera) | Fever Fly                    | Dilophus febrilis            | 1            | 02/05/2004  |
| insect - true fly (Diptera) | Helophilus hybridus          | Helophilus hybridus          | 1            | 17/05/2020  |
| insect - true fly (Diptera) | Helophilus pendulus          | Helophilus pendulus          | 8            | 07/06/2021  |
| insect - true fly (Diptera) | Leucozona lucorum            | Leucozona lucorum            | 2            | 17/05/2020  |
| insect - true fly (Diptera) | Melanostoma scalare          | Melanostoma scalare          | 2            | 17/05/2020  |
| insect - true fly (Diptera) | Myathropa florea             | Myathropa florea             | 5            | 30/05/2020  |
| insect - true fly (Diptera) | Nephrotoma appendiculata     | Nephrotoma appendiculata     | 1            | 17/05/2020  |
| insect - true fly (Diptera) | Platycheirus albimanus       | Platycheirus albimanus       | 1            | 11/07/2020  |
| insect - true fly (Diptera) | Portevinia maculata          | Portevinia maculata          | 1            | 19/05/2018  |
| insect - true fly (Diptera) | Scathophaga stercoraria      | Scathophaga stercoraria      | 1            | 17/05/2020  |
| insect - true fly (Diptera) | Sphaerophoria scripta        | Sphaerophoria scripta        | 1            | 18/08/2019  |
| insect - true fly (Diptera) | St Marks Fly                 | Bibio marci                  | 4            | 19/04/2019  |
| insect - true fly (Diptera) | Syrphus                      | Syrphus                      | 1            | 13/07/2020  |
| insect - true fly (Diptera) | Tipula vernalis              | Tipula vernalis              | 1            | 17/05/2020  |
| insect - true fly (Diptera) | Volucella inanis             | Volucella inanis             | 3            | 25/07/2020  |
| insect - true fly (Diptera) | Xylota segnis                | Xylota segnis                | 2            | 17/07/2020  |
| insect - true fly (Diptera) | Xyphosia miliaria            | Xyphosia miliaria            | 1            | 17/07/2020  |
| lichen                      | Xanthoria candelaria s. str. | Xanthoria candelaria s. str. | 2            | 24/01/1998  |
| liverwort                   | Crescent-cup Liverwort       | Lunularia cruciata           | 2            | 01/03/2020  |
| liverwort                   | Overleaf Pellia              | Pellia epiphylla             | 1            | 03/05/2009  |
| liverwort                   | Variable-leaved Crestwort    | Lophocolea heterophylla      | 1            | 03/05/2009  |
| millipede                   | Striped Millipede            | Ommatoiulus sabulosus        | 1            | 17/05/2020  |
| millipede                   | White-legged Snake Millipede | Tachypodoiulus niger         | 1            | 17/05/2020  |

## NEW CARRINGTON

| Taxon Group        | Common Name                           | Scientific Name                       | Record Count | Latest date |
|--------------------|---------------------------------------|---------------------------------------|--------------|-------------|
| mollusc            | Arion (Kobeltia) agg.                 | Arion (Kobeltia) agg.                 | 1            | 02/05/2004  |
| mollusc            | Common Garden Snail                   | Cornu aspersum                        | 1            | 17/05/2020  |
| mollusc            | Dusky Slug                            | Arion (Mesarion) subfuscus            | 1            | 02/05/2004  |
| mollusc            | Strawberry Snail                      | Trochulus (Trochulus) striolatus      | 1            | 17/05/2020  |
| mollusc            | White-lipped Snail                    | Cepaea (Cepaea) hortensis             | 3            | 17/05/2020  |
| moss               | Atrichum undulatum                    | Atrichum undulatum                    | 1            | 03/05/2009  |
| moss               | Bank Haircap                          | Polytrichum formosum                  | 1            | 14/10/2011  |
| moss               | Bog Moss                              | Sphagnum                              | 1            | 04/03/2017  |
| moss               | Bud-headed Groove-moss                | Aulacomnium androgynum                | 1            | 03/05/2009  |
| moss               | Cape Thread-moss                      | Orthodontium lineare                  | 1            | 03/05/2009  |
| moss               | Capillary Thread-moss                 | Bryum capillare                       | 1            | 03/05/2009  |
| moss               | Clustered Feather-moss                | Rhynchostegium confertum              | 1            | 03/05/2009  |
| moss               | Common Bladder-moss                   | Physcomitrium pyriforme               | 1            | 03/05/2009  |
| moss               | Common Cord-moss                      | Funaria hygrometrica                  | 1            | 30/03/1997  |
| moss               | Common Feather-moss                   | Kindbergia praelonga                  | 1            | 03/05/2009  |
| moss               | Common Haircap                        | Polytrichum commune s.l.              | 4            | 10/10/2020  |
| moss               | Common Pocket-moss                    | Fissidens taxifolius                  | 1            | 03/05/2009  |
| moss               | Creeping Feather-moss                 | Amblystegium serpens                  | 1            | 02/05/1997  |
| moss               | Cypress-leaved Plait-moss             | Hypnum cupressiforme                  | 1            | 03/05/2009  |
| moss               | Dune Thread-moss                      | Bryum dichotomum                      | 1            | 03/05/2009  |
| moss               | Elegant Silk-moss                     | Pseudotaxiphyllum elegans             | 1            | 03/05/2009  |
| moss               | Feathery Bog-moss                     | Sphagnum cuspidatum                   | 1            | 10/10/2020  |
| moss               | Field Forklet-moss                    | Dicranella staphylina                 | 1            | 03/05/2009  |
| moss               | Flat-topped Bog-moss                  | Sphagnum fallax                       | 1            | 10/10/2020  |
| moss               | Fringed Bog-moss                      | Sphagnum fimbriatum                   | 1            | 10/10/2020  |
| moss               | Golden Thread-moss                    | Leptobryum pyriforme                  | 1            | 03/05/2009  |
| moss               | Kneiff's Feather-moss                 | Leptodictyum riparium                 | 1            | 03/05/2009  |
| moss               | Lesser Pocket-moss                    | Fissidens bryoides s.l.               | 1            | 03/05/2009  |
| moss               | Pellucid Four-tooth Moss              | Tetraphis pellucida                   | 1            | 03/05/2009  |
| moss               | Pohlia wahlenbergii var. wahlenbergii | Pohlia wahlenbergii var. wahlenbergii | 1            | 03/05/2009  |
| moss               | Redshank                              | Ceratodon purpureus                   | 1            | 03/05/2009  |
| moss               | Rough-stalked Feather-moss            | Brachythecium rutabulum               | 2            | 03/05/2009  |
| moss               | Silky Forklet-moss                    | Dicranella heteromalla                | 1            | 03/05/2009  |
| moss               | Silver-moss                           | Bryum argenteum                       | 1            | 30/03/1997  |
| moss               | Spiky Bog-moss                        | Sphagnum squarrosum                   | 1            | 10/10/2020  |
| moss               | Swan's-neck Thyme-moss                | Mnium hornum                          | 3            | 14/10/2011  |
| moss               | Wood Bristle-moss                     | Lewinskya affinis                     | 1            | 03/05/2009  |
| reptile            | Red-eared Terrapin                    | Pond Slider                           | 7            | 07/09/2017  |
| reptile            | Slow-worm                             | Anguis fragilis                       | 1            | 05/08/2003  |
| spider (Araneae)   | Nursery Web Spider                    | Pisaura mirabilis                     | 1            | 22/03/2020  |
| terrestrial mammal | American Mink                         | Neovison vison                        | 9            | 20/03/2018  |
| terrestrial mammal | Bank Vole                             | Myodes glareolus                      | 4            | 08/04/2015  |
| terrestrial mammal | Bat                                   | Chiroptera                            | 2            | 18/04/2022  |

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| Taxon Group        | Common Name             | Scientific Name                  | Record Count | Latest date |
|--------------------|-------------------------|----------------------------------|--------------|-------------|
| terrestrial mammal | Brown Hare              | <i>Lepus europaeus</i>           | 2            | 02/05/2010  |
| terrestrial mammal | Brown Rat               | <i>Rattus norvegicus</i>         | 4            | 13/05/2022  |
| terrestrial mammal | Common Pipistrelle      | <i>Pipistrellus pipistrellus</i> | 12           | 25/07/2019  |
| terrestrial mammal | Eastern Grey Squirrel   | <i>Sciurus carolinensis</i>      | 84           | 08/10/2022  |
| terrestrial mammal | Eurasian Badger         | <i>Meles meles</i>               | 28           | 24/02/2020  |
| terrestrial mammal | Eurasian Common Shrew   | <i>Sorex araneus</i>             | 9            | 04/08/2020  |
| terrestrial mammal | Eurasian Otter          | <i>Lutra lutra</i>               | 1            | 15/08/2015  |
| terrestrial mammal | Eurasian Pygmy Shrew    | <i>Sorex minutus</i>             | 1            | 04/07/2020  |
| terrestrial mammal | European Mole           | <i>Talpa europaea</i>            | 19           | 04/11/2022  |
| terrestrial mammal | European Rabbit         | <i>Oryctolagus cuniculus</i>     | 70           | 25/08/2022  |
| terrestrial mammal | European Water Vole     | <i>Arvicola amphibius</i>        | 12           | 09/10/2020  |
| terrestrial mammal | Field Vole              | <i>Microtus agrestis</i>         | 1            | 12/08/2019  |
| terrestrial mammal | House Mouse             | <i>Mus musculus</i>              | 1            | 29/08/2015  |
| terrestrial mammal | Noctule Bat             | <i>Nyctalus noctula</i>          | 6            | 21/02/2020  |
| terrestrial mammal | Pipistrelle Bat species | <i>Pipistrellus</i>              | 4            | 22/10/2015  |
| terrestrial mammal | Polecat                 | <i>Mustela putorius</i>          | 1            | 29/03/2008  |
| terrestrial mammal | Red Fox                 | <i>Vulpes vulpes</i>             | 54           | 17/05/2022  |
| terrestrial mammal | Soprano Pipistrelle     | <i>Pipistrellus pygmaeus</i>     | 3            | 23/07/2019  |
| terrestrial mammal | Stoat                   | <i>Mustela erminea</i>           | 3            | 04/04/2022  |
| terrestrial mammal | Weasel                  | <i>Mustela nivalis</i>           | 1            | 28/10/2014  |
| terrestrial mammal | West European Hedgehog  | <i>Erinaceus europaeus</i>       | 3            | 18/04/2022  |
| terrestrial mammal | Wood Mouse              | <i>Apodemus sylvaticus</i>       | 2            | 26/02/2017  |