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eCountability

An Ecological Data Search for Harefield Grove, Harefield, Uxbridge

On behalf of
James Blake Associates

Report reference 11899aw



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1.0 Introduction

An ecological data search for Harefield Grove, Harefield, Uxbridge and surrounding land to a 2000m radius on behalf of James Blake Associates.

The following report was compiled by eCountability Ltd on behalf of James Blake Associates, to provide ecological information for the above site. This report may include information on statutory sites, non-statutory sites, species records, habitat or open space information held by GiGL, as requested for the above search area. The boundaries of this search area are defined in the maps in Annex A and lie within the London Borough(s) of Hillingdon.

Important information about this report

The data provided within this report is for the **internal** use of James Blake Associates (which includes the client where applicable) to inform understanding of the site of interest for **1 year** in accordance with the terms and conditions agreed to on request of the search.

The data provided must not be distributed or published for an external or public audience, for example within the appendix of a report. Local Planning Authorities may request a copy of the data from GiGL either via their Service Level Agreement (most boroughs are GiGL partners) or as a data search.

The report is compiled using data held by GiGL at the time of the request. GiGL takes the accuracy of our data holdings very seriously and the Recorder Advisory Group is set up to help with this important task to ensure what we provide to you is the best data possible for your needs.

GiGL is constantly striving to improve the coverage and currency of its data holdings. We would be interested in hearing from you if you are able to submit species or habitat data arising from field surveys.



2.0 Statutory Sites and Local Nature Reserves

A desk-based search shows that there are 3 sites with European or National statutory designation within the search area and one LNR.

Any citations currently available for the statutory sites within the search area can be seen on the following pages.

Statutory site designations:

- Special Area of Conservation (SAC)
- Special Protection Area (SPA)
- Ramsar sites
- Site of Special Scientific Interest (SSSI)
- National Nature Reserve (NNR)
- Local Nature Reserve (LNR)

For further explanations of the designations please see the “Supporting Information” annex. Please note that statutory citations are legal documents, the content of which is fixed and true at the time of designation. Species referred to in the citations may not be present on site today. Citations may have been written based on data not held by GiGL.

Site Name: Harefield Pit

District: Hillingdon

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

Local Planning Authority: London Borough of Hillingdon

National Grid Reference: TQ 049898 **Area:** 1.8 hectares

Description and Reasons for Notification:

Harefield Pit provides a key section in the London Basin for a sequence through the Upper Chalk, Reading Beds and London Clay. It is also the only known site for calcareous floral remains in the Reading Beds.

The site covers part of a disused chalk quarry which has been infilled leaving only the upper faces exposed above ground level. These display a superb Tertiary section including the contact between the Upper Chalk and the Reading Beds, which has here been intensively bored by crustaceans. The faces also show a full section through the Reading Beds, up into mottled fluviatile clays of the Upper Reading Beds. These are overlain by sandy clays with a diverse marine fauna, comprising the Harefield Member of the London Clay, for which this is the stratotype locality.

Harefield Pit is additionally of particular interest as the only known source of Charophytes in the Reading Beds. These are important palaeo - environmental indicators, and have potential for correlation with other coeval localities in Europe. The overlying London Clay Basement Bed has also yielded plant material.

Site Name: Mid Colne Valley

District: Hillingdon, South Buckinghamshire

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

Local Planning Authority: Hillingdon Borough Council, South Bucks District Council, Buckinghamshire County Council

National Grid Reference: TQ 043896 **Area:** 132.0 hectares

Description and Reasons for Notification:

The Mid Colne Valley is of significant ornithological interest, particularly for the diversity of breeding woodland and wetland birds, and for the numbers of wintering wildfowl. On the eastern valley slope is one of the last remaining examples of unimproved chalk grassland in Greater London.

The site represents a cross-section of the River Colne flood-plain and the adjoining valley slopes; these rise abruptly to the east and west and lie on Upper Chalk with pebbly clay capping the higher western slopes. An extensive series of flooded pits occupy much of the flood-plain resulting from the gradual and continuing extraction of underlying river gravels. The main and most northern pit, known locally as Broadwater, is one of the largest expanses of open water in the Colne Valley and is unusual with its scattering of small wooded islands. Around the pits and on the dividing causeways are remnants of the original alluvial grasslands and valley alderwoods. These grade into various types of beech and hornbeam woodland and mixed scrub on the western slopes.

The ornithological interest of the site is considerable with over 70 breeding and 80 wintering species of bird regularly recorded. This high diversity reflects the close proximity of the wide range of habitats present: woodland, scrub, grassland, running and standing water, marginal fen and gravel banks. Breeding woodland birds include kestrel, lesser whitethroat, nuthatch, tawny owl and three species of woodpecker. The gravel pits and River Colne attract one of the most important wetland breeding bird communities in Greater London and the Colne Valley: coot, greylag goose, little ringed plover, kingfisher, mute swan and tufted duck nest regularly, while others such as gadwall and shoveler are resident and occasionally breed. Recently a heronry has become established on the islands in Broadwater and is expanding rapidly. Many species of wintering wildfowl are attracted to the extensive water areas; the numbers of tufted duck frequently reach levels of national importance, and pochard and shoveler occasionally reach levels of similar significance. In winter Broadwater's islands are also the site of a large cormorant roost.

Coppermill Down on the east side of the valley contains an area of chalk grassland and scrub in which downland grasses such as upright brome *Bromus erectus* and yellow oat-grass *Trisetum flavescens* are abundant. Among these grasses typical chalk herbs occur including dwarf thistle *Cirsium acaule*, rough hawkbit *Leontodon hispidus*, fairy flax *Linum catharticum* and cowslip *Primula veris*. The Down is also one of the few remaining sites in North London for pyramidal orchid *Anacamptis pyramidalis* and bee orchid *Ophrys apifera*.

The banks of the gravel pits, although of relatively recent origin, already support a variety of willow species and many fen plants such as water plantain *Alisma plantago-aquatica*, yellow iris *Iris pseudacorus* and gipsywort *Lycopus europaeus*. In sheltered areas where the banks are gently shelving more extensive stands of tall swamp vegetation occur, comprising mainly common reed *Phragmites australis* and bulrush *Typha latifolia*. The relatively unimproved stretch of the River Colne adds further diversity to the range of wetland habitats. Above the river-side alderwoods, a steep chalk escarpment gives rise to a beech hanger wood with ash and pedunculate oak. The

woodland is notable for an abundance of coralroot *Cardamine bulbifera*, a plant with a nationally restricted distribution, but a characteristic species of long established woodland on calcareous soils in this locality.

Other Information:

This area comprises the sites formerly known as Harefield Moor and Coppermill Down, Greater London, and Ranston Covert, Buckinghamshire. Harefield (Chalk) Pit (previously part of the London site) is a separate site. There are several minor boundary amendments.

Site Name: Old Park Wood

District: Hillingdon

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

Local Planning Authority: London Borough of Hillingdon

National Grid Reference: TQ 046913 **Area:** 16.7 hectares

Description and Reasons for Notification:

Old Park Wood comprises some of the most floristically rich ancient woods in Greater London and contains complex transitions through examples of widely differing woodland types.

The site lies on a steep west-facing slope of the Colne Valley and is deeply dissected by a network of small valleys which expose a series of geological deposits ranging from glacial sand and gravels on the highest parts, through pebbly clay and sand of the Reading Beds, to Upper Chalk in the lower valleys. The wide range of soils derived from these deposits together with variations in topography and drainage are reflected by a complex series of woodland types.

Birch-pedunculate oak woods and dense stands of bracken *Pteridium aquilinum* occupy the upper strongly acidic gravels; these grade into acid pedunculate oak-ash-beech stands below, while in the damp and calcium rich valleys floristically diverse pedunculate oak-ash woods predominate. Old hazel coppice occurs throughout these areas and becomes dominant in places. Some of the plants found in the field layer have a localised distribution and are a special feature of the woods, for example coralroot *Cardamine bulbifera* and thin-spiked wood-sedge *Carex strigosa*. Others, including opposite-leaved golden saxifrage *Chrysosplenium oppositifolium*, early-purple orchid *Orchis mascula* and southern wood rush *Luzula forsteri* are scarce in Greater London north of the Thames. Several of the herbaceous species are indicative of long-established, ancient woodland.

Springlines, stream channels, wet hollows, a silted pond and an old chalk flint pit add to the diverse morphology of the site and increase the diversity of plants and animals. The flushed areas near the valley heads support examples of springline alder woods. These and the pedunculate oak-ash-woods down valley contain particularly rich communities of woodland herbs including wood spurge *Euphorbia amygdaloides*, yellow pimpernel *Lysimachia nemorum*, sanicle *Sanicula europaea*, marsh marigold *Caltha palustris* and dog's mercury *Mercurialis perennis*. The old pit and adjoining cutting have an interesting flora and are known for colonies of nettle-leaved bellflower *Campanula trachelium*, early dog-violet *Viola reichenbachiana* and yellow archangel *Lamium galeobdolon*. Bramble *Rubus fruticosus* and bluebell *Hyacinthoides non-scripta* are common in most areas and are abundant on the valley slopes.

The woods attract a good variety of birds, particularly in winter, and are noted for a locally important breeding community which includes nuthatch and all three species of woodpecker.

Other Information:

The south-east part of the site is owned and managed by the Hertfordshire and Middlesex Trust for Nature Conservation. The south-west and north parts are covered by a Tree Preservation Order. There are several boundary amendments.



Name	Stockers Lake
Status	Local Nature Reserve (LNR)
Area	36.93 hectares
Grid reference	TQ 047 935
Planning Authority	
Owner/Manager	
Scientific interest/Existing use of site	
Reasons for declaration	

Please see the Borough Contacts page in this report if you require further details from the relevant Local Authority.

3.0 Non-Statutory Sites

A desk-based search shows that there are 23 SINC's and one RIGS/LIGS within the search area.



3.1 Sites of Importance for Nature Conservation

Introduction

Sites of Importance for Nature Conservation (SINCs) are recognised by the Greater London Authority and London borough councils as important wildlife sites.

There are three tiers of sites:

- Sites of Metropolitan Importance
- Sites of Borough Importance (borough I and borough II)
- Sites of Local Importance

The *London Plan* identifies the need to protect biodiversity and to provide opportunities for access to nature. The *Mayor's Biodiversity Strategy* sets out criteria and procedures for identifying such land for protection in Local Development Frameworks. A London Wildlife Sites Board (LWSB) has been established to provide support and guidance on the selections of SINCs.

The boundaries and site grades reflect the most recent consideration of each site, details of which are available from London borough councils. Note that boundaries and grades may change as new information becomes available. For further explanations of the designations please see the "Supporting Information" annex.

Areas of Deficiency (AoD) are defined as built-up areas more than one kilometre actual walking distance from an accessible Metropolitan or borough site. AoD areas can be seen on the SINC map.

GiGL manage a **dataset of spaces designated as public open space categorised according to a site hierarchy documented in The London Plan (Table 7.2)**.

Information on public open spaces sites are displayed within the open space table.

Citations

Citations currently available for SINCs within the search area can be seen on the following pages.

Please note that the content of SINC citations is reviewed periodically and that species referred to in the citations may not be present on site today. Citations may have been written based on data not held by GiGL.

Metropolitan

Site Reference:	M006
Site Name:	London's Canals
Summary:	London's canals provide a home for many fish and aquatic plants, and are a great way to enjoy the natural world in some of the city's most built-up areas.
Grid ref:	TQ 202 833
Area (ha):	189.66
Borough(s):	Brent, Camden, Ealing, Hackney, Hammersmith and Fulham, Hillingdon, Hounslow, Islington, Kensington and Chelsea, Tower Hamlets, Westminster
Habitat(s):	Amenity grassland, Bare ground, Canal, Planted shrubbery, Ruderal, Scattered trees, Scrub, Secondary woodland, Semi-improved neutral grassland, Tall herbs, Vegetated wall/tombstones, Wet marginal vegetation, Wet woodland/carr
Access:	Free public access (all/most of site)
Ownership:	Canal & River Trust

Site Description:

London's canals support a wide range of aquatic flora, amongst which are found a number of locally uncommon species. These include narrow-leaved water plantain (*Alisma lanceolatum*), rigid hornwort (*Ceratophyllum demersum*) and shining pondweed (*Potamogeton lucens*), all species of clean, clear waters. Many waterside plants, including several London rarities, also grow on the brickwork and banks of the canal. The canals also support an important invertebrate fauna (including several species of dragon/damselflies), a diverse fish community, and breeding waterfowl. London's network of canals fulfill an important function in allowing nature into heavily built-up environments. The towpath and associated areas of waste ground, especially in East London, support a number of uncommon species of disturbed ground. The whole of the Grand Union Canal system in London, including the Regent's and Hertford Union Canals, is included in this single Metropolitan site.

Site first notified:	01/04/1986	Boundary last changed:	27/06/2013
Citation last edited:	23/06/2014	Mayor Agreed:	25/11/2002
Defunct:	N		
Last Updated:	06/06/2019		

Metropolitan

Site Reference: M010

Site Name: Old Park Wood

Summary: A fine ancient wood, rich in woodland wild flowers.

Grid ref: TQ 046 913

Area (ha): 23.52

Borough(s): Hillingdon

Habitat(s): Ancient woodland

Access: Free public access (all/most of site)

Ownership: Herts & Middlesex Wildlife Trust, London Borough of Hillingdon and Private

Site Description:

A sizeable woodland, mostly ancient, with a good variety of woodland stand-types due to variations in geology and topography. The site supports a particularly rich flora, including the nationally scarce coralroot (*Cardamine bulbifera*), and London rarities opposite-leaved golden-saxifrage (*Chrysosplenium oppositifolium*), southern woodrush (*Luzula forsteri*) and early-purple orchid (*Orchis mascula*). Thin-spiked wood-sedge (*Carex strigosa*) occurs here at its only Middlesex locality. The woodland avifauna includes all three British woodpecker species and nuthatch. Partly managed as a Herts. & Middlesex Wildlife Trust nature reserve. A Site of Special Scientific Interest.

Site first notified: 01/04/1986 **Boundary last changed:** 01/01/1988

Citation last edited: 05/11/2004 **Mayor Agreed:** 25/11/2002

Defunct: N

Last Updated: 14/03/2007

Metropolitan

Site Reference:	M045
Site Name:	Mid Colne Valley
Summary:	A section of the Colne Valley with a remarkable range of high-quality wetland habitats, including three Sites of Special Scientific Interest.
Grid ref:	TQ 044 894
Area (ha):	321.17
Borough(s):	Hillingdon
Habitat(s):	Ancient woodland, Marsh/swamp, Pond/lake, Running water, Wet ditches, Wet grassland, Wet woodland/carr
Access:	Free public access (part of site)
Ownership:	Buckinghamshire County Council, London Borough of Hillingdon, Surrey County Council and Three Rivers District Council

Site Description:

This section of the Colne Valley includes a diverse range of high quality habitats. Several waterways include the Frays River, from which 53 species of aquatic and wetland plants have been recorded. The unimproved wet pastures of Frays Farm Meadows (a Site of Special Scientific Interest and Local Nature Reserve managed by the London Wildlife Trust and Hillingdon Natural History Society) support a very rich flora, including locally uncommon species such as marsh-marigold (*Caltha palustris*) and ragged-robin (*Lychnis flos-cuculi*). The invertebrate fauna includes the locally declining glow-worm (*Lampyrus noctiluca*). The meadows support wintering waders such as snipe, as well as a population of harvest mice. The adjacent Denham Lock Wood (also Site of Special Scientific Interest) is one of few wet alder-willow woods in London, and supports a rich fen flora including the very localised small teasel (*Dipsacus pilosus*). Invertebrates here include the nationally rare species Desmoulin's whorl snail (*Vertigo moulinsiana*) and the balsam carpet moth. The extensive flooded gravel pits are very important for breeding and wintering waterfowl, and also for passage migrants. Several of the gravel pits are part of a third Site of Special Scientific Interest. The site is important for its population of the specially-protected water vole and there are also recent reports of otters in the vicinity.

Site first notified:	19/09/1988	Boundary last changed:	28/03/1994
Citation last edited:	19/09/2005	Mayor Agreed:	25/11/2002
Defunct:	N		
Last Updated:	14/03/2007		



Metropolitan

Site Reference:	M057
Site Name:	Springwell and Stocker's Lakes
Summary:	These flooded gravel pits support many types of water bird, making them popular with birdwatchers.
Grid ref:	TQ 042 929
Area (ha):	41.83
Borough(s):	Hillingdon
Habitat(s):	Pond/lake, Reed bed, Running water, Scrub, Semi-improved neutral grassland
Access:	Free public access (all/most of site)
Ownership:	Private

Site Description:

A site of great ornithological importance. These flooded former gravel workings support a range of wintering waterfowl, including good numbers of coot, tufted duck, gadwall, shoveler, teal and pochard, with smaller numbers of numerous other species including goosander, goldeneye and occasional smew. The site supports one of London's few heronries, and other breeding birds include reed bunting, reed warbler and sedge warbler. The Springwell reedbed is also used in winter by roosting corn buntings, a UK Biodiversity Action Plan species. A very popular site with birdwatchers, who are attracted by the high diversity of passage migrants. Both lakes support large and diverse populations of fish. The site supports specially-protected water voles and there are also recent signs of otters in the vicinity. There is free access to both reserves which are managed by the Herts & Middlesex Wildlife Trust.

Site first notified:	19/09/1988	Boundary last changed:	30/11/2005
Citation last edited:	01/12/2005	Mayor Agreed:	25/11/2002
Defunct:	N		
Last Updated:	01/12/2005		

Metropolitan

Site Reference: M058

Site Name: Coppermill Down

Summary: The only natural chalk grassland in north London, with an excellent range of wild flowers.

Grid ref: TQ 043 907

Area (ha): 7.08

Borough(s): Hillingdon

Habitat(s): Chalk grassland

Access: Access on public footpaths only

Ownership: Private

Site Description:

This site comprises the only natural chalk grassland in London north of the Thames. It supports a diverse flora, with typical downland species such as upright brome (*Bromopsis erecta*), dwarf thistle (*Cirsium acaule*), salad burnet (*Sanguisorba minor*), fairy flax (*Linum catharticum*) and cowslip (*Primula veris*). Other locally uncommon plants include common calamint (*Clinopodium ascendens*), common restharrow (*Ononis repens*) and deadly nightshade (*Atropa belladonna*). Several species of orchids occur, including pyramidal (*Anacamptis pyramidalis*) and bee (*Ophrys apifera*). The site also has an important invertebrate fauna. Part of the Mid Colne Valley Site of Special Scientific Interest.

Site first notified: 19/09/1988 **Boundary last changed:** 01/01/1988

Citation last edited: 19/09/2005 **Mayor Agreed:** 25/11/2002

Defunct: N

Last Updated: 14/03/2007

Borough Grade I

Site Reference:	HiBI01A
Site Name:	Springwell Lane Chalk Pit
Summary:	An old chalk pit with habitats from bare chalk cliff to woodland, supporting several rare plants.
Grid ref:	TQ 045 930
Area (ha):	7.86
Borough(s):	Hillingdon
Habitat(s):	Chalk cliffs, Chalk grassland, Scrub, Secondary woodland
Access:	No public access
Ownership:	Private

Site Description:

One of four chalk pits in the east Colne Valley, Springwell Lane Chalk Pit has a mosaic of habitats from bare rock face through species-rich sward to chalk scrub and early woodland. Several locally scarce, chalk-loving plants are present, including frequent ploughman's spikenard (*Inula conyzae*), yellow-wort (*Blackstonia perfoliata*), eyebright (*Euphrasia nemorosa*), salad burnet (*Sanguisorba minor*) and occasional musk mallow (*Malva moschata*), mouse-ear hawkweed (*Pilosella officinarum*) and wild strawberry (*Fragaria vesca*). In a wet area at the bottom of the pit are a few plants of hemp-agrimony (*Eupatorium cannabinum*) and occasional water figwort (*Scrophularia auriculata*). The southern part of the pit supports a range of ruderal species. Scrub covers much of the rest of the base of the pit and the lower slopes. Small areas of sycamore (*Acer pseudoplatanus*) dominated woodland present, generally at the quarry edges.

Site first notified:	01/01/1988	Boundary last changed:	01/01/1988
Citation last edited:	29/12/2005	Mayor Agreed:	
Defunct:	N		
Last Updated:	29/12/2005		

Borough Grade I

Site Reference: HiBI01B
Site Name: Springwell Pit Wood
Summary: A fine beech woodland which has developed in an old chalk pit.
Grid ref: TQ 044 923
Area (ha): 1.67
Borough(s): Hillingdon
Habitat(s): Secondary woodland, Semi-improved neutral grassland
Access: No public access
Ownership: Private

Site Description:

This narrow woodland set among grazing pastures was once a chalk pit, one of four old chalk pits in the east Colne Valley. It is dominated by beech (*Fagus sylvatica*) with holly (*Ilex aquifolium*) and elder (*Sambucus nigra*) to the north, whereas the south comprises pedunculate oak (*Quercus robur*), English elm (*Ulmus procera*), wild cherry (*Prunus avium*) and ash (*Fraxinus excelsior*). Wood forget-me-not (*Myosotis sylvatica*) is present. Areas of quite flower-rich grassland to the west include thyme-leaved- and germander speedwell (*Veronica serpyllifolia* and *V. chamaedrys*).

Site first notified: 01/01/1988 **Boundary last changed:** 01/01/1988
Citation last edited: 29/12/2005 **Mayor Agreed:**
Defunct: N
Last Updated: 27/03/2006

Borough Grade I

Site Reference:	HiBI01C
Site Name:	Summerhouse Lane Chalk Pit
Summary:	An old chalk pit with flower-rich grassland and patches of woodland, scrub and wetland.
Grid ref:	TQ 043 918
Area (ha):	10.5
Borough(s):	Hillingdon
Habitat(s):	Chalk cliffs, Chalk grassland, Hedge, Marsh/swamp, Scrub, Secondary woodland
Access:	Free public access (part of site)
Ownership:	Private

Site Description:

One of four old chalk pits in the east Colne Valley, Summerhouse Lane Chalk Pit contains a good range of high quality habitats. The flower-rich grassland is dominated by red fescue (*Festuca rubra*), burnet saxifrage (*Pimpinella saxifraga*), fairy flax (*Linum catharticum*) and common restharrow (*Ononis repens*), and supports a high diversity of invertebrates. Hemp-agrimony (*Eupatorium cannabinum*) and red bartsia (*Odontites verna*) occur in the short sward near the cliff bases. The long-winged conehead (*Conocephalus discolor*), a bush-cricket which is scarce in London, is present.

Water mint (*Mentha aquatica*) and marsh thistle (*Cirsium palustre*) occur by the canal, with unbranched bur-reed (*Sparganium emersum*) and arrowhead (*Sagittaria sagittifolia*). There is a small copse and hedgerow at the northern boundary dominated by large field maples (*Acer campestre*). Ground flora in the ash (*Fraxinus excelsior*) woodland includes bluebell (*Hyacinthoides non-scripta*), stinking Iris (*Iris foetidissima*) and woodruff (*Gallium odoratum*). The woodland is valuable for birds and mammals.

Site first notified:	01/01/1988	Boundary last changed:	08/09/2005
Citation last edited:	29/12/2005	Mayor Agreed:	
Defunct:	N		
Last Updated:	25/04/2006		



Borough Grade I

Site Reference: HiBI01D
Site Name: Harefield Chalk Pit
Summary: Oak woodland which has developed in an old chalk pit.
Grid ref: TQ 049 899
Area (ha): 5.29
Borough(s): Hillingdon
Habitat(s): Secondary woodland, Semi-improved neutral grassland
Access: No public access
Ownership: Private

Site Description:

One of four old chalk pits in the east Colne Valley, Harefield Pit comprises a strip of dense woodland on steeply undulating raised ground to the south, and a wooded seasonally damp basin to the north. Part of the southern wood is a Site of Special Scientific Interest.

The woodlands are dominated by pedunculate oak (*Quercus robur*), hawthorn (*Crataegus monogyna*) and elder (*Sambucus nigra*). Grassland between the woodlands comprises Yorkshire fog (*Holcus lanatus*), perennial rye-grass (*Lolium perenne*), goat's-rue (*Galega officinalis*) and frequent crested dog's-tail (*Cynosurus cristatus*). Includes a Geological Site of Special Scientific Interest.

Site first notified: 01/01/1988 **Boundary last changed:** 01/01/1988

Citation last edited: 29/12/2005 **Mayor Agreed:**

Defunct: N

Last Updated: 07/02/2007

Borough Grade I

Site Reference:	HiBI04
Site Name:	Harefield Churchyard and Wood
Summary:	A picturesque 14th century parish church and cemetery.
Grid ref:	TQ 049 899
Area (ha):	4.16
Borough(s):	Hillingdon
Habitat(s):	Ancient woodland, Bare ground, Marsh/swamp, Pond/lake, Secondary woodland
Access:	Free public access (all/most of site)
Ownership:	Diocese of London and London Borough of Hillingdon

Site Description:

A picturesque 14th century parish church and cemetery with several old trees including yew (*Taxus baccata*), pedunculate oak (*Quercus robur*), walnut (*Juglans regia*), ash (*Fraxinus excelsior*) and holly (*Ilex aquifolium*). There is a small wooded patch of common lime (*Tilia x europaea*) and horse chestnut (*Aesculus hippocastanum*) used as a garden waste depository. The grassland around the graves is not particularly rich in species, whereas patches of taller grasses and herbs are potentially more beneficial to wildlife. There is a scattering of lichens on gravestones and churchyard walls, although many more would be expected.

To the east of the churchyard is a small, well-structured, probably ancient, woodland comprising both native and introduced species having grown to impressive heights. There is evidence of hazel (*Corylus avellana*) coppicing. The canopy is dominated by horse chestnut with abundant pedunculate oak and ash, and less abundant common lime, beech (*Fagus sylvatica*), grey poplar (*Populus canescens*) and sweet chestnut (*Castanea sativa*). The understorey is dominated by hazel, hawthorn (*Crataegus monogyna*), field maple (*Acer campestre*) and elder, with midland hawthorn (*Crataegus laevigata*), English elm, sycamore and holly being frequent or occasional. The ground flora consists of dense patches of dog's mercury (*Mercurialis perennis*), bramble (*Rubus fruticosus* agg.) and common nettle (*Urtica dioica*). The nationally scarce coralroot (*Cardamine bulbifera*) is present in the wood, along with goldilocks buttercup (*Ranunculus auricomus*), which is uncommon in London.

The three ponds in the woodland are heavily shaded by trees, and have a build up of branches and leaf litter tending towards a later successional stage. Common duckweed (*Lemna minor*) blankets the two ponds with standing water whereas the third is a patch of damp mud. The wetland flora includes locally abundant nodding bur-marigold (*Bidens cernua*) and water forget-me-not (*Myosotis scorpioides*), both scarce in London. Other plants present are celery-leaved buttercup (*Ranunculus sceleratus*), water plantain (*Alisma plantago-aquatica*) and water-cress (*Rorippa nasturtium-aquaticum*).

Site first notified:	01/01/1988	Boundary last changed:	01/03/1994
Citation last edited:	29/12/2005	Mayor Agreed:	
Defunct:	N		
Last Updated:	23/03/2006		

Borough Grade I

Site Reference:	HiBI05
Site Name:	Shepherd's Hill Woods and Fields
Summary:	A large mosaic of fields and small woods with thick inter-connecting hedges, creating a distinctly rural feel.
Grid ref:	TQ 068 908
Area (ha):	84.82
Borough(s):	Hillingdon
Habitat(s):	Ancient woodland, Bare ground, Bracken, Coniferous woodland, Hedge, Improved agricultural grassland, Pond/lake, Running water, Scrub, Secondary woodland, Semi-improved neutral grassland, Tall herbs, Unimproved neutral grassland
Access:	Access on public footpaths only
Ownership:	London Borough of Hillingdon and Private

Site Description:

A large mosaic of fields and small woods with thick inter-connecting hedges, creating a distinctly rural feel. The woodland canopies are generally dominated by pedunculate oak (*Quercus robur*), ash (*Fraxinus excelsior*) and hornbeam (*Carpinus betulus*) over hazel (*Corylus avellana*), field maple (*Acer campestre*), hawthorn (*Crataegus monogyna*) and midland hawthorn (*C. laevigata*). alder (*Alnus glutinosa*) and crack willow (*Salix fragilis*) are abundant in areas with wetter soil, silver birch (*Betula pendula*) in open areas and beech (*Fagus sylvatica*) in poor soils. Locally scarce species such as wild service-tree (*Sorbus torminalis*) are present in Claypits Wood and Furzefield, and buckthorn (*Rhamnus catharticus*) in Ashain Spring. Introduced species including rhododendron (*Rhododendron ponticum*), sycamore (*Acer pseudoplatanus*) and bamboo are abundant in some woods. Several ancient woodland indicators are present including bluebell (*Hyacinthoides non-scripta*), primrose (*Primula vulgaris*) and remote sedge (*Carex remota*), whilst in damp hollows and around Kiln Pond, wetland species such as yellow iris (*Iris pseudacorus*), brooklime (*Veronica beccabunga*) and cuckooflower (*Cardamine pratensis*) occur. There are a variety of fields, with the majority being semi-improved. The best example of a species-rich sward is a horse-grazed field lying adjacent to the 'green lane' section of Jackets Lane, which contains devil's-bit scabious (*Succisa pratensis*), tormentil (*Potentilla erecta*) and meadowsweet (*Filipendula ulmaria*).

The lane itself is very wet, supporting water-pepper (*Persicaria hydropiper*), and is bounded by field maple, Midland hawthorn and elder (*Sambucus nigra*). The fields to the west of the above are also species-rich with abundant knapweed (*Centaurea nigra*), with sweet vernal-grass (*Anthoxanthum odoratum*), meadow foxtail (*Alopecurus pratensis*) and meadow vetchling (*Lathyrus pratensis*). Other fields vary in their plant diversity but all are bounded by thick hedges of oak and ash with blackthorn (*Prunus spinosa*), hawthorn, dog rose (*Rosa canina*), field rose (*R. arvensis*) and crack willow.

The woods and fields support a good range of mammals, including fox, rabbit and muntjac deer, and common birds. Public footpaths run along part of Jackets Lane, across herb-rich fields and alongside copses and hedges, enabling a feeling of being away from it all in the countryside.

Site first notified:	01/01/1988	Boundary last changed:	08/09/2005
Citation last edited:	29/12/2005	Mayor Agreed:	
Defunct:	N		
Last Updated:	29/12/2005		



Borough Grade I

Site Reference:	HiBI15
Site Name:	Medipark Site
Summary:	An interesting mosaic of habitats within the former grounds of a demolished hospital building.
Grid ref:	TQ 050 912
Area (ha):	8.04
Borough(s):	Hillingdon
Habitat(s):	Chalk grassland, Ruderal, Secondary woodland, Semi-improved neutral grassland
Access:	No public access
Ownership:	Private

Site Description:

An interesting mosaic of habitats has developed within the former grounds of a demolished hospital building, including species-rich neutral to chalk grassland, scrub and some marginal secondary woodland. This site adjoins the eastern edge of Old Park Wood.

The best of the grassland supports a sizeable population of bee orchid (*Ophrys apifera*), as well as occasional pyramidal orchid (*Anacamptis pyramidalis*), common broomrape (*Orobanche minor*), glaucous sedge (*Carex flacca*), grass vetchling (*Lathyrus nissolia*) and dwarf gorse (*Ulex minor*), all regionally restricted plants of local distribution within the borough.

The secondary woodland consists mainly of oak (*Quercus robur*) with some beech (*Fagus sylvatica*) and common hawthorn (*Crataegus monogyna*), and a ground flora of bramble (*Rubus fruticosus*) and bluebell (*Hyacinthides non-scripta*). The invertebrate fauna is likely to be of interest and includes both marbled white and common blue butterflies, as well as the nationally scarce Roesel's bush-cricket (*Metrioptera roeselii*).

Site first notified:	08/07/2002	Boundary last changed:	08/07/2002
Citation last edited:	29/12/2005	Mayor Agreed:	
Defunct:	N		
Last Updated:	12/01/2006		

Borough Grade II

Site Reference: HiBII10

Site Name: The Dairy Farm, Harefield

Summary: A small but interesting area of fields with no official public access.

Grid ref: TQ 053 902

Area (ha): 5.89

Borough(s): Hillingdon

Habitat(s): Hedge, Semi-improved neutral grassland, Unimproved neutral grassland, Wet ditches, Wet grassland

Access: No public access

Ownership: London Borough of Hillingdon and Private

Site Description:

Although relatively small, this is an interesting site with a range of habitats and a varied topography. A number of notable plants have been recorded, including sneezewort (*Achillea ptarmica*) and bog stitchwort (*Stellaria uliginosa*) in the wet grassland, soft shield-fern (*Polystichum setiferum*) in the hedges, and pedunculate water starwort (*Callitriche brutia*) and common water-crowfoot (*Ranunculus aquatilis*) in the pond and ditches. Great horsetail (*Equisetum telmatia*) is frequent in the damp south-western field.

There is no official public access to the site although there is evidence of regular recreational use.

Site first notified: 01/01/1988 **Boundary last changed:** 08/09/2005

Citation last edited: 29/12/2005 **Mayor Agreed:**

Defunct: N

Last Updated: 29/12/2005

Borough Grade II

Site Reference:	HiBII14
Site Name:	White Heath Farm and Harefield Grove
Summary:	A farmland landscape with fields, copses and hedgerows.
Grid ref:	TQ 059 917
Area (ha):	52.59
Borough(s):	Hillingdon
Habitat(s):	Arable, Hedge, Roughland, Running water, Scrub, Secondary woodland, Semi-improved neutral grassland, Unimproved neutral grassland, Wet woodland/carr
Access:	Can be viewed from adjacent paths or roads only
Ownership:	London Borough of Hillingdon and Private

Site Description:

This is a farmland landscape consisting mainly of pastures, arable fields, copses and hedgerows, and has managed to retain the rural character of the landscape. The nature conservation interest is scattered through the landscape, and some large areas of low wildlife value have been omitted from the site.

Much of the site is a mixture of improved and semi-improved, horse-grazed pastures, some of which have been ungrazed for a while. Some fields are dominated by a mix of perennial rye-grass (*Lolium perenne*) and bents (*Agrostis* spp.) whereas false oat-grass (*Arrhenatherum elatius*) and cock's-foot (*Dactylis glomerata*) are dominant in others. Two arable fields, with maize as their usual crop, are included in the site for their ancient hedges and patches of other habitats.

A footpath runs along the eastern edge of White Heath Farm, between species-rich hedgerows with trees that are probably ancient field boundaries. There are at least 10 species of trees and shrubs in the hedges, including beech (*Fagus sylvatica*), pedunculate oak (*Quercus robur*), ash (*Fraxinus excelsior*), English elm (*Ulmus procera*), field maple (*Acer campestre*), hazel (*Corylus avellana*) and hawthorn (*Crataegus monogyna*) along with field rose (*Rosa arvensis*), bramble (*Rubus fruticosus* agg.) and greater stitchwort (*Stellaria holostea*).

A number of small copses punctuate the landscape, including Cooks Wood, Watts Common and a shaw (a narrow belt of woodland) alongside a stream. They are generally dominated by pedunculate oak and ash or beech, depending on the underlying substrate. Other trees and shrubs in these copses include English elm, wild cherry (*Prunus avium*), rowan (*Sorbus aucuparia*), hornbeam (*Carpinus betulus*) and crab apple (*Malus sylvestris*). Watts Common supports wet woodland, with four species of willow: crack, grey, white and goat willows (*Salix fragilis*, *S. cinerea*, *S. alba*, *S. caprea*). The ground flora of Watts Common includes the locally scarce lesser spearwort (*Ranunculus flammula*) and water-pepper (*Persicaria hydropiper*).

The only public access is the footpath along the eastern edge of the White Heath Farm area. There is no public access to the Harefield Grove Estate.

Site first notified:	01/01/1988	Boundary last changed:	08/09/2005
Citation last edited:	27/03/2006	Mayor Agreed:	
Defunct:	N		
Last Updated:	27/03/2006		



Borough Grade II

Site Reference:	HiBII18
Site Name:	Knightscote Farm Ponds
Summary:	Two ponds separated by an area of woodland, one used for fishing.
Grid ref:	TQ 059 900
Area (ha):	1.75
Borough(s):	Hillingdon
Habitat(s):	Bracken, Marsh/swamp, Pond/lake, Ruderal, Wet woodland/carr
Access:	No public access
Ownership:	London Borough of Hillingdon

Site Description:

Knightscote Farm Ponds lie in a depression alongside the northern edge of Breakspear Road North. The site consists of two ponds separated by an area of woodland, containing patches of bracken (*Pteridium aquilinum*) and occasional gorse (*Ulex europaeus*) indicating the acidic nature of the soil. The smaller northern pond appears somewhat neglected, with farm ruderals growing in disturbed areas of the farmyard more or less up to the pond edge. Crack willow (*Salix fragilis*) and grey willow (*S. cinerea*) are frequent around the pond margin, interspersed with dense stands of great reedmace (*Typha latifolia*). Other wetland plants include gipsywort (*Lycopus europaeus*), redshank (*Persicaria maculosa*) and water mint (*Mentha aquatica*). As the pond is heavily shaded by trees, submerged vegetation is likely to be limited. If management could allow more light to reach the water, the pond would have greater potential as a breeding site for amphibians. Birds present are Mallard and moorhen.

The woodland around and between the two ponds is dominated by oak (*Quercus robur*), ash (*Fraxinus excelsior*) and crack willow. Alder (*Alnus glutinosa*) is present, but appears to have declined here in recent years, perhaps due to drying of the site and/or from competition from other species such as sycamore (*Acer pseudoplatanus*). The understorey is comprised of frequent hawthorn (*Crataegus monogyna*) and grey willow, with occasional holly (*Ilex aquifolium*), field maple (*Acer campestre*), gorse and the introduced cherry laurel (*Prunus laurocerasus*). The ground flora is patchy, but includes the ancient woodland indicators wood brome (*Bromopsis ramosus*), remote sedge (*Carex remota*) and field rose (*Rosa arvensis*). Wetter areas support soft rush (*Juncus effusus*) and tufted hair-grass (*Deschampsia caespitosa*).

The larger southern pond is used by members of a fishing club and is more open than the northern pond. It has a greater diversity and abundance of wetland plants, including water-pepper (*Persicaria hydropiper*), floating sweet-grass (*Glyceria fluitans*), amphibious bistort (*Persicaria amphibia*) and the locally scarce species nodding bur-marigold (*Bidens cernua*) and common marsh-bedstraw (*Galium palustre*). This pond is presumably stocked with fish.

Site first notified:	01/01/1988	Boundary last changed:	01/01/1988
Citation last edited:	30/12/2005	Mayor Agreed:	
Defunct:	N		
Last Updated:	27/03/2006		

Borough Grade II

Site Reference:	HiBII19
Site Name:	Harefield Green Pond
Summary:	A small pond on the edge of the historic village green of Harefield.
Grid ref:	TQ 053 905
Area (ha):	0.17
Borough(s):	Hillingdon
Habitat(s):	Marsh/swamp, Pond/lake, Scattered trees
Access:	Free public access (part of site)
Ownership:	London Borough of Hillingdon

Site Description:

This small pond is situated in the south-eastern corner of Harefield Green (a Registered Common and Village Green), adjacent to the war memorial.

The narrow strip between the pond and the busy Breakspear Road North supports abundant grey willow (*Salix cinerea*) and a single crack willow (*S. fragilis*), with a weeping willow (probably *S. x sepulcralis*) on the opposite side of the pond, these provide both structural diversity and a barrier against some of the dust and noise from passing traffic.

The pond itself supports a wide range of wetland plants, dominated by a large stand of great reedmace (*Typha latifolia*) with smaller areas dominated by trifid bur-marigold (*Bidens tripartita*), galingale (*Cyperus longus*) and sweet flag (*Acorus calamus*). The latter two species are locally scarce but may have been artificially introduced. Other wetland species include yellow iris (*Iris pseudacorus*), Gipsywort (*Lycopus europaeus*), a variegated reed sweet-grass (*Glyceria maxima*) and water-pepper (*Persicaria hydropiper*). Like many public ponds it also contains abundant New Zealand pigmyweed (*Crassula helmsii*) an invasive introduced species which has so far proved very difficult to eradicate. It is likely that the pond supports populations of invertebrates and amphibians.

The grassland immediately around the pond is dominated by creeping bent (*Agrostis stolonifera*), interspersed with red fescue (*Festuca rubra*), marsh cudweed (*Gnaphthium uliginosum*) and perennial sow-thistle (*Sonchus arvensis*). The stone steps and terracing beside the pond also support abundant bryophytes and lichens.

Site first notified:	01/01/1988	Boundary last changed:	01/01/1988
Citation last edited:	30/12/2005	Mayor Agreed:	
Defunct:	N		
Last Updated:	27/03/2006		

Borough Grade II

Site Reference:	HiBII26
Site Name:	Shepherds Hill House
Summary:	A field study centre with grounds containing scattered native trees and shrubs.
Grid ref:	TQ 061 909
Area (ha):	1.37
Borough(s):	Hillingdon
Habitat(s):	Acid grassland, Amenity grassland, Planted shrubbery, Scattered trees, Scrub, Semi-improved neutral grassland
Access:	No public access
Ownership:	Private

Site Description:

The grounds of this field study centre contain scattered native trees and shrubs including frequent pedunculata oak (*Quercus robur*), and occasional ash (*Fraxinus excelsior*), hornbeam (*Carpinus betulus*) and hazel (*Corylus avellana*). Introduced species including abundant cherry laurel (*Prunus laurocerasus*) and occasional Scots pine (*Pinus sylvestris*), rhododendron (*Rhododendron ponticum*) and snowberry (*Symphoricarpos albus*) indicate its earlier role as a large landscaped garden. Beneath the trees, the lawns contain grasses such as sweet vernal-grass (*Anthoxanthum odoratum*) and red fescue (*Festuca rubra*), and wild flowers indicative of acid grassland, including heath bedstraw (*Galium saxatile*), mouse-ear hawkweed (*Pilosella officinarum*) and field woodrush (*Luzula campestre*).

The site is accessible only to the users of the centre, which is leased by Hammersmith & Fulham Educational Authority.

Site first notified:	01/01/1988	Boundary last changed:	01/03/1994
Citation last edited:	30/12/2005	Mayor Agreed:	
Defunct:	N		
Last Updated:	27/03/2006		

Borough Grade II

Site Reference: HiBI27
Site Name: Hill End Road Pond
Summary: A small pond providing a dose of nature for the local community.
Grid ref: TQ 049 915
Area (ha): 0.22
Borough(s): Hillingdon
Habitat(s): Pond/Lake, Scattered trees, Semi-improved neutral grassland, Tall herbs
Access: Free public access (all/most of site)
Ownership: Private

Site Description:

This is a small pond surrounded by pollarded grey and crack willows (*Salix cinerea* and *S. fragilis*). The pond tends to dry out in summer, with hawthorn (*Crataegus monogyna*) and some elder (*Sambucus nigra*) growing in the drier mud. Shading by the tree canopy has reduced the amount of aquatic vegetation in recent years. Great reedmace (*Typha latifolia*) and soft rush (*Juncus effusus*) are frequent with occasional yellow iris (*Iris pseudacorus*) and bittersweet (*Solanum dulcamara*) and small amounts of hemlock water-dropwort (*Oenanthe crocata*). The pond is likely to be valuable for amphibians (at least in years when it does not dry out) and invertebrates.

The area around the pond supports grasses and tall herbs including Yorkshire fog (*Holcus lanatus*), cock's-foot (*Dactylis glomerata*), herb robert (*Geranium robertianum*) and common nettle (*Urtica dioica*).

Site first notified: 01/03/1994 **Boundary last changed:** 08/09/2005
Citation last edited: 30/12/2005 **Mayor Agreed:**
Defunct: N
Last Updated: 10/01/2006

Borough Grade II

Site Reference:	HiBII28
Site Name:	Breakspear House Wood
Summary:	A small ancient woodland with a footpath running through it.
Grid ref:	TQ 060 895
Area (ha):	5.51
Borough(s):	Hillingdon
Habitat(s):	Ancient woodland
Access:	Access on public footpaths only
Ownership:	London Borough of Hillingdon and Private

Site Description:

This small woodland is dominated by ash (*Fraxinus excelsior*), with frequent pedunculate oak (*Quercus robur*) and sycamore (*Acer pseudoplatanus*). Stands of beech (*Fagus sylvatica*), with occasional hornbeam (*Carpinus betulus*) and horse chestnut (*Aesculus hippocastanum*) make up the rest of the canopy.

The shrub layer is composed of abundant field maple (*Acer campestre*), hawthorn (*Crataegus monogyna*), English elm (*Ulmus procera*) and cherry laurel (*Prunus laurocerasus*), with blackthorn (*Prunus spinosa*) thickets along some of the edges. The woodland floor is dominated by bramble (*Rubus fruticosus* agg.), common nettle (*Urtica dioica*) and ground ivy (*Glechoma hederacea*) with frequent bugle (*Ajuga reptans*), wood false-brome (*Brachypodium sylvaticum*) and red campion (*Silene dioica*).

The presence of ancient woodland indicator plants, which include Midland hawthorn (*Crataegus laevigata*), black bryony (*Tamus communis*), field maple and holly (*Ilex aquifolium*) suggest this site has been woodland since at least 1600. Speckled wood butterfly is present on plants in the patches of light which pass through the tree canopy.

A footpath runs through part of the wood.

Site first notified:	01/03/1994	Boundary last changed:	01/03/1994
Citation last edited:	30/12/2005	Mayor Agreed:	
Defunct:	N		
Last Updated:	06/01/2006		

Borough Grade II

Site Reference:	HiBII29
Site Name:	Fields and Hedgerows South of Mount Vernon Hospital
Summary:	Fields to the south of the hospital with broad hedgerows and scrub.
Grid ref:	TQ 077 916
Area (ha):	12.32
Borough(s):	Hillingdon
Habitat(s):	Hedge, Pond/lake, Roughland, Ruderal, Scattered trees, Semi-improved neutral grassland
Access:	Access on public footpaths only
Ownership:	Private

Site Description:

The grazing meadows to the south of the hospital are largely dominated by false-oat grass (*Arrhenatherum elatius*), along with Yorkshire fog (*Holcus lanatus*), cat's-tail (*Phleum pratense*) and tufted hair-grass (*Deschampsia cespitosa*). They contain a range of common wild flowers, including red clover (*Trifolium pratense*), autumn hawkbit (*Leontodon autumnalis*) and creeping cinquefoil (*Potentilla reptans*). The hedgerows which divide the fields are broad and dense, though somewhat fragmented, and include blackthorn (*Prunus spinosa*), Hazel (*Corylus avellana*), common hawthorn (*Crataegus monogyna*), dogwood (*Cornus sanguinea*) and occasional crab-apple (*Malus sylvestris*).

An overgrown meadow to the east of the hospital contains a mix of rough grassland, scrub and tall herbs, including abundant false oat-grass, cock's-foot (*Dactylis glomerata*), bramble, common nettle (*Urtica dioica*) and broad-leaved dock (*Rumex obtusifolius*). There is plenty of scrub and scattered trees including crack willow (*Salix fragilis*), Scots pine (*Pinus sylvestris*), pedunculate oak (*Quercus robur*) and common hawthorn.

The site also includes scrub with scattered trees and a partly overgrown footpath on the south margin of the hospital. The site is inaccessible to the public except for de facto access to this footpath.

Site first notified:	01/03/1994	Boundary last changed:	08/09/2005
Citation last edited:	03/01/2006	Mayor Agreed:	
Defunct:	N		
Last Updated:	20/04/2006		

Borough Grade II

Site Reference: HiBI134
Site Name: Bishops Wood
Summary: An area of oak woodland between White Hill and Mount Vernon Hospital.
Grid ref: TQ 076 921
Area (ha): 1.55
Borough(s): Hillingdon
Habitat(s): Scrub, Secondary woodland, Tall herbs, Wet ditches
Access: Access on public footpaths only
Ownership: Private

Site Description:

This small wood, dominated by pedunculate oak (*Quercus robur*) and hazel (*Corylus avellana*), lies between White Hill and Mount Vernon Hospital. Silver birch (*Betula pendula*) and beech (*Fagus sylvatica*) are common in the wood, along with occasional downy birch (*Betula pubescens*). Holly (*Ilex aquifolium*) is locally abundant.

Much of the woodland floor is shaded, and broad-buckler fern (*Dryopteris dilatata*) and lords-and-ladies (*Arum maculatum*) grow among the Spanish bluebells (*Hyacinthoides hispanica*) and moss carpets.

There is extensive standing and fallen decaying timber, and the shady moist leaf litter is likely to provide habitat for a range of fungi. Many birds frequent the woods. There are seasonal ditches within the wood and on its west margin.

Site first notified: 08/09/2005 **Boundary last changed:** 08/09/2005
Citation last edited: 28/12/2005 **Mayor Agreed:**
Defunct: N
Last Updated: 03/01/2006

Borough Grade II

Site Reference:	HiBII37
Site Name:	Harefield Hospital Ponds and the Old Orchard
Summary:	Two ponds in the grounds of Harefield Hospital, and an old orchard within a tenanted farm.
Grid ref:	TQ 047 908
Area (ha):	2.62
Borough(s):	Hillingdon
Habitat(s):	Bare ground, Marsh/swamp, Orchard, Pond/lake, Scattered trees, Secondary woodland, Semi-improved neutral grassland, Tall herbs
Access:	Free public access (part of site)
Ownership:	London Borough of Hillingdon and Royal Brompton & Harefield NHS Trust

Site Description:

The two ponds in the grounds of Harefield Hospital are examples of mid- and late-successional habitats; the eastern pond being full of water with a well-developed marginal flora and the western one of mainly willow scrub, mud and leaf litter with a small area of water.

The western pond supports goat, grey and crack willows (*Salix caprea*, *S. cinerea*, *S. fragilis*) with frequent pedunculate oaks (*Quercus robur*) on the banks, interspersed with dense patches of bramble (*Rubus fruticosus* agg.) and occasional hard rush (*Juncus inflexus*). It provides potential habitat for birds, amphibians, mammals and invertebrates.

The eastern pond supports occasional crack willow, weeping willow (*Salix x sepulcralis*) and sycamore (*Acer pseudoplatanus*) on its banks. Great reedmace (*Typha latifolia*) and the scarce bogbean (*Menyanthes trifoliata*) are present as dense stands along the pond margins interspersed by great willowherb (*Epilobium hirsutum*) and water mint (*Mentha aquatica*). The grounds of Harefield Hospital, which runs the largest heart and heart/lung transplant programme in the world, having carried out its first transplant in February 1980, are open to patients and staff.

An old orchard of over-mature apple (*Malus domestica*) and plum (*Prunus domestica*) trees is part of the council-owned Mount Pleasant Farm. These old fruit trees are likely to be valuable for invertebrates. The grassland beneath the trees does not appear to be rich in plant species, possibly because pigs were kept in the orchard at one time so the soil was heavily disturbed and fertilised. The orchard has been allowed to develop a scrub layer of hawthorn (*Crataegus monogyna*), blackthorn (*Prunus spinosa*) and elder (*Sambucus nigra*) as well as supporting some large, old oaks. A few ponies are now kept in the orchard, which causes it to resemble a small wood-pasture. The orchard is not accessible to the public, being within a tenanted farm.

Site first notified:	01/03/1994	Boundary last changed:	01/03/1994
Citation last edited:	03/01/2006	Mayor Agreed:	
Defunct:	N		
Last Updated:	06/01/2006		



Borough Grade II

Site Reference:	HiBII39
Site Name:	Land north of Waterdell Farm
Summary:	A large area of roughland linking Springwell Lane Chalk Pit with White Heath Farm on the Hillingdon borough and Hertfordshire county border.
Grid ref:	TQ 048 927
Area (ha):	26.8
Borough(s):	Hillingdon
Habitat(s):	Bare ground, Hedge, Roughland
Access:	No public access
Ownership:	Private

Site Description:

This large area of roughland links Springwell Lane Chalk Pit with White Heath Farm on the Hillingdon borough and Hertfordshire county border.

The site appears to have been used for tipping, and has a varied topography with spoil heaps, some vegetated with a mosaic of scrub, grassland and tall herbs, others almost bare soil and rock. Scrub is composed of buddleia (*Buddleja davidii*), silver birch (*Betula pendula*), bramble (*Rubus fruticosus* agg.) and goat, grey and crack willows (*Salix caprea*, *S. cinerea*, *S. fragilis*), with occasional broom (*Cytisus scoparius*). Tall herbs make up a significant proportion of the habitat and include abundant teasel (*Dipsacus fullonum*), bristly ox-tongue (*Picris echioides*) and goat's-rue (*Galega officinalis*). There is frequent weld (*Reseda luteola*), perforate St. John's-wort (*Hypericum perforatum*), horse-radish (*Armoracia rusticana*) and dittander (*Lepidium latifolium*), a rare plant in London generally associated with damp coastal areas. Amongst these tall herbs are grasses and smaller wild flowers such as false-oat grass (*Arrhenatherum elatius*), red fescue (*Festuca rubra*), cock's-foot (*Dactylis glomerata*), hairy and pendulous sedges (*Carex hirta* and *C. pendula*), common toadflax (*Linaria vulgaris*), red bartsia (*Odontites verna*) and creeping cinquefoil (*Potentilla reptans*). A hedgerow of mature pedunculate oak (*Quercus robur*), ash (*Fraxinus excelsior*), elder (*Sambucus nigra*) and hawthorn (*Crataegus monogyna*) with occasional ivy (*Hedera helix*) runs along part of the border and might be an ancient boundary marker.

The varied structure and topography provides habitats for a wide range of animals. Soil and rock piles offer potential refuge, breeding and hibernation sites for a range of insects, reptiles, amphibians and small mammals. Birds include green woodpecker and the red-listed song thrush. Invertebrates include the notable long-winged conehead (*Conocephalus discolor*), common blue damselfly (*Enallagma cyathigerum*) and small copper, gatekeeper and meadow brown butterflies.

Site first notified:	08/09/2005	Boundary last changed:	08/09/2005
Citation last edited:	03/01/2006	Mayor Agreed:	
Defunct:	N		
Last Updated:	10/01/2006		

3.2 Important Geological/Geomorphological Sites

Introduction

The designation in planning documents of regionally important geological sites (RIGS) and locally important geological sites (LIGS) is one way of recognising and protecting important geodiversity and landscape features for future generations to enjoy.

Geodiversity is defined as:

‘the variety of rocks, fossils, minerals, landforms, soils and natural processes, such as weathering, erosion and sedimentation, that underlie and determine the character of our natural landscape and environment’ (London Plan).

RIGS are currently the most important designated places for geology and geomorphology outside statutorily protected land such as SSSIs. They are equivalent to Sites of Metropolitan Importance for nature conservation. In London, RIG Sites have been selected by South London RIGS, North West London RIGS and GeoEssex (voluntary organisations) but have yet to be formally designated in Greater London.

The London boroughs may also designate certain areas as being of local interest for their geodiversity - LIGS. The boundaries and site grades reflect the most recent consideration of each site. Details may change as new information becomes available.

More information can be found in the London Plan Supplementary Planning Guidance *London’s Foundations* (March 2012) and the *London Geodiversity Action Plan*, both available from www.londongeopartnership.org.uk.

Citations

RIGS/LIGS are designated in four stages:

- **Potential RIGS/LIGS** are those recommended by the London Geodiversity Partnership and identified in *London’s foundations*
- **Recommended RIGS** are those recommended by the London Geodiversity Partnership, identified in *London’s foundations* and have been through a consultation process with the London boroughs and relevant landowners
- **Proposed RIGS/LIGS** are those included in draft Borough Development Plan Documents
- **Adopted RIGS/LIGS** are those identified in adopted Borough Development Plan Documents

Please note that the content of RIGS and LIGS citations is reviewed periodically by the London Geodiversity Partnership.

Candidate Locally Important Geological Site

(suggested by London Geodiversity Partnership)

Site Reference: GLA 67
Site Name: Summerhouse Lane Chalk Pit
Site Type: Former Chalk Pit
Summary: Cretaceous, Chalk Group, White Chalk Formation

Grid ref: TQ 043 916

Area (ha): 0.52

Borough(s): London Borough of Hillingdon

Ownership: Linden Homes

Access: Private land so permission should be sought from Linden Homes. Path adjacent to the face at the back of the pit becomes progressively overgrown. Fallen block from vertical face highlights the safety issues.

Site Description:

Of the chalk pits along the Colne, apart from Harefield that only exposes 2 m (GLA 34,SSSI), the only one that is still at all accessible (now utilised as a housing estate) is at the end of Summerhouse Lane (see below). There were at least three other pits running north along this stretch of the Colne. Very small exposures can still be seen high up in the wooded slopes of the adjacent 'Water Meadows' at the extreme end of Summerhouse Lane. These are not accessible and nor are the two quarries further along adjacent to the Springwell Lane bridge over the Grand Union Canal beside the lock. At Summerhouse Lane the Seaford Chalk has well-displayed solution hollows that run from the top to reappear at the base.

A path exists close to the face allowing views and access but becomes progressively more overgrown and blocked by rubbish. The quarry is described with a logged section in GA Guide 68.

The Colne Valley Chalk pits provide details of the Chiltern succession.

Stratigraphy and Rock Types:

Time Unit: Cretaceous

Rock Unit: White Chalk Subgroup, Seaford Chalk Formation

Rock Type: Chalk

Details (Seaford Chalk): Firm white chalk with conspicuous semi-continuous nodular and tabular flint seams. Hardgrounds and thin marls are known from the lowest beds. Some flint nodules are large to very large.

Geodiversity Topic: Lithostratigraphy; sedimentology; geomorphology; palaeontology.

Geodiversity Value: Potential LIGS: The chalk quarries of the Colne Valley were once important both locally and to the capital. This is the least overgrown and most accessible currently.

Date of Last Survey: October 2013



4.0 Species

Species from these categories can be seen on the following pages:

- Internationally or nationally protected species *
- National or London Biodiversity Action Plan (BAP) priority species
- Red Data List species
- Species of Conservation Concern in London
- London Invasive Species Initiative (LISI) species

Note that GiGL does not currently hold comprehensive species data for all areas. Even where data is held, a lack of records for a species in a defined geographical area does not necessarily mean that the species does not occur there – the area may simply not have been surveyed.

Distances and direction to each species record are calculated from the centre-point of a search area. Note that because the resolution of grid references varies between surveys the records with a low grid reference resolution are presented in the Vague Records table.

The species, listed by taxon name, were recorded from a broad range of surveys - from public and species specific surveys to formal surveys carried out during the GLA's rolling survey programme.

Records of bat sightings are presented in the report if found in the search area. Records of bat roosts, if present in the search area, will be found in the confidential species table.

If you would like further information regarding rare, notable and protected species please contact a relevant person listed in the Further Contacts section of this report.

* Protected species are those listed on EC Habitats Directive – Annexes II and IV, EC Birds Directive – Annex I, Conservation (Natural Habitats) Regulations 1994 – Schedules 2 & 5, NERC 2006 Section 41, Wildlife and Countryside Act 1981 (as amended) – Schedules 1, 5 & 8, Protection of Badgers Act 1992

4.1 Protected Species and Species of Conservation Concern

Records in this section come from a variety of planning and conservation designations and are presented here to provide a broad range of information about the search area. GiGL's Recorder Advisory Group have advised on the inclusion of each category and further information about the designations (legal and notable) can be found in the "Supporting Information" annex.

All records in this section were recorded to at least 100 m² accuracy (a six grid reference figure or higher). The total number of occurrences states the number of recorded instances for a species in the search area e.g. one recorded instance of fly orchid (*Ophrys insectifera*) could have a count of 10 individual plants. The maximum occurrence column records either that the species was present "P" or gives a numerical value of the highest count of species recorded in the search area where this is known.

Table 1 Red Data List designation abbreviations used in the species table. Further information on the designations can be found in the annex.

Designation short name	Designation full name	Designation short name	Designation full name
RL_DataDeficient	IUCN (2001) - Data Deficient	RL_LowerRisk	IUCN (2001) - Lower risk - near threatened
RL_CriticalEndangered	IUCN (2001) - Critically endangered	RL_Extinct	IUCN (2001) - Extinct
RL_Endangered	IUCN (2001) - Endangered	RL_ExtinctWild	IUCN (2001) - Extinct in the wild
RL_Vulnerable	IUCN (2001) - Vulnerable	RL_RegionExtinct	IUCN (2001) - Regionally Extinct

Taxon Name	Common Name	Designation	Total number of occurrences	No. of breeding occurrences	Maximum occurrence	Distance (m) of nearest record	Bearing of nearest record	Date of nearest record	Distance (m) of most recent record	Bearing of most recent record	Date of most recent record
Amphibians											
<i>Bufo bufo</i>	Common Toad	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	1	1	1	960	SW	Apr 2014-Jun 2014	960	SW	Apr 2014-Jun 2014
<i>Rana temporaria</i>	Common Frog	HSD5 Local Spp of Cons Conc	1		P	1808	E	31/07/2012	1808	E	31/07/2012
<i>Triturus cristatus</i>	Great Crested Newt	Hab&Spp Dir Anx 2 Hab&Spp Dir Anx 4 Cons Regs 2010 Sch2 W&CA Sch5 Sec 9.4b W&CA Sch5 Sec 9.4c NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	4		29	544	W	Apr 2014-Jun 2014	544	W	Apr 2014-Jun 2014
Reptiles											
<i>Natrix helvetica</i>	Grass Snake	W&CA Sch5 Sec 9.1k/i NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	18		6	326	SW	Apr 2013-Jun 2013	1808	E	14/09/2013
<i>Zootoca vivipara</i>	Common Lizard	W&CA Sch5 Sec 9.1k/i NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	1		P	1808	E	31/07/2012	1808	E	31/07/2012
Birds											

Taxon Name	Common Name	Designation	Total number of occurrences	No. of breeding occurrences	Maximum occurrence	Distance (m) of nearest record	Bearing of nearest record	Date of nearest record	Distance (m) of most recent record	Bearing of most recent record	Date of most recent record
<i>Acanthis cabaret</i>	Lesser Redpoll	NERC Act Section 41 UKBAP Bird-Red	45		25	801	S	14/11/2015	2011	NW	20/11/2015
<i>Acanthis flammea</i>	Common (Mealy) Redpoll	BAP Priority London Local Spp of Cons Conc	69		20	1751	SW	25/12/1996	2011	NW	18/11/2015
<i>Alauda arvensis</i>	Skylark	NERC Act Section 41 BAP Priority London Local Spp of Cons Conc Bird-Red	32	7	240	561	W	05/05/1994	1751	SW	11/06/2014
<i>Alcedo atthis</i>	Kingfisher	Birds Dir Anx 1 W&CA Sch1 Part 1 Local Spp of Cons Conc	846	25	15	565	SW	1983	1949	N	13/11/2016
<i>Anas acuta</i>	Pintail	Local Spp of Cons Conc	34		10	1380	SW	01/01/2004	1949	N	22/09/2013
<i>Anas clypeata</i>	Shoveler	Local Spp of Cons Conc	679	1	300	1607	W	22/01/2007	1759	W	27/12/2016
<i>Anas crecca</i>	Teal	Local Spp of Cons Conc	347	2	160	1607	SW	10/01/2015	1759	W	22/03/2016
<i>Anas penelope</i>	Wigeon	Local Spp of Cons Conc	835		324	1037	SW	16/02/1986	1949	N	18/12/2016
<i>Anas querquedula</i>	Garganey	W&CA Sch1 Part 1 Local Spp of Cons Conc	8		1	1626	W	01/09/1980	2011	NW	08/10/2014
<i>Anas strepera</i>	Gadwall	Local Spp of Cons Conc	1034	11	400	1380	SW	14/04/1987	1759	W	27/12/2016
<i>Anser albifrons</i>	White-fronted Goose	Bird-Red	39		55	1607	W	10/12/2000	2011	NW	05/02/2006
<i>Anser erythropus</i>	Lesser White-fronted Goose	Birds Dir Anx 1	5		1	1626	W	26/12/1980	2011	NW	30/08/1986
<i>Anthus pratensis</i>	Meadow Pipit	Local Spp of Cons Conc	91		60	561	W	15/02/1994	1682	W	17/12/2015
<i>Anthus trivialis</i>	Tree Pipit	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc Bird-Red	7		3	867	NE	May 1985	1717	NW	30/09/2000
<i>Apus apus</i>	Swift	Local Spp of Cons Conc	204	1	1000	622	SW	01/01/10- 31/12/10	1949	N	24/07/2016
<i>Ardea cinerea</i>	Grey Heron	Local Spp of Cons Conc	853	35	80	1380	SW	14/07/2012	1949	N	18/12/2016
<i>Ardea purpurea</i>	Purple Heron	Birds Dir Anx 1 W&CA Sch1 Part 1	1		1	2011	NW	01/11/2005	2011	NW	01/11/2005
<i>Asio flammeus</i>	Short-eared Owl	Birds Dir Anx 1 Local Spp of Cons Conc	2		1	1380	SW	28/12/2015	1380	SW	28/12/2015
<i>Aythya ferina</i>	Pochard	Bird-Red	658	2	325	1380	SW	01/01/2014	1759	W	27/12/2016
<i>Aythya marila</i>	Scaup	W&CA Sch1 Part 1 NERC Act Section 41 UKBAP Bird-Red	15		2	1751	SW	17/02/1985	2011	NW	13/02/2011
<i>Aythya nyroca</i>	Ferruginous Duck	Birds Dir Anx 1	2		1	2011	NW	30/10/1982	2011	NW	19/12/1987
<i>Botaurus stellaris</i>	Bittern	Birds Dir Anx 1 W&CA Sch1 Part 1 NERC Act Section 41 UKBAP BAP Priority London	49		1	1808	E	09/12/2012	1808	E	30/11/2013
<i>Branta leucopsis</i>	Barnacle Goose	Birds Dir Anx 1	45		39	1608	N	05/06/1999	1808	E	12/09/2013
<i>Bucephala clangula</i>	Goldeneye	Local Spp of Cons Conc	1379	11	41	1607	SW	10/01/2015	1949	N	18/12/2016
<i>Calidris alpina</i>	Dunlin	Local Spp of Cons Conc	31		6	1607	W	27/01/1996	1608	N	22/04/2014
<i>Calidris pugnax</i>	Ruff	Birds Dir Anx 1 W&CA Sch1 Part 1 Bird-Red	1		1	1608	N	10/02/1980	1608	N	10/02/1980

Taxon Name	Common Name	Designation	Total number of occurrences	No. of breeding occurrences	Maximum occurrence	Distance (m) of nearest record	Bearing of nearest record	Date of nearest record	Distance (m) of most recent record	Bearing of most recent record	Date of most recent record
<i>Charadrius dubius</i>	Little Ringed Plover	W&CA Sch1 Part 1 Local Spp of Cons Conc	37		4	1608	N	27/03/2002	1608	N	21/03/2015
<i>Charadrius hiaticula</i>	Ringed Plover	Local Spp of Cons Conc Bird-Red	18		3	1608	N	16/05/1995	1608	N	24/05/2013
<i>Chlidonias niger</i>	Black Tern	Birds Dir Anx 1 W&CA Sch1 Part 1	15		5	1608	N	27/04/2013	2011	NW	09/05/2014
<i>Ciconia ciconia</i>	White Stork	Birds Dir Anx 1	3		1	1380	SW	18/09/2003	1380	SW	18/09/2003
<i>Circus aeruginosus</i>	Marsh Harrier	Birds Dir Anx 1 W&CA Sch1 Part 1	7		1	1380	SW	29/03/1999	2011	NW	26/03/2013
<i>Circus cyaneus</i>	Hen Harrier	Birds Dir Anx 1 W&CA Sch1 Part 1 NERC Act Section 41 Bird-Red	4		1	1289	NW	11/11/1996	1289	NW	11/11/1996
<i>Clangula hyemalis</i>	Long-tailed Duck	W&CA Sch1 Part 1 Bird-Red	11		2	1751	SW	19/03/2000	1751	SW	19/03/2000
<i>Columba oenas</i>	Stock Dove	Local Spp of Cons Conc	148	14	80	867	NE	30/03/1980	1949	N	18/12/2016
<i>Corvus frugilegus</i>	Rook	Local Spp of Cons Conc	38	7	800	338	W	1986	1949	N	17/04/2016
<i>Cuculus canorus</i>	Cuckoo	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc Bird-Red	142	10	5	561	W	01/05/1997	1949	N	10/05/2016
<i>Cygnus columbianus</i>	Bewick's Swan	Birds Dir Anx 1 W&CA Sch1 Part 1	2		5	2011	NW	19/10/1996	2011	NW	19/10/1996
<i>Cygnus olor</i>	Mute Swan	Local Spp of Cons Conc	1274	60	200	1380	SW	20/05/2012	1759	W	27/12/2016
<i>Delichon urbicum</i>	House Martin	Local Spp of Cons Conc	247	7	600	561	W	26/09/1995	1949	N	17/09/2016
<i>Dendrocopos minor</i>	Lesser Spotted Woodpecker	BAP Priority London Local Spp of Cons Conc Bird-Red	119	4	4	561	W	08/07/1997	2011	NW	06/04/2015
<i>Egretta garzetta</i>	Little Egret	Birds Dir Anx 1 Local Spp of Cons Conc	490	11	64	801	S	22/02/2015	1759	W	27/12/2016
<i>Emberiza citrinella</i>	Yellowhammer	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc Bird-Red	6		9	1380	SW	06/04/1986	1608	N	01/10/2014
<i>Emberiza schoeniclus</i>	Reed Bunting	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	133	26	25	1603	NW	17/05/2014	1949	N	14/06/2016
<i>Falco columbarius</i>	Merlin	Birds Dir Anx 1 W&CA Sch1 Part 1 Bird-Red	7		1	867	NE	27/05/1986	2011	NW	06/11/1987
<i>Falco tinnunculus</i>	Kestrel	Local Spp of Cons Conc	214	16	6	561	W	02/10/1997	878	SW	02/06/2019
<i>Ficedula hypoleuca</i>	Pied Flycatcher	Bird-Red	3	1	1	525	NE	04/05/1985	956	W	23/04/2016
<i>Fringilla montifringilla</i>	Brambling	W&CA Sch1 Part 1	35		100	561	W	02/04/1995	2011	NW	23/10/2010
<i>Gallinago gallinago</i>	Snipe	Local Spp of Cons Conc	126		65	867	NE	30/03/1980	1608	N	17/03/2015
<i>Gavia immer</i>	Great Northern Diver	Birds Dir Anx 1 W&CA Sch1 Part 1	1		1	1751	SW	28/12/1994	1751	SW	28/12/1994
<i>Hirundo rustica</i>	Swallow	Local Spp of Cons Conc	337	7	1000	660	W	06/07/1987	1949	N	17/09/2016

Taxon Name	Common Name	Designation	Total number of occurrences	No. of breeding occurrences	Maximum occurrence	Distance (m) of nearest record	Bearing of nearest record	Date of nearest record	Distance (m) of most recent record	Bearing of most recent record	Date of most recent record
<i>Hydrocoloeus minutus</i>	Little Gull	Birds Dir Anx 1 W&CA Sch1 Part 1	9	1	4	1647	NW	18/11/2006	1751	SW	18/04/2014
<i>Ixobrychus minutus</i>	Little Bittern	Birds Dir Anx 1 W&CA Sch1 Part 1	1		1	2011	NW	10/06/2012	2011	NW	10/06/2012
<i>Jynx torquilla</i>	Wryneck	W&CA Sch1 Part 1 UKBAP	14		1	1608	N	03/09/1999	1608	N	08/09/1999
<i>Larus argentatus</i>	Herring Gull	BAP Priority London Local Spp of Cons Conc Bird-Red	234		245	1380	SW	14/07/2012	1949	N	18/12/2016
<i>Larus fuscus</i>	Lesser Black-backed Gull	Local Spp of Cons Conc	450	3	500	1607	W	15/12/2015	1949	N	18/12/2016
<i>Larus melanocephalus</i>	Mediterranean Gull	Birds Dir Anx 1 W&CA Sch1 Part 1	13		2	1380	SW	22/06/2014	2011	NW	28/02/2015
<i>Limosa lapponica</i>	Bar-tailed Godwit	Birds Dir Anx 1	7		1	1608	N	09/05/2008	1608	N	09/05/2008
<i>Limosa limosa</i>	Black-tailed Godwit	W&CA Sch1 Part 1 Bird-Red	5		2	1608	N	04/07/2000	1608	N	08/03/2014
<i>Linaria cannabina</i>	Linnet	BAP Priority London Local Spp of Cons Conc Bird-Red	46	7	200	949	NW	22/09/1985	1608	N	08/07/2015
<i>Locustella naevia</i>	Grasshopper Warbler	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc Bird-Red	18	1	1	2011	NW	15/05/80- 16/05/80	2011	NW	20/04/2013
<i>Loxia curvirostra</i>	Common Crossbill	W&CA Sch1 Part 1 Local Spp of Cons Conc	1	1	3	2011	NW	09/07/1985	2011	NW	09/07/1985
<i>Luscinia megarhynchos</i>	Nightingale	Local Spp of Cons Conc Bird-Red	3		1	1647	NW	23/05/1998	1647	NW	24/05/1998
<i>Melanitta nigra</i>	Common Scoter	W&CA Sch1 Part 1 NERC Act Section 41 UKBAP Bird-Red	3		6	1751	SW	27/04/1986	1751	SW	07/04/1996
<i>Mergellus albellus</i>	Smew	Birds Dir Anx 1	703		18	1607	W	23/02/1985	1949	N	18/12/2016
<i>Milvus migrans</i>	Black Kite	Birds Dir Anx 1	1		1	2011	NW	26/06/1994	2011	NW	26/06/1994
<i>Milvus milvus</i>	Red Kite	Birds Dir Anx 1 W&CA Sch1 Part 1	273		13	801	S	22/02/2015	1949	N	13/11/2016
<i>Motacilla cinerea</i>	Grey Wagtail	Local Spp of Cons Conc Bird-Red	292	20	6	561	W	22/11/1994	1949	N	18/12/2016
<i>Motacilla flava</i>	Yellow Wagtail	BAP Priority London Local Spp of Cons Conc Bird-Red	126	3	25	1037	SW	03/09/1983	1608	N	24/04/2014
<i>Muscicapa striata</i>	Spotted Flycatcher	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc Bird-Red	45	2	14	340	SW	1985	1608	N	17/09/2015
<i>Numenius arquata</i>	Curlew	NERC Act Section 41 UKBAP Bird-Red	4		2	1626	W	06/07/1980	2011	NW	03/12/2010
<i>Numenius phaeopus</i>	Whimbrel	W&CA Sch1 Part 1 Bird-Red	11		12	1608	N	26/04/2009	1608	N	26/04/2009
<i>Nycticorax nycticorax</i>	Night-heron	Birds Dir Anx 1	1		1	2011	NW	19/06/2011	2011	NW	19/06/2011

Taxon Name	Common Name	Designation	Total number of occurrences	No. of breeding occurrences	Maximum occurrence	Distance (m) of nearest record	Bearing of nearest record	Date of nearest record	Distance (m) of most recent record	Bearing of most recent record	Date of most recent record
<i>Pandion haliaetus</i>	Osprey	Birds Dir Anx 1 W&CA Sch1 Part 1	20		1	1608	N	20/09/2015	1608	N	20/09/2015
<i>Passer domesticus</i>	House Sparrow	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc Bird-Red	200	17	200	117	SW	2002	1949	N	18/12/2016
<i>Passer montanus</i>	Tree Sparrow	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc Bird-Red	15		70	338	W	23/12/1983	2011	NW	31/12/2012
<i>Perdix perdix</i>	Grey Partridge	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc Bird-Red	6		14	660	W	02/09/1986	660	W	15/08/1987
<i>Pernis apivorus</i>	Honey-buzzard	Birds Dir Anx 1 W&CA Sch1 Part 1	2		1	1380	SW	17/09/2000	2011	NW	15/09/2010
<i>Phalacrocorax aristotelis</i>	Shag	Bird-Red	2		1	2011	NW	05/09/85- 08/09/85	2011	NW	08/02/1996
<i>Phalaropus lobatus</i>	Red-necked Phalarope	Birds Dir Anx 1 W&CA Sch1 Part 1 UKBAP Bird-Red	3		1	2011	NW	18/09/1995	2011	NW	18/09/1995
<i>Phoenicurus ochruros</i>	Black Redstart	W&CA Sch1 Part 1 BAP Priority London Bird-Red	6		2	1608	N	17/03/1999	1608	N	29/03/2013
<i>Phylloscopus sibilatrix</i>	Wood Warbler	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc Bird-Red	8		1	867	NE	11/05/1985	2011	NW	19/04/2013
<i>Phylloscopus trochilus</i>	Willow Warbler	Local Spp of Cons Conc	121	10	60	1028	E	30/04/2012	2011	NW	15/04/2015
<i>Plectrophenax nivalis</i>	Snow Bunting	W&CA Sch1 Part 1	1		12	2011	NW	06/01/1985	2011	NW	06/01/1985
<i>Pluvialis apricaria</i>	Golden Plover	Birds Dir Anx 1	28		1000	1626	W	15/11/1983	2011	NW	28/02/2013
<i>Podiceps auritus</i>	Slavonian Grebe	Birds Dir Anx 1 W&CA Sch1 Part 1 Bird-Red	6		1	1647	NW	07/01/2000	1647	NW	07/01/2000
<i>Podiceps grisegena</i>	Red-necked Grebe	Bird-Red	14		2	1751	SW	04/11/1995	2011	NW	14/12/1997
<i>Podiceps nigricollis</i>	Black-necked Grebe	W&CA Sch1 Part 1 Local Spp of Cons Conc	9		1	1751	SW	24/09/1983	2011	NW	13/12/2005
<i>Poecile palustris</i>	Marsh Tit	BAP Priority London Local Spp of Cons Conc Bird-Red	16	1	2	867	NE	04/08/1983	1984	E	12/02/2016
<i>Prunella modularis</i>	Dunnock	BAP Priority London Local Spp of Cons Conc	240	32	30	1028	E	26/07/2012	1759	W	27/12/2016
<i>Pyrrhula pyrrhula</i>	Bullfinch	BAP Priority London	77	3	20	1380	SW	19/12/1995	1949	N	21/08/2016
<i>Rallus aquaticus</i>	Water Rail	Local Spp of Cons Conc	365	1	15	1289	NW	15/02/1994	1949	N	13/11/2016
<i>Regulus ignicapilla</i>	Firecrest	W&CA Sch1 Part 1 Local Spp of Cons Conc	10		5	867	NE	28/12/1982	1056	W	28/02/2016
<i>Regulus regulus</i>	Goldcrest	Local Spp of Cons Conc	194	14	20	1028	E	30/04/2012	1949	N	18/12/2016

Taxon Name	Common Name	Designation	Total number of occurrences	No. of breeding occurrences	Maximum occurrence	Distance (m) of nearest record	Bearing of nearest record	Date of nearest record	Distance (m) of most recent record	Bearing of most recent record	Date of most recent record
<i>Riparia riparia</i>	Sand Martin	BAP Priority London Local Spp of Cons Conc	202	2	500	565	SW	1983	1949	N	17/04/2016
<i>Rissa tridactyla</i>	Kittiwake	Bird-Red	6		3	1626	W	18/08/1980	2011	NW	06/04/2002
<i>Saxicola rubetra</i>	Whinchat	Bird-Red	44		5	867	NE	21/08/2004	1608	N	18/09/2015
<i>Saxicola rubicola</i>	Stonechat	Local Spp of Cons Conc	85	1	3	1380	SW	06/10/2005	1608	N	23/09/2015
<i>Scolopax rusticola</i>	Woodcock	Local Spp of Cons Conc Bird-Red	33		3	561	W	04/01/2010	1380	SW	10/02/2014
<i>Sterna hirundo</i>	Common Tern	Birds Dir Anx 1 Local Spp of Cons Conc	592	45	34	1380	SW	13/05/2012	1949	N	21/08/2016
<i>Sterna paradisaea</i>	Arctic Tern	Birds Dir Anx 1	5		15	1647	NW	10/05/1986	1949	N	10/05/2016
<i>Sterna sandvicensis</i>	Sandwich Tern	Birds Dir Anx 1	1		2	2011	NW	05/08/1996	2011	NW	05/08/1996
<i>Sternula albifrons</i>	Little Tern	Birds Dir Anx 1 W&CA Sch1 Part 1	1		1	2011	NW	20/06/1994	2011	NW	20/06/1994
<i>Streptopelia turtur</i>	Turtle Dove	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc Bird-Red	6		16	660	W	08/08/1987	660	W	08/08/1987
<i>Strix aluco</i>	Tawny Owl	Local Spp of Cons Conc	44	2	4	561	W	09/11/1996	1984	E	16/04/2016
<i>Sturnus vulgaris</i>	Starling	BAP Priority London Local Spp of Cons Conc Bird-Red	167	7	5000	1028	E	21/02/2012	1759	W	27/12/2016
<i>Tadorna ferruginea</i>	Ruddy Shelduck	Birds Dir Anx 1	3		1	1626	W	16/10/1982	2011	NW	05/08/2000
<i>Tadorna tadorna</i>	Shelduck	Local Spp of Cons Conc	38		14	1608	N	18/03/1994	2011	NW	12/02/2013
<i>Tringa glareola</i>	Wood Sandpiper	Birds Dir Anx 1 W&CA Sch1 Part 1	11	1	4	1608	N	24/05/1980	1608	N	31/05/2003
<i>Tringa nebularia</i>	Greenshank	W&CA Sch1 Part 1	22		3	1608	N	14/07/2001	1608	N	15/09/2001
<i>Tringa ochropus</i>	Green Sandpiper	W&CA Sch1 Part 1	114		7	1380	SW	21/07/1994	1949	N	21/08/2016
<i>Tringa totanus</i>	Redshank	Local Spp of Cons Conc	56	1	8	1608	N	15/03/1999	2011	NW	02/04/2015
<i>Turdus iliacus</i>	Redwing	W&CA Sch1 Part 1 Bird-Red	238		2000	561	W	14/03/1997	1949	N	18/12/2016
<i>Turdus philomelos</i>	Song Thrush	BAP Priority London Local Spp of Cons Conc Bird-Red	231	29	21	145	SW	12/08/2004	1759	W	27/12/2016
<i>Turdus pilaris</i>	Fieldfare	W&CA Sch1 Part 1 Bird-Red	243		1000	338	W	16/04/1987	1949	N	18/12/2016
<i>Turdus torquatus</i>	Ring Ouzel	NERC Act Section 41 UKBAP Bird-Red	3		2	1808	E	27/10/2012	1808	E	27/10/2012
<i>Turdus viscivorus</i>	Mistle Thrush	Local Spp of Cons Conc Bird-Red	99	14	35	1028	E	30/04/2012	1949	N	07/06/2016
<i>Vanellus vanellus</i>	Lapwing	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc Bird-Red	442	28	1500	561	W	01/06/1997	1949	N	18/12/2016
Fungi											

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<i>Podoscypha multizonata</i>	Zoned Rosette	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	1		P	711	W	27/05/2004	711	W	27/05/2004
Mammals - Terrestrial (excl. bats)											
<i>Arvicola amphibius</i>	European Water Vole	W&CA Sch5 Sec 9.4a W&CA Sch5 Sec 9.4b W&CA Sch5 Sec 9.4c NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	13		1	1224	SW	2007	1224	SW	2007
<i>Erinaceus europaeus</i>	West European Hedgehog	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	17		2	340	SW	2013	472	S	2019
<i>Neomys fodiens</i>	Eurasian Water Shrew	Local Spp of Cons Conc	1		1	960	SW	01/05/2014	960	SW	01/05/2014
<i>Sciurus vulgaris</i>	Eurasian Red Squirrel	W&CA Sch5 Sec 9.1k/i W&CA Sch5 Sec 9.1t W&CA Sch5 Sec 9.4a W&CA Sch5 Sec 9.4b W&CA Sch5 Sec 9.4c NERC Act Section 41 UKBAP	1		P	878	SW	24/11/2004	878	SW	24/11/2004
Mammals - Terrestrial (bats)											
<i>Chiroptera</i>	Bats	Hab&Spp Dir Anx 2 Hab&Spp Dir Anx 4 Cons Regs 2010 Sch2 W&CA Sch5 Sec 9.4b W&CA Sch5 Sec 9.4c NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	7		28	1224	SW	2005	2012	S	07/08/2015
<i>Myotis</i>	Unidentified Bat	Hab&Spp Dir Anx 2 Hab&Spp Dir Anx 4 Cons Regs 2010 Sch2 W&CA Sch5 Sec 9.4b W&CA Sch5 Sec 9.4c NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	1		P	1056	W	04/09/2018	1056	W	04/09/2018
<i>Myotis brandtii</i>	Brandt's Bat	Hab&Spp Dir Anx 4 Cons Regs 2010 Sch2 W&CA Sch5 Sec 9.4b W&CA Sch5 Sec 9.4c BAP Priority London	1		P	1737	NW	13/09/18- 21/09/18	1737	NW	13/09/18- 21/09/18

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<i>Myotis daubentonii</i>	Daubenton's Bat	Hab&Spp Dir Anx 4 Cons Regs 2010 Sch2 W&CA Sch5 Sec 9.4b W&CA Sch5 Sec 9.4c BAP Priority London Local Spp of Cons Conc	17		132	1439	SW	22/01/1996	1869	NW	05/10/2018
<i>Myotis mystacinus</i>	Whiskered Bat	Hab&Spp Dir Anx 4 Cons Regs 2010 Sch2 W&CA Sch5 Sec 9.4b W&CA Sch5 Sec 9.4c BAP Priority London	1		P	1737	NW	13/09/18- 21/09/18	1737	NW	13/09/18- 21/09/18
<i>Myotis nattereri</i>	Natterer's Bat	Hab&Spp Dir Anx 4 Cons Regs 2010 Sch2 W&CA Sch5 Sec 9.4b W&CA Sch5 Sec 9.4c BAP Priority London Local Spp of Cons Conc	1		P	1869	NW	15/09/2018	1869	NW	15/09/2018
<i>Nyctalus leisleri</i>	Lesser Noctule	Hab&Spp Dir Anx 4 Cons Regs 2010 Sch2 W&CA Sch5 Sec 9.4b W&CA Sch5 Sec 9.4c BAP Priority London Local Spp of Cons Conc	2		P	1737	NW	29/06/18- 06/07/18	1737	NW	13/09/18- 21/09/18
<i>Nyctalus noctula</i>	Noctule Bat	Hab&Spp Dir Anx 4 Cons Regs 2010 Sch2 W&CA Sch5 Sec 9.4b W&CA Sch5 Sec 9.4c NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	5		P	180	SW	14/04/2009	1737	NW	13/09/18- 21/09/18
<i>Pipistrellus</i>	Pipistrelle Bat species	Hab&Spp Dir Anx 4 Cons Regs 2010 Sch2 W&CA Sch5 Sec 9.4b W&CA Sch5 Sec 9.4c NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	3		P	1282	SW	2007	1282	SW	2008
<i>Pipistrellus nathusii</i>	Nathusius's Pipistrelle	Hab&Spp Dir Anx 4 Cons Regs 2010 Sch2 W&CA Sch5 Sec 9.4b W&CA Sch5 Sec 9.4c BAP Priority London Local Spp of Cons Conc	10		9	180	SW	14/04/2009	1737	NW	13/09/18- 21/09/18
<i>Pipistrellus pipistrellus</i>	Common Pipistrelle	Hab&Spp Dir Anx 4 Cons Regs 2010 Sch2 W&CA Sch5 Sec 9.4b W&CA Sch5 Sec 9.4c BAP Priority London	10		P	180	SW	14/04/2009	1737	NW	13/09/18- 21/09/18

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<i>Pipistrellus pygmaeus</i>	Soprano Pipistrelle	Hab&Spp Dir Anx 4 Cons Regs 2010 Sch2 W&CA Sch5 Sec 9.4b W&CA Sch5 Sec 9.4c NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	14		P	180	SW	14/04/2009	1737	NW	13/09/18- 21/09/18
<i>Plecotus</i>	Long-eared Bat species	Hab&Spp Dir Anx 4 Cons Regs 2010 Sch2 W&CA Sch5 Sec 9.4b W&CA Sch5 Sec 9.4c NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	1		P	180	SW	14/04/2009	180	SW	14/04/2009
<i>Plecotus auritus</i>	Brown Long-eared Bat	Hab&Spp Dir Anx 4 Cons Regs 2010 Sch2 W&CA Sch5 Sec 9.4b W&CA Sch5 Sec 9.4c NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	1		P	2030	NW	24/09/2017	2030	NW	24/09/2017
<i>Vespertilionidae</i>	Bats	Hab&Spp Dir Anx 2 Hab&Spp Dir Anx 4 Cons Regs 2010 Sch2 W&CA Sch5 Sec 9.4b W&CA Sch5 Sec 9.4c NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	5		P	1224	SW	2007	1224	SW	2008
Higher Plants - Ferns											
<i>Blechnum spicant</i>	Hard-fern	Local Spp of Cons Conc	1		P	943	E	1990	943	E	1990
Higher Plants - Flowering Plants											
<i>Allium oleraceum</i>	Field Garlic	RedList_GB-VU	1		1	1413	W	13/09/1996	1413	W	13/09/1996
<i>Atriplex littoralis</i>	Grass-leaved Orache	Local Spp of Cons Conc	1		1	1791	NW	1995	1791	NW	1995
<i>Buxus sempervirens</i>	Box	RedList_GB-DD Nationally Rare	1		P	1970	S	1994	1970	S	1994
<i>Cardamine bulbifera</i>	Coralroot	Local Spp of Cons Conc Nationally Scarce	24		1	711	W	27/05/2004	1710	S	22/05/2010
<i>Carex binervis</i>	Green-ribbed Sedge	Local Spp of Cons Conc	1		P	1379	E	1987	1379	E	1987
<i>Carex caryophyllea</i>	Spring-sedge	Local Spp of Cons Conc	2		P	1353	SW	16/04/1980	1353	SW	16/04/1980
<i>Carex riparia</i>	Greater Pond-sedge	Local Spp of Cons Conc	9		1	1690	SW	19/07/1996	1735	SW	17/08/2004
<i>Carex strigosa</i>	Thin-spiked Wood-sedge	Local Spp of Cons Conc	2		12	656	W	2008	656	W	2008
<i>Chrysosplenium oppositifolium</i>	Opposite-leaved Golden-saxifrage	Local Spp of Cons Conc	10		1	711	W	27/05/2004	783	SW	2008

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<i>Clinopodium acinos</i>	Basil Thyme	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc RedList_GB-VU	1		P	1074	W	1965	1074	W	1965
<i>Clinopodium ascendens</i>	Common Calamint	Local Spp of Cons Conc	8		P	961	SW	2008	961	SW	2008
<i>Cyperus longus</i>	Galingale	RedList_GB-Lr(NT) Nationally Scarce	5		P	720	S	1993	823	S	12/08/2004
<i>Epilobium palustre</i>	Marsh Willowherb	Local Spp of Cons Conc	1		P	1935	NE	1988	1935	NE	1988
<i>Epipactis phyllanthes</i>	Green-flowered Helleborine	BAP Priority London Local Spp of Cons Conc Nationally Scarce	3		60	1128	W	1965	2030	NW	2007
<i>Epipactis purpurata</i>	Violet Helleborine	Local Spp of Cons Conc	1		P	845	E	1980	845	E	1980
<i>Gentianella germanica</i>	Chiltern Gentian	RedList_GB-VU Nationally Scarce	1		P	1786	NW	04/08/1999	1786	NW	04/08/1999
<i>Geranium pratense</i>	Meadow Crane's-bill	Local Spp of Cons Conc	3		1	1575	NW	1991	1644	NW	1995
<i>Hyacinthoides non-scripta</i>	Bluebell	W&CA Sch8 Local Spp of Cons Conc	22		P	171	NW	1988	1703	S	30/04/2011
<i>Hydrilla verticillata</i>	Esthwaite Waterweed	RedList_GB-VU Nationally Rare	1		P	1935	NE	1988	1935	NE	1988
<i>Kickxia spuria</i>	Round-leaved Fluellen	Local Spp of Cons Conc	2		1	1716	NW	1981	1716	NW	1981
<i>Lathraea squamaria</i>	Toothwort	Local Spp of Cons Conc	7		1	1156	W	1939-1953	1596	NW	08/04/2009
<i>Lepidium latifolium</i>	Dittander	Nationally Scarce	12		1	1157	NW	11/08/2004	2030	NW	2006
<i>Lepidium ruderae</i>	Narrow-leaved Pepperwort	Local Spp of Cons Conc	1		P	1359	W	1996	1359	W	1996
<i>Linaria repens</i>	Pale Toadflax	Local Spp of Cons Conc	1		1	1407	SW	1999	1407	SW	1999
<i>Lithospermum arvense</i>	Field Gromwell	RedList_GB-EN	1		P	1716	NW	1981	1716	NW	1981
<i>Myriophyllum verticillatum</i>	Whorled Water-milfoil	Local Spp of Cons Conc RedList_GB-VU	2		P	1809	NW	1965	1935	NE	1988
<i>Narcissus pseudonarcissus</i>	Daffodil	Local Spp of Cons Conc	1		P	1970	S	1995	1970	S	1995
<i>Nymphoides peltata</i>	Fringed Water-lily	Local Spp of Cons Conc Nationally Scarce	2		P	1947	NW	12/09/1996	1947	NW	12/09/1996
<i>Oenanthe fluviatilis</i>	River Water-dropwort	BAP Priority London Local Spp of Cons Conc	1		P	1456	W	1984	1456	W	1984
<i>Orchis mascula</i>	Early-purple Orchid	Local Spp of Cons Conc	10		16	180	NE	1995	180	NE	1995
<i>Paris quadrifolia</i>	Herb-paris	Local Spp of Cons Conc	1		P	842	SW	1737	842	SW	1737
<i>Ruscus aculeatus</i>	Butcher's-broom	HSD5	5		1	1558	S	2008	1558	S	2008
<i>Sagittaria sagittifolia</i>	Arrowhead	Local Spp of Cons Conc	6		1	1355	W	13/08/2004	1735	SW	17/08/2004
<i>Scutellaria minor</i>	Lesser Skullcap	Local Spp of Cons Conc	2		P	831	E	1984	907	E	1987
<i>Stratiotes aloides</i>	Water-soldier	RedList_GB-Lr(NT) Nationally Rare	1		3	687	SW	1995	687	SW	1995
<i>Succisa pratensis</i>	Devil's-bit Scabious	Local Spp of Cons Conc	3		P	261	SE	1988	1395	SW	16/09/2004
<i>Thalictrum flavum</i>	Common Meadow-rue	Local Spp of Cons Conc	1		P	1556	W	1958	1556	W	1958
<i>Tilia platyphyllos</i>	Large-leaved Lime	Nationally Scarce	1		P	1229	W	27/05/2004	1229	W	27/05/2004
<i>Utricularia australis</i>	Bladderwort	Local Spp of Cons Conc	4		P	1935	NE	1988	2025	E	1992
<i>Viola tricolor subsp. tricolor</i>	Pansy	RedList_GB-Lr(NT)	1		P	872	SE	01/05/2014	872	SE	01/05/2014
<i>Viscum album</i>	Mistletoe	BAP Priority London Local Spp of Cons Conc	1		5	1886	S	1995	1886	S	1995
Invertebrates - Spiders											
<i>Argiope bruennichi</i>	Wasp Spider	Local Spp of Cons Conc	1		P	1808	E	01/09/2013	1808	E	01/09/2013

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Invertebrates - Dragonflies & Damselflies											
<i>Erythromma najas</i>	Red-eyed Damselfly	Local Spp of Cons Conc	5		10	1460	W	25/07/2009	2011	NW	04/08/2017
<i>Erythromma viridulum</i>	Small Red-eyed Damselfly	Local Spp of Cons Conc	1		35	1868	NW	11/08/2018	1868	NW	11/08/2018
<i>Sympetrum sanguineum</i>	Ruddy Darter	Local Spp of Cons Conc	1		1	1808	E	20/09/2013	1808	E	20/09/2013
Invertebrates - Grasshoppers & Crickets											
<i>Conocephalus fuscus</i>	Long-winged Cone-head	Local Spp of Cons Conc	2		P	1157	NW	11/08/2004	1169	W	13/08/2004
Invertebrates - Beetles											
<i>Lucanus cervus</i>	Stag Beetle	Hab&Spp Dir Anx 2 NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc Nationally Notable B	3		1	616	SW	23/08/2017	616	SW	23/08/2017
Invertebrates - Butterflies											
<i>Apatura iris</i>	Purple Emperor	Local Spp of Cons Conc RedList_GB-Lr(NT)	2		1	930	E	23/07/2008	930	E	20/07/2013
<i>Argynnis aglaja aglaja</i>	Dark Green Fritillary	BAP Priority London Local Spp of Cons Conc	1		3	730	E	21/08/2016	730	E	21/08/2016
<i>Argynnis paphia</i>	Silver-washed Fritillary	Local Spp of Cons Conc	8		7	556	W	10/07/2018	967	E	04/08/2018
<i>Aricia agestis</i>	Brown Argus	Local Spp of Cons Conc	5		4	845	E	06/08/2016	967	E	04/08/2018
<i>Callophrys rubi</i>	Green Hairstreak	Local Spp of Cons Conc	1		P	1808	E	03/05/2013	1808	E	03/05/2013
<i>Coenonympha pamphilus</i>	Small Heath	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc RedList_GB-Lr(NT)	3		4	1808	E	23/08/2013	1808	E	23/08/2013
<i>Limenitis camilla</i>	White Admiral	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc RedList_GB-VU	6		3	930	E	20/07/2013	967	E	10/07/2015
<i>Melanargia galathea</i>	Marbled White	Local Spp of Cons Conc	4		41	664	SW	07/07/2002	788	SW	14/07/2011
<i>Melanargia galathea serena</i>	Marbled White	Local Spp of Cons Conc	5		2	2060	NW	07/08/2016	2060	NW	07/08/2016
<i>Papilio machaon</i>	Swallowtail	W&CA Sch5 Sec 9.1k/i W&CA Sch5 Sec 9.1t W&CA Sch5 Sec 9.4a W&CA Sch5 Sec 9.4b W&CA Sch5 Sec 9.4c RedList_GB-Lr(NT)	1		P	1808	E	19/07/2012	1808	E	19/07/2012
Invertebrates - Moths											
<i>Acronicta rumicis</i>	Knot Grass	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	4		1	1484	SW	01/07/2005	1808	E	08/07/2013

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<i>Agrochola lychnidis</i>	Beaded Chestnut	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	2		1	1484	SW	2009	1484	SW	2009
<i>Allophyes oxyacanthae</i>	Green-brindled Crescent	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	2		1	1484	SW	2009	1484	SW	2009
<i>Amphipoea oculea</i>	Ear Moth	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	2		1	1484	SW	2009	1484	SW	2009
<i>Anaplectoides prasina</i>	Green Arches	Local Spp of Cons Conc	1		1	1484	SW	25/06/2011	1484	SW	25/06/2011
<i>Apamea remissa</i>	Dusky Brocade	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	2		1	1484	SW	2009	1484	SW	2009
<i>Archanara dissoluta</i>	Brown-veined Wainscot	Local Spp of Cons Conc	1		P	1808	E	19/07/2012	1808	E	19/07/2012
<i>Arctia caja</i>	Garden Tiger	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	1		1	1527	SW	2008	1527	SW	2008
<i>Arenostola phragmitidis</i>	Fen Wainscot	Local Spp of Cons Conc	1		P	1808	E	19/07/2012	1808	E	19/07/2012
<i>Atethmia centrargo</i>	Centre-barred Sallow	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	1		P	1808	E	02/09/2012	1808	E	02/09/2012
<i>Caradrina morpheus</i>	Mottled Rustic	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	1		1	1484	SW	01/07/2005	1484	SW	01/07/2005
<i>Chilodes maritima</i>	Silky Wainscot	Local Spp of Cons Conc	1		P	1808	E	20/08/2013	1808	E	20/08/2013
<i>Cirrhia icteritia</i>	Sallow	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	3		1	1484	SW	2009	1808	E	03/09/2013
<i>Coenobia rufa</i>	Small Rufous	Local Spp of Cons Conc	1		1	1527	SW	2008	1527	SW	2008
<i>Cossus cossus</i>	Goat Moth	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	4		P	1808	E	14/04/2013	1808	E	08/07/2013
<i>Diarsia rubi</i>	Small Square-spot	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	3		1	1484	SW	2009	1484	SW	2009
<i>Dicycla oo</i>	Heart Moth	NERC Act Section 41 UKBAP	1		1	1527	SW	04/07/2008	1527	SW	04/07/2008
<i>Earias clorana</i>	Cream-bordered Green Pea	Local Spp of Cons Conc	4		3	1808	E	20/08/2013	1808	E	20/08/2013
<i>Ecliptopera silaceata</i>	Small Phoenix	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	3		1	1484	SW	01/07/2005	1484	SW	2009

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<i>Eilema depressa</i>	Buff Footman	Local Spp of Cons Conc	3		1	1484	SW	2009	1808	E	19/07/2012
<i>Eilema griseola</i>	Dingy Footman	Local Spp of Cons Conc	16		18	1484	SW	01/07/2005	1808	E	08/07/2013
<i>Ennomos erosaria</i>	September Thorn	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	2		1	1484	SW	2009	1484	SW	2009
<i>Ennomos fuscantaria</i>	Dusky Thorn	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	3		1	1484	SW	01/07/2005	1484	SW	2009
<i>Ennomos quercinaria</i>	August Thorn	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	1		P	1808	E	11/08/2013	1808	E	11/08/2013
<i>Eulithis mellinata</i>	Spinach	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	1		P	1808	E	03/09/2013	1808	E	03/09/2013
<i>Hadena albimacula</i>	White Spot	NERC Act Section 41 UKBAP	1		P	1808	E	17/06/2013	1808	E	17/06/2013
<i>Helotropha leucostigma</i>	Crescent	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	2		1	1484	SW	01/07/2005	1484	SW	2009
<i>Hemistola chrysoprasaria</i>	Small Emerald	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	1		1	1527	SW	2008	1527	SW	2008
<i>Hepialus humuli</i>	Ghost Moth	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	2		1	1484	SW	01/07/2005	1484	SW	2009
<i>Hoplodrina blanda</i>	Rustic	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	6		1	1484	SW	2009	1808	E	03/09/2013
<i>Hydraecia micacea</i>	Rosy Rustic	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	4		1	1484	SW	2009	1808	E	20/08/2013
<i>Lenisa geminipuncta</i>	Twin-spotted Wainscot	Local Spp of Cons Conc	5		1	1527	SW	27/07/2011	1527	SW	27/07/2011
<i>Leucania comma</i>	Shoulder-striped Wainscot	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	1		P	1808	E	08/07/2013	1808	E	08/07/2013
<i>Leucania obsoleta</i>	Obscure Wainscot	Local Spp of Cons Conc	1		P	1808	E	08/07/2013	1808	E	08/07/2013
<i>Lycia hirtaria</i>	Brindled Beauty	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	2		1	1484	SW	2009	1484	SW	2009
<i>Mythimna straminea</i>	Southern Wainscot	Local Spp of Cons Conc	2		1	1736	NW	11/08/2001	1736	NW	11/08/2001

Taxon Name	Common Name	Designation	Total number of occurrences	No. of breeding occurrences	Maximum occurrence	Distance (m) of nearest record	Bearing of nearest record	Date of nearest record	Distance (m) of most recent record	Bearing of most recent record	Date of most recent record
<i>Orthosia gracilis</i>	Powdered Quaker	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	4		1	1484	SW	2009	1808	E	17/04/2013
<i>Parascotia fuliginaria</i>	Waved Black	Local Spp of Cons Conc	2		1	1484	SW	2009	1527	SW	03/08/2011
<i>Pelurga comitata</i>	Dark Spinach	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	1		1	1527	SW	03/08/2011	1527	SW	03/08/2011
<i>Schoenobius gigantella</i>	Giant Water-veneer	Nationally Notable B	1		P	1808	E	19/07/2012	1808	E	19/07/2012
<i>Schrankia costastrigalis</i>	Pinion-streaked Snout	Local Spp of Cons Conc	4		3	1484	SW	2009	1527	SW	03/08/2011
<i>Scotopteryx chenopodiata</i>	Shaded Broad-bar	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	3		1	1484	SW	2009	1808	E	19/07/2012
<i>Spilosoma lubricipeda</i>	White Ermine	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	5		1	1484	SW	2009	1808	E	08/07/2013
<i>Spilosoma lutea</i>	Buff Ermine	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	3		1	1484	SW	01/07/2005	1484	SW	2009
<i>Tholera decimalis</i>	Feathered Gothic	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	2		1	1484	SW	01/07/2005	1484	SW	2009
<i>Thumatha senex</i>	Round-winged Muslin	Local Spp of Cons Conc	3		1	1484	SW	01/07/2005	1484	SW	2009
<i>Timandra comae</i>	Blood-vein	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	2		1	1484	SW	01/07/2005	1484	SW	2009
<i>Tyria jacobaeae</i>	Cinnabar	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	4		1	1169	W	13/08/2004	1484	SW	2009
<i>Watsonalla binaria</i>	Oak Hook-tip	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	4		1	1074	S	14/09/2004	1808	E	02/09/2012
<i>Xanthorhoe biriviata</i>	Balsam Carpet	BAP Priority London Local Spp of Cons Conc	4		1	1484	SW	01/07/2005	1484	SW	2009
<i>Xestia castanea</i>	Neglected Rustic	NERC Act Section 41 UKBAP	1		P	1808	E	20/08/2013	1808	E	20/08/2013

Protected species and Species of Conservation Concern – Coarse Resolution Records

The species records in this table are represent records of 1km², 2km² or 10km² accuracy.

Taxon Name	Common Name	Designation	Total number of occurrences	Record accuracy	Date of oldest record	Date of most recent record
Amphibians						
<i>Triturus cristatus</i>	Great Crested Newt	Hab&Spp Dir Anx 2 Hab&Spp Dir Anx 4 Cons Regs 2010 Sch2 W&CA Sch5 Sec 9.4b W&CA Sch5 Sec 9.4c NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	1	1km	24/04/2018	24/04/2018
Birds						
<i>Acanthis flammea</i>	Common (Mealy) Redpoll	BAP Priority London Local Spp of Cons Conc	1	1km	27/11/2010	27/11/2010
<i>Alcedo atthis</i>	Kingfisher	Birds Dir Anx 1 W&CA Sch1 Part 1 Local Spp of Cons Conc	5	1km	20/11/2010	19/11/2012
<i>Anas clypeata</i>	Shoveler	Local Spp of Cons Conc	1	1km	25/10/2014	25/10/2014
<i>Anas penelope</i>	Wigeon	Local Spp of Cons Conc	5	1km	15/01/2012	18/12/2012
<i>Anas strepera</i>	Gadwall	Local Spp of Cons Conc	8	1km	15/01/2012	25/10/2014
<i>Apus apus</i>	Swift	Local Spp of Cons Conc	1	1km	30/05/2014	30/05/2014
<i>Ardea cinerea</i>	Grey Heron	Local Spp of Cons Conc	4	1km	12/03/2012	20/08/2012
<i>Aythya ferina</i>	Pochard	Bird-Red	4	1km	15/01/2012	18/12/2012
<i>Bucephala clangula</i>	Goldeneye	Local Spp of Cons Conc	6	1km	20/11/2010	09/12/2010
<i>Columba oenas</i>	Stock Dove	Local Spp of Cons Conc	1	1km	30/05/2014	30/05/2014
<i>Cygnus olor</i>	Mute Swan	Local Spp of Cons Conc	12	1km	15/01/2012	18/12/2012
<i>Egretta garzetta</i>	Little Egret	Birds Dir Anx 1 Local Spp of Cons Conc	3	1km	20/11/2010	09/12/2010
<i>Gallinago gallinago</i>	Snipe	Local Spp of Cons Conc	1	1km	27/11/2010	27/11/2010
<i>Larus argentatus</i>	Herring Gull	BAP Priority London Local Spp of Cons Conc Bird-Red	1	1km	15/01/2012	15/01/2012
<i>Larus fuscus</i>	Lesser Black-backed Gull	Local Spp of Cons Conc	1	1km	15/01/2012	15/01/2012
<i>Melanitta fusca</i>	Velvet Scoter	W&CA Sch1 Part 1 Bird-Red	8	1km	13/11/2010	06/12/2010
<i>Mergellus albellus</i>	Smew	Birds Dir Anx 1	1	1km	09/12/2010	09/12/2010
<i>Milvus milvus</i>	Red Kite	Birds Dir Anx 1 W&CA Sch1 Part 1	2	1km	20/08/2012	16/10/2012
<i>Motacilla cinerea</i>	Grey Wagtail	Local Spp of Cons Conc Bird-Red	3	1km	20/11/2010	09/12/2010
<i>Podiceps auritus</i>	Slavonian Grebe	Birds Dir Anx 1 W&CA Sch1 Part 1 Bird-Red	1	1km	17/11/2010	17/11/2010
<i>Pyrrhula pyrrhula</i>	Bullfinch	BAP Priority London	2	1km	27/11/2010	05/12/2010
<i>Rallus aquaticus</i>	Water Rail	Local Spp of Cons Conc	1	1km	20/11/2010	20/11/2010
<i>Regulus regulus</i>	Goldcrest	Local Spp of Cons Conc	1	1km	23/11/2010	23/11/2010
<i>Scolopax rusticola</i>	Woodcock	Local Spp of Cons Conc Bird-Red	1	1km	09/12/2010	09/12/2010
<i>Sterna hirundo</i>	Common Tern	Birds Dir Anx 1 Local Spp of Cons Conc	2	1km	20/05/2012	23/07/2012

Taxon Name	Common Name	Designation	Total number of occurrences	Record accuracy	Date of oldest record	Date of most recent record
<i>Vanellus vanellus</i>	Lapwing	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc Bird-Red	2	1km	20/11/2010	27/11/2010
Mammals - Terrestrial (bats)						
<i>Pipistrellus pipistrellus</i>	Common Pipistrelle	Hab&Spp Dir Anx 4 Cons Regs 2010 Sch2 W&CA Sch5 Sec 9.4b W&CA Sch5 Sec 9.4c BAP Priority London	1	1km	05/05/2002	05/05/2002
Lower Plants - Stoneworts						
<i>Chara contraria</i>	Opposite Stonewort	Local Spp of Cons Conc	1	1km	01/01/1980	01/01/1980
<i>Chara globularis</i>	Fragile Stonewort	Local Spp of Cons Conc	2	1km	01/01/1967	01/01/1989
<i>Chara vulgaris</i> var. <i>papillata</i>	A Stonewort	Local Spp of Cons Conc	1	1km	01/01/1975	01/01/1975
Higher Plants - Clubmosses						
<i>Lycopodiella inundata</i>	Marsh Clubmoss	NERC Act Section 41 UKBAP RedList_GB-EN Nationally Scarce	3	1km	1866	01/01/1964
<i>Lycopodium clavatum</i>	Stag's-horn Clubmoss	HSD5	1	1km	01/01/1780	01/01/1780
Higher Plants - Horsetails						
<i>Equisetum sylvaticum</i>	Wood Horsetail	Local Spp of Cons Conc	8	1km	1753	01/01/1967
Higher Plants - Ferns						
<i>Blechnum spicant</i>	Hard-fern	Local Spp of Cons Conc	11	1km, 2km, 10km	1737	01/01/1988
<i>Dryopteris cristata</i>	Crested Buckler-fern	NERC Act Section 41 UKBAP RedList_GB-CR Nationally Rare	1	10km	1768	01/01/1768
<i>Oreopteris limbosperma</i>	Lemon-scented Fern	Local Spp of Cons Conc	5	1km, 2km, 10km	01/01/1827	02/08/1998
Higher Plants - Conifers						
<i>Juniperus communis</i>	Juniper	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	3	1km, 10km	1737	01/01/1964
Higher Plants - Flowering Plants						
<i>Adonis annua</i>	Pheasant's-eye	NERC Act Section 41 UKBAP RedList_GB-EN Nationally Scarce	2	1km, 10km	1884	01/01/1884
<i>Aira caryophyllea</i>	Silver Hair-grass	Local Spp of Cons Conc	3	10km	1951	01/01/1987
<i>Allium oleraceum</i>	Field Garlic	RedList_GB-VU	2	10km	24/06/1998	04/07/1998
<i>Alopecurus aequalis</i>	Orange Foxtail	Local Spp of Cons Conc	1	10km	01/01/1964	01/01/1964
<i>Anacamptis morio</i>	Green-winged Orchid	Local Spp of Cons Conc RedList_GB-Lr(NT)	16	1km, 10km	22/05/1902	01/01/1964

Taxon Name	Common Name	Designation	Total number of occurrences	Record accuracy	Date of oldest record	Date of most recent record
<i>Anthemis cotula</i>	Stinking Chamomile	RedList_GB-VU	3	10km	1912	02/07/1988
<i>Apera spica-venti</i>	Loose Silky-bent	Local Spp of Cons Conc RedList_GB-Lr(NT)	4	10km	1916	01/01/1964
<i>Apium inundatum</i>	Lesser Marshwort	Local Spp of Cons Conc	3	1km, 10km	1737	01/01/1964
<i>Arabis glabra</i>	Tower Mustard	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc RedList_GB-EN Nationally Scarce	3	1km, 10km	1860	01/01/1891
<i>Atriplex littoralis</i>	Grass-leaved Orache	Local Spp of Cons Conc	3	1km, 10km	1900	01/01/1995
<i>Baldellia ranunculoides</i>	Lesser Water-plantain	Local Spp of Cons Conc RedList_GB-Lr(NT)	4	1km, 10km	1753	01/01/1964
<i>Blysmus compressus</i>	Flat-sedge	NERC Act Section 41 UKBAP RedList_GB-VU	1	10km	01/01/1830	01/01/1830
<i>Brassica oleracea</i>	Wild Cabbage	Nationally Scarce	6	1km, 2km, 10km	01/01/1964	14/07/1991
<i>Bromus hordeaceus subsp. thominei</i>	Sand Soft-brome	Nationally Scarce	2	1km, 10km	1965-1976	01/01/1965
<i>Bromus interruptus</i>	Interrupted Brome	NERC Act Section 41 UKBAP RedList_GB-EW	9	1km, 10km	1898	1912
<i>Bromus racemosus</i>	Smooth Brome	Local Spp of Cons Conc	2	10km	01/01/1964	1964
<i>Bromus secalinus</i>	Rye Brome	RedList_GB-VU Nationally Scarce	7	1km, 10km	01/01/1908	1957
<i>Bupleurum rotundifolium</i>	Thorow-wax	NERC Act Section 41 UKBAP RedList_GB-CR Nationally Rare	6	1km, 10km	01/01/1735	1908
<i>Buxus sempervirens</i>	Box	RedList_GB-DD Nationally Rare	13	1km, 2km, 10km	1753	2001
<i>Camelina sativa</i>	Gold-of-pleasure	Nationally Scarce	9	1km, 2km, 10km	01/01/1887	01/01/1977
<i>Cardamine bulbifera</i>	Coralroot	Local Spp of Cons Conc Nationally Scarce	78	1km, 2km, 10km	1737	31/03/2011
<i>Cardamine impatiens</i>	Narrow-leaved Bitter-cress	BAP Priority London Local Spp of Cons Conc RedList_GB-Lr(NT) Nationally Scarce	1	10km	1753	01/01/1753
<i>Carex appropinquata</i>	Fibrous Tussock-sedge	RedList_GB-Lr(NT) Nationally Scarce	13	1km, 10km	01/01/1873	01/01/1964
<i>Carex binervis</i>	Green-ribbed Sedge	Local Spp of Cons Conc	1	10km	01/01/1903	01/01/1903
<i>Carex caryophyllea</i>	Spring-sedge	Local Spp of Cons Conc	9	1km, 2km, 10km	1947	09/05/1979
<i>Carex pallescens</i>	Pale Sedge	Local Spp of Cons Conc	4	1km, 10km	1950	1993
<i>Carex panicea</i>	Carnation Sedge	Local Spp of Cons Conc	4	1km, 2km, 10km	1946	1965
<i>Carex paniculata</i>	Greater Tussock-sedge	Local Spp of Cons Conc	15	1km, 2km, 10km	1877	1995
<i>Carex paniculata x appropinquata</i> = <i>C. x rotae</i>	Sedge	RedList_GB-VU Nationally Rare	2	10km	1880	1890
<i>Carex riparia</i>	Greater Pond-sedge	Local Spp of Cons Conc	10	1km, 10km	1877	06/08/2011
<i>Carex strigosa</i>	Thin-spiked Wood-sedge	Local Spp of Cons Conc	10	1km, 10km	1950	01/01/1995
<i>Carlina vulgaris</i>	Carline Thistle	Local Spp of Cons Conc	3	1km, 10km	1753	01/01/1886

Taxon Name	Common Name	Designation	Total number of occurrences	Record accuracy	Date of oldest record	Date of most recent record
<i>Carum carvi</i>	Caraway	NERC Act Section 41 UKBAP RedList_GB-EN Nationally Scarce	4	10km	25/05/1901	1942
<i>Catabrosa aquatica</i>	Whorl-grass	Local Spp of Cons Conc	13	1km, 2km, 10km	1915	01/01/1995
<i>Caucalis platycarpus</i>	Small Bur-parsley	RedList_GB-EX	1	10km	01/01/1964	01/01/1964
<i>Centaurea calcitrapa</i>	Red Star-thistle	NERC Act Section 41 UKBAP RedList_GB-CR Nationally Rare	1	1km	01/01/1964	01/01/1964
<i>Centaurea cyanus</i>	Cornflower	NERC Act Section 41 UKBAP	15	1km, 10km	1870	01/01/1964
<i>Cephalanthera damasonium</i>	White Helleborine	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc RedList_GB-VU	2	10km	1944	01/01/1950
<i>Ceratocapnos claviculata</i>	Climbing Corydalis	Local Spp of Cons Conc	3	10km	1947	01/01/1979
<i>Chamaemelum nobile</i>	Chamomile	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc RedList_GB-VU	8	1km, 10km	1737	21/09/1980
<i>Chenopodium bonus-henricus</i>	Good-King-Henry	RedList_GB-VU	5	1km, 10km	1945	1994
<i>Chenopodium glaucum</i>	Oak-leaved Goosefoot	RedList_GB-VU Nationally Scarce	2	10km	1909	1949
<i>Chenopodium murale</i>	Nettle-leaved Goosefoot	Local Spp of Cons Conc RedList_GB-VU	5	1km, 2km, 10km	1946	1985
<i>Chenopodium vulvaria</i>	Stinking Goosefoot	W&CA Sch8 NERC Act Section 41 UKBAP Local Spp of Cons Conc RedList_GB-EN Nationally Scarce	2	10km	01/01/1885	1951
<i>Chrysosplenium oppositifolium</i>	Opposite-leaved Golden-saxifrage	Local Spp of Cons Conc	29	1km, 2km, 10km	1753	20/05/2006
<i>Cicuta virosa</i>	Cowbane	Nationally Scarce	1	10km	01/01/1964	01/01/1964
<i>Clinopodium acinos</i>	Basil Thyme	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc RedList_GB-VU	14	1km, 10km	1753	01/01/1994
<i>Clinopodium ascendens</i>	Common Calamint	Local Spp of Cons Conc	14	1km, 10km	1753	01/01/1994
<i>Clinopodium calamintha</i>	Lesser Calamint	BAP Priority London Local Spp of Cons Conc RedList_GB-VU Nationally Scarce	8	1km, 10km	1753	04/07/1998
<i>Coeloglossum viride</i>	Frog Orchid	NERC Act Section 41 UKBAP Local Spp of Cons Conc RedList_GB-VU	7	1km, 10km	1900	01/01/1964
<i>Convallaria majalis</i>	Lily-of-the-valley	Local Spp of Cons Conc	3	1km, 10km	1950	01/01/1980

Taxon Name	Common Name	Designation	Total number of occurrences	Record accuracy	Date of oldest record	Date of most recent record
<i>Cuscuta epithymum</i>	Dodder	BAP Priority London Local Spp of Cons Conc RedList_GB-VU	5	1km, 10km	01/01/1680	01/01/1964
<i>Cuscuta europaea</i>	Greater Dodder	Nationally Scarce	1	1km	1753	01/01/1753
<i>Cynoglossum officinale</i>	Hound's-tongue	RedList_GB-Lr(NT)	4	1km, 10km	01/01/1882	01/01/1964
<i>Cyperus longus</i>	Galingale	RedList_GB-Lr(NT) Nationally Scarce	1	10km	01/01/1998	01/01/1998
<i>Dactylorhiza maculata</i>	Heath Spotted-orchid	Local Spp of Cons Conc	1	1km	01/05/2014	01/05/2014
<i>Dactylorhiza maculata subsp. ericetorum</i>	Heath Spotted-Orchid	Local Spp of Cons Conc	2	1km, 2km	01/01/1913	29/04/1928
<i>Damasonium alisma</i>	Starfruit	W&CA Sch8 NERC Act Section 41 UKBAP RedList_GB-CR Nationally Rare	6	1km, 2km	01/01/1736	01/01/1964
<i>Dianthus armeria</i>	Deptford Pink	W&CA Sch8 NERC Act Section 41 UKBAP Local Spp of Cons Conc RedList_GB-EN Nationally Scarce	7	1km, 10km	1737	1909
<i>Dianthus deltoides</i>	Maiden Pink	RedList_GB-Lr(NT) Nationally Scarce	1	10km	1940	1940
<i>Dipsacus pilosus</i>	Small Teasel	Local Spp of Cons Conc	9	1km, 2km, 10km	1913	04/10/1997
<i>Draba muralis</i>	Wall Whitlowgrass	Nationally Scarce	1	10km	1951	01/01/1951
<i>Echium vulgare</i>	Viper's-bugloss	Local Spp of Cons Conc	10	1km, 10km	1753	01/01/1964
<i>Eleocharis acicularis</i>	Needle Spike-rush	Local Spp of Cons Conc	1	1km	1950	01/01/1950
<i>Eleocharis palustris subsp. palustris</i>	Common Spike-Rush	RedList_GB-DD	1	2km	01/01/1964	01/01/1964
<i>Eleogiton fluitans</i>	Floating Club-rush	Local Spp of Cons Conc	4	1km, 10km	1737	1983
<i>Epilobium palustre</i>	Marsh Willowherb	Local Spp of Cons Conc	4	10km	1876	1972
<i>Epipactis phyllanthos</i>	Green-flowered Helleborine	BAP Priority London Local Spp of Cons Conc Nationally Scarce	11	1km, 2km, 10km	1965	1989
<i>Epipactis purpurata</i>	Violet Helleborine	Local Spp of Cons Conc	12	1km, 2km, 10km	1888	2003
<i>Erica cinerea</i>	Bell Heather	Local Spp of Cons Conc	8	1km, 10km	1737	1977
<i>Erica tetralix</i>	Cross-leaved Heath	Local Spp of Cons Conc	7	1km, 10km	1737	02/08/1998
<i>Eriophorum angustifolium</i>	Common Cottongrass	Local Spp of Cons Conc	11	1km, 10km	01/01/1867	01/01/1964
<i>Euphorbia exigua</i>	Dwarf Spurge	RedList_GB-Lr(NT)	10	1km, 2km, 10km	1753	04/07/1998
<i>Euphorbia platyphyllos</i>	Broad-leaved Spurge	Local Spp of Cons Conc	10	1km, 10km	1737	01/01/1964
<i>Euphrasia officinalis subsp. anglica</i>	Small-flowered Sticky Eyebright	NERC Act Section 41 UKBAP Local Spp of Cons Conc RedList_GB-EN	2	1km, 10km	1946	01/01/1950
<i>Filago minima</i>	Small Cudweed	Local Spp of Cons Conc	9	1km, 2km, 10km	01/01/1827	02/08/1998
<i>Filago vulgaris</i>	Common Cudweed	Local Spp of Cons Conc RedList_GB-Lr(NT)	4	1km, 10km	1950	01/01/1964
<i>Fritillaria meleagris</i>	Fritillary	Nationally Scarce	4	1km, 2km, 10km	01/01/1906	1999
<i>Fumaria purpurea</i>	Purple Ramping-fumitory	NERC Act Section 41 UKBAP Nationally Scarce	3	10km	1892	1892

Taxon Name	Common Name	Designation	Total number of occurrences	Record accuracy	Date of oldest record	Date of most recent record
<i>Galeopsis angustifolia</i>	Red Hemp-nettle	NERC Act Section 41 UKBAP Local Spp of Cons Conc RedList_GB-CR Nationally Scarce	10	1km, 2km, 10km	01/01/1888	1976
<i>Galium tricornutum</i>	Corn Cleavers	NERC Act Section 41 UKBAP RedList_GB-CR Nationally Rare	2	10km	1910	1926
<i>Genista anglica</i>	Petty Whin	Local Spp of Cons Conc RedList_GB-Lr(NT)	9	1km, 10km	1753	24/05/2003
<i>Genista tinctoria</i>	Dyer's Greenweed	Local Spp of Cons Conc	9	1km, 10km	04/08/1902	01/01/1992
<i>Genista tinctoria subsp. tinctoria</i>	Dyer's Greenweed	Local Spp of Cons Conc	1	10km	04/07/1998	04/07/1998
<i>Gentianella campestris</i>	Field Gentian	NERC Act Section 41 UKBAP RedList_GB-VU	2	1km, 10km	1746	01/01/1753
<i>Gentianella germanica</i>	Chiltern Gentian	RedList_GB-VU Nationally Scarce	28	1km, 2km, 10km	1883	1989
<i>Geranium columbinum</i>	Long-stalked Crane's-bill	Local Spp of Cons Conc	16	1km, 2km, 10km	01/01/1654	2003
<i>Geranium pratense</i>	Meadow Crane's-bill	Local Spp of Cons Conc	13	1km, 2km, 10km	1945	1990
<i>Glebionis segetum</i>	Corn Marigold	RedList_GB-VU	10	1km, 10km	1910	1993
<i>Gnaphalium sylvaticum</i>	Heath Cudweed	RedList_GB-EN	14	1km, 10km	1737	01/01/1964
<i>Groenlandia densa</i>	Opposite-leaved Pondweed	RedList_GB-VU	5	10km	13/06/1940	01/01/1964
<i>Gymnadenia conopsea</i>	Fragrant Orchid	Local Spp of Cons Conc	15	1km, 2km, 10km	1737	1982
<i>Helleborus viridis</i>	Green Hellebore	Local Spp of Cons Conc	5	1km, 10km	01/01/1791	1877
<i>Herniaria glabra</i>	Smooth Rupturewort	Nationally Rare	1	1km	01/01/1792	1792
<i>Hieracium acuminatum</i>	Green-leaved Hawkweed	Nationally Rare	1	1km	01/01/1964	1964
<i>Hieracium diaphanum</i>	Fang-toothed Hawkweed	Nationally Rare	1	1km	1920	1920
<i>Hieracium virgultorum</i>	Hawkweed	Nationally Rare	7	1km, 10km	1945	1968
<i>Hordelymus europaeus</i>	Wood Barley	Nationally Scarce	5	1km, 10km	01/01/1886	1951
<i>Hottonia palustris</i>	Water-violet	Local Spp of Cons Conc	2	1km, 10km	1877	01/01/1887
<i>Hyacinthoides non-scripta</i>	Bluebell	W&CA Sch8 Local Spp of Cons Conc	17	1km, 10km	1753	01/05/2014
<i>Hydrilla verticillata</i>	Esthwaite Waterweed	RedList_GB-VU Nationally Rare	1	10km	1994	01/01/1994
<i>Hydrocharis morsus-ranae</i>	Frogbit	RedList_GB-VU	12	1km, 2km, 10km	1877	1965
<i>Hydrocotyle vulgaris</i>	Marsh Pennywort	Local Spp of Cons Conc	10	1km, 2km, 10km	1753	24/05/2003
<i>Hyoscyamus niger</i>	Henbane	Local Spp of Cons Conc RedList_GB-VU	6	1km, 10km	1753	01/01/1964
<i>Iberis amara</i>	Wild Candytuft	NERC Act Section 41 UKBAP RedList_GB-VU Nationally Scarce	1	10km	01/01/1964	01/01/1964
<i>Jasione montana</i>	Sheep's-bit	Local Spp of Cons Conc	3	1km, 10km	01/01/1780	01/01/1912
<i>Juncus squarrosus</i>	Heath Rush	Local Spp of Cons Conc	3	1km, 10km	1737	01/01/1964
<i>Kickxia elatine</i>	Sharp-leaved Fluellen	Local Spp of Cons Conc	10	1km, 2km, 10km	01/01/1826	1994
<i>Kickxia spuria</i>	Round-leaved Fluellen	Local Spp of Cons Conc	13	1km, 2km, 10km	1753	1994
<i>Koeleria macrantha</i>	Crested Hair-grass	Local Spp of Cons Conc	2	10km	1947	1998
<i>Lathraea squamaria</i>	Toothwort	Local Spp of Cons Conc	27	1km, 10km	1737	01/01/1994
<i>Lathyrus aphaca</i>	Yellow Vetchling	Local Spp of Cons Conc RedList_GB-VU Nationally Scarce	3	10km	1907	01/01/1987

Taxon Name	Common Name	Designation	Total number of occurrences	Record accuracy	Date of oldest record	Date of most recent record
<i>Lathyrus linifolius</i>	Bitter-vetch	Local Spp of Cons Conc	6	1km, 10km	1910	01/01/1964
<i>Lepidium heterophyllum</i>	Smith's Pepperwort	Local Spp of Cons Conc	3	1km, 10km	01/01/1884	01/01/1964
<i>Lepidium latifolium</i>	Dittander	Nationally Scarce	43	1km, 2km, 10km	1937	06/08/2011
<i>Lepidium ruderale</i>	Narrow-leaved Pepperwort	Local Spp of Cons Conc	2	10km	01/01/1875	01/01/1946
<i>Limosella aquatica</i>	Mudwort	BAP Priority London Local Spp of Cons Conc Nationally Scarce	11	1km, 10km	1737	01/01/1964
<i>Linaria repens</i>	Pale Toadflax	Local Spp of Cons Conc	4	1km, 2km, 10km	1951	2001
<i>Lithospermum arvense</i>	Field Gromwell	RedList_GB-EN	9	1km, 10km	01/01/1869	01/01/1964
<i>Lithospermum officinale</i>	Common Gromwell	Local Spp of Cons Conc	4	1km, 10km	1877	01/01/1964
<i>Lolium temulentum</i>	Darnel	NERC Act Section 41 UKBAP RedList_GB-CR Nationally Rare	3	1km, 10km	01/01/1861	1965-1976
<i>Marrubium vulgare</i>	White Horehound	Nationally Scarce	1	10km	1911	1911-1911
<i>Meconopsis cambrica</i>	Welsh Poppy	Nationally Scarce	2	2km, 10km	1980	1980-1980
<i>Medicago polymorpha</i>	Toothed Medick	Local Spp of Cons Conc Nationally Scarce	5	1km, 2km, 10km	1911	1961
<i>Medicago sativa subsp. falcata</i>	Sickle Medick	Nationally Scarce	2	10km	1912	1950
<i>Melampyrum pratense</i>	Common Cow-wheat	Local Spp of Cons Conc	10	1km, 10km	1944	1989
<i>Mentha pulegium</i>	Pennyroyal	W&CA Sch8 NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc RedList_GB-EN Nationally Scarce	5	1km, 10km	1737	01/01/1964
<i>Mentha suaveolens</i>	Round-leaved Mint	RedList_GB-DD Nationally Scarce	10	1km, 2km, 10km	1737	01/01/2005
<i>Minuartia hybrida</i>	Fine-leaved Sandwort	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc RedList_GB-EN Nationally Scarce	2	1km, 10km	1951	01/01/1979
<i>Moenchia erecta</i>	Upright Chickweed	Local Spp of Cons Conc	4	1km, 10km	1877	01/01/1964
<i>Myosotis discolor</i>	Changing Forget-me-not	Local Spp of Cons Conc	5	1km, 10km	01/01/1885	01/01/1964
<i>Myosurus minimus</i>	Mousetail	RedList_GB-VU	2	10km	1934	01/01/1964
<i>Myriophyllum alterniflorum</i>	Alternate Water-milfoil	Local Spp of Cons Conc	3	1km, 10km	01/01/1884	2002
<i>Myriophyllum verticillatum</i>	Whorled Water-milfoil	Local Spp of Cons Conc RedList_GB-VU	8	1km, 10km	1871	1965
<i>Narcissus pseudonarcissus</i>	Daffodil	Local Spp of Cons Conc	6	1km, 10km	1737	1951
<i>Narcissus pseudonarcissus subsp. pseudonarcissus</i>	Daffodil	Local Spp of Cons Conc	5	1km, 10km	01/01/1951	01/01/1977
<i>Neotinea ustulata</i>	Burnt Orchid	NERC Act Section 41 UKBAP RedList_GB-EN Nationally Scarce	9	1km	1737	1989
<i>Neottia nidus-avis</i>	Bird's-nest Orchid	Local Spp of Cons Conc RedList_GB-Lr(NT)	14	1km, 10km	01/01/1735	1989
<i>Nepeta cataria</i>	Cat-mint	RedList_GB-VU	15	1km, 10km	1753	1999

Taxon Name	Common Name	Designation	Total number of occurrences	Record accuracy	Date of oldest record	Date of most recent record
<i>Nymphoides peltata</i>	Fringed Water-lily	Local Spp of Cons Conc Nationally Scarce	1	10km	1990	1990
<i>Oenanthe aquatica</i>	Fine-leaved Water-dropwort	Local Spp of Cons Conc	2	1km	1753	1877
<i>Oenanthe fistulosa</i>	Tubular Water-dropwort	NERC Act Section 41 UKBAP RedList_GB-VU	5	1km, 10km	1753	1964
<i>Oenanthe fluviatilis</i>	River Water-dropwort	BAP Priority London Local Spp of Cons Conc	11	1km, 10km	01/01/1906	24/05/2003
<i>Onobrychis viciifolia</i>	Sainfoin	RedList_GB-Lr(NT)	15	1km, 2km, 10km	1737	01/01/1964
<i>Ononis spinosa</i>	Spiny Restharrow	Local Spp of Cons Conc	4	1km, 10km	1753	01/01/1964
<i>Ophrys insectifera</i>	Fly Orchid	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc RedList_GB-VU	27	1km, 10km	1737	1989
<i>Orchis anthropophora</i>	Man Orchid	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc RedList_GB-EN Nationally Scarce	2	1km, 10km	1753	1877
<i>Orchis mascula</i>	Early-purple Orchid	Local Spp of Cons Conc	26	1km, 10km	01/01/1821	1995
<i>Orchis militaris</i>	Military Orchid	W&CA Sch8 RedList_GB-VU Nationally Rare	23	1km, 10km	1737	1989
<i>Orchis purpurea</i>	Lady Orchid	RedList_GB-EN Nationally Scarce	2	1km	1737	1753
<i>Orobanche elatior</i>	Knapweed Broomrape	Local Spp of Cons Conc	4	1km	01/01/1902	1902
<i>Orobanche rapum-genistae</i>	Greater Broomrape	RedList_GB-Lr(NT) Nationally Scarce	3	1km	01/01/1730	1877
<i>Papaver argemone</i>	Prickly Poppy	RedList_GB-VU	24	1km, 2km, 10km	01/01/1868	1982
<i>Paris quadrifolia</i>	Herb-paris	Local Spp of Cons Conc	17	1km, 2km, 10km	01/01/1677	1989
<i>Pedicularis sylvatica</i>	Lousewort	Local Spp of Cons Conc	9	1km, 10km	1753	22/05/1983
<i>Pedicularis sylvatica subsp. sylvatica</i>	Lousewort	Local Spp of Cons Conc	2	10km	1983	01/01/1983
<i>Persicaria mitis</i>	Tasteless Water-pepper	Local Spp of Cons Conc RedList_GB-VU Nationally Scarce	2	10km	1947	1975
<i>Platanthera bifolia</i>	Lesser Butterfly-orchid	NERC Act Section 41 UKBAP Local Spp of Cons Conc RedList_GB-VU	1	10km	01/01/1964	1964
<i>Platanthera chlorantha</i>	Greater Butterfly-orchid	Local Spp of Cons Conc RedList_GB-Lr(NT)	4	1km	01/01/1964	1964
<i>Polygala serpyllifolia</i>	Heath Milkwort	Local Spp of Cons Conc	11	1km, 2km, 10km	1939-1949	1981
<i>Polygonatum multiflorum</i>	Solomon's-seal	Local Spp of Cons Conc	1	10km	01/01/1964	1964
<i>Polygonum rurivagum</i>	Cornfield Knotgrass	Local Spp of Cons Conc	4	1km, 10km	1960	1970
<i>Polypogon monspeliensis</i>	Annual Beard-grass	Nationally Scarce	2	10km	27/06/1905	1927
<i>Populus nigra subsp. betulifolia</i>	Black Poplar	BAP Priority London	2	10km	1937	1950
<i>Potamogeton lucens</i>	Shining Pondweed	Local Spp of Cons Conc	5	2km, 10km	17/05/1940	1950
<i>Potamogeton perfoliatus</i>	Perfoliate Pondweed	Local Spp of Cons Conc	11	1km, 10km	01/01/1817	01/01/1964
<i>Potamogeton polygonifolius</i>	Bog Pondweed	Local Spp of Cons Conc	4	10km	01/01/1884	01/01/1970
<i>Potamogeton trichoides</i>	Hairlike Pondweed	Local Spp of Cons Conc	8	1km, 10km	01/01/1884	1983

Taxon Name	Common Name	Designation	Total number of occurrences	Record accuracy	Date of oldest record	Date of most recent record
<i>Potentilla anglica</i>	Trailing Tormentil	Local Spp of Cons Conc	3	10km	1925	1964
<i>Potentilla argentea</i>	Hoary Cinquefoil	Local Spp of Cons Conc RedList_GB-Lr(NT)	8	1km, 10km	1737	01/01/1964
<i>Pulicaria vulgaris</i>	Small Fleabane	W&CA Sch8 NERC Act Section 41 UKBAP RedList_GB-CR Nationally Rare	2	1km, 10km	1753	01/01/1964
<i>Radiola linoides</i>	Allseed	RedList_GB-Lr(NT)	4	1km	1753	01/01/1964
<i>Ranunculus arvensis</i>	Corn Buttercup	NERC Act Section 41 UKBAP RedList_GB-CR	8	1km, 10km	1922	1989
<i>Ranunculus fluitans</i>	River Water-crowfoot	Local Spp of Cons Conc	2	10km	1984	1984
<i>Ranunculus hederaceus</i>	Ivy-leaved Crowfoot	Local Spp of Cons Conc	6	1km, 10km	01/01/1884	1946
<i>Rosa obtusifolia</i>	Round-leaved Dog-rose	Local Spp of Cons Conc	10	1km, 10km	1945	1964
<i>Rubus britannicus</i>	Bramble	Nationally Rare	1	10km	11/10/1998	1998
<i>Rubus pliocenicus</i>	Bramble	Nationally Rare	2	1km, 10km	01/01/1890	1952
<i>Rumex maritimus</i>	Golden Dock	Local Spp of Cons Conc	2	1km	1979	1994
<i>Rumex palustris</i>	Marsh Dock	Local Spp of Cons Conc	2	1km, 10km	1994	2004
<i>Ruscus aculeatus</i>	Butcher's-broom	HSD5	10	1km, 10km	1737	2008
<i>Sagittaria sagittifolia</i>	Arrowhead	Local Spp of Cons Conc	6	1km, 10km	01/01/1792	1990
<i>Salix aurita</i>	Eared Willow	Local Spp of Cons Conc	12	1km, 2km, 10km	1924	2002
<i>Salix repens</i>	Creeping Willow	Local Spp of Cons Conc	4	1km, 10km	1753	1964
<i>Salix repens</i> var. <i>repens</i>	Willow	Local Spp of Cons Conc	1	10km	1950	1950
<i>Salvia verbenaca</i>	Wild Clary	Local Spp of Cons Conc	1	10km	01/01/1887	1887
<i>Saxifraga granulata</i>	Meadow Saxifrage	Local Spp of Cons Conc	2	1km	1753	1877
<i>Scandix pecten-veneris</i>	Shepherd's-needle	NERC Act Section 41 UKBAP Local Spp of Cons Conc RedList_GB-CR	7	1km, 10km	1884	1964
<i>Scirpus sylvaticus</i>	Wood Club-rush	Local Spp of Cons Conc	3	1km, 10km	01/01/1964	1964
<i>Scleranthus annuus</i>	Annual Knawel	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc RedList_GB-EN	30	1km, 2km, 10km	1737	1987
<i>Scutellaria minor</i>	Lesser Skullcap	Local Spp of Cons Conc	9	1km, 2km, 10km	1753	1996
<i>Sedum telephium</i>	Orpine	Local Spp of Cons Conc	19	1km, 2km, 10km	01/01/1824	1965-1976
<i>Serratula tinctoria</i>	Saw-wort	Local Spp of Cons Conc	4	1km, 10km	01/01/1908	01/01/1964
<i>Silene gallica</i>	Small-flowered Catchfly	NERC Act Section 41 UKBAP RedList_GB-EN Nationally Scarce	2	10km	1900	01/01/1908
<i>Silene noctiflora</i>	Night-flowering Catchfly	RedList_GB-VU	3	10km	01/01/1866	01/01/1912
<i>Sium latifolium</i>	Greater Water-parsnip	NERC Act Section 41 UKBAP RedList_GB-EN Nationally Scarce	7	1km, 10km	1746	01/01/1964
<i>Spergula arvensis</i>	Corn Spurrey	RedList_GB-VU	15	1km, 2km, 10km	01/01/1867	1980
<i>Stachys arvensis</i>	Field Woundwort	RedList_GB-Lr(NT)	4	1km, 10km	1877	1965
<i>Stellaria neglecta</i>	Greater Chickweed	Local Spp of Cons Conc	7	1km, 2km, 10km	1946	1975

Taxon Name	Common Name	Designation	Total number of occurrences	Record accuracy	Date of oldest record	Date of most recent record
<i>Stellaria palustris</i>	Marsh Stitchwort	NERC Act Section 41 UKBAP RedList_GB-VU	8	1km, 2km, 10km	1839	1975
<i>Stratiotes aloides</i>	Water-soldier	RedList_GB-Lr(NT) Nationally Rare	2	10km	01/01/1940	1984
<i>Suaeda maritima</i>	Annual Sea-blite	Local Spp of Cons Conc	1	10km	1917	1917
<i>Succisa pratensis</i>	Devil's-bit Scabious	Local Spp of Cons Conc	3	1km, 10km	01/01/1964	1965
<i>Teesdalia nudicaulis</i>	Shepherd's Cress	RedList_GB-Lr(NT)	1	10km	1893	1893
<i>Thalictrum flavum</i>	Common Meadow-rue	Local Spp of Cons Conc	19	1km, 2km, 10km	1877	1992
<i>Thlaspi perfoliatum</i>	Perfoliate Penny-cress	W&CA Sch8 NERC Act Section 41 UKBAP RedList_GB-VU Nationally Rare	1	10km	1903	1903
<i>Torilis arvensis</i>	Spreading Hedge-parsley	NERC Act Section 41 UKBAP RedList_GB-EN Nationally Scarce	11	1km, 10km	01/01/1889	1986
<i>Triglochin palustre</i>	Marsh Arrowgrass	Local Spp of Cons Conc	8	1km, 10km	1737	1964
<i>Ulex minor</i>	Dwarf Gorse	Local Spp of Cons Conc	8	1km, 10km	01/01/1809	14/09/1991
<i>Vaccinium myrtillus</i>	Bilberry	Local Spp of Cons Conc	4	1km, 10km	01/01/1912	01/01/1964
<i>Valeriana dioica</i>	Marsh Valerian	Local Spp of Cons Conc	9	1km, 10km	01/01/1841	01/01/1964
<i>Valeriana officinalis</i>	Common Valerian	Local Spp of Cons Conc	4	1km, 10km	01/01/1964	01/01/1965
<i>Valerianella dentata</i>	Narrow-fruited Cornsalad	BAP Priority London Local Spp of Cons Conc RedList_GB-EN	5	1km, 10km	01/01/1910	01/01/1964
<i>Valerianella rimosa</i>	Broad-fruited Cornsalad	NERC Act Section 41 UKBAP RedList_GB-EN Nationally Scarce	7	1km, 10km	1885	01/01/1964
<i>Veronica scutellata</i>	Marsh Speedwell	Local Spp of Cons Conc	7	1km, 10km	1737	01/01/1964
<i>Vicia lutea</i>	Yellow-vetch	RedList_GB-Lr(NT) Nationally Scarce	2	10km	1912	1979
<i>Viola canina</i>	Heath Dog-violet	Local Spp of Cons Conc RedList_GB-Lr(NT)	3	1km, 10km	1753	1964
<i>Viola canina subsp. canina</i>	Heath Dog-Violet	Local Spp of Cons Conc RedList_GB-Lr(NT)	9	1km, 2km, 10km	1940	1965
<i>Viola tricolor</i>	Wild Pansy	RedList_GB-Lr(NT)	4	1km, 10km	01/01/1964	1964
<i>Viola tricolor subsp. tricolor</i>	Pansy	RedList_GB-Lr(NT)	3	1km, 10km	10/09/1910	1946
<i>Viscum album</i>	Mistletoe	BAP Priority London Local Spp of Cons Conc	14	1km, 10km	01/01/1865	08/01/2011
Invertebrates - Beetles						
<i>Byctiscus populi</i>	Poplar Leaf-rolling Weevil	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	1	10km	01/01/82-31/12/82	01/01/1982
Invertebrates - Butterflies						
<i>Argynnis paphia</i>	Silver-washed Fritillary	Local Spp of Cons Conc	2	1km	20/07/2016	27/06/2018

Taxon Name	Common Name	Designation	Total number of occurrences	Record accuracy	Date of oldest record	Date of most recent record
<i>Coenonympha pamphilus pamphilus</i>	Small Heath	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc RedList_GB-Lr(NT)	5	1km	1980-1986	01/01/1980
<i>Cupido minimus</i>	Small Blue	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc RedList_GB-Lr(NT)	1	1km	1980-1986	01/01/1980
<i>Lasiommata megera</i>	Wall	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc RedList_GB-Lr(NT)	5	1km	1980-1986	01/01/1980
<i>Limenitis camilla</i>	White Admiral	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc RedList_GB-VU	4	1km, 2km	1980-1986	27/06/2018
<i>Melanargia galathea</i>	Marbled White	Local Spp of Cons Conc	1	1km	20/07/2014	20/07/2014
<i>Melanargia galathea serena</i>	Marbled White	Local Spp of Cons Conc	5	1km	14/07/2015	27/06/2018
<i>Satyrrium w-album</i>	White-letter Hairstreak	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc RedList_GB-EN	4	1km	1980-1986	23/06/2018
Invertebrates - Moths						
<i>Acronicta psi</i>	Grey Dagger	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	1	1km	1940	01/01/1940
<i>Acronicta rumicis</i>	Knot Grass	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	5	1km, 10km	1940	29/07/2011
<i>Agrochola helvola</i>	Flounced Chestnut	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Agrochola litura</i>	Brown-spot Pinion	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Agrochola lychnidis</i>	Beaded Chestnut	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Allophyas oxyacanthae</i>	Green-brindled Crescent	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	2	10km	1940	01/01/1980

Taxon Name	Common Name	Designation	Total number of occurrences	Record accuracy	Date of oldest record	Date of most recent record
<i>Amphipoea oculatea</i>	Ear Moth	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Amphipyra tragopoginis</i>	Mouse Moth	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	2	10km	1940	01/01/1980
<i>Apamea anceps</i>	Large Nutmeg	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Apamea remissa</i>	Dusky Brocade	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Apamea sublustis</i>	Reddish Light Arches	Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Apoda limacodes</i>	Festoon	Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Aporophyla lutulenta</i>	Deep-brown Dart	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Arctia caja</i>	Garden Tiger	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	2	10km	1940	01/01/1980
<i>Asteroscopus sphinx</i>	Sprawler	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	6	1km, 10km	1930	04/11/2008
<i>Atethmia centrargo</i>	Centre-barred Sallow	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Brachylomia viminalis</i>	Minor Shoulder-knot	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Calamotropha paludella</i>	Bulrush Veneer	Nationally Notable B	1	10km	20/07/2010	20/07/2010
<i>Caradrina morpheus</i>	Mottled Rustic	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	12	1km, 10km	1940	29/07/2011
<i>Catarhoe cuculata</i>	Royal Mantle	Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Ceramica pisi</i>	Broom Moth	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Chesias legatella</i>	Streak	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	1	10km	1940	01/01/1940

Taxon Name	Common Name	Designation	Total number of occurrences	Record accuracy	Date of oldest record	Date of most recent record
<i>Chiasmia clathrata</i>	Latticed Heath	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	2	10km	1940	01/01/1980
<i>Cirrhia gilvago</i>	Dusky-lemon Sallow	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Cirrhia icteritia</i>	Sallow	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Cosmia diffinis</i>	White-spotted Pinion	NERC Act Section 41 UKBAP	1	10km	1940	01/01/1940
<i>Cossus cossus</i>	Goat Moth	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Cucullia absinthii</i>	Wormwood	Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Cymatophorina diluta</i>	Oak Lutestring	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Diarsia rubi</i>	Small Square-spot	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	11	1km, 10km	1940	27/05/2011
<i>Diloba caeruleocephala</i>	Figure of Eight	NERC Act Section 41 UKBAP BAP Priority London	1	10km	1940	01/01/1940
<i>Earias clorana</i>	Cream-bordered Green Pea	Local Spp of Cons Conc	2	10km	1940	07/06/2008
<i>Ecliptopera silaceata</i>	Small Phoenix	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	3	1km, 10km	1940	10/09/2010
<i>Eilema depressa</i>	Buff Footman	Local Spp of Cons Conc	5	1km, 10km	16/07/2010	29/07/2011
<i>Eilema griseola</i>	Dingy Footman	Local Spp of Cons Conc	16	1km	1980	29/07/2011
<i>Eilema griseola ab. stramineola</i>	A Moth	Local Spp of Cons Conc	1	1km	13/08/2010	13/08/2010
<i>Ennomos erosaria</i>	September Thorn	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	2	1km, 10km	1940	20/07/2010
<i>Ennomos fuscantaria</i>	Dusky Thorn	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Ennomos quercinaria</i>	August Thorn	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	3	1km, 10km	1940	03/08/2010
<i>Euclidia mi</i>	Mother Shipton	Local Spp of Cons Conc	2	10km	1940	01/01/1980

Taxon Name	Common Name	Designation	Total number of occurrences	Record accuracy	Date of oldest record	Date of most recent record
<i>Eulithis mellinata</i>	Spinach	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Euphyia biangulata</i>	Cloaked Carpet	Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Eupithecia plumbeolata</i>	Lead-coloured Pug	Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Eupithecia pygmaeata</i>	Marsh Pug	Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Eupithecia subumbrata</i>	Shaded Pug	Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Euxoa nigricans</i>	Garden Dart	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Euxoa tritici</i>	Dusky Dart	NERC Act Section 41 UKBAP	1	10km	1940	01/01/1940
<i>Gastropacha quercifolia</i>	Lappet	Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Graphiphora augur</i>	Double Dart	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Gripesia aprilina</i>	Merveille du Jour	Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Helotropha leucostigma</i>	Crescent	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Hemaris tityus</i>	Narrow-bordered Bee Hawk-moth	NERC Act Section 41 UKBAP	1	10km	1940	01/01/1940
<i>Hemistola chrysoprasaria</i>	Small Emerald	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	2	10km	1940	01/01/2008
<i>Hepialus humuli</i>	Ghost Moth	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	6	1km, 10km	1930	26/06/2010
<i>Hoplodrina blanda</i>	Rustic	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	7	1km, 10km	1940	29/07/2011
<i>Hydraecia micacea</i>	Rosy Rustic	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	2	10km	1940	01/01/1978
<i>Hydria undulata</i>	Scallop Shell	Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Hypena rostralis</i>	Buttoned Snout	Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Hypomecis roboraria</i>	Great Oak Beauty	Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Lampropteryx suffumata</i>	Water Carpet	Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Lenisa geminipuncta</i>	Twin-spotted Wainscot	Local Spp of Cons Conc	1	10km	07/08/2010	07/08/2010
<i>Leucania comma</i>	Shoulder-striped Wainscot	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	2	1km, 10km	1940	24/06/2010

Taxon Name	Common Name	Designation	Total number of occurrences	Record accuracy	Date of oldest record	Date of most recent record
<i>Litoligia literosa</i>	Rosy Minor	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Lycia hirtaria</i>	Brindled Beauty	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	2	10km	1940	01/01/2008
<i>Macaria wauaria</i>	V-Moth	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Malacosoma neustria</i>	Lackey	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Melanchra persicariae</i>	Dot Moth	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Melanthia procellata</i>	Pretty Chalk Carpet	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	2	10km	1940	01/01/1980
<i>Orthosia gracilis</i>	Powdered Quaker	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	3	1km, 10km	1940	17/04/2010
<i>Orthosia miniosa</i>	Blossom Underwing	Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Orthosia opima</i>	Northern Drab	Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Orthosia populeti</i>	Lead-coloured Drab	Local Spp of Cons Conc	3	1km, 10km	1940	26/03/2011
<i>Pachycnemia hippocastanaria</i>	Horse Chestnut	Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Parascotia fuliginaria</i>	Waved Black	Local Spp of Cons Conc	5	1km, 10km	1940	17/07/2010
<i>Pechipogo strigilata</i>	Common Fan-foot	NERC Act Section 41 UKBAP	1	10km	1940	01/01/1940
<i>Pelurga comitata</i>	Dark Spinach	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	2	10km	1940	01/01/1980
<i>Peridea anceps</i>	Great Prominent	Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Perizoma albulata</i>	Grass Rivulet	BAP Priority London Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Phytometra viridaria</i>	Small Purple-barred	Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Plagodis pulveraria</i>	Barred Umber	Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Polia bombycina</i>	Pale Shining Brown	NERC Act Section 41 UKBAP Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Rheumaptera hastata</i>	Argent & Sable	NERC Act Section 41 UKBAP	1	10km	1940	01/01/1940
<i>Rhizedra lutosa</i>	Large Wainscot	NERC Act Section 41 UKBAP	1	10km	1940	01/01/1940
<i>Scopula immutata</i>	Lesser Cream Wave	Local Spp of Cons Conc	1	10km	1940	01/01/1940

Taxon Name	Common Name	Designation	Total number of occurrences	Record accuracy	Date of oldest record	Date of most recent record
<i>Scotopteryx chenopodiata</i>	Shaded Broad-bar	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	6	1km, 10km	1940	29/07/2011
<i>Sesia bembeciformis</i>	Lunar Hornet Moth	Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Sphinx ligustri</i>	Privet Hawk-moth	Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Spilosoma lubricipeda</i>	White Ermine	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	11	1km, 10km	1940	01/07/2010
<i>Spilosoma lutea</i>	Buff Ermine	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	18	1km, 10km	1930	29/07/2011
<i>Synanthedon myopaeformis</i>	Red-belted Clearwing	Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Synanthedon tipuliformis</i>	Currant Clearwing	Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Tethea or</i>	Poplar Lutestring	Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Tholera cespitis</i>	Hedge Rustic	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Tholera decimalis</i>	Feathered Gothic	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	3	1km, 10km	1940	10/09/2010
<i>Thumatha senex</i>	Round-winged Muslin	Local Spp of Cons Conc	3	1km, 10km	1940	06/07/2010
<i>Timandra comae</i>	Blood-vein	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	2	10km	1940	01/01/1980
<i>Triphosa dubitata</i>	Tissue	Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Tyria jacobaeae</i>	Cinnabar	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	4	1km, 10km	1940	15/06/2010
<i>Tyta luctuosa</i>	Four-spotted	NERC Act Section 41 UKBAP Local Spp of Cons Conc	1	10km	1940	01/01/1940
<i>Watsonalla binaria</i>	Oak Hook-tip	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	5	1km, 10km	1940	09/09/2011
<i>Watsonalla cultraria</i>	Barred Hook-tip	Local Spp of Cons Conc	2	10km	1940	01/01/2008
<i>Xanthorhoe biriviata</i>	Balsam Carpet	BAP Priority London Local Spp of Cons Conc	2	10km	1940	29/07/2008
<i>Xanthorhoe ferrugata</i>	Dark-barred Twin-spot Carpet	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	2	10km	1940	01/01/1980
<i>Xestia castanea</i>	Neglected Rustic	NERC Act Section 41 UKBAP	1	10km	1940	01/01/1940
<i>Xestia ditrapezium</i>	Triple-spotted Clay	Local Spp of Cons Conc	1	10km	1940	01/01/1940

4.2 Confidential Records

Records included in this section do not include any geographic content as it has been requested (by the data owners/originators) that the location remains confidential. The following information is provided to create a 'species alert' record highlighting the presence of a species in the search area.

In order to establish the presence of confidential records on the site in question, a second data search request must be submitted with a detailed site boundary. For further explanations of GiGL's Access to Data Policy and the confidential records please see the "Supporting Information" annex. For further details of the information provided in the report please contact GiGL directly - enquiries@gigl.org.uk.

Taxon Name	Common Name	Designation	Total number of occurrences	Date of oldest record	Date of most recent record
Birds					
<i>Anas querquedula</i>	Garganey	W & CA Sch1 Part 1 Local Spp of Cons Conc	8	28/07/1980	08/04/2008
<i>Aythya ferina</i>	Pochard	Bird-Red	173	04/04/1980	24/07/2016
<i>Cettia cetti</i>	Cetti's Warbler	W & CA Sch1 Part 1 Local Spp of Cons Conc	243	25/05/1997	11/12/2016
<i>Charadrius dubius</i>	Little Ringed Plover	W & CA Sch1 Part 1 Local Spp of Cons Conc	275	03/05/1980	11/05/2007
<i>Circus aeruginosus</i>	Marsh Harrier	Birds Dir Anx 1 W & CA Sch1 Part 1	4	22/04/1995	22/04/1995
<i>Coccothraustes coccothraustes</i>	Hawfinch	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc Bird-Red	6	03/05/1982	07/01/1995
<i>Coturnix coturnix</i>	Quail	W & CA Sch1 Part 1	1	08/09/2002	08/09/2002
<i>Egretta garzetta</i>	Little Egret	Birds Dir Anx 1 Local Spp of Cons Conc	204	28/07/2001	04/05/2011

Taxon Name	Common Name	Designation	Total number of occurrences	Date of oldest record	Date of most recent record
<i>Emberiza calandra</i>	Corn Bunting	BAP Priority London Local Spp of Cons Conc Bird-Red	19	30/03/1980	01/01/1986
<i>Falco peregrinus</i>	Peregrine	Birds Dir Anx 1 W & CA Sch1 Part 1 BAP Priority London Local Spp of Cons Conc	8	03/05/2005	29/01/2006
<i>Falco subbuteo</i>	Hobby	W & CA Sch1 Part 1 Local Spp of Cons Conc	309	08/05/1980	01/05/2011
<i>Gallinago gallinago</i>	Snipe	Local Spp of Cons Conc	18	06/04/1980	02/04/1982
<i>Milvus milvus</i>	Red Kite	Birds Dir Anx 1 W & CA Sch1 Part 1	134	08/07/1998	02/05/2015
<i>Panurus biarmicus</i>	Bearded Tit	W & CA Sch1 Part 1 Local Spp of Cons Conc	3	08/11/1980	25/10/1983
<i>Phoenicurus ochrurus</i>	Black Redstart	W & CA Sch1 Part 1 BAP Priority London Bird-Red	1	13/04/1998	13/04/1998
<i>Podiceps nigricollis</i>	Black-necked Grebe	W & CA Sch1 Part 1 Local Spp of Cons Conc	5	04/04/1999	05/04/1999
<i>Poecile montana</i>	Willow Tit	Bird-Red	16	1980	01/01/1982
<i>Poecile palustris</i>	Marsh Tit	BAP Priority London Local Spp of Cons Conc Bird-Red	2	06/07/1980	06/07/1980
<i>Streptopelia turtur</i>	Turtle Dove	NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc Bird-Red	15	May 1980	26/04/1987
<i>Tyto alba</i>	Barn Owl	W & CA Sch1 Part 1 Local Spp of Cons Conc	6	24/05/2011	07/08/2015
Mammals - Terrestrial (excl. bats)					

Taxon Name	Common Name	Designation	Total number of occurrences	Date of oldest record	Date of most recent record
<i>Meles meles</i>	Eurasian Badger	Protection of Badgers Act 1992 Local Spp of Cons Conc	15	06/08/2004	13/09/2004
Mammals - Terrestrial (bats)					
<i>Chiroptera</i>	Bats	Hab&Spp Dir Anx 2 Hab&Spp Dir Anx 4 Cons Regs 2010 Sch2 W & CA Sch5 Sec 9.4b W & CA Sch5 Sec 9.4c NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	1	08/05/2010	08/05/2010
<i>Pipistrellus pipistrellus</i>	Common Pipistrelle	Hab&Spp Dir Anx 4 Cons Regs 2010 Sch2 W & CA Sch5 Sec 9.4b W & CA Sch5 Sec 9.4c BAP Priority London	2	14/07/2005	14/07/2005
<i>Vespertilionidae</i>	Bats	Hab&Spp Dir Anx 2 Hab&Spp Dir Anx 4 Cons Regs 2010 Sch2 W & CA Sch5 Sec 9.4b W & CA Sch5 Sec 9.4c NERC Act Section 41 UKBAP BAP Priority London Local Spp of Cons Conc	1	28/06/2000	28/06/2000

4.3 LISI Species

The London Invasive Species Initiative (LISI) encourages better co-ordination and partnership working to prevent, reduce and eliminate the impacts caused by invasive non-native species across the city.

The list presents a number of species present in London and causing impacts for which action, monitoring or research is needed. It also lists species not currently in London but of concern due to high risk of negative impact should they arrive, including those for which national alerts are in place through the GB Non-Native Species Secretariat. LISI species are categorised following their likely risk to the environment. For further explanations please see the Supporting Information annex.

LISI Category	Explanation
LISI 1	Species not currently present in London but present nearby or of concern because of the high risk of negative impacts should they arrive. Should any species listed in this category appear in London, this should be reported to GiGL or LISI to ensure that action is taken rapidly.
LISI 2	Species of high impact or concern present at specific sites that require attention (control, management, eradication etc). Such species are priority species for action in London and LISI encourages this wherever possible.
LISI 3	Species of high impact or concern which are widespread in London and require concerted, coordinated and extensive action to control/eradicate. These species are species currently causing large scale impacts across London and LISI supports area or catchment wide partnership working to ensure this.
LISI 4	Species which are widespread for which eradication is not feasible but where avoiding spread to other sites may be required. Appropriate biosecurity is required for sites where these species are found.
LISI 5	Species for which insufficient data or evidence was available from those present to be able to prioritise.
LISI 6	Species that were not currently considered to pose a threat or have the potential to cause problems in London.

For further advice on dealing with invasive species in London, or to report management work undertaken at a site please contact the LISI Manager at enquiries@londonisi.org.uk or visit <http://londonisi.org.uk/>

Taxon Name	Common Name	Designation	Total number of occurrences	Maximum occurrence	Location of nearest record	Date of nearest record	Location of most recent record	Date of most recent record	Date range
Birds									
<i>Psittacula krameri</i>	Ring-necked Parakeet	LISI category 4	484	40	TQ069915	17/11/2011	TQ050936	18/12/2016	18/09/94-18/12/16
Mammals - Terrestrial (excl. bats)									
<i>Muntiacus reevesi</i>	Chinese Muntjac	LISI category 4	7	P	TQ0440391742	06/08/2004	TQ07729143	29/09/2013	06/08/04-29/09/13
Higher Plants - Ferns									
<i>Azolla filiculoides</i>	Water Fern	LISI category 2	1	P	TQ076924	1991	TQ076924	1991	01/01/91-31/12/91
Higher Plants - Flowering Plants									
<i>Allium paradoxum</i>	Few-flowered Garlic	LISI category 2	2	P	TQ041909	1993	TQ041909	1993	01/01/93-31/12/93
<i>Buddleja davidii</i>	Butterfly-bush	LISI category 3	16	1	TQ0493692724	11/08/2004	TQ069898	08/01/2011	01/01/95-08/01/11
<i>Cotoneaster</i>	A Flowering Plant	LISI category 2	1	P	TQ0599589427	02/09/2004	TQ0599589427	02/09/2004	02/09/2004
<i>Cotoneaster bullatus</i>	Hollyberry Cotoneaster	LISI category 2	1	P	TQ043912	1994	TQ043912	1994	01/01/94-31/12/94
<i>Cotoneaster frigidus x salicifolius</i> = <i>C. x watereri</i>	Waterer's Cotoneaster	LISI category 2	1	P	TQ042913	1995	TQ042913	1995	01/01/95-31/12/95
<i>Cotoneaster horizontalis</i>	Wall Cotoneaster	LISI category 2	2	P	TQ042913	1995	TQ042913	1995	01/01/95-31/12/95
<i>Cotoneaster simonsii</i>	Himalayan Cotoneaster	LISI category 2	2	P	TQ042912	1995	TQ061916	1995	01/01/95-31/12/95
<i>Crassula helmsii</i>	New Zealand Pigmyweed	LISI category 3	8	P	TQ076924	1988	TQ0535090544	20/08/2012	01/01/79-20/08/12
<i>Crocsmia pottsii x aurea</i> = <i>C. x crocosmiiflora</i>	Montbretia	LISI category 2	2	P	TQ044929	1995	TQ050906	1995	01/01/95-31/12/95
<i>Elodea canadensis</i>	Canadian Waterweed	LISI category 4	1	P	TQ042922	12/09/1996	TQ042922	12/09/1996	12/09/1996
<i>Elodea nuttallii</i>	Nuttall's Waterweed	LISI category 4	2	P	TQ0410592958	30/07/2004	TQ0447193357	02/08/2004	30/07/04-02/08/04
<i>Fallopia japonica</i>	Japanese Knotweed	LISI category 3	14	P	TQ0493692724	11/08/2004	TQ06209074	01/05/2014	01/01/94-01/05/14
<i>Galega officinalis</i>	Goat's-rue	LISI category 4	12	P	TQ0493692724	11/08/2004	TQ0500289905	30/12/2004	01/01/92-30/12/04
<i>Galinsoga quadriradiata</i>	Shaggy Soldier	LISI category 3	1	P	TQ076926	1992	TQ076926	1992	01/01/92-31/12/92
<i>Heracleum mantegazzianum</i>	Giant Hogweed	LISI category 3	2	1	TQ048932	2006	TQ048932	2006	01/01/06-31/12/06
<i>Hyacinthoides hispanica</i>	Spanish Bluebell	LISI category 4	1	P	TQ0763792153	01/06/2004	TQ0763792153	01/06/2004	01/06/2004

Taxon Name	Common Name	Designation	Total number of occurrences	Maximum occurrence	Location of nearest record	Date of nearest record	Location of most recent record	Date of most recent record	Date range
<i>Hyacinthoides non-scripta</i> x <i>hispanica</i> = <i>H. x massartiana</i>	Bluebell	LISI category 4	1	P	TQ052897	26/04/2010	TQ052897	26/04/2010	26/04/2010
<i>Impatiens capensis</i>	Orange Balsam	LISI category 2	20	1	TQ0426691975	13/08/2004	TQ043929	08/06/2010	01/01/95-08/06/10
<i>Impatiens glandulifera</i>	Indian Balsam	LISI category 3	1	1	TQ041917	13/09/1996	TQ041917	13/09/1996	13/09/1996
<i>Impatiens parviflora</i>	Small Balsam	LISI category 2	3	P	TQ042906	1995	TQ0480291247	27/05/2004	01/01/95-27/05/04
<i>Lagarosiphon major</i>	Curly Waterweed	LISI category 3	2	P	TQ076924	1988	TQ076924	1997	01/01/88-31/12/97
<i>Lamium galeobdolon</i> subsp. <i>argentatum</i>	Yellow Archangel	LISI category 4	2	P	TQ043914	1995	TQ042914	1996	01/01/95-31/12/96
<i>Lemna minuta</i>	Least Duckweed	LISI category 4	1	P	TQ045935	1990	TQ045935	1990	01/01/90-31/12/90
<i>Pentaglottis sempervirens</i>	Green Alkanet	LISI category 6	2	P	TQ0449993175	04/08/2004	TQ061908	01/05/2014	04/08/04-01/05/14
<i>Prunus laurocerasus</i>	Cherry Laurel	LISI category 3	13	P	TQ0570691574	01/11/2004	TQ0484090779	24/11/2004	01/06/04-24/11/04
<i>Quercus cerris</i>	Turkey Oak	LISI category 5	2	P	TQ0537991168	01/01/2020	TQ0537991168	01/01/2020	01/01/2020
<i>Quercus ilex</i>	Evergreen Oak	LISI category 5	1	P	TQ044919	1995	TQ044919	1995	01/01/95-31/12/95
<i>Rhododendron ponticum</i>	A Flowering Plant	LISI category 2	7	P	TQ0610190438	14/09/2004	TQ0616990920	29/10/2004	19/08/96-29/10/04
<i>Robinia pseudoacacia</i>	False-acacia	LISI category 4	14	P	TQ0513290229	01/01/2020	TQ0537791031	01/01/2020	01/11/04-01/01/20
<i>Symphoricarpos albus</i>	Snowberry	LISI category 2	6	P	TQ042911	1995	TQ077924	30/10/2009	01/01/95-30/10/09
Invertebrates - Crustaceans									
<i>Hemimysis anomala</i>	A Crustacean	LISI category 2	2	P	TQ0434093000	29/11/2012	TQ0434093000	29/11/2012	29/11/2012
<i>Pacifastacus leniusculus</i>	Signal Crayfish	LISI category 4	1	5	TQ04269295	28/06/2011	TQ04269295	28/06/2011	28/06/2011

LISI species – Coarse Resolution Records

The species records in this table are represent records of 1km², 2km² or 10km² accuracy.

Taxon Name	Common Name	Designation	Total number of occurrences	Record accuracy	Date of oldest record	Date of most recent record
Birds						
<i>Psittacula krameri</i>	Ring-necked Parakeet	LISI category 4	2	1km	30/05/2014	25/10/2014
Higher Plants - Ferns						
<i>Azolla filiculoides</i>	Water Fern	LISI category 2	11	1km, 10km	01/01/1959	1999
Higher Plants - Flowering Plants						
<i>Ailanthus altissima</i>	Tree-of-heaven	LISI category 3	1	10km	01/01/1996	01/01/1996
<i>Allium paradoxum</i>	Few-flowered Garlic	LISI category 2	1	1km	2003	2003
<i>Allium triquetrum</i>	Three-cornered Garlic	LISI category 4	1	1km	01/05/2014	01/05/2014
<i>Ambrosia artemisiifolia</i>	Ragweed	LISI category 5	10	1km, 10km	01/01/1900	01/01/1980
<i>Buddleja davidii</i>	Butterfly-bush	LISI category 3	13	1km, 10km	01/01/1964	06/08/2011
<i>Claytonia sibirica</i>	Pink Purslane	LISI category 5	6	1km, 10km	01/01/1947	2001
<i>Cotoneaster bullatus</i>	Hollyberry Cotoneaster	LISI category 2	1	10km	01/01/1982	01/01/1982
<i>Cotoneaster franchetii</i>	Franchet's Cotoneaster	LISI category 2	1	1km	01/01/1982	01/01/1982
<i>Cotoneaster frigidus</i>	Tree Cotoneaster	LISI category 2	1	1km	01/01/1988	01/01/1988
<i>Cotoneaster horizontalis</i>	Wall Cotoneaster	LISI category 2	8	1km, 10km	01/01/1950	2001
<i>Cotoneaster simonsii</i>	Himalayan Cotoneaster	LISI category 2	1	10km	01/01/1964	01/01/1964
<i>Crassula helmsii</i>	New Zealand Pigmyweed	LISI category 3	4	1km, 2km	1979	01/01/1989
<i>Crocsmia pottsii</i> x <i>aurea</i> = <i>C. x crocosmiiflora</i>	Montbretia	LISI category 2	2	1km	1965-1976	1965-1976
<i>Elodea canadensis</i>	Canadian Waterweed	LISI category 4	4	1km, 10km	01/01/1964	1965-1976
<i>Elodea nuttallii</i>	Nuttall's Waterweed	LISI category 4	2	10km	01/01/1976	01/01/1977
<i>Fallopia japonica</i>	Japanese Knotweed	LISI category 3	7	1km, 10km	01/01/1964	06/08/2011
<i>Fallopia sachalinensis</i>	Giant Knotweed	LISI category 5	1	10km	24/05/2003	24/05/2003
<i>Galega officinalis</i>	Goat's-rue	LISI category 4	11	1km, 10km	01/01/1949	28/07/2011
<i>Galinsoga parviflora</i>	Gallant Soldier	LISI category 3	3	1km, 10km	01/01/1964	1996
<i>Galinsoga quadriradiata</i>	Shaggy Soldier	LISI category 3	3	1km, 10km	01/01/1948	1993
<i>Gunnera tinctoria</i>	Giant-rhubarb	LISI category 6	1	10km	08/05/2010	08/05/2010
<i>Heracleum mantegazzianum</i>	Giant Hogweed	LISI category 3	3	1km	01/01/1949	1965-1976
<i>Hyacinthoides hispanica</i>	Spanish Bluebell	LISI category 4	4	1km, 2km, 10km	01/01/1964	1992
<i>Hyacinthoides non-scripta</i> x <i>hispanica</i> = <i>H. x massartiana</i>	Bluebell	LISI category 4	2	1km, 10km	15/04/2011	01/05/2014
<i>Hydrocotyle ranunculoides</i>	Floating Pennywort	LISI category 3	1	1km	15/11/2010	15/11/2010
<i>Ilex aquifolium</i> x <i>perado</i> = <i>I. x altaclerensis</i>	Highclere Holly	LISI category 5	2	1km	08/01/2011	31/03/2011
<i>Impatiens capensis</i>	Orange Balsam	LISI category 2	20	1km, 10km	01/01/1866	06/08/2011
<i>Impatiens glandulifera</i>	Indian Balsam	LISI category 3	2	1km, 10km	1965-1976	08/05/2010
<i>Impatiens parviflora</i>	Small Balsam	LISI category 2	5	1km, 10km	1945	24/05/2003
<i>Lagarosiphon major</i>	Curly Waterweed	LISI category 3	1	10km	01/01/1974	01/01/1974
<i>Lamium galeobdolon</i> subsp. <i>argentatum</i>	Yellow Archangel	LISI category 4	3	1km, 10km	1994	15/04/2011
<i>Lemna minuta</i>	Least Duckweed	LISI category 4	6	1km, 10km	1990	25/04/2011
<i>Lysichiton americanus</i>	American Skunk-cabbage	LISI category 2	1	10km	1950	1950
<i>Passiflora caerulea</i>	Blue Passionflower	LISI category 6	1	10km	2003	2003
<i>Pentaglottis sempervirens</i>	Green Alkanet	LISI category 6	2	1km	01/01/1947	1965-1976
<i>Prunus laurocerasus</i>	Cherry Laurel	LISI category 3	6	1km, 10km	1989	15/04/2011
<i>Quercus cerris</i>	Turkey Oak	LISI category 5	10	1km, 10km	1927	08/06/2010
<i>Quercus ilex</i>	Evergreen Oak	LISI category 5	5	1km, 10km	01/01/1936	01/01/1995

Taxon Name	Common Name	Designation	Total number of occurrences	Record accuracy	Date of oldest record	Date of most recent record
<i>Rhododendron ponticum</i>	A Flowering Plant	LISI category 2	5	1km	01/01/1964	01/05/2014
<i>Robinia pseudoacacia</i>	False-acacia	LISI category 4	2	1km, 10km	01/01/1964	1965-1976
<i>Symphoricarpos albus</i>	Snowberry	LISI category 2	7	1km, 10km	01/01/1964	01/05/2014

5.0 Habitats

Habitats present within the search area from these sources can be seen on the following pages:

- Survey data
- BAP Condition Assessment and Habitat Suitability

The tables can be cross-referenced with the Survey Parcels Map.

Note that GiGL does not currently hold habitat data for all areas. Even where data is held, a lack of records in a defined geographical area does not necessarily mean that the habitat does not occur there – the area may simply not have been surveyed.

This section identifies and maps components of the local ecological networks and potential areas identified for habitat restoration or creation.

5.1 Survey Data

This table holds the most recent habitat survey information for a given site. It includes data collected via different survey methodologies. The GLA conducted a series of rolling habitat surveys between the mid-1980s and 2009. It used the habitat typologies developed specifically for Greater London – for further details of categories please refer to the Supporting Information section of the Annex. Other habitat classification methodologies recorded in the database are National Vegetation Classification, Phase 1 Habitat Assessment, and Biodiversity Action Plan Broad Habitat classification.

Site Name	Polygon ID	Grid Ref	Site Area (ha)	Survey Date	Habitat Type	Area (%)	Area (ha)	Survey Type
Watts Common Area, Horse pastures to east of footpath	GiGL_HAB_11578	(505137,192196)	12.28	11/08/2004	Improved or re-seeded agricultural grassland Neutral grassland (semi-improved) Native hedge	60 30 10	7.35 3.67 1.23	Lon(P1)
Watts Common Area, Cooks Wood	GiGL_HAB_11579	(505191,192588)	1.25	11/08/2004	Native broadleaved woodland	100	1.24	Lon(P1)
Watts Common Area, Fields adjacent to Hillingdon Borough boundary	GiGL_HAB_11580	(505303,192669)	2.09	11/08/2004	Arable Native broadleaved woodland Roughland (intimate mix of 9, 14 and 6) Scrub	60 25 10 5	1.25 0.52 0.21 0.1	Lon(P1)
Watts Common Area, Field Adjacent to Borough Boundary	GiGL_HAB_11581	(505454,192508)	2.45	12/08/2004	Arable	100	2.44	Lon(P1)
Watts Common Area, Linear Shaw	GiGL_HAB_11582	(505307,192546)	0.72	12/08/2004	Native broadleaved woodland Running water (rivers and streams)	90 10	0.65 0.07	Lon(P1)
Watts Common Area, Woodland - Round	GiGL_HAB_11583	(505540,192181)	0.29	12/08/2004	Native broadleaved woodland Scrub	70 30	0.2 0.09	Lon(P1)
Watts Common Area, Woodland - Rectangular	GiGL_HAB_11584	(505380,192072)	0.83	12/08/2004	Native broadleaved woodland	100	0.83	Lon(P1)
Watts Common Area, White Heath Farm Woods	GiGL_HAB_11585	(505455,191808)	1.63	30/10/2004	Native broadleaved woodland Standing water (includes canals)	92 8	1.5 0.13	Lon(P1)

Site Name	Polygon ID	Grid Ref	Site Area (ha)	Survey Date	Habitat Type	Area (%)	Area (ha)	Survey Type
Watts Common Area, Watts Common	GiGL_HAB_11586	(505390,191457)	3.23	12/08/2004	Native broadleaved woodland Roughland (intimate mix of 9, 14 and 6) Non- native broadleaved woodland Non-native hedge Native hedge Bare soil and rock	50 25 10 5 5 5	1.61 0.81 0.32 0.16 0.16 0.16	Lon(P1)
Watts Common Area, Field to South-West of Cooks Wood	GiGL_HAB_11587	(505238,192474)	5.29	11/08/2004	Arable	100	5.27	Lon(P1)
Watts Common Area, White Heath Farm Fields	GiGL_HAB_11588	(505393,191884)	46.10	12/08/2004	Arable Neutral grassland (semi-improved) Improved or re-seeded agricultural grassland Native broadleaved woodland Native hedge	40 25 20 10 5	18.38 11.49 9.19 4.6 2.3	Lon(P1)
Watts Common Area, Hedgerow adjacent to footpath	GiGL_HAB_11589	(505318,192301)	0.19	12/08/2004	Native hedge	100	0.19	Lon(P1)
Harefield Grove, Sensormatic HQ	GiGL_HAB_11590	(505706,191574)	7.17	01/11/2004	Amenity grassland Bare soil and rock Native broadleaved woodland Planted shrubbery Non- native broadleaved woodland	35 30 25 5 5	2.5 2.15 1.79 0.36 0.36	Lon(P1)
Harefield Grove, Northwest woodland	GiGL_HAB_11591	(505854,191877)	2.19	30/10/2004	Native broadleaved woodland Scrub Native hedge	80 10 10	1.75 0.22 0.22	Lon(P1)
Harefield Grove, North Paddock	GiGL_HAB_11592	(506098,191978)	8.78	01/11/2004	Improved or re-seeded agricultural grassland Native hedge Scattered trees Bare soil and rock	95 3 1 1	8.31 0.26 0.09 0.09	Lon(P1)
Harefield Grove, South Central Plantation	GiGL_HAB_11593	(506001,191362)	6.74	30/10/2004	Coniferous woodland Native broadleaved woodland	80 20	5.38 1.34	Lon(P1)

Site Name	Polygon ID	Grid Ref	Site Area (ha)	Survey Date	Habitat Type	Area (%)	Area (ha)	Survey Type
Harefield Grove, North-East Paddock	GiGL_HAB_11594	(506528,191631)	4.44	01/11/2004	Improved or re-seeded agricultural grassland Native broadleaved woodland Native hedge Bare soil and rock	90 5 3 2	3.99 0.22 0.13 0.09	Lon(P1)
Harefield Grove, Central pasture	GiGL_HAB_11595	(506169,191511)	5.44	30/10/2004	Neutral grassland (semi-improved) Native hedge	99 1	5.37 0.05	Lon(P1)
Harefield Grove, South-East Fields	GiGL_HAB_11596	(505830,191280)	20.25	01/11/2004	Improved or re-seeded agricultural grassland Native hedge Neutral grassland (semi-improved)	95 3 2	19.18 0.61 0.4	Lon(P1)
Harefield Grove, Field at Harefield Grove Farm Entrance	GiGL_HAB_11597	(505617,191284)	7.90	16/09/2004	Improved or re-seeded agricultural grassland Scattered trees	98 2	7.71 0.16	Lon(P1)
Harefield Grove, Square pond to north east.	GiGL_HAB_11598	(506516,191591)	0.57	30/10/2004	Standing water (includes canals) Scattered trees	70 30	0.4 0.17	Lon(P1)
Harefield Grove, North central paddock	GiGL_HAB_11599	(505951,191782)	5.42	30/10/2004	Neutral grassland (semi-improved) Scattered trees	95 5	5.13 0.27	Lon(P1)
Harefield Grove, North-west Spinney	GiGL_HAB_11600	(505682,192002)	1.49	01/11/2004	Native broadleaved woodland Scrub Non- native broadleaved woodland	60 20 20	0.89 0.3 0.3	Lon(P1)
Harefield Grove, North- West Paddock	GiGL_HAB_11601	(505716,191920)	3.85	01/11/2004	Improved or re-seeded agricultural grassland Scrub Ditches (water filled)	97 2 1	3.72 0.08 0.04	Lon(P1)
Harefield Grove, Mixed Plantation	GiGL_HAB_11602	(506140,191701)	7.57	30/10/2004	Scattered trees	100	7.54	Lon(P1)
Grand Union Canal West of Harefield, Fields adjacent to Grand Union Canal	GiGL_HAB_11625	(504604,189978)	2.73	17/08/2004	Neutral grassland (semi-improved) Scattered trees	85 15	2.32 0.41	Lon(P1)

Site Name	Polygon ID	Grid Ref	Site Area (ha)	Survey Date	Habitat Type	Area (%)	Area (ha)	Survey Type
Grand Union Canal West of Harefield, Woodland to west of Lovett Wood, Harefield	GiGL_HAB_11626	(505002,189905)	3.92	30/12/2004	Native broadleaved woodland Native broadleaved woodland Habitat information not available Neutral grassland (semi-improved) Scrub Neutral grassland (semi-improved) Non- native broadleaved woodland Bare soil and rock	70 40 35 25 20 5 4 1	2.73 1.56 1.37 0.98 0.78 0.2 0.16 0.04	Lon(P1)
Grand Union Canal West of Harefield, Large field adjacent to east of Grand Union Canal	GiGL_HAB_11627	(504782,190022)	18.01	16/09/2004	Improved or re-seeded agricultural grassland	100	17.95	Lon(P1)
Grand Union Canal West of Harefield, South Scrub	GiGL_HAB_11628	(504832,189562)	2.03	14/03/2005	Scrub Native broadleaved woodland Neutral grassland (semi-improved)	50 30 20	1.01 0.61 0.4	Lon(P1)
Grand Union Canal West of Harefield, Grand Union Canal - South from Black Jack's Lock to disused bridge.	GiGL_HAB_11629	(504652,189842)	2.49	17/08/2004	Standing water (includes canals) Bare soil and rock Wet marginal vegetation Neutral grassland (semi-improved)	80 10 5 5	1.99 0.25 0.12 0.12	Lon(P1)
Grand Union Canal West of Harefield, Wood south of Dovedale Close Allotments	GiGL_HAB_11630	(504885,190110)	2.30	16/09/2004	Scrub Bare soil and rock	90 10	2.06 0.23	Lon(P1)
Grand Union Canal West of Harefield, Fields to west of Merle Avenue	GiGL_HAB_11631	(504693,190407)	4.61	16/09/2004	Neutral grassland (semi-improved)	100	4.59	Lon(P1)
Grand Union Canal West of Harefield, Field adjacent to Merle Avenue, Harefield	GiGL_HAB_11632	(504850,190433)	1.05	16/09/2004	Improved or re-seeded agricultural grassland	100	1.05	Lon(P1)
Grand Union Canal West of Harefield, Fields to west of Dovedale Close Allotments	GiGL_HAB_11633	(504792,190244)	3.72	16/09/2004	Neutral grassland (semi-improved) Native hedge	90 10	3.34 0.37	Lon(P1)
Colne Valley Park and associated land, NW and W riparian margins of Broadwater Lake	GiGL_HAB_11647	(504040,189649)	4.96	17/08/2004	Running water (rivers and streams) tall herbs Scattered trees Wet marginal vegetation	40 35 20 5	1.98 1.73 0.99 0.25	Lon(P1)

Site Name	Polygon ID	Grid Ref	Site Area (ha)	Survey Date	Habitat Type	Area (%)	Area (ha)	Survey Type
Colne Valley Park and associated land, Broadwater Lake	GiGL_HAB_11650	(504393,189615)	65.82	13/08/2004	Running water (rivers and streams) Scrub Scattered trees Native broadleaved woodland Typha etc. swamp Bare soil and rock	80 5 5 5 3 2	52.5 3.28 3.28 3.28 1.97 1.31	Lon(P1)
Colne Valley Park and associated land, NE and E Riparian Margins of Broadwater Lake	GiGL_HAB_11651	(504729,189670)	10.48	17/08/2004	Native broadleaved woodland Roughland (intimate mix of 9, 14 and 6) Non- native broadleaved woodland Bare soil and rock	60 15 15 10	6.26 1.57 1.57 1.04	Lon(P1)
Mount Pleasant, Land east of Coppermill Down	GiGL_HAB_11652	(504538,190655)	7.74	16/09/2004	Neutral grassland (semi-improved) Scattered trees Native hedge	96 2 2	7.41 0.15 0.15	Lon(P1)
Mount Pleasant, Wood adjacent to Jacks Lane	GiGL_HAB_11653	(504553,190474)	0.83	16/09/2004	Native broadleaved woodland	100	0.83	Lon(P1)
Mount Pleasant, Black Jack's Cottage and Jack's Lock	GiGL_HAB_11654	(504254,190437)	3.62	08/09/2004	Standing water (includes canals) Scattered trees Improved or re-seeded agricultural grassland Bare artificial habitat Neutral grassland (semi-improved) Native hedge	25 20 20 20 10 5	0.9 0.72 0.72 0.72 0.36 0.18	Lon(P1)
Mount Pleasant, Coppermill Down SNCI/SSSI	GiGL_HAB_11655	(504283,190681)	6.47	16/09/2004	Neutral grassland (herb-rich) Native hedge Scrub Non- native broadleaved woodland Native broadleaved woodland	84 10 2 2 2	5.42 0.65 0.13 0.13 0.13	Lon(P1)
Mount Pleasant, Field South of Coppermill Down SSSI	GiGL_HAB_11656	(504439,190403)	3.01	16/09/2004	Neutral grassland (semi-improved)	100	3.00	Lon(P1)

Site Name	Polygon ID	Grid Ref	Site Area (ha)	Survey Date	Habitat Type	Area (%)	Area (ha)	Survey Type
Mount Pleasant Farm, Central fields and orchard	GiGL_HAB_11657	(504741,190852)	1.91	15/09/2004	Neutral grassland (semi-improved) Orchard Bare soil and rock tall herbs Bare artificial habitat	70 10 10 5 5	1.33 0.19 0.19 0.1 0.1	Lon(P1)
Mount Pleasant Farm, Fields along western boundary	GiGL_HAB_11658	(504613,190924)	3.67	15/09/2004	Neutral grassland (semi-improved)	100	3.66	Lon(P1)
Mount Pleasant Farm, Northernmost field adjacent to Old Park Wood	GiGL_HAB_11659	(504890,191035)	7.31	15/09/2004	Improved or re-seeded agricultural grassland	100	7.29	Lon(P1)
Mount Pleasant Farm, Pond	GiGL_HAB_11660	(504890,191053)	0.11	15/09/2004	Standing water (includes canals)	100	0.11	Lon(P1)
Grand Union Canal south of Springwell lake, Grand Union Canal south of Springwell Lake and Coppermill Lane	GiGL_HAB_11705	(504161,191728)	2.67	30/10/2004	Standing water (includes canals) Bare artificial habitat Scattered trees	50 30 20	1.34 0.8 0.53	Lon(P1)
Hill End Road - western edge, Pond	GiGL_HAB_11770	(504996,191575)	0.19	16/09/2004	Scattered trees tall herbs Standing water (includes canals)	65 20 15	0.12 0.04 0.03	Lon(P1)
Hill End Road - western edge, Wooded road edge	GiGL_HAB_11771	(505249,191055)	2.22	16/09/2004	Native broadleaved woodland	100	2.22	Lon(P1)
Hill End Road - western edge, Nursing Centre, Hill End Road, Harefield	GiGL_HAB_11772	(504960,191526)	2.43	16/09/2004	Bare artificial habitat Amenity grassland Scattered trees	70 25 5	1.7 0.61 0.12	Lon(P1)
Hill End Road - western edge, Children's play area	GiGL_HAB_11773	(504973,191628)	0.16	16/09/2004	Amenity grassland Bare artificial habitat Native hedge	50 30 20	0.08 0.05 0.03	Lon(P1)
Old Park Wood., North of Hillingdon Trail / Barrington Avenue.	GiGL_HAB_11774	(504574,191555)	4.88	26/05/2004	Native broadleaved woodland Bare artificial habitat	98 2	4.77 0.1	Lon(P1)
Old Park Wood., Old Park Wood - wood.	GiGL_HAB_11775	(504455,191289)	5.00	26/05/2004	Native broadleaved woodland Non- native broadleaved woodland Bare soil and rock	87 10 3	4.33 0.5 0.15	Lon(P1)
Old Park Wood., Nature Reserve on S side of Hillingdon Trail.	GiGL_HAB_11776	(504802,191247)	7.79	27/05/2004	Native broadleaved woodland Bare soil and rock Running water (rivers and streams) Recently felled woodland	86 7 4 3	6.67 0.54 0.31 0.23	Lon(P1)

Site Name	Polygon ID	Grid Ref	Site Area (ha)	Survey Date	Habitat Type	Area (%)	Area (ha)	Survey Type
Old Park Wood., Woodland on S fringe of wood.	GiGL_HAB_11777	(504283,191222)	6.09	27/05/2004	Native broadleaved woodland Bare soil and rock	95 5	5.77 0.3	Lon(P1)
Summerhouse Lane Chalk Pit, Amenity grassland to the south	GiGL_HAB_11778	(504332,191490)	1.04	30/10/2004	Amenity grassland	100	1.04	Lon(P1)
Summerhouse Lane Chalk Pit, Woodland at top of chalk cliffs.	GiGL_HAB_11779	(504403,191742)	3.14	30/10/2004	Native broadleaved woodland Amenity grassland Scattered trees Basic grassland Bare soil and rock Bare artificial habitat	95 85 5 5 5 5	2.97 2.66 0.16 0.16 0.16 0.16	Lon(P1)
Summerhouse Lane Chalk Pit, Summerhouse Lane Chalk Pit - pit	GiGL_HAB_11780	(504371,191633)	5.82	13/08/2004	tall herbs Neutral grassland (herb-rich) Native broadleaved woodland Basic grassland Bare soil and rock Non- native broadleaved woodland Bare artificial habitat	30 25 15 10 10 5 5	1.74 1.45 0.87 0.58 0.58 0.29 0.29	Lon(P1)
Springwell Lane Chalk Pit, Horse pasture	GiGL_HAB_11781	(504924,192348)	2.62	11/08/2004	Improved or re-seeded agricultural grassland Native hedge	95 5	2.48 0.13	Lon(P1)
Springwell Lane Chalk Pit, Former land-fill site (western section)	GiGL_HAB_11782	(504661,192606)	8.73	11/08/2004	Roughland (intimate mix of 9, 14 and 6) Native hedge Bare artificial habitat	90 5 5	7.84 0.44 0.44	Lon(P1)
Springwell Lane Chalk Pit, Former land-fill site (eastern section)	GiGL_HAB_11783	(504936,192724)	18.01	11/08/2004	Roughland (intimate mix of 9, 14 and 6)	100	17.96	Lon(P1)
Springwell Lane Chalk Pit, Car dismantling yard	GiGL_HAB_11784	(504341,192825)	1.61	11/08/2004	Bare artificial habitat Scrub Bare soil and rock	80 10 10	1.29 0.16 0.16	Lon(P1)

Site Name	Polygon ID	Grid Ref	Site Area (ha)	Survey Date	Habitat Type	Area (%)	Area (ha)	Survey Type
Springwell Lane Chalk Pit	GiGL_HAB_11785	(504533,192951)	11.53	11/08/2004	Scrub	20	2.3	Lon(P1)
					Ruderal or ephemeral	20	2.3	
					Bare soil and rock	20	2.3	
					Basic grassland	15	1.72	
					Scattered trees	10	1.15	
					Non- native broadleaved woodland	10	1.15	
					Bare artificial habitat	5	0.57	
Springwell Lane Chalk Pit, Airfield	GiGL_HAB_11786	(504695,192878)	3.61	11/08/2004	Amenity grassland	70	2.52	Lon(P1)
					tall herbs	30	1.08	
Springwell Farm Area, Springwell Pit Wood	GiGL_HAB_11787	(504447,192352)	1.60	06/08/2004	Native broadleaved woodland	90	0	Lon(P1)
					Neutral grassland (herb-rich)	10	0	
Springwell Farm Area, Horse pastures around Springwell Pit Wood and footpath	GiGL_HAB_11788	(504353,192518)	6.12	05/08/2004	Improved or re-seeded agricultural grassland	90	5.49	Lon(P1)
					Bare soil and rock	7	0.43	
					tall herbs	3	0.18	
Springwell Farm Area, Pasture surrounding wood	GiGL_HAB_11789	(504404,192223)	3.22	06/08/2004	Improved or re-seeded agricultural grassland	100	3.21	Lon(P1)
Springwell Farm Area, Hedgerow and small copse	GiGL_HAB_11790	(504338,192132)	0.29	13/08/2004	Native broadleaved woodland	50	0.14	Lon(P1)
					Native hedge	40	0.12	
					Bare soil and rock	10	0.03	
Springwell Farm Area, Horse pasture	GiGL_HAB_11791	(504293,192195)	1.26	13/08/2004	Improved or re-seeded agricultural grassland	100	1.26	Lon(P1)
Springwell Farm Area, Environmental Field	GiGL_HAB_11792	(504266,191975)	1.58	13/08/2004	Basic grassland	55	0.86	Lon(P1)
					Scrub	15	0.24	
					Native hedge	10	0.16	
					Native broadleaved woodland	7	0.11	
					Wet marginal vegetation	5	0.08	
					Standing water (includes canals)	5	0.08	
					Bare soil and rock	3	0.05	
Springwell Lake Area, Springwell Farm - former watercress beds	GiGL_HAB_11793	(504247,192532)	0.89	13/08/2004	Typha etc. swamp	80	0.71	Lon(P1)
					Native hedge	10	0.09	
					Fen carr (woodland or scrub over fen)	10	0.09	

Site Name	Polygon ID	Grid Ref	Site Area (ha)	Survey Date	Habitat Type	Area (%)	Area (ha)	Survey Type
Springwell Lake Area, Reedbed to South of lake	GiGL_HAB_11794	(504099,192441)	4.54	04/08/2004	Reedswamp Scattered trees Ruderal or ephemeral	80 15 5	3.62 0.68 0.23	Lon(P1)
Springwell Lake Area, Land North of works	GiGL_HAB_11795	(504177,192711)	1.58	04/08/2004	Neutral grassland (semi-improved) Bare artificial habitat Scattered trees Native hedge	75 15 5 5	1.19 0.24 0.08 0.08	Lon(P1)
Springwell Lake Area, Springwell Lake	GiGL_HAB_11796	(504105,192958)	13.56	30/07/2004	Standing water (includes canals) Scattered trees tall herbs Typha etc. swamp Scrub Reedswamp Bare soil and rock Amenity grassland	63 10 5 5 5 5 5 2	8.52 1.35 0.68 0.68 0.68 0.68 0.68 0.27	Lon(P1)
Springwell Lake Area, Grand Union Canal East of Springwell Lake	GiGL_HAB_11797	(504224,192759)	2.58	04/08/2004	Standing water (includes canals) tall herbs Wet marginal vegetation Neutral grassland (semi-improved) Scattered trees Native hedge Bare soil and rock	40 15 10 10 10 10 5	1.03 0.39 0.26 0.26 0.26 0.26 0.13	Lon(P1)
Springwell Lake Area, Old watercress beds	GiGL_HAB_11798	(504254,193036)	1.36	02/08/2004	Ruderal or ephemeral Bare soil and rock Wet marginal vegetation Non-native hedge Ditches (water filled)	50 20 10 10 10	0.68 0.27 0.14 0.14 0.14	Lon(P1)
Springwell Lake Area, River Colne - Grand Union Canal to Springwell Lane	GiGL_HAB_11801	(504298,192993)	0.67	02/08/2004	Running water (rivers and streams) Wet marginal vegetation Typha etc. swamp Scattered trees tall herbs	45 15 15 15 10	0.3 0.1 0.1 0.1 0.07	Lon(P1)

Site Name	Polygon ID	Grid Ref	Site Area (ha)	Survey Date	Habitat Type	Area (%)	Area (ha)	Survey Type
Inns Lake Area, Stockers Lake, nr Rickmansworth	GiGL_HAB_11802	(504471,193357)	6.36	02/08/2004	Standing water (includes canals) Scattered trees Wet marginal vegetation tall herbs Typha etc. swamp Reedswamp Fen carr (woodland or scrub over fen)	60 15 5 5 5 5 5	3.81 0.95 0.32 0.32 0.32 0.32 0.32	Lon(P1)
Inns Lake Area, Inns Lake	GiGL_HAB_11803	(504205,193383)	6.66	30/07/2004	Standing water (includes canals) Scattered trees tall herbs Wet marginal vegetation	65 20 10 5	4.32 1.33 0.66 0.33	Lon(P1)
Inns Lake Area, R.Colne - Springwell Lane to Hillingdon Boundary	GiGL_HAB_11804	(504316,193317)	1.12	30/07/2004	Running water (rivers and streams) Wet marginal vegetation Typha etc. swamp Scattered trees Bare soil and rock Bare artificial habitat	43 20 15 15 5 2	0.48 0.22 0.17 0.17 0.06 0.02	Lon(P1)
Inns Lake Area, Woodland SW of Stockers Lake	GiGL_HAB_11805	(504499,193175)	2.81	04/08/2004	Neutral grassland (semi-improved) Native broadleaved woodland Non- native broadleaved woodland Bare artificial habitat	35 30 20 15	0.98 0.84 0.56 0.42	Lon(P1)
Esporta Health and Fitness Club, French Grove	GiGL_HAB_11821	(507238,191547)	7.88	20/10/2004	Native broadleaved woodland Non- native broadleaved woodland Scrub Scattered trees Bracken Running water (rivers and streams)	72 10 5 5 5 3	5.66 0.79 0.39 0.39 0.39 0.24	Lon(P1)
Esporta Health and Fitness Club, Fiels south east of French Grove	GiGL_HAB_11822	(507448,191416)	6.94	07/09/2004	Neutral grassland (semi-improved) Improved or re-seeded agricultural grassland Native hedge	57 35 8	3.94 2.42 0.55	Lon(P1)
Esporta Health and Fitness Club, Woodland adjacent to Jackets Lane	GiGL_HAB_11823	(507661,191189)	1.35	07/09/2004	Native broadleaved woodland	100	1.35	Lon(P1)

Site Name	Polygon ID	Grid Ref	Site Area (ha)	Survey Date	Habitat Type	Area (%)	Area (ha)	Survey Type
Esporta Health and Fitness Club, Fields south of Riverside Club	GiGL_HAB_11824	(507874,191280)	12.43	07/09/2004	Improved or re-seeded agricultural grassland Scattered trees Native broadleaved woodland Native hedge Bare artificial habitat	80 5 5 5 5	9.91 0.62 0.62 0.62 0.62	Lon(P1)
Kewferry Rough, Bishops Wood pasture	GiGL_HAB_11829	(507763,192225)	2.86	26/07/2004	Neutral grassland (semi-improved) Native hedge Scattered trees Bare artificial habitat Non-native hedge	77 10 5 5 3	2.19 0.28 0.14 0.14 0.09	Lon(P1)
Kewferry Rough, Bishops Wood	GiGL_HAB_11830	(507637,192153)	1.52	01/06/2004	Native broadleaved woodland Scrub tall herbs	70 20 10	1.06 0.3 0.15	Lon(P1)
Mt Vernon Meadow, North-east meadow	GiGL_HAB_11952	(507945,191812)	1.75	01/11/2004	Roughland (intimate mix of 9, 14 and 6) Scattered trees	90 10	1.57 0.18	Lon(P1)
Mt Vernon Meadow, Grazing Paddock	GiGL_HAB_11953	(507699,191582)	15.76	29/10/2004	Neutral grassland (semi-improved) Ruderal or ephemeral Scrub Scattered trees Bare soil and rock	70 15 5 5 5	11 2.36 0.79 0.79 0.79	Lon(P1)
Arihanta, Copse	GiGL_HAB_11954	(506433,191476)	0.45	01/11/2004	Native broadleaved woodland Scrub Non- native broadleaved woodland	80 10 10	0.36 0.05 0.05	Lon(P1)
Hayes Cricket Club	GiGL_HAB_11955	(505363,190402)	1.63	28/10/2004	Amenity grassland Scattered trees Bare artificial habitat Roughland (intimate mix of 9, 14 and 6)	75 10 10 5	1.22 0.16 0.16 0.08	Lon(P1)
Rickmansworth Road Grazing Fields	GiGL_HAB_11957	(505594,191052)	4.56	28/10/2004	Neutral grassland (semi-improved) Scattered trees	90 10	4.09 0.46	Lon(P1)

Site Name	Polygon ID	Grid Ref	Site Area (ha)	Survey Date	Habitat Type	Area (%)	Area (ha)	Survey Type
Northwood Way Open Space	GiGL_HAB_11958	(505747,190742)	0.81	28/10/2004	Amenity grassland Scattered trees Native hedge	90 5 5	0.73 0.04 0.04	Lon(P1)
Farmland around Bayhurst Wood NNR., The Dairy Farm, Harefield. NW paddocks.	GiGL_HAB_12117	(505425,190253)	4.62	28/10/2004	Neutral grassland (herb-rich) Native hedge tall herbs Scattered trees Scrub Bare artificial habitat	83 8 3 3 2 1	3.83 0.37 0.14 0.14 0.09 0.05	Lon(P1)
Farmland around Bayhurst Wood NNR., Fields associated with The Dairy Farm.	GiGL_HAB_12118	(505488,190206)	1.31	15/09/2004	Neutral grassland (herb-rich) Native hedge	90 10	1.18 0.13	Lon(P1)
Farmland around Bayhurst Wood NNR., Land to west of Langley Farm.	GiGL_HAB_12119	(505229,190077)	2.16	15/09/2004	Neutral grassland (semi-improved) Native hedge	90 10	1.94 0.22	Lon(P1)
Farmland around Bayhurst Wood NNR., Fields to west of Langley Farm.	GiGL_HAB_12120	(505537,190072)	14.26	15/09/2004	Arable Neutral grassland (semi-improved) Improved or re-seeded agricultural grassland Scrub Native hedge Bare soil and rock Wet marginal vegetation	40 30 15 5 5 3 2	5.69 4.27 2.13 0.71 0.71 0.43 0.28	Lon(P1)
Farmland around Bayhurst Wood NNR., Field S & W of Langley Farm, N & E of Harefield Church.	GiGL_HAB_12121	(505629,189825)	2.90	02/09/2004	Neutral grassland (semi-improved) Native hedge	90 10	2.6 0.29	Lon(P1)
Farmland around Bayhurst Wood NNR., Land adjacent to Church Hill, S Harefield.	GiGL_HAB_12122	(505270,189482)	5.36	18/08/2004	Neutral grassland (semi-improved) Scattered trees Scrub Native broadleaved woodland Other Bare soil and rock	80 7 5 5 2 1	4.27 0.37 0.27 0.27 0.11 0.05	Lon(P1)

Site Name	Polygon ID	Grid Ref	Site Area (ha)	Survey Date	Habitat Type	Area (%)	Area (ha)	Survey Type
Farmland around Bayhurst Wood NNR., Triangular field to W of Breakspear House	GiGL_HAB_12123	(505869,189707)	2.14	02/09/2004	Improved or re-seeded agricultural grassland tall herbs Scattered trees	80 10 10	1.71 0.21 0.21	Lon(P1)
Farmland around Bayhurst Wood NNR., Land to S+E of Harefield Parish Church.	GiGL_HAB_12124	(505576,189392)	26.64	02/09/2004	Improved or re-seeded agricultural grassland Neutral grassland (semi-improved) Native hedge Native broadleaved woodland Non- native broadleaved woodland Ditches (water filled)	74 15 5 3 2 1	19.65 3.98 1.33 0.8 0.53 0.27	Lon(P1)
Farmland around Bayhurst Wood NNR., Wood to S of Breakspear House, Harefield.	GiGL_HAB_12125	(505995,189427)	5.44	02/09/2004	Non- native broadleaved woodland Native broadleaved woodland	50 50	2.71 2.71	Lon(P1)
Farmland around Bayhurst Wood NNR., Farmland N of Hillingdon Trail.	GiGL_HAB_12126	(506156,189488)	4.29	02/09/2004	Improved or re-seeded agricultural grassland tall herbs	60 40	2.57 1.71	Lon(P1)
Farmland around Bayhurst Wood NNR., Land to NW of Tarleton Pond.	GiGL_HAB_12127	(506352,189503)	11.85	02/09/2004	Improved or re-seeded agricultural grassland	100	11.82	Lon(P1)
Farmland around Bayhurst Wood NNR., Farmland W of Bayhurst Wood NNR	GiGL_HAB_12128	(506073,188716)	98.08	02/09/2004	Neutral grassland (semi-improved) Improved or re-seeded agricultural grassland Arable Native hedge	50 35 10 5	48.89 34.22 9.78 4.89	Lon(P1)
Farmland around Bayhurst Wood NNR., Field between Breakspear House and Langley Farm.	GiGL_HAB_12132	(505803,189852)	2.08	02/09/2004	Improved or re-seeded agricultural grassland tall herbs Native hedge	70 25 5	1.45 0.52 0.1	Lon(P1)
Farmland around Bayhurst Wood NNR., Shaw to NE of Park Lodge Farm Centre.	GiGL_HAB_12135	(505888,189304)	0.35	02/09/2004	Native broadleaved woodland	100	0.35	Lon(P1)
Farmland around Bayhurst Wood NNR., St Mary's Copse	GiGL_HAB_12137	(505228,189732)	1.18	18/08/2004	Native broadleaved woodland Non- native broadleaved woodland Neutral grassland (semi-improved)	70 20 10	0.83 0.24 0.12	Lon(P1)

Site Name	Polygon ID	Grid Ref	Site Area (ha)	Survey Date	Habitat Type	Area (%)	Area (ha)	Survey Type
Harefield Parish Church, Churchyard/Cemetery	GiGL_HAB_12143	(505375,189551)	1.73	18/08/2004	Neutral grassland (semi-improved) Non- native broadleaved woodland Scattered trees Bare artificial habitat tall herbs	45 30 10 10 5	0.77 0.52 0.17 0.17 0.09	Lon(P1)
Harefield Parish Church, Woodland to the east of Harefield Parish Church	GiGL_HAB_12144	(505547,189629)	2.08	18/08/2004	Non- native broadleaved woodland Native broadleaved woodland	50 50	1.03 1.03	Lon(P1)
Harefield Parish Church, Pond in woodland, south of footpath	GiGL_HAB_12145	(505604,189672)	0.14	18/08/2004	Bare soil and rock Scattered trees Wet marginal vegetation	70 20 10	0.1 0.03 0.01	Lon(P1)
Harefield Parish Church, Eastern pond in woodland, north of footpath	GiGL_HAB_12146	(505543,189670)	0.16	18/08/2004	Standing water (includes canals) Bare soil and rock Wet marginal vegetation	65 25 10	0.1 0.04 0.02	Lon(P1)
Harefield Parish Church, Western pond in woodland, north of footpath	GiGL_HAB_12147	(505468,189625)	0.08	18/08/2004	Standing water (includes canals) Bare soil and rock	50 50	0.04 0.04	Lon(P1)
Farmland to the east and south of Springwell Pit Wood, Pastures	GiGL_HAB_12150	(504572,192270)	13.06	06/08/2004	Improved or re-seeded agricultural grassland Native hedge	98 2	12.76 0.26	Lon(P1)
Farmland to the east and south of Springwell Pit Wood, Hay grassland	GiGL_HAB_12151	(504507,191784)	3.33	06/08/2004	Improved or re-seeded agricultural grassland	100	3.32	Lon(P1)
Maracus Cottage Area	GiGL_HAB_12152	(504778,191873)	12.87	13/08/2004	Improved or re-seeded agricultural grassland Neutral grassland (semi-improved) Native hedge Planted shrubbery	60 25 10 5	7.7 3.21 1.28 0.64	Lon(P1)
Harefield Green, The Pond Harefield Green	GiGL_HAB_12153	(505350,190544)	0.17	12/08/2004	Standing water (includes canals) Typha etc. swamp Wet marginal vegetation Scattered trees	40 30 20 10	0.07 0.05 0.03 0.02	Lon(P1)
Harefield Green	GiGL_HAB_12154	(505327,190636)	1.70	12/08/2004	Amenity grassland Scattered trees Native hedge Bare artificial habitat	79 10 10 1	1.34 0.17 0.17 0.02	Lon(P1)

Site Name	Polygon ID	Grid Ref	Site Area (ha)	Survey Date	Habitat Type	Area (%)	Area (ha)	Survey Type
Taylors Meadow	GiGL_HAB_12155	(505361,191302)	5.08	12/08/2004	Amenity grassland Native hedge	90 10	4.55 0.51	Lon(P1)
Sports field to the west of Merle Avenue Harefield	GiGL_HAB_12157	(504918,190493)	1.34	16/09/2004	Amenity grassland Scattered trees	90 10	1.21 0.13	Lon(P1)
Land adjacent to the east side of Old Park Wood, Land south of the footpath between Old Park Wood and Hill End Road	GiGL_HAB_12158	(504990,191250)	7.13	16/09/2004	Roughland (intimate mix of 9, 14 and 6) Bare artificial habitat	90 10	6.4 0.71	Lon(P1)
Land adjacent to the east side of Old Park Wood, Field to the north of footpath (Old Park Wood to Hill End)	GiGL_HAB_12159	(504739,191564)	3.78	16/09/2004	Improved or re-seeded agricultural grassland	100	3.77	Lon(P1)
Land adjacent to the east side of Old Park Wood, Rectangular field	GiGL_HAB_12160	(504937,191487)	1.31	30/10/2004	Neutral grassland (semi-improved) tall herbs Scattered trees Bare artificial habitat	83 10 5 2	1.08 0.13 0.07 0.03	Lon(P1)
Harefield Hospital, Ponds	GiGL_HAB_12161	(504840,190779)	1.24	24/11/2004	Standing water (includes canals) Wet marginal vegetation Typha etc. swamp Scattered trees Native broadleaved woodland Neutral grassland (herb-rich) Bare soil and rock tall herbs Bare artificial habitat	30 10 10 10 10 10 10 5 5	0.37 0.12 0.12 0.12 0.12 0.12 0.12 0.06 0.06	Lon(P1)
Harefield Hospital, Field and adjacent wood	GiGL_HAB_12162	(504997,190938)	2.96	15/09/2004	Neutral grassland (semi-improved) Native broadleaved woodland	50 50	1.48 1.48	Lon(P1)
Harefield Hospital, Hospital building complex	GiGL_HAB_12163	(505167,190889)	13.00	30/10/2004	Bare artificial habitat Amenity grassland Scattered trees	45 40 15	5.83 5.18 1.94	Lon(P1)
Harefield Football Club ground	GiGL_HAB_12164	(505601,190238)	1.00	15/09/2004	Amenity grassland Bare artificial habitat	90 10	0.89 0.1	Lon(P1)

Site Name	Polygon ID	Grid Ref	Site Area (ha)	Survey Date	Habitat Type	Area (%)	Area (ha)	Survey Type
Knightscore Farm Ponds, Woodland and small pond (northern)	GiGL_HAB_12165	(505886,190033)	0.43	14/09/2004	Native broadleaved woodland	40	0.17	Lon(P1)
					Standing water (includes canals)	20	0.09	
					Typha etc. swamp	10	0.04	
					Non- native broadleaved woodland	10	0.04	
					Bracken	10	0.04	
					Wet marginal vegetation	5	0.02	
					Ruderal or ephemeral	5	0.02	
Knightscore Farm Ponds, Fishing Pond at Knightscore Farm (Southern)	GiGL_HAB_12166	(505911,189932)	0.71	14/09/2004	Standing water (includes canals)	60	0.43	Lon(P1)
					Native broadleaved woodland	15	0.11	
					Neutral grassland (semi-improved)	10	0.07	
					Typha etc. swamp	5	0.04	
					Scattered trees	5	0.04	
					Bare soil and rock	3	0.02	
					Bracken	1	0.01	
The Dell	GiGL_HAB_12167	(506658,190118)	1.01	13/09/2004	Non- native broadleaved woodland	90	0.91	Lon(P1)
					Ditches (water filled)	10	0.1	
Knightscore and Bourne Farms	GiGL_HAB_12168	(506486,189980)	112.01	13/09/2004	Improved or re-seeded agricultural grassland	70	78.17	Lon(P1)
					Arable	20	22.33	
					Neutral grassland (semi-improved)	8	8.93	
					Running water (rivers and streams)	2	2.23	
Scarlet Spring	GiGL_HAB_12169	(506876,190359)	4.34	13/09/2004	Native broadleaved woodland	80	3.46	Lon(P1)
					Non- native broadleaved woodland	12	0.52	
					Coniferous woodland	6	0.26	
					Running water (rivers and streams)	2	0.09	
Newdigate Lane Allotments	GiGL_HAB_12176	(505560,190915)	0.57	28/10/2004	Allotments (active)	65	0.37	Lon(P1)
					Neutral grassland (semi-improved)	27	0.15	
					Ruderal or ephemeral	5	0.03	
					Native hedge	3	0.02	

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Youngwood Farm	GiGL_HAB_12180	(507376,189894)	28.96	29/10/2004	Improved or re-seeded agricultural grassland Bare artificial habitat Native hedge Scattered trees Fen carr (woodland or scrub over fen)	87 8 3 1 1	25.13 2.31 0.87 0.29 0.29	Lon(P1)
Holland & Holland Shooting Grounds	GiGL_HAB_12181	(507308,190148)	14.95	06/11/2004	Amenity grassland Neutral grassland (semi-improved) Scattered trees Native hedge Bare artificial habitat	60 10 10 10 10	8.94 1.49 1.49 1.49 1.49	Lon(P1)
Battlers Wells area, Fields south of Shepherds Hill farm	GiGL_HAB_12186	(506549,190952)	8.25	07/09/2004	Neutral grassland (semi-improved) Improved or re-seeded agricultural grassland Native hedge	70 25 5	5.76 2.06 0.41	Lon(P1)
Battlers Wells area, Fields to the south-west of Little Bourne Farm	GiGL_HAB_12187	(506531,191148)	6.30	07/09/2004	Improved or re-seeded agricultural grassland Bare soil and rock Bare artificial habitat Native hedge	80 15 3 2	5.02 0.94 0.19 0.13	Lon(P1)
Battlers Wells area, Little Bourne Farm fields	GiGL_HAB_12188	(506815,191181)	9.96	07/09/2004	tall herbs Neutral grassland (semi-improved) Scrub Native hedge Bare soil and rock	55 20 10 10 5	5.46 1.99 0.99 0.99 0.5	Lon(P1)
Battlers Wells area, Battlers Wells wood	GiGL_HAB_12189	(507019,191330)	3.26	07/09/2004	Native broadleaved woodland Non- native broadleaved woodland Non-native hedge	50 45 5	1.63 1.46 0.16	Lon(P1)
Battlers Wells area, Fields south of Battlers Wells Wood	GiGL_HAB_12190	(506977,191114)	3.60	07/09/2004	Improved or re-seeded agricultural grassland Non-native hedge	100 5	3.59 0.18	Lon(P1)

Site Name	Polygon ID	Grid Ref	Site Area (ha)	Survey Date	Habitat Type	Area (%)	Area (ha)	Survey Type
Battlers Wells area, Fields to east of Battlers Wells Wood and Deadmans Grove	GiGL_HAB_12191	(507250,191079)	14.76	07/09/2004	Neutral grassland (semi-improved) Neutral grassland (herb-rich) Native hedge	50 40 10	7.36 5.89 1.47	Lon(P1)
Battlers Wells area, Field to the south of Jacket Lane	GiGL_HAB_12192	(507495,191229)	5.21	07/09/2004	Neutral grassland (semi-improved) Bare soil and rock Native hedge	85 10 5	4.41 0.52 0.26	Lon(P1)
Battlers Wells area, West of Deadmans Grove Wood	GiGL_HAB_12193	(506717,190755)	1.81	07/09/2004	Native broadleaved woodland	100	1.80	Lon(P1)
Battlers Wells area, Fields adjacent to west of Deadmans Grove	GiGL_HAB_12194	(506853,190689)	6.65	07/09/2004	Neutral grassland (semi-improved) Native hedge	90 10	5.97 0.66	Lon(P1)
Battlers Wells area, Deadmans Grove wood	GiGL_HAB_12195	(507055,190710)	3.90	07/09/2004	Native broadleaved woodland	100	3.89	Lon(P1)
Battlers Wells area, Land to the west of Ducks Hill Road, Northwood	GiGL_HAB_12196	(507327,190630)	39.06	07/09/2004	Neutral grassland (semi-improved) Native hedge Native broadleaved woodland	85 10 5	33.1 3.89 1.95	Lon(P1)
Battlers Wells area, Ducks Hill Grange	GiGL_HAB_12197	(507586,190503)	2.55	06/11/2004	Scrub Scattered trees Bare artificial habitat Bare soil and rock Amenity grassland	60 20 10 5 5	1.52 0.51 0.25 0.13 0.13	Lon(P1)
Battlers Wells area, Field north of Deadmans Grove	GiGL_HAB_12198	(506970,190935)	6.44	07/09/2004	Neutral grassland (semi-improved) Native hedge	90 10	5.78 0.64	Lon(P1)
Battlers Wells area, Fields to East of Shepherds Hill Cottage	GiGL_HAB_12200	(506249,190917)	5.61	07/09/2004	Improved or re-seeded agricultural grassland Native hedge	92 8	5.15 0.45	Lon(P1)
Sheperds Hill House Field Studies Centre	GiGL_HAB_12205	(506169,190920)	1.18	29/10/2004	Scrub Scattered trees Bare artificial habitat Planted shrubbery Standing water (includes canals) Amenity grassland	34 30 20 10 3 3	0.4 0.35 0.23 0.12 0.04 0.04	Lon(P1)
Ashain Spring	GiGL_HAB_12206	(506101,190438)	1.99	14/09/2004	Native broadleaved woodland Running water (rivers and streams)	95 5	1.88 0.1	Lon(P1)

Site Name	Polygon ID	Grid Ref	Site Area (ha)	Survey Date	Habitat Type	Area (%)	Area (ha)	Survey Type
Claypits Wood and Kiln Pond, Claypits Wood	GiGL_HAB_12207	(506221,190177)	3.29	14/09/2004	Native broadleaved woodland Non- native broadleaved woodland Running water (rivers and streams)	75 20 5	2.46 0.66 0.16	Lon(P1)
Claypits Wood and Kiln Pond, Kiln Pond	GiGL_HAB_12208	(506324,190165)	0.85	14/09/2004	Standing water (includes canals) Native broadleaved woodland Non- native broadleaved woodland Bare soil and rock	80 10 5 5	0.68 0.09 0.04 0.04	Lon(P1)
Field to the east of St. Mary's Copse	GiGL_HAB_12238	(505381,189743)	5.99	18/08/2004	Improved or re-seeded agricultural grassland Non-native hedge Native hedge tall herbs	92 3 3 2	5.49 0.18 0.18 0.12	Lon(P1)
Hillingdon Covered Reservoir	GiGL_HAB_12239	(506743,191441)	4.12	01/11/2004	Amenity grassland Scattered trees Bare artificial habitat	80 15 5	3.29 0.62 0.21	Lon(P1)
John Penrose School Grounds	GiGL_HAB_12356	(505864,190913)	3.13	28/10/2004	Amenity grassland Bare soil and rock Neutral grassland (semi-improved) Ruderal or ephemeral Native hedge Orchard	60 20 10 5 3 2	1.87 0.62 0.31 0.16 0.09 0.06	Lon(P1)

5.2 BAP Condition Assessment & Habitat Suitability

The London Biodiversity Partnership (LBP) habitat suitability dataset was created to promote the preservation, restoration and re-creation of priority habitats. This is a modelled dataset which, if used to create one or more of the nine selected BAP priority habitats, should give the best benefit to biodiversity in London.

Launched in 2010, this dataset is based on methods developed with the London Biodiversity Partnership's Habitat Action Plan (HAP) groups. GiGL mapped Biodiversity Action Plan (BAP) habitat distribution using information from GLA habitat surveys, and assessed their condition using species records and other datasets. Further to this work, GiGL created a predictive model of areas suitable for either maintaining existing BAP habitat, expanding areas of BAP habitat or creating new BAP habitats. Again, the methodology was designed in partnership with the HAP groups, and includes factors such as soil type.

This dataset was a one-off project and is not updated.

Site Name	Polygon ID	Grid Ref	Site Area (ha)	Created Date	Habitat Condition	Area (ha)	Habitat Suitability	Area (ha)
Watts Common Area, Horse pastures to east of footpath	GiGL_HAB_11578	(505137,192196)	12.28	2004			Create new/restore relict heath Create new/restore relict acid grass	12.25 12.25
Watts Common Area, Cooks Wood	GiGL_HAB_11579	(505191,192588)	1.25	2004	Wood Unknown condition (management not known)	1.24	Create new/restore relict heath Create new/restore relict acid grass	0 0
Watts Common Area, Fields adjacent to Hillingdon Borough boundary	GiGL_HAB_11580	(505303,192669)	2.09	2004	Wood Unknown condition (management not known)	0.52	Create new/restore relict heath Create new/restore relict acid grass	2.08 2.08
Watts Common Area, Field Adjacent to Borough Boundary	GiGL_HAB_11581	(505454,192508)	2.45	2004			Create new/restore relict heath Create new/restore relict acid grass	2.44 2.44
Watts Common Area, Linear Shaw	GiGL_HAB_11582	(505307,192546)	0.72	2004	Wood Unknown condition (management not known)	0.65	Create new/restore relict heath Create new/restore relict acid grass	0.07 0.07
Watts Common Area, Woodland - Round	GiGL_HAB_11583	(505540,192181)	0.29	2004	Wood Unknown condition (management not known)	0.20	Create new/restore relict heath Create new/restore relict acid grass	0.29 0.29
Watts Common Area, Woodland - Rectangular	GiGL_HAB_11584	(505380,192072)	0.83	2004	Wood Unknown condition (management not known)	0.83	Create new/restore relict heath Create new/restore relict acid grass	0.83 0.83
Watts Common Area, White Heath Farm Woods	GiGL_HAB_11585	(505455,191808)	1.63	2004	Wood Unknown condition (management not known) Pond condition Poor	1.5 0.13	Create new/restore relict pond	1.63
Watts Common Area, Watts Common	GiGL_HAB_11586	(505390,191457)	3.23	2004	Wood Unknown condition (management not known)	1.93	Create new/restore relict wood	3.22
Watts Common Area, Field to South-West of Cooks Wood	GiGL_HAB_11587	(505238,192474)	5.29	2004			Create new/restore relict heath Create new/restore relict acid grass	5.27 5.27
Watts Common Area, White Heath Farm Fields	GiGL_HAB_11588	(505393,191884)	46.10	2004	Wood Unknown condition (management not known)	4.60	Create new/restore relict pond	45.96
Watts Common Area, Hedgerow adjacent to footpath	GiGL_HAB_11589	(505318,192301)	0.19	2004			Create new/restore relict heath Create new/restore relict acid grass	0.19 0.19
Harefield Grove, Sensormatic HQ	GiGL_HAB_11590	(505706,191574)	7.17	2004	Wood Unknown condition (management not known)	2.15	Create new/restore relict wood	7.15
Harefield Grove, Northwest woodland	GiGL_HAB_11591	(505854,191877)	2.19	2004	Wood Unknown condition (management not known)	1.75	Create new/restore relict wood	2.19
Harefield Grove, North Paddock	GiGL_HAB_11592	(506098,191978)	8.78	2004			Create new/restore relict wood	8.75
Harefield Grove, South Central Plantation	GiGL_HAB_11593	(506001,191362)	6.74	2004	Wood Unknown condition (management not known)	6.72	Create new/restore relict wood	6.72
Harefield Grove, North-East Paddock	GiGL_HAB_11594	(506528,191631)	4.44	2004	Wood Unknown condition (management not known)	0.22	Create new/restore relict pond	4.43
Harefield Grove, Central pasture	GiGL_HAB_11595	(506169,191511)	5.44	2004			Create new/restore relict wood	5.42
Harefield Grove, South-East Fields	GiGL_HAB_11596	(505830,191280)	20.25	2004			Create new/restore relict wood	20.19
Harefield Grove, Field at Harefield Grove Farm Entrance	GiGL_HAB_11597	(505617,191284)	7.90	2004			Create new/restore relict wood	7.87

Site Name	Polygon ID	Grid Ref	Site Area (ha)	Created Date	Habitat Condition	Area (ha)	Habitat Suitability	Area (ha)
Harefield Grove, Square pond to north east.	GiGL_HAB_11598	(506516,191591)	0.57	2004	Pond condition Poor	0.40	Create new/restore relict pond Create new/restore relict reed	0.57 0.4
Harefield Grove, North central paddock	GiGL_HAB_11599	(505951,191782)	5.42	2004			Create new/restore relict wood	5.40
Harefield Grove, North-west Spinney	GiGL_HAB_11600	(505682,192002)	1.49	2004	Wood Unknown condition (management not known)	1.19	Create new/restore relict wood	1.49
Harefield Grove, North-West Paddock	GiGL_HAB_11601	(505716,191920)	3.85	2004	Floodplain G M condition Poor	3.72	Create new/restore relict floodplain GM	3.84
Harefield Grove, Mixed Plantation	GiGL_HAB_11602	(506140,191701)	7.57	2004			Create new/restore relict wood	7.54
Grand Union Canal West of Harefield, Fields adjacent to Grand Union Canal	GiGL_HAB_11625	(504604,189978)	2.73	2004			Create new/restore relict pond	2.73
Grand Union Canal West of Harefield, Woodland to west of Lovett Wood, Harefield	GiGL_HAB_11626	(505002,189905)	3.92	2004	Wood Unknown condition (management not known)	2.89	Create new/restore relict wood	3.90
Grand Union Canal West of Harefield, Large field adjacent to east of Grand Union Canal	GiGL_HAB_11627	(504782,190022)	18.01	2004			Create new/restore relict pond Create new/restore relict floodplain GM	17.95 17.95
Grand Union Canal West of Harefield, South Scrub	GiGL_HAB_11628	(504832,189562)	2.03	2005	Wood Unknown condition (management not known)	0.61	Create new/restore relict pond	2.02
Grand Union Canal West of Harefield, Grand Union Canal - South from Black Jack's Lock to disused bridge.	GiGL_HAB_11629	(504652,189842)	2.49	2004	Pond condition Poor	1.99	Create new/restore relict pond Create new/restore relict reed	2.49 1.99
Grand Union Canal West of Harefield, Wood south of Dovedale Close Allotments	GiGL_HAB_11630	(504885,190110)	2.30	2004			Create new/restore relict wood	2.29
Grand Union Canal West of Harefield, Fields to west of Merle Avenue	GiGL_HAB_11631	(504693,190407)	4.61	2004				
Grand Union Canal West of Harefield, Field adjacent to Merle Avenue, Harefield	GiGL_HAB_11632	(504850,190433)	1.05	2004				
Grand Union Canal West of Harefield, Fields to west of Dovedale Close Allotments	GiGL_HAB_11633	(504792,190244)	3.72	2004			Create new/restore relict wood	3.71
Colne Valley Park and associated land, NW and W riparian margins of Broadwater Lake	GiGL_HAB_11647	(504040,189649)	4.96	2004			Create new/restore relict pond Create new/restore relict reed	4.94 1.98
Colne Valley Park and associated land, Broadwater Lake	GiGL_HAB_11650	(504393,189615)	65.82	2004	Wood Unknown condition (management not known)	3.28	Create new/restore relict pond Create new/restore relict reed	65.62 52.5
Colne Valley Park and associated land, NE and E Riparian Margins of Broadwater Lake	GiGL_HAB_11651	(504729,189670)	10.48	2004	Wood Unknown condition (management not known)	7.83	Create new/restore relict pond	10.44
Mount Pleasant, Land east of Coppermill Down	GiGL_HAB_11652	(504538,190655)	7.74	2004			Create new/restore relict wood	7.72
Mount Pleasant, Wood adjacent to Jacks Lane	GiGL_HAB_11653	(504553,190474)	0.83	2004	Wood Unknown condition (management not known)	0.83	Create new/restore relict wood	0.83
Mount Pleasant, Black Jack's Cottage and Jack's Lock	GiGL_HAB_11654	(504254,190437)	3.62	2004	Pond condition Poor	0.90	Create new/restore relict pond Create new/restore relict floodplain GM Create new/restore relict reed	3.61 2.71 0.9
Mount Pleasant, Coppermill Down SNCI/SSSI	GiGL_HAB_11655	(504283,190681)	6.47	2004	Meadow condition Poor Wood Unknown condition (management not known)	5.42 0.26	Create new/restore relict meadow Create new/restore relict pond Create new/restore relict heath Create new/restore relict floodplain GM Create new/restore relict acid grass	6.45 1.03 1.03 1.03 1.03
Mount Pleasant, Field South of Coppermill Down SSSI	GiGL_HAB_11656	(504439,190403)	3.01	2004	Floodplain G M condition Poor	3.00	Create new/restore relict floodplain GM Create new/restore relict pond Create new/restore relict heath Create new/restore relict acid grass	3 0 0 0
Mount Pleasant Farm, Central fields and orchard	GiGL_HAB_11657	(504741,190852)	1.91	2004	Wood Unknown condition (management not known)	0.19	Create new/restore relict pond	1.90
Mount Pleasant Farm, Fields along western boundary	GiGL_HAB_11658	(504613,190924)	3.67	2004			Create new/restore relict pond	3.66
Mount Pleasant Farm, Northernmost field adjacent to Old Park Wood	GiGL_HAB_11659	(504890,191035)	7.31	2004			Create new/restore relict pond	7.29
Mount Pleasant Farm, Pond	GiGL_HAB_11660	(504890,191053)	0.11	2004	Pond condition Poor	0.11	Create new/restore relict pond	0.11

Site Name	Polygon ID	Grid Ref	Site Area (ha)	Created Date	Habitat Condition	Area (ha)	Habitat Suitability	Area (ha)
Grand Union Canal south of Springwell lake, Grand Union Canal south of Springwell Lake and Coppermill Lane	GiGL_HAB_11705	(504161,191728)	2.67	2004	Pond condition Poor	1.33	Create new/restore relict pond Create new/restore relict reed	2.67 1.34
Hill End Road - western edge, Pond	GiGL_HAB_11770	(504996,191575)	0.19	2004	Pond condition Poor	0.03	Create new/restore relict pond	0.19
Hill End Road - western edge, Wooded road edge	GiGL_HAB_11771	(505249,191055)	2.22	2004	Wood Unknown condition (management not known)	2.22	Create new/restore relict wood	2.22
Hill End Road - western edge, Nursing Centre, Hill End Road, Harefield	GiGL_HAB_11772	(504960,191526)	2.43	2004			Create new/restore relict pond	2.43
Hill End Road - western edge, Children's play area	GiGL_HAB_11773	(504973,191628)	0.16	2004			Create new/restore relict pond	0.16
Old Park Wood., North of Hillingdon Trail / Barrington Avenue.	GiGL_HAB_11774	(504574,191555)	4.88	2004	Wood Unknown condition (management not known)	4.77	Create new/restore relict heath Create new/restore relict acid grass	0.1 0.1
Old Park Wood., Old Park Wood - wood.	GiGL_HAB_11775	(504455,191289)	5.00	2004	Wood Unknown condition (management not known)	4.83	Create new/restore relict wood	4.98
Old Park Wood., Nature Reserve on S side of Hillingdon Trail.	GiGL_HAB_11776	(504802,191247)	7.79	2004	Wood Unknown condition (management not known)	6.67	Create new/restore relict reed	0.31
Old Park Wood., Woodland on S fringe of wood.	GiGL_HAB_11777	(504283,191222)	6.09	2004	Wood Unknown condition (management not known)	5.77	Create new/restore relict heath Create new/restore relict acid grass	0.3 0.3
Summerhouse Lane Chalk Pit, Amenity grassland to the south	GiGL_HAB_11778	(504332,191490)	1.04	2004			Create new/restore relict heath Create new/restore relict floodplain GM Create new/restore relict acid grass	1.04 1.04 1.04
Summerhouse Lane Chalk Pit, Woodland at top of chalk cliffs.	GiGL_HAB_11779	(504403,191742)	3.14	2004	Wood Unknown condition (management not known) Species Rich Chalk grass CAT B	2.97 0.16	Expand existing chalk grass Create new/restore relict pond Create new/restore relict heath Create new/restore relict floodplain GM Create new/restore relict acid grass	0.16 0 0 0 0
Summerhouse Lane Chalk Pit, Summerhouse Lane Chalk Pit - pit	GiGL_HAB_11780	(504371,191633)	5.82	2004	Meadow condition Poor Wood Unknown condition (management not known) Species Rich Chalk grass CAT C	1.45 1.16 0.58	Create new/restore relict meadow Create new/restore relict chalk grass Create new/restore relict heath Create new/restore relict floodplain GM Create new/restore relict acid grass	5.22 4.35 3.77 3.77 3.77
Springwell Lane Chalk Pit, Horse pasture	GiGL_HAB_11781	(504924,192348)	2.62	2004			Create new/restore relict heath Create new/restore relict acid grass	2.61 2.61
Springwell Lane Chalk Pit, Former land-fill site (western section)	GiGL_HAB_11782	(504661,192606)	8.73	2004			Create new/restore relict heath Create new/restore relict acid grass	8.71 8.71
Springwell Lane Chalk Pit, Former land-fill site (eastern section)	GiGL_HAB_11783	(504936,192724)	18.01	2004			Create new/restore relict heath Create new/restore relict acid grass	17.96 17.96
Springwell Lane Chalk Pit, Car dismantling yard	GiGL_HAB_11784	(504341,192825)	1.61	2004			Create new/restore relict heath Create new/restore relict acid grass	1.61 1.61
Springwell Lane Chalk Pit	GiGL_HAB_11785	(504533,192951)	11.53	2004	Species Rich Chalk grass CAT A Wood Unknown condition (management not known)	1.72 1.15	Create new/restore relict pond Create new/restore relict heath Create new/restore relict floodplain GM Create new/restore relict acid grass Expand existing chalk grass	9.77 9.77 9.77 9.77 1.72
Springwell Lane Chalk Pit, Airfield	GiGL_HAB_11786	(504695,192878)	3.61	2004			Create new/restore relict heath Create new/restore relict floodplain GM Create new/restore relict acid grass	3.6 3.6 3.6
Springwell Farm Area, Springwell Pit Wood	GiGL_HAB_11787	(504447,192352)	1.60	2004	Wood Unknown condition (management not known) Meadow condition Poor	1.44 0	Create new/restore relict meadow Create new/restore relict heath Create new/restore relict floodplain GM Create new/restore relict acid grass	1.6 1.6 1.6 1.6
Springwell Farm Area, Horse pastures around Springwell Pit Wood and footpath	GiGL_HAB_11788	(504353,192518)	6.12	2004			Create new/restore relict pond Create new/restore relict heath Create new/restore relict floodplain GM Create new/restore relict acid grass	6.1 6.1 6.1 6.1

Site Name	Polygon ID	Grid Ref	Site Area (ha)	Created Date	Habitat Condition	Area (ha)	Habitat Suitability	Area (ha)
Springwell Farm Area, Pasture surrounding wood	GiGL_HAB_11789	(504404,192223)	3.22	2004			Create new/restore relict heath Create new/restore relict floodplain GM Create new/restore relict acid grass	3.21 3.21 3.21
Springwell Farm Area, Hedgerow and small copse	GiGL_HAB_11790	(504338,192132)	0.29	2004	Wood Unknown condition (management not known)	0.14	Create new/restore relict pond Create new/restore relict heath Create new/restore relict acid grass	0.15 0.15 0.15
Springwell Farm Area, Horse pasture	GiGL_HAB_11791	(504293,192195)	1.26	2004			Create new/restore relict pond Create new/restore relict heath Create new/restore relict floodplain GM Create new/restore relict acid grass	1.26 1.26 1.26 1.26
Springwell Farm Area, Environmental Field	GiGL_HAB_11792	(504266,191975)	1.58	2004	Species Rich Chalk grass CAT B Wood Unknown condition (management not known) Pond condition Poor	0.86 0.11 0.08	Expand existing chalk grass Create new/restore relict pond Create new/restore relict floodplain GM	0.86 0.71 0.63
Springwell Lake Area, Springwell Farm - former watercress beds	GiGL_HAB_11793	(504247,192532)	0.89	2004	Wood Unknown condition (management not known)	0.09	Create new/restore relict pond	0.89
Springwell Lake Area, Reedbed to South of lake	GiGL_HAB_11794	(504099,192441)	4.54	2004	Reed condition Average	3.62	Maintain existing reed Create new/restore relict pond	3.62 0.91
Springwell Lake Area, Land North of works	GiGL_HAB_11795	(504177,192711)	1.58	2004			Create new/restore relict pond	1.58
Springwell Lake Area, Springwell Lake	GiGL_HAB_11796	(504105,192958)	13.56	2004	Reed condition Good	0.68	Create new/restore relict pond Create new/restore relict floodplain GM Expand existing reed	12.84 12.84 8.52
Springwell Lake Area, Grand Union Canal East of Springwell Lake	GiGL_HAB_11797	(504224,192759)	2.58	2004	Pond condition Average	1.03	Expand existing pond Create new/restore relict reed	1.54 1.03
Springwell Lake Area, Old watercress beds	GiGL_HAB_11798	(504254,193036)	1.36	2004			Create new/restore relict wood	1.36
Springwell Lake Area, River Colne - Grand Union Canal to Springwell Lane	GiGL_HAB_11801	(504298,192993)	0.67	2004			Create new/restore relict pond Create new/restore relict reed	0.67 0.3
Inns Lake Area, Stockers Lake, nr Rickmansworth	GiGL_HAB_11802	(504471,193357)	6.36	2004	Wood Good condition (under active management) Reed condition Good	0.32 0.32	Expand existing reed	3.81
Inns Lake Area, Inns Lake	GiGL_HAB_11803	(504205,193383)	6.66	2004			Create new/restore relict reed	4.32
Inns Lake Area, R.Colne - Springwell Lane to Hillingdon Boundary	GiGL_HAB_11804	(504316,193317)	1.12	2004			Create new/restore relict reed	0.48
Inns Lake Area, Woodland SW of Stockers Lake	GiGL_HAB_11805	(504499,193175)	2.81	2004	Wood Unknown condition (management not known)	1.40	Create new/restore relict pond	2.80
Esporta Health and Fitness Club, French Grove	GiGL_HAB_11821	(507238,191547)	7.88	2004	Wood Unknown condition (management not known)	6.45	Create new/restore relict wood	7.86
Esporta Health and Fitness Club, Fiels south east of French Grove	GiGL_HAB_11822	(507448,191416)	6.94	2004			Create new/restore relict wood	6.92
Esporta Health and Fitness Club, Woodland adjacent to Jackets Lane	GiGL_HAB_11823	(507661,191189)	1.35	2004	Wood Unknown condition (management not known)	1.35	Create new/restore relict wood	1.35
Esporta Health and Fitness Club, Fields south of Riverside Club	GiGL_HAB_11824	(507874,191280)	12.43	2004	Wood Unknown condition (management not known)	0.62	Create new/restore relict pond	12.39
Kewferry Rough, Bishops Wood pasture	GiGL_HAB_11829	(507763,192225)	2.86	2004			Create new/restore relict wood	2.85
Kewferry Rough, Bishops Wood	GiGL_HAB_11830	(507637,192153)	1.52	2004	Wood Unknown condition (management not known)	1.06	Create new/restore relict wood	1.52
Mt Vernon Meadow, North-east meadow	GiGL_HAB_11952	(507945,191812)	1.75	2004			Create new/restore relict pond	1.75
Mt Vernon Meadow, Grazing Paddock	GiGL_HAB_11953	(507699,191582)	15.76	2004			Create new/restore relict pond	15.71
Arihanta, Copse	GiGL_HAB_11954	(506433,191476)	0.45	2004	Wood Unknown condition (management not known)	0.40	Create new/restore relict wood	0.45
Hayes Cricket Club	GiGL_HAB_11955	(505363,190402)	1.63	2004			Create new/restore relict wood	1.62
Rickmansworth Road Grazing Fields	GiGL_HAB_11957	(505594,191052)	4.56	2004			Create new/restore relict wood	4.55
Northwood Way Open Space	GiGL_HAB_11958	(505747,190742)	0.81	2004			Create new/restore relict wood	0.81

Site Name	Polygon ID	Grid Ref	Site Area (ha)	Created Date	Habitat Condition	Area (ha)	Habitat Suitability	Area (ha)
Farmland around Bayhurst Wood NNR., The Dairy Farm, Harefield. NW paddocks.	GiGL_HAB_12117	(505425,190253)	4.62	2004	Meadow condition Poor	3.83	Create new/restore relict meadow	4.61
Farmland around Bayhurst Wood NNR., Fields associated with The Dairy Farm.	GiGL_HAB_12118	(505488,190206)	1.31	2004	Meadow condition Poor	1.18	Create new/restore relict meadow	1.31
Farmland around Bayhurst Wood NNR., Land to west of Langley Farm.	GiGL_HAB_12119	(505229,190077)	2.16	2004			Create new/restore relict wood	2.15
Farmland around Bayhurst Wood NNR., Fields to west of Langley Farm.	GiGL_HAB_12120	(505537,190072)	14.26	2004			Create new/restore relict wood	14.22
Farmland around Bayhurst Wood NNR., Field S & W of Langley Farm, N & E of Harefield Church.	GiGL_HAB_12121	(505629,189825)	2.90	2004			Create new/restore relict wood	2.89
Farmland around Bayhurst Wood NNR., Land adjacent to Church Hill, S Harefield.	GiGL_HAB_12122	(505270,189482)	5.36	2004	Wood Unknown condition (management not known)	0.27	Create new/restore relict wood	5.34
Farmland around Bayhurst Wood NNR., Triangular field to W of Breakspear House	GiGL_HAB_12123	(505869,189707)	2.14	2004			Create new/restore relict wood	2.14
Farmland around Bayhurst Wood NNR., Land to S+E of Harefield Parish Church.	GiGL_HAB_12124	(505576,189392)	26.64	2004	Floodplain G M condition Poor Wood Unknown condition (management not known)	23.63 1.33	Create new/restore relict floodplain GM	26.56
Farmland around Bayhurst Wood NNR., Wood to S of Breakspear House, Harefield.	GiGL_HAB_12125	(505995,189427)	5.44	2004	Wood Unknown condition (management not known)	5.42	Create new/restore relict pond	5.42
Farmland around Bayhurst Wood NNR., Farmland N of Hillingdon Trail.	GiGL_HAB_12126	(506156,189488)	4.29	2004				
Farmland around Bayhurst Wood NNR., Land to NW of Tarleton Pond.	GiGL_HAB_12127	(506352,189503)	11.85	2004			Create new/restore relict pond	11.82
Farmland around Bayhurst Wood NNR., Farmland W of Bayhurst Wood NNR	GiGL_HAB_12128	(506073,188716)	98.08	2004			Create new/restore relict pond	97.78
Farmland around Bayhurst Wood NNR., Field between Breakspear House and Langley Farm.	GiGL_HAB_12132	(505803,189852)	2.08	2004			Create new/restore relict wood	2.07
Farmland around Bayhurst Wood NNR., Shaw to NE of Park Lodge Farm Centre.	GiGL_HAB_12135	(505888,189304)	0.35	2004	Wood Unknown condition (management not known)	0.35	Create new/restore relict wood	0.35
Farmland around Bayhurst Wood NNR., St Mary's Copse	GiGL_HAB_12137	(505228,189732)	1.18	2004	Wood Unknown condition (management not known)	1.07	Create new/restore relict wood	1.18
Harefield Parish Church, Churchyard/Cemetery	GiGL_HAB_12143	(505375,189551)	1.73	2004	Wood Unknown condition (management not known)	0.52	Create new/restore relict wood	1.72
Harefield Parish Church, Woodland to the east of Harefield Parish Church	GiGL_HAB_12144	(505547,189629)	2.08	2004	Wood Unknown condition (management not known)	2.06	Create new/restore relict pond	0.01
Harefield Parish Church, Pond in woodland, south of footpath	GiGL_HAB_12145	(505604,189672)	0.14	2004			Create new/restore relict wood	0.14
Harefield Parish Church, Eastern pond in woodland, north of footpath	GiGL_HAB_12146	(505543,189670)	0.16	2004	Pond condition Poor	0.10	Create new/restore relict pond	0.16
Harefield Parish Church, Western pond in woodland, north of footpath	GiGL_HAB_12147	(505468,189625)	0.08	2004	Pond condition Poor	0.04	Create new/restore relict pond	0.08
Farmland to the east and south of Springwell Pit Wood, Pastures	GiGL_HAB_12150	(504572,192270)	13.06	2004			Create new/restore relict pond Create new/restore relict heath Create new/restore relict floodplain GM Create new/restore relict acid grass	13.02 13.02 13.02 13.02
Farmland to the east and south of Springwell Pit Wood, Hay grassland	GiGL_HAB_12151	(504507,191784)	3.33	2004			Create new/restore relict heath Create new/restore relict acid grass	3.32 3.32
Maracus Cottage Area	GiGL_HAB_12152	(504778,191873)	12.87	2004			Create new/restore relict heath Create new/restore relict acid grass	12.83 12.83
Harefield Green, The Pond Harefield Green	GiGL_HAB_12153	(505350,190544)	0.17	2004	Pond condition Poor	0.07	Create new/restore relict pond	0.17
Harefield Green	GiGL_HAB_12154	(505327,190636)	1.70	2004			Create new/restore relict pond	1.69
Taylor's Meadow	GiGL_HAB_12155	(505361,191302)	5.08	2004			Create new/restore relict wood	5.06
Sports field to the west of Merle Avenue Harefield	GiGL_HAB_12157	(504918,190493)	1.34	2004			Create new/restore relict wood	1.34

Site Name	Polygon ID	Grid Ref	Site Area (ha)	Created Date	Habitat Condition	Area (ha)	Habitat Suitability	Area (ha)
Land adjacent to the east side of Old Park Wood, Land south of the footpath between Old Park Wood and Hill End Road	GiGL_HAB_12158	(504990,191250)	7.13	2004				
Land adjacent to the east side of Old Park Wood, Field to the north of footpath (Old Park Wood to Hill End)	GiGL_HAB_12159	(504739,191564)	3.78	2004				
Land adjacent to the east side of Old Park Wood, Rectangular field	GiGL_HAB_12160	(504937,191487)	1.31	2004			Create new/restore relict wood	1.30
Harefield Hospital, Ponds	GiGL_HAB_12161	(504840,190779)	1.24	2004	Pond condition Poor	0.37	Create new/restore relict pond	1.11
					Wood Unknown condition (management not known)	0.12	Create new/restore relict meadow	0.86
					Meadow condition Poor	0.12	Create new/restore relict reed	0.37
Harefield Hospital, Field and adjacent wood	GiGL_HAB_12162	(504997,190938)	2.96	2004	Wood Unknown condition (management not known)	1.48	Create new/restore relict pond	1.47
Harefield Hospital, Hospital building complex	GiGL_HAB_12163	(505167,190889)	13.00	2004			Create new/restore relict pond	12.96
Harefield Football Club ground	GiGL_HAB_12164	(505601,190238)	1.00	2004			Create new/restore relict wood	0.99
Knightscore Farm Ponds, Woodland and small pond (northern)	GiGL_HAB_12165	(505886,190033)	0.43	2004	Wood Unknown condition (management not known)	0.21	Create new/restore relict pond	0.43
					Pond condition Poor	0.09		
Knightscore Farm Ponds, Fishing Pond at Knightscore Farm (Southern)	GiGL_HAB_12166	(505911,189932)	0.71	2004	Pond condition Poor	0.43	Create new/restore relict pond	0.71
					Wood Unknown condition (management not known)	0.11	Create new/restore relict reed	0.43
The Dell	GiGL_HAB_12167	(506658,190118)	1.01	2004	Wood Unknown condition (management not known)	0.91	Create new/restore relict wood	1.01
Knightscore and Bourne Farms	GiGL_HAB_12168	(506486,189980)	112.01	2004			Create new/restore relict pond	111.67
							Create new/restore relict reed	2.23
Scarlet Spring	GiGL_HAB_12169	(506876,190359)	4.34	2004	Wood Unknown condition (management not known)	4.24	Create new/restore relict wood	4.33
Newdigate Lane Allotments	GiGL_HAB_12176	(505560,190915)	0.57	2004			Create new/restore relict wood	0.57
Youngwood Farm	GiGL_HAB_12180	(507376,189894)	28.96	2004	Wood Unknown condition (management not known)	0.29	Create new/restore relict pond	28.88
Holland & Holland Shooting Grounds	GiGL_HAB_12181	(507308,190148)	14.95	2004			Create new/restore relict wood	14.90
Battlers Wells area, Fields south of Shepherds Hill farm	GiGL_HAB_12186	(506549,190952)	8.25	2004			Create new/restore relict wood	8.23
Battlers Wells area, Fields to the south-west of Little Bourne Farm	GiGL_HAB_12187	(506531,191148)	6.30	2004			Create new/restore relict wood	6.28
Battlers Wells area, Little Bourne Farm fields	GiGL_HAB_12188	(506815,191181)	9.96	2004			Create new/restore relict wood	9.93
Battlers Wells area, Battlers Wells wood	GiGL_HAB_12189	(507019,191330)	3.26	2004	Wood Unknown condition (management not known)	3.08	Create new/restore relict wood	3.25
Battlers Wells area, Fields south of Battlers Wells Wood	GiGL_HAB_12190	(506977,191114)	3.60	2004			Create new/restore relict wood	3.59
Battlers Wells area, Fields to east of Battlers Wells Wood and Deadmans Grove	GiGL_HAB_12191	(507250,191079)	14.76	2004	Meadow condition Poor	5.89	Create new/restore relict meadow	14.72
Battlers Wells area, Field to the south of Jacket Lane	GiGL_HAB_12192	(507495,191229)	5.21	2004			Create new/restore relict wood	5.19
Battlers Wells area, West of Deadmans Grove Wood	GiGL_HAB_12193	(506717,190755)	1.81	2004	Wood Unknown condition (management not known)	1.80	Create new/restore relict wood	1.80
Battlers Wells area, Fields adjacent to west of Deadmans Grove	GiGL_HAB_12194	(506853,190689)	6.65	2004			Create new/restore relict wood	6.63
Battlers Wells area, Deadmans Grove wood	GiGL_HAB_12195	(507055,190710)	3.90	2004	Wood Unknown condition (management not known)	3.89	Create new/restore relict wood	3.89
Battlers Wells area, Land to the west of Ducks Hill Road, Northwood	GiGL_HAB_12196	(507327,190630)	39.06	2004	Wood Unknown condition (management not known)	1.95	Create new/restore relict wood	38.94
Battlers Wells area, Ducks Hill Grange	GiGL_HAB_12197	(507586,190503)	2.55	2004			Create new/restore relict wood	2.54
Battlers Wells area, Field north of Deadmans Grove	GiGL_HAB_12198	(506970,190935)	6.44	2004			Create new/restore relict wood	6.42
Battlers Wells area, Fields to East of Shepherds Hill Cottage	GiGL_HAB_12200	(506249,190917)	5.61	2004			Create new/restore relict pond	5.60
Sheperds Hill House Field Studies Centre	GiGL_HAB_12205	(506169,190920)	1.18	2004	Pond condition Poor	0.04	Create new/restore relict pond	1.17

Site Name	Polygon ID	Grid Ref	Site Area (ha)	Created Date	Habitat Condition	Area (ha)	Habitat Suitability	Area (ha)
Ashain Spring	GiGL_HAB_12206	(506101,190438)	1.99	2004	Wood Unknown condition (management not known)	1.88	Create new/restore relict wood	1.98
Claypits Wood and Kiln Pond, Claypits Wood	GiGL_HAB_12207	(506221,190177)	3.29	2004	Wood Unknown condition (management not known)	3.12	Create new/restore relict pond	0.16
Claypits Wood and Kiln Pond, Kiln Pond	GiGL_HAB_12208	(506324,190165)	0.85	2004	Pond condition Poor Wood Unknown condition (management not known)	0.68 0.12	Create new/restore relict pond Create new/restore relict reed	0.73 0.68
Field to the east of St. Mary's Copse	GiGL_HAB_12238	(505381,189743)	5.99	2004			Create new/restore relict pond	5.97
Hillingdon Covered Reservoir	GiGL_HAB_12239	(506743,191441)	4.12	2004			Create new/restore relict wood	4.11
John Penrose School Grounds	GiGL_HAB_12356	(505864,190913)	3.13	2004	Wood Unknown condition (management not known)	0.06	Create new/restore relict wood	3.12

6.0 Open Spaces

Open space information within the search area can be seen on the following pages.

The table can be cross-referenced with the Open Space Map.

This open space dataset is a combination of information collected during GLA surveys, information provided to GiGL by the London boroughs and data sourced through other means, e.g. volunteer surveys.

Note that GiGL does not currently hold open space data for all areas. Even where data is held, a lack of records in a defined geographical area does not necessarily mean that the open space features do not occur there – the area may simply not have been surveyed.

GiGL uses the following open space definition: undeveloped land which has an amenity value, or has potential for an amenity value. The value could be visual, derive from a site's historical or cultural interest or from the enjoyment of facilities which it provides. It includes both public and private spaces, but excludes private gardens.

6.1 Open Space Data

The dataset documents the primary and secondary uses of open space (divided according to broad land use categories) along with other information such as public accessibility, facilities, and special designations which apply to the site. For further details of open space typology and designation categories please also refer to the Supporting Information section of the Annex.

Site Name	Site ID	Grid Ref	Site Area (ha)	Open Space Typology			Public Open Space Awards and Designations	Public Access	Facilities
				Land use category	Primary use	Secondary uses			
Arihanta	OS_Hi_0007	TQ6480091475	0.45	Amenity	Landscaping around premises		Conservation Area Green Belt (98%)	None	
Ashain Spring	OS_Hi_0008	TQ6174090429	1.99	Natural and Semi-natural Urban Greenspace	Private woodland		SINC (HiBI05 100%) Green Belt (100%)	None	
Battlers Wells area	OS_Hi_0014	TQ7065090865	118.09			Agriculture; Other; Private woodland	SINC (HiBI05 35%) Conservation Area Green Belt (100%)	None	Historic features
Bishop's Wood Country Park	OS_Outside_0007	TQ6934091955	49.99				Metropolitan Park (Bishop's Wood Country Park)	Free	
Claypits Wood and Kiln Pond	OS_Hi_0058	TQ6248090164	4.14	Natural and Semi-natural Urban Greenspace	Private woodland		SINC (HiBI05 100%) Green Belt (100%)	None	
Colne Valley Park and associated land	OS_Hi_0060	TQ4435089333	116.72	Parks and Gardens	Park	Agriculture; Disused quarry/gravel pit; Other; River	SSSI (97%) SINC (M045 98%) Local Park and Open Space (Colne Valley Park And Associated Land) Green Belt (100%)	De facto	Fishing
Colne Valley RP	OS_Outside_0010	TQ5447093923	46.97				District Park (Colne Valley Rp)	Free	
Esporta Health and Fitness Club	OS_Hi_0092	TQ7590091395	29.67			Agriculture; Other; Other recreational; Private woodland	SINC (HiBI05 30%) Green Belt (100%)	Restricted	Fishing Tennis court
Farmland around Bayhurst Wood NNR	OS_Hi_0097	TQ6259089018	251.68			Agriculture; Common; Private woodland; Vacant land	Conservation Area Green Belt (99%)	Restricted	
Farmland to the east and south of Springwell Pit Wood	OS_Hi_0098	TQ4520092151	16.38	Other Urban Fringe	Agriculture		Green Belt (100%)	None	
Field to the east of St. Mary's Copse	OS_Hi_0108	TQ5384089756	5.99	Other Urban Fringe	Agriculture		Green Belt (100%)	None	
Grand Union Canal south of Springwell lake	OS_Hi_0128	TQ4144091620	2.67	Green Corridors	Canal		SINC (M006 82%) SINC (M057 8%) Linear Open Space (Grand Union Canal South Of Springwell Lake) Green Belt (42%)	Free	
Grand Union Canal West of Harefield	OS_Hi_0129	TQ4778089955	44.68			Agriculture; Canal; Disused quarry/gravel pit; Private woodland	SSSI (4%) SINC (HiBI01D 12%) SINC (M006 9%) SINC (M045 4%) Green Belt (81%)	Restricted	Cycle paths Waymarked walking route
Harefield Football Club ground	OS_Hi_0137	TQ5601090237	1.00	Outdoor Sports Facilities	Playing fields		Green Belt (100%)	None	Full playing pitch
Harefield Grove	OS_Hi_0139	TQ5995091542	81.82	Other Urban Fringe	Agriculture	Landscaping around premises; Private woodland	SINC (HiBI05 20%) SINC (HiBI14 38%) Conservation Area Green Belt (99%)	None	
Harefield Hospital	OS_Hi_0140	TQ5047090842	17.20	Amenity	Hospital		SINC (HiBI37 5%) Green Belt (100%)	Free	Historic features Seats

Site Name	Site ID	Grid Ref	Site Area (ha)	Open Space Typology			Public Open Space Awards and Designations	Public Access	Facilities
				Land use category	Primary use	Secondary uses			
Harefield Parish Church	OS_Hi_0143	TQ5488089644	3.40	Cemeteries and Churchyards	Cemetery/churchyard	Private woodland	SINC (HiBI04 81%) Green Belt (100%)	Restricted	Car parking Information Sculptures/monuments Seats Waymarked walking route
Harefield Place	OS_Hi_0460	TQ5447089500	1.97	Parks and Gardens	Formal garden		SINC (HiBI04 71%) English Heritage Parks and Gardens - Grade II (Harefield Place) Green Belt (100%)		
Harefield Village Green	OS_Hi_0138	TQ5325090623	1.87	Amenity	Amenity green space	Nature reserve; Recreation ground	SINC (HiBI19 9%) Small Open Space (Harefield Green) Green Flag Award (2016) London Common/Village Green	Free	All weather playing pitch Dog litter bins/area Information Litter bins Play for under 7s Sculptures/monuments Seats
Hayes Cricket Club (Hillingdon)	OS_Hi_0161	TQ7373086065	3.10	Outdoor Sports Facilities	Playing fields		Metropolitan Open Land (47%)	Restricted	Car parking Cricket pitch Information Refreshments Seats Toilets
Hill End Road - western edge	OS_Hi_0173	TQ5054091361	5.01			Common; Landscaping around premises; Play space; Private woodland	SINC (HiBI15 27%) SINC (HiBI27 4%) Green Belt (97%)	None	Dog litter bins/area Litter bins Play for under 7s Seats
Hillingdon Covered Reservoir	OS_Hi_0176	TQ6749091449	4.12	Other	Sewage/water works		SINC (HiBI05 11%) Green Belt (99%)	None	
Holland & Holland Shooting Grounds	OS_Hi_0183	TQ7292090119	14.95	Other	Other		SINC (HiBI05 22%) Green Belt (100%)	Restricted	Car parking Information
Inns Lake Area	OS_Hi_0192	TQ4355093348	16.96			Disused quarry/gravel pit; Private woodland; River	LNR (44%) SINC (M057 98%) Conservation Area Green Belt (99%)	Restricted	Car parking Dog litter bins/area Fishing Information Seats Waymarked walking route
John Penrose School Grounds	OS_Hi_0193	TQ5839090911	3.13	Amenity	Educational		Green Belt (99%)	Restricted	Animal/bird enclosure Car parking Changing rooms
Kewferry Rough	OS_Hi_0194	TQ7994092254	12.01			Agriculture; Common; Vacant land	SINC (HiBI17 32%) SINC (HiBI34 13%) Green Belt (97%)	Restricted	
Knightscote and Bourne Farms	OS_Hi_0197	TQ6525090072	112.01	Other Urban Fringe	Agriculture		Conservation Area Green Belt (100%)	None	
Knightscote Farm Ponds	OS_Hi_0198	TQ5901089973	1.14	Natural and Semi-natural Urban Greenspace	Private woodland		SINC (HiBI18 100%) Green Belt (94%)	None	Fishing
Land adjacent to the east side of Old Park Wood	OS_Hi_0202	TQ4907091406	12.21	Other	Vacant land	Agriculture	SINC (HiBI15 56%) Green Belt (100%)	None	
Maracus Cottage Area	OS_Hi_0221	TQ4782091879	12.87	Other Urban Fringe	Agriculture		Green Belt (99%)	Restricted	Waymarked walking route

Site Name	Site ID	Grid Ref	Site Area (ha)	Open Space Typology			Public Open Space Awards and Designations	Public Access	Facilities
				Land use category	Primary use	Secondary uses			
Mount Pleasant	OS_Hi_0239	TQ4390090578	21.66			Agriculture; Other; Private woodland	SSSI (32%) SINC (M006 8%) SINC (M045 9%) SINC (M058 33%) Conservation Area Green Belt (95%)	Restricted	
Mount Pleasant Farm (Hillingdon)	OS_Hi_0240	TQ4795090970	13.00	Other Urban Fringe	Agriculture		SINC (HiBI37 13%) Green Belt (100%)	None	
Mt Vernon Meadow	OS_Hi_0243	TQ7724091628	17.51	Other Urban Fringe	Agriculture	Landscaping around premises	SINC (HiBI29 70%) Green Belt (100%)	None	
Newdigate Lane Allotments	OS_Hi_0244	TQ5555090918	0.57	Allotments, Community Gardens and City Farms	Allotments			Restricted	
Northwood Way Open Space	OS_Hi_0256	TQ5749090745	0.81	Parks and Gardens	Park		Small Open Space (Northwood Way Open Space) Green corridor	Free	Dog litter bins/area Litter bins
Old Park Wood	OS_Hi_0260	TQ4562091313	23.75	Natural and Semi-natural Urban Greenspace	Public woodland	Nature reserve	SSSI (72%) SINC (M010 98%) District Park (Park Wood) Green Belt (100%)	Free	
Rickmansworth Road Grazing Fields	OS_Hi_0293	TQ5600091052	4.56	Other Urban Fringe	Agriculture		Green Belt (99%)	None	
Scarlet Spring	OS_Hi_0316	TQ6878090369	4.34	Natural and Semi-natural Urban Greenspace	Private woodland		SINC (HiBI05 100%) Conservation Area Green Belt (100%)	None	
Sheperds Hill House Field Studies Centre	OS_Hi_0319	TQ6170090911	1.18	Amenity	Landscaping around premises		SINC (HiBI26 99%) Green Belt (98%)	Restricted	Car parking
Sports field to the west of Merle Avenue Harefield	OS_Hi_0329	TQ4910090501	1.34	Outdoor Sports Facilities	Playing fields			None	Full playing pitch Junior playing pitch
Springwell Farm Area	OS_Hi_0331	TQ4355092337	14.07			Agriculture; Private woodland	SINC (HiBI01B 12%) SINC (HiBI01C 11%) Green Belt (100%)	Restricted	
Springwell Lake Area	OS_Hi_0332	TQ4130092851	28.38	Other	Disused quarry/gravel pit	Canal; Landscaping around premises; Nature reserve; Nursery/horticulture	SINC (M006 11%) SINC (M057 87%) Conservation Area Green Belt (95%)	Free	Car parking Cycle paths Dog litter bins/area Fishing Information Seats Waymarked walking route
Springwell Lane Chalk Pit	OS_Hi_0333	TQ4747092754	46.12			Agriculture; Disused quarry/gravel pit; Other recreational; Vacant land	SINC (HiBI01A 17%) SINC (HiBI39 58%) Green Belt (100%)	De facto	Car parking
Summerhouse Lane Chalk Pit	OS_Hi_0349	TQ4313091690	10.01	Other	Disused quarry/gravel pit	Landscaping around premises	SINC (HiBI01C 89%) Green Belt (90%)	De facto	
Taylors Meadow	OS_Hi_0353	TQ5367091302	5.08	Outdoor Sports Facilities	Recreation ground		Local Park and Open Space (Taylors Meadow) Green Belt (99%)	Free	Bowling green Tennis court
The Dell (Hillingdon)	OS_Hi_0358	TQ6555082843	2.95	Natural and Semi-natural Urban Greenspace	Private woodland		Conservation Area Green Belt (34%)	None	Dog litter bins/area Litter bins Seats
Watts Common Area	OS_Hi_0383	TQ5336092028	76.35	Other Urban Fringe	Agriculture	Private woodland	SINC (HiBI14 27%) Conservation Area Green Belt (100%)	Restricted	
Youngwood Farm	OS_Hi_0415	TQ7334089862	28.96	Other Urban Fringe	Agriculture		SINC (HiBI05 12%) Green Belt (100%)	None	

7.0 Contacts

7.1 Borough Contacts

Further details of sites and species within the search area may be gathered from the following borough contacts:

London Borough of Hillingdon

Stuart Hunt
Green Spaces Team (4W/08)
Civic Centre
Uxbridge
Middlesex
UB8 1UW

Tel: 01895 250916
Email: shunt@hillington.gov.uk

7.2 Further Contacts

The following contacts work closely with GiGL and are the best source for further advice or interpretation of the data provided by us. They are widely recognised in Greater London as the experts in their fields, and have provided the following information as the preferred method of contact.

Areas of expertise	SINCs, open space and habitat survey data advice
<i>Organisation</i>	GiGL – Greenspace Information for Greater London
<i>Email</i>	enquiries@gigl.org.uk
<i>Website</i>	www.gigl.org.uk

Areas of expertise	Black redstarts, birds, brown and green roofs
<i>Name</i>	Dusty Gedge
<i>Organisation</i>	Livingroofs.org
<i>Email</i>	dustygedge@yahoo.co.uk
<i>Website</i>	www.livingroofs.org

Areas of expertise	Bats
<i>Organisation</i>	London Bat Group
<i>Email</i>	enquiries@londonbats.org.uk
<i>Website</i>	www.londonbats.org.uk

Areas of expertise	Regional biodiversity action plans
<i>Organisation</i>	London Biodiversity Partnership
<i>Website</i>	www.lbp.org.uk

Areas of expertise	Area recorders for birds (Inner London, Kent, Surrey, Buckinghamshire, Middlesex, and Essex)
<i>Organisation</i>	London Natural History Society
<i>Website</i>	www.lnhs.org.uk

Areas of expertise	Plant galls
<i>Name</i>	Ken Hill
<i>Organisation</i>	London Natural History Society
<i>Email</i>	Ken@kenneth17.fsnet.co.uk
<i>Website</i>	www.lnhs.org.uk

Areas of expertise	Odonata - Dragonflies and damselflies
<i>Name</i>	Neil Anderson
<i>Organisation</i>	London Natural History Society
<i>Email</i>	neil@anders42.freemove.co.uk
<i>Website</i>	www.lnhs.org.uk

Areas of expertise	Invertebrates
<i>Name</i>	Colin W Plant
<i>Organisation</i>	London Natural History Society
<i>Email</i>	cpauk1@ntlworld.com
<i>Website</i>	www.lnhs.org.uk

Areas of expertise	Lichens and Fungi
<i>Name</i>	Ted Tuddenham
<i>Organisation</i>	London Natural History Society
<i>Email</i>	mycorec@blueyonder.co.uk
<i>Website</i>	www.lnhs.org.uk

Areas of expertise	Butterflies
<i>Name</i>	Leslie Williams
<i>Organisation</i>	London Natural History Society
<i>Email</i>	leslie.williams1597@btinternet.com
<i>Website</i>	www.lnhs.org.uk

Areas of expertise	Vascular plants
<i>Name</i>	Mark Spencer
<i>Organisation</i>	London Natural History Society
<i>Email</i>	Lnhs_plant_recorder@hotmail.co.uk
<i>Website</i>	www.lnhs.org.uk

Areas of expertise	General conservation advice
<i>Name</i>	Conservation Programmes Manager
<i>Organisation</i>	London Wildlife Trust
<i>Email</i>	enquiries@wildlondon.org.uk
<i>Website</i>	www.wildlondon.org.uk

Areas of expertise	Statutory site advice
<i>Name</i>	Conservation Officer
<i>Organisation</i>	Natural England
<i>Email</i>	london@naturalengland.org.uk
<i>Website</i>	www.naturalengland.org.uk

Areas of expertise	London Invasive Species Initiative
<i>Name</i>	Joanna Heisse
<i>Organisation</i>	Environment Agency
<i>Email</i>	Joanna.heisse@environment-agency.gov.uk
<i>Website</i>	www.environment-agency.gov.uk

Areas of expertise	Geological Designations
<i>Organisation</i>	London Geodiversity Partnership
<i>Email</i>	info@londongeopartnership.org.uk
<i>Website</i>	www.londongeopartnership.org.uk

Annex A - MAPS

Statutory Sites Map

SINCs Map

RIGS or LIGS Map

Survey Parcels Map

Open Space Map

Green Belt and Metropolitan Open Land Map



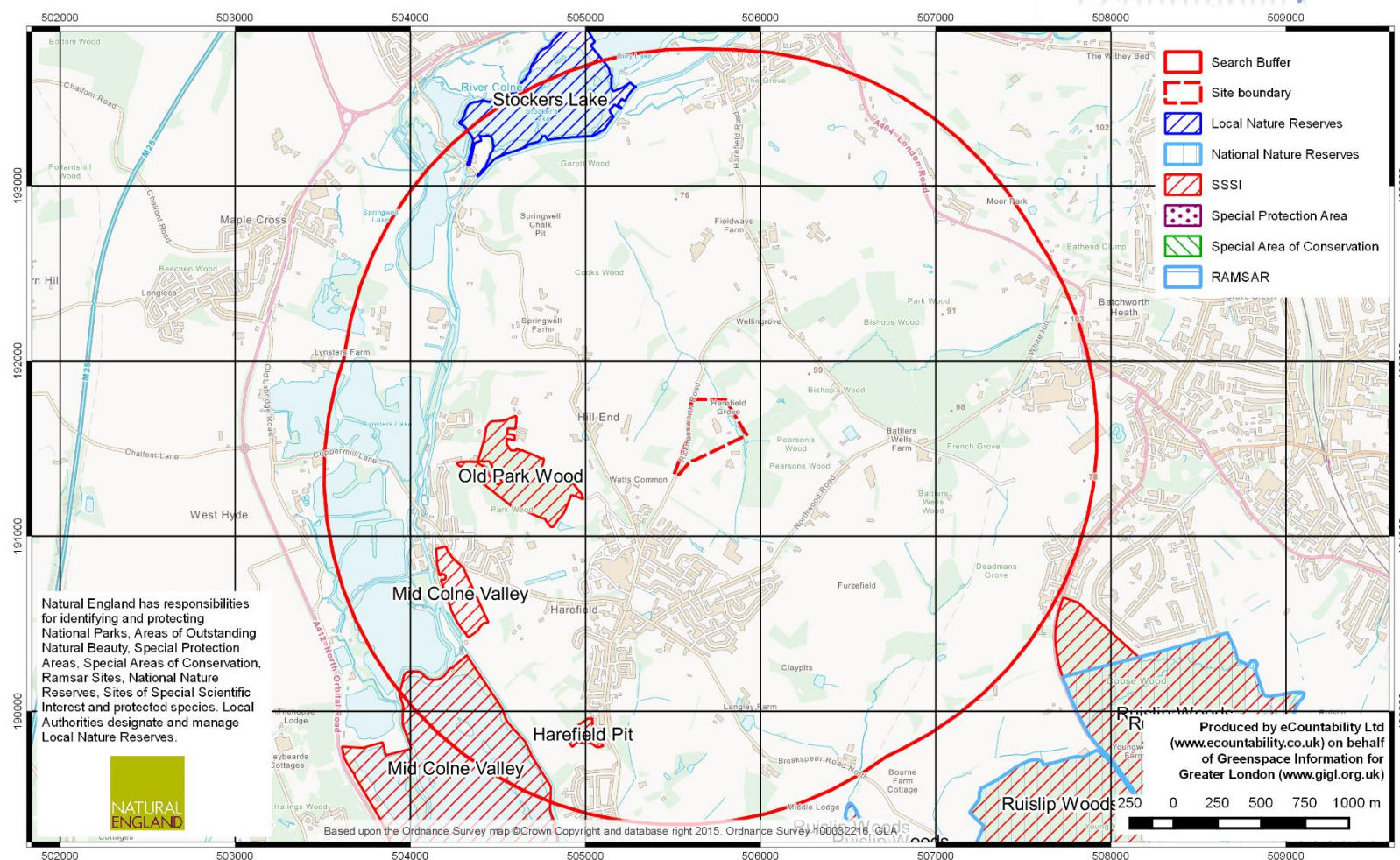
Statutory Site Designations

Ecological Data Search for James Blake Associates
Harefield Grove, Harefield, Uxbridge, 27 June 2020



GiGL Greenspace Information for Greater London CIC
the capital's environmental records centre

eCountability



Sites of Importance for Nature Conservation

Ecological Data Search for James Blake Associates

Harefield Grove, Harefield, Uxbridge, 27 June 2020



GiGL Greenspace Information for Greater London CIC
the capital's environmental records centre

eCountability



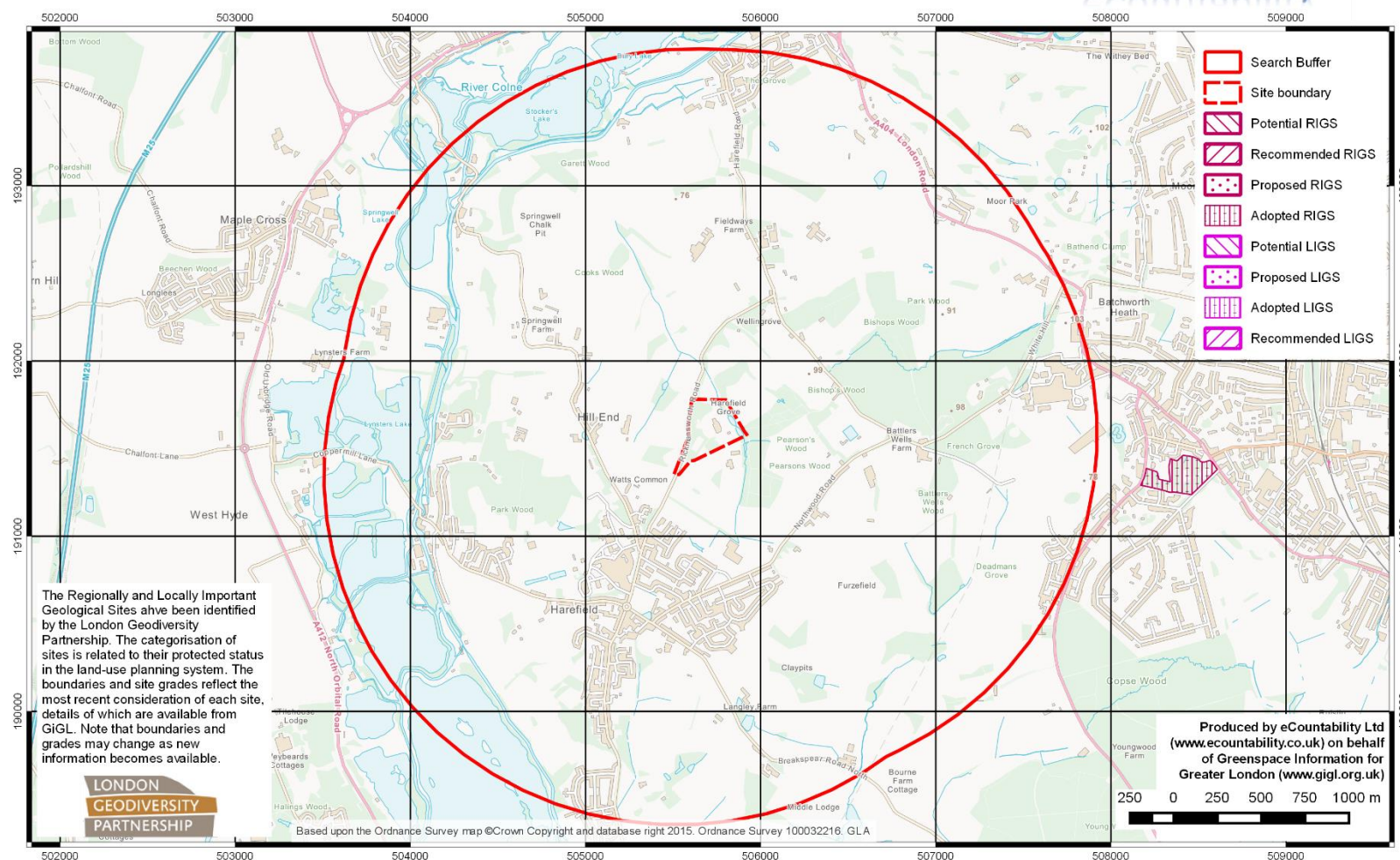
Important Geological/Geomorphological Sites

Ecological Data Search for James Blake Associates
Harefield Grove, Harefield, Uxbridge, 27 June 2020



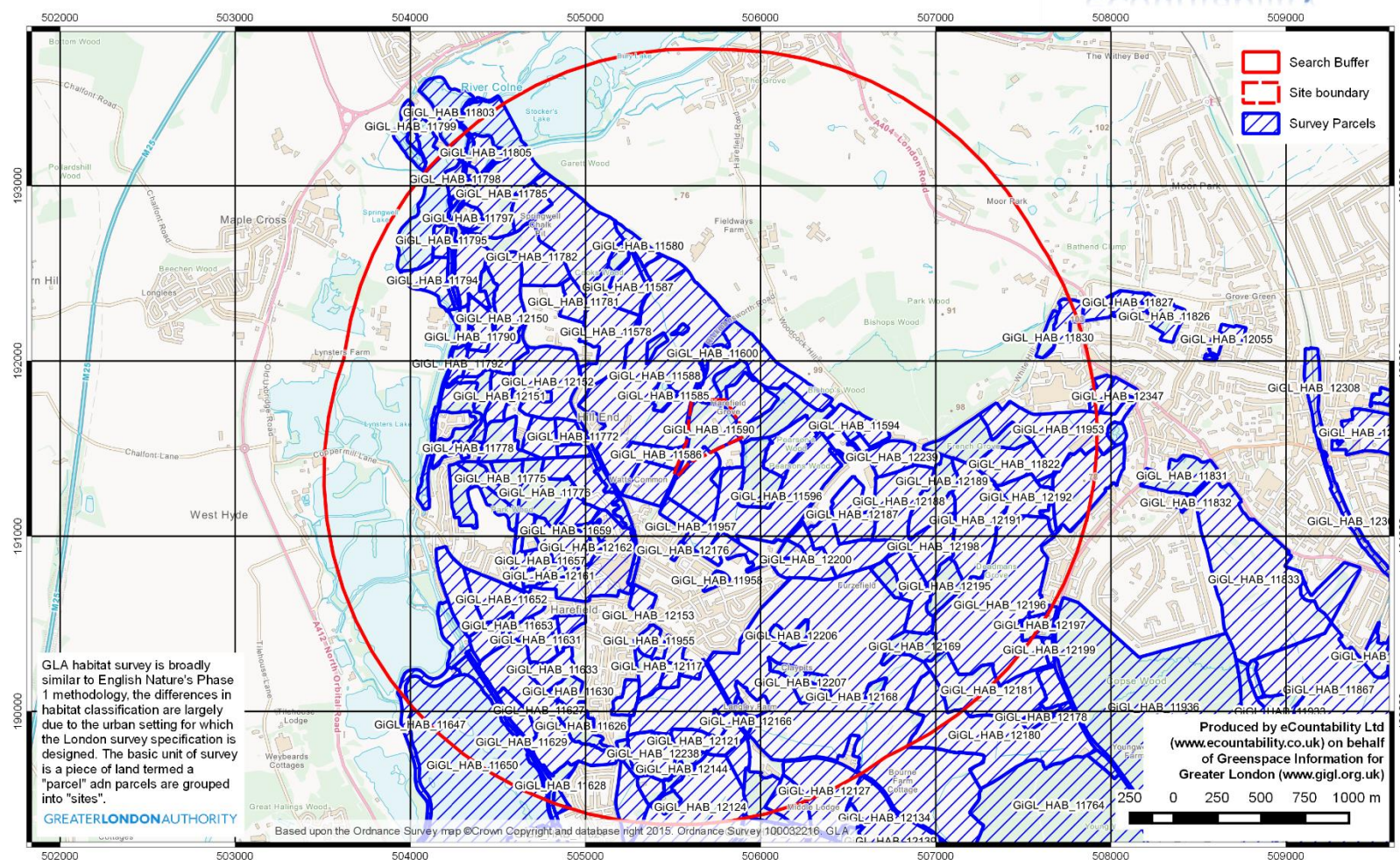
GiGL Greenspace Information for Greater London CIC
the capital's environmental records centre

eCountability



Habitat Survey Parcels

Ecological Data Search for James Blake Associates
Harefield Grove, Harefield, Uxbridge, 27 June 2020



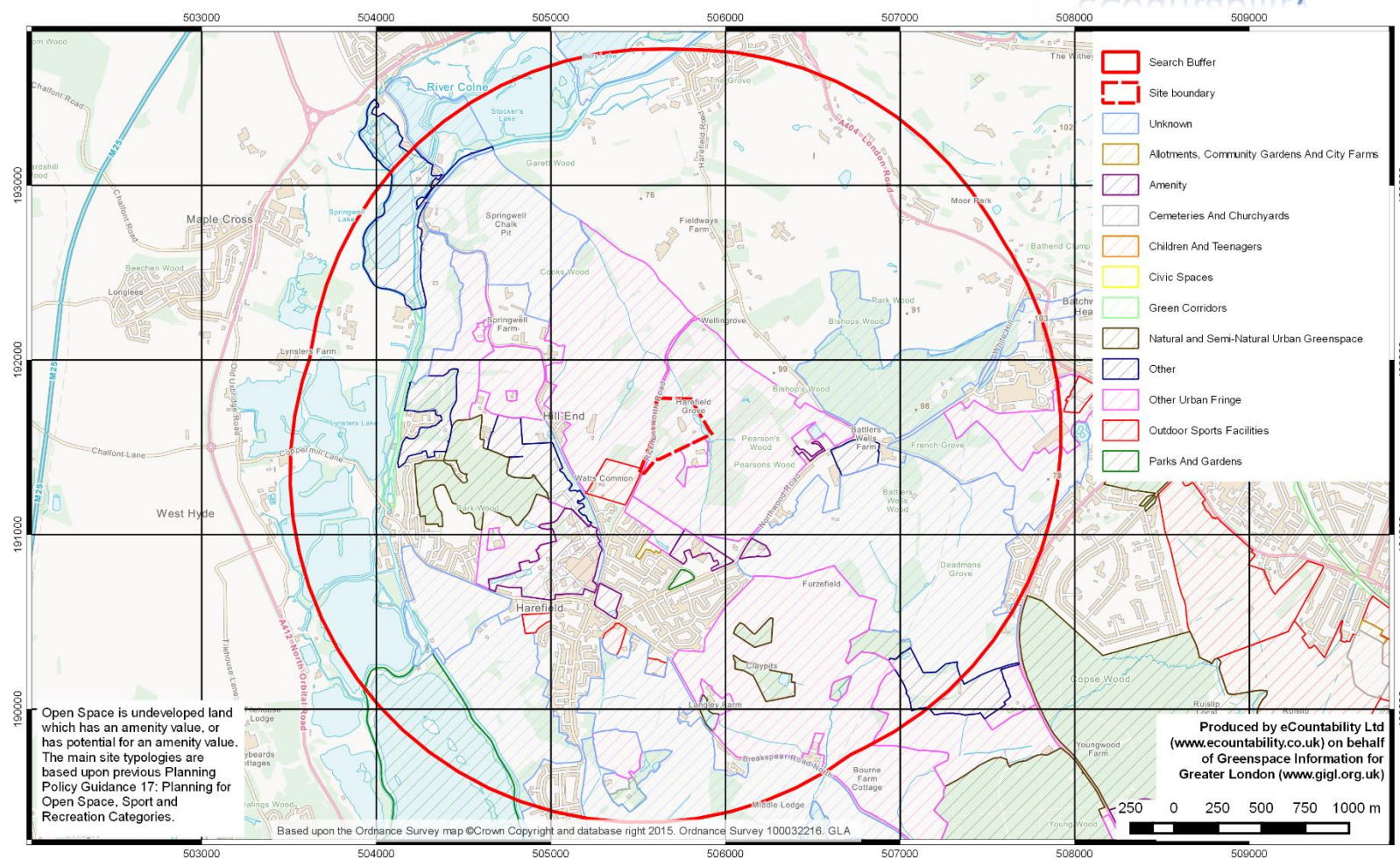
Open Spaces

Ecological Data Search for James Blake Associates
Harefield Grove, Harefield, Uxbridge, 27 June 2020



GiGL Greenspace Information for Greater London CIC
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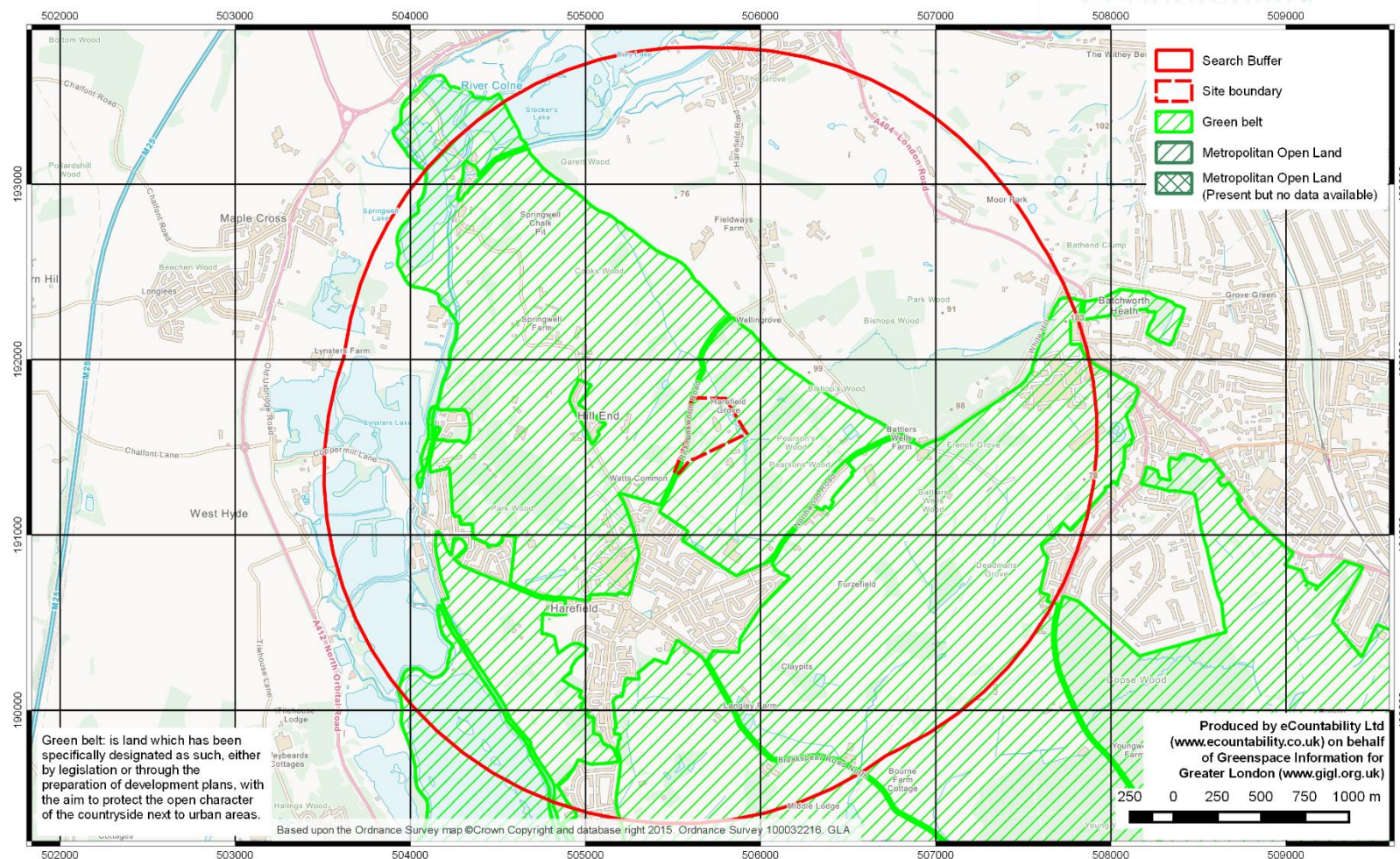
Green Belt

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GiGL Data Holdings Check

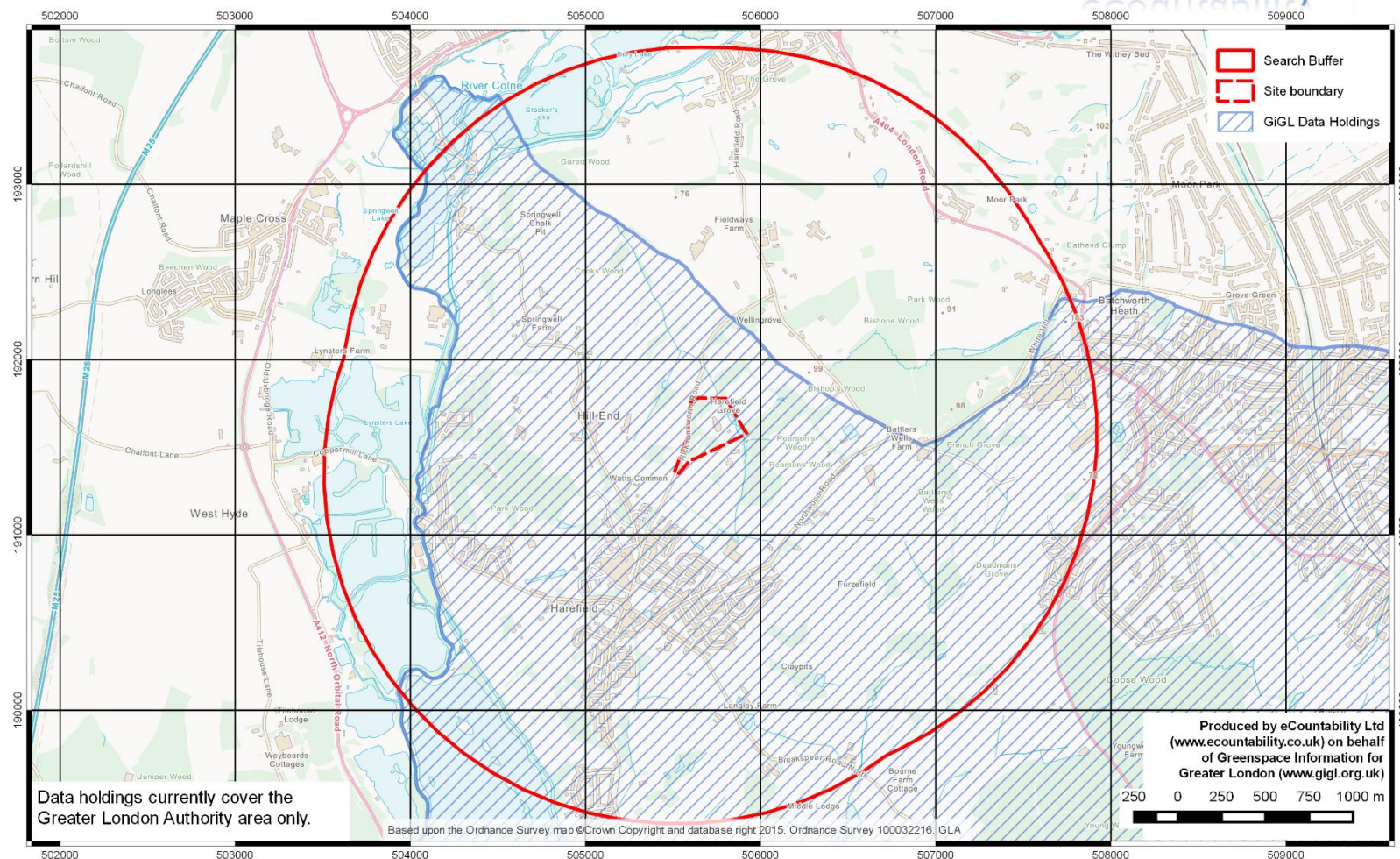
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Statutory Site Designations

Local Nature Reserve (LNR)

Land owned, leased or managed by Local Authorities and designated under the National Parks and Access to the Countryside Act. A site of some nature conservation value managed for educational objectives — no need for SSSI status. In some cases it is managed by a non-statutory body (e.g. London Wildlife Trust). Local Authorities have the power to pass bylaws controlling (e.g.) access, special protection measures.

Site of Special Scientific Interest (SSSI)

Area notified under the Wildlife and Countryside Act, 1981, by English Nature, the Countryside Council for Wales or Scottish Heritage as being of special interest for nature conservation. Consultation and some form of agreement with the national statutory conservation agency is mandatory before any listed, potentially damaging development, change in land use, etc. can be carried out. SSSI notification forms the statutory bedrock for site protection, although experience has shown that even SSSIs are not sacrosanct.

Biological SSSIs form a national network of wildlife sites in which each site is a distinct discrete link. Sites are selected in such a way that the protection of each site, and hence the network, aims to conserve the minimum area of wildlife habitat necessary to maintain the natural diversity and distribution of Britain's native flora and fauna and the communities they comprise. Each site, therefore, is of national significance for its nature conservation value. The vast majority of SSSIs, and indeed most areas of semi-natural habitat, cannot be created within human time scales and are therefore considered irreplaceable.

Geological SSSIs—more correctly termed Earth Science SSSIs—are the best sites chosen for their research value, the criterion being that they are of national or international importance. Earth Science conservation is concerned with the maintenance of our geological and geomorphological heritage.

National Nature Reserve (NNR)

Statutory reserve established for the nation under the Wildlife and Countryside Act, 1981. NNRs may be owned by a relevant national body (e.g. English Nature in England) or by established agreement; a few are owned and managed by non-statutory bodies. NNRs cover a selection of the most important sites for nature conservation in the UK.

Special Area of Conservation (SAC) and Special Protection Area (SPA)

SACs and SPAs are areas designated under European law and are the most important sites for wildlife in the UK. SACs are designated under the European Habitats Directive (Council Directive 92/43/EEC) and SPAs under the European Birds Directive (Council Directive 79/409/EEC). Both the Habitats and Birds Directive provide for the creation of a network of protected wildlife areas across the EU, to be known as “Natura 2000”. The designations aim to conserve important or threatened species and habitats and provide them with increased protection and management.

Ramsar sites

Ramsar sites are wetlands of international importance designated under the Ramsar Convention. The initial emphasis was on selecting sites of importance to waterbirds within the UK, and consequently many Ramsar sites are also Special Protection Areas (SPAs) classified under the Birds Directive. Non-bird features are now increasingly taken into account, both in the selection of new sites and when reviewing existing sites.



SINC Designations

Sites of Importance for Nature Conservation

1 The different kinds of sites and areas

- 1.1 There are three kinds of site, which are chosen on the basis of their importance to a particular defined geographic area. This use of search areas is an attempt, not only to protect the best sites in London, but also to provide each part of London with a nearby site, so that people are able to have access to enjoy nature.

Sites of Metropolitan Importance

- 1.2 Sites of Metropolitan Importance for Nature Conservation are those sites which contain the best examples of London's habitats, sites which contain particularly rare species, rare assemblages of species or important populations of species, or sites which are of particular significance within otherwise heavily built-up areas of London.
- 1.3 They are of the highest priority for protection. The identification and protection of Metropolitan Sites is necessary, not only to support a significant proportion of London's wildlife, but also to provide opportunities for people to have contact with the natural environment.
 - 1.3.1 The best examples of London's habitats include the main variants of each major habitat type, for example hornbeam woodland, wet heathland, or chalk downland. Habitats typical of urban areas are also included, e.g. various types of abandoned land colonised by nature ('wasteland' or 'unofficial countryside'). Those habitats which are particularly rare in London may have all or most of their examples selected as Metropolitan Sites.
 - 1.3.2 Sites of Metropolitan Importance include not only the best examples of each habitat type, but also areas which are outstanding because of their assemblage of habitats, for example the Crane corridor, which contains the River Crane, reservoirs, pasture, woodland and heathland.
 - 1.3.3 Rare species include those that are nationally scarce or rare (including Red Data Book species) and species which are rare in London.
 - 1.3.4 A small number of sites are selected which are of particular significance within heavily built up areas of London. Although these are of lesser intrinsic quality than those sites selected as the best examples of habitats on a London-wide basis they are outstanding oases and provide the opportunity for enjoyment of nature in extensive built environments. Examples include St James's Park, Nunhead Cemetery, Camley Street Natural Park and Sydenham Hill Woods. In some cases (e.g. inner London parks) this is the primary reason for their selection. For sites of higher intrinsic interest it may only be a contributory factor. Only those sites that provide a significant contribution to the ecology of an area are identified.
 - 1.3.5 A small number of sites are selected which are of particular significance within heavily built up areas of London. Although these are of lesser intrinsic quality than those sites selected as the best examples of habitats on a Londonwide basis they are outstanding oases and provide the opportunity for enjoyment of nature in extensive built environments. Examples include St James's Park, Nunhead Cemetery, Camley Street Natural Park and Sydenham Hill Woods. In some cases (e.g. inner London parks) this is the



primary reason for their selection. For sites of higher intrinsic interest it may only be a contributory factor. Only those sites that provide a significant contribution to the ecology of an area are identified.

- 1.4 Should one of these sites be lost or damaged, something would be lost which exists in a very few other places in London. Management of these sites should as a first priority seek to maintain and enhance their interest, but use by the public for education and passive recreation should be encouraged unless these are inconsistent with nature conservation.

Sites of Borough Importance

- 1.5 These are sites which are important on a borough perspective in the same way as the Metropolitan sites are important to the whole of London. Although sites of similar quality may be found elsewhere in London, damage to these sites would mean a significant loss to the borough. As with Metropolitan sites, while protection is important, management of Borough sites should usually allow and encourage their enjoyment by people and their use for education.
- 1.6 In defining Sites of Borough Importance, the search is not confined rigidly to borough boundaries; these are used for convenience of defining areas substantially smaller than the whole of Greater London, and the needs of neighbouring boroughs should be taken into account. In the same way as for Sites of Metropolitan Importance, parts of some boroughs are more heavily built-up and some borough sites are chosen there as oases providing the opportunity for enjoyment of nature in extensive built environments.
- 1.7 Planning Policy Statement on Biodiversity and Geological Conservation (2005), in paragraph 5 (i), states that local development frameworks should indicate the location of designate sites for biodiversity and geodiversity, including locally designated sites..
- 1.8 Since essentially a comparison within a given borough is made when choosing Sites of Borough Importance, there is considerable variation in quality between those for different boroughs; for example, those designated in Barnet will frequently be of higher intrinsic quality than those in Hammersmith and Fulham, a borough comparatively deficient in wildlife habitat. Only those sites that provide a significant contribution to the ecology of an area are identified.

Sites of Local Importance

- 1.9 A Site of Local Importance is one which is, or may be, of particular value to people nearby (such as residents or schools). These sites may already be used for nature study or be run by management committees mainly composed of local people. Where a Site of Metropolitan or Borough Importance may be so enjoyed it acts as a Local site, but further sites are given this designation in recognition of their role. This local importance means that these sites are also deserving protection in planning.
- 1.12 Local sites are particularly important in areas otherwise deficient in nearby wildlife sites. To aid the choice of these further local sites, Areas of Deficiency (see below) are identified. Further Local sites are chosen as the best available to alleviate this deficiency; such sites need not lie in the Area of Deficiency, but should be as near to it as possible. Where no such sites are available, opportunities should be taken to provide them by habitat enhancement or creation, by negotiating access and management agreements, or by direct acquisition. Only those sites that provide a significant contribution to the ecology of an area are identified.

Areas of Deficiency



Areas of Deficiency are defined as built-up areas more than one kilometre actual walking distance from an accessible Metropolitan or Borough site. These aid the choice of Sites of Local Importance (see above).



Geological Designations

Regionally Important Geological/geomorphological Sites (RIGS) and Locally Important Geological Sites (LIGS)

Government guidance uses the term *Local Sites* for non-statutory geological sites, as distinct from the Sites of Special Scientific Interest [SSSIs] which are protected by government statute.

- In England they are often called *Local Geological Sites*.
- In Scotland they are often called *Local Geodiversity Sites*.
- In Wales they are called *Regionally Important Geodiversity Sites*.

NOTE: The term *Regionally Important Geological/geomorphological Sites (RIGS)*, which has been in usage now for many years and is still used to describe Local Geological/geodiversity Sites, should be regarded as synonymous to Local Geological Sites. In London, the term RIGS has been retained to cover those sites that are worthy of protection for their geodiversity importance at the London-wide level.

RIGS were established in 1990 by the Nature Conservancy Council (NCC) (predecessor of English Nature and Natural England). They have support from Natural England and other national agencies, and are increasingly recognised by local planning authorities. To date RIG Sites have been selected by voluntary groups, Local geoconservation groups (lately known as RIGS groups), which are generally formed by county or by unitary authority area in England. There are more than 50 local groups in the UK, though not all are active. There are 3 active groups in London, South London RIGS, North West London RIGS and GeoEssex, but to date no RIGS have been formally designated in Greater London.

RIGS are currently the most important designated places for geology and geomorphology outside statutorily protected land such as SSSIs. The designation of RIGS is one way of recognising and protecting important geodiversity and landscape features for future generations to enjoy. RIGS are equivalent to local Wildlife Sites and other non-statutory wildlife designations. They can be listed in local authorities' development plans and shown on "alert maps". RIGS can be protected through the planning system if a RIGS group recommends sites to the local planning authority.

Guidance on RIGS is available on the GeoconservationUK website (www.geoconservationuk.org.uk). They are important as an educational, historical and recreational resource. Sites are selected according to:

- the value for educational purposes in life-long learning
- the value for study both by professional and amateur earth scientists
- the historical value in terms of important advances in Earth science knowledge, events or human exploitation
- the aesthetic value in the landscape, particularly in relation to promoting public awareness and appreciation of geodiversity.

RIGS can be viewed as equivalent to Sites of Metropolitan Importance for Nature Conservation (SMIs), which include land of strategic importance for nature conservation and biodiversity across London. They are proposed by the Boroughs in Development plan documents and are confirmed if there is no objection from the Mayor to the proposal. These sites should be protected as set out in Policy 3D.16 of the London Plan.

The London boroughs may also designate certain areas as being of local conservation (including geological) interest (LIGS). The criteria for inclusion, and the level of protection provided, should reflect the local level of importance in the hierarchy of sites.



LIGS are equivalent to Sites of Borough or Local Importance for nature conservation, which are accorded a level of protection commensurate with their borough or local significance. Local site networks provide a comprehensive rather than a representative suite of sites. Defra have published detailed guidance on identification, selection and management of local sites (DEFRA, 2006).

LIGS are designated in the Development Plan Documents prepared under the Town and Country Planning system by the London boroughs and are a material consideration when planning applications are being determined.

The London Plan Implementation Report *London's foundations* (March 2009) describes the geodiversity audit of 36 sites (including the 7 London SSSIs designated for their geodiversity importance). 14 sites were recommended for designation as RIGS and 15 as LIGS. Since publication of *London's foundations*, the London Geodiversity Partnership has published the London Geodiversity Action Plan, which includes a programme of inspection and audit of these sites and other potential sites (98 listed in *London's foundations*) to manage and conserve London's geodiversity.



Species Protections

GiGL has used the conservations designations list created and maintained by the Joint Nature Conservation Committee (JNCC) and used the following designations in the data search report.

International and national legislation

International Legislation	
Birds Directive Annex 1	Birds which are the subject of special conservation measures concerning their habitat in order to ensure their survival and reproduction in their area of distribution. As appropriate, Special Protection Areas to be established to assist conservation measures. Note that the contents of this annex have been updated in April 2003 following the Treaty of Accession.
Habitats Directive Annex 2 - priority species	Species which are endangered, the conservation of which the Community has a particular responsibility in view of the proportion of their natural range which falls within the territory of the Community. They require the designation of special areas of conservation.
Habitats Directive Annex 2 - non-priority species	Animal and plant species of Community interest (i.e. endangered, vulnerable, rare or endemic in the European Community) whose conservation requires the designation of special areas of conservation. Note that the contents of this annex have been updated in April 2003 following the Treaty of Accession.
Habitats Directive Annex 4	Animal and plant species of Community interest (i.e. endangered, vulnerable, rare or endemic in the European Community) in need of strict protection. They are protected from killing, disturbance or the destruction of them or their habitat. Note that the contents of this annex have been updated in April 2003 following the Treaty of Accession.
National Legislation	
The Conservation (Natural Habitats, &c.) Regulations 2010 (Schedule 2)	Schedule 2- European protected species of animals.
The Conservation (Natural Habitats, &c.) Regulations 2010 (Schedule 5)	Schedule 5- European protected species of plants.
Natural Environment and Rural Communities Act 2006 - Species of Principal Importance in England	Species "of principal importance for the purpose of conserving biodiversity" covered under section 41 (England) of the NERC Act (2006) and therefore need to be taken into consideration by a public body when performing any of its functions with a view to conserving biodiversity.
Wildlife and Countryside Act 1981 (Schedule 1 Part 1)	Birds which are protected by special penalties at all times.
Wildlife and Countryside Act 1981 (Schedule 5 Section 9.1 (killing/injuring))	Animals which are protected from intentional killing or injuring.
Wildlife and Countryside Act 1981 (Schedule 5 Section 9.1 (taking))	Section 9.1 Animals which are protected from taking.



Wildlife and Countryside Act 1981 (Schedule 5 Section 9.4a)	Section 9.4 Animals which are protected from intentional damage or destruction to any structure or place used for shelter or protection.
Wildlife and Countryside Act 1981 (Schedule 5 Section 9.4b)	Section 9.4 Animals which are protected from intentional disturbance while occupying a structure or place used for shelter or protection.
Wildlife and Countryside Act 1981 (Schedule 5)	Cetacean/basking shark that are not allowed to be intentionally or recklessly disturbed.
Wildlife and Countryside Act 1981 (Schedule 8)	Plants which are protected from intentional picking, uprooting or destruction (Section 13 1a); selling, offering for sale, possessing or transporting for the purpose of sale (live or dead, part or derivative) (Section 13 2a); advertising (any of these) for buying or selling (Section 13 2b).
Protection of Badgers Act (1992)	The Protection of Badgers Act 1992 protects badgers from taking, injuring, killing, cruel treatment, selling, possessing, marking and having their setts interfered with, subject to exceptions.

Notable and other species designations

Red Data List	
Bird Population Status - red	Red list species are those that are Globally Threatened according to IUCN criteria; those whose population or range has declined rapidly in recent years; and those that have declined historically and not shown a substantial recent recovery.
IUCN (2001) - Critically endangered	A taxon is Critically Endangered when the best available evidence indicates that it meets any of the criteria A to E for Critically Endangered (see Section V), and it is therefore considered to be facing an extremely high risk of extinction in the wild.
IUCN (2001) - Data Deficient	A taxon is Data Deficient when there is inadequate information to make a direct, or indirect, assessment of its risk of extinction based on its distribution and/or population status. A taxon in this category may be well studied, and its biology well known, but appropriate data on abundance and/or distribution are lacking. Data Deficient is therefore not a category of threat. Listing of taxa in this category indicates that more information is required and acknowledges the possibility that future research will show that threatened classification is appropriate. It is important to make positive use of whatever data are available. In many cases great care should be exercised in choosing between DD and a threatened status. If the range of a taxon is suspected to be relatively circumscribed, and a considerable period of time has elapsed since the last record of the taxon, threatened status may well be justified.
IUCN (2001) - Endangered	A taxon is Endangered when the best available evidence indicates that it meets any of the criteria A to E for Endangered (see Section V), and it is therefore considered to be facing a very high risk of extinction in the wild.
IUCN (2001) - Extinct	A taxon is Extinct when there is no reasonable doubt that the last individual has died. A taxon is presumed Extinct when exhaustive surveys in known and/or expected habitat, at appropriate times (diurnal, seasonal, annual), throughout its historic range have failed to record an individual. Surveys should be over a time frame appropriate to the taxon's life cycle and life form.



IUCN (2001) - Extinct in the wild	A taxon is Extinct in the wild in Great Britain when it is known to survive only in cultivation, in captivity or as a naturalised population (or populations) well outside the past range. A taxon is presumed extinct in the wild when exhaustive surveys in known and/or expected habitat, at appropriate times (diurnal, seasonal, annual) throughout its range have failed to record an individual. Surveys should be over a time frame appropriate to the taxon's life cycle and life form.
IUCN (2001) - Regionally Extinct	Category for a taxon when there is no reasonable doubt that the last individual potentially capable of reproduction within the region has died or has disappeared from the wild in the region, or when, if it is a former visiting taxon, the last individual has died or disappeared in the wild from the region. The setting of any time limit for listing under RE is left to the discretion of the regional Red List authority, but should not normally pre-date 1500 AD.
IUCN (2001) - Lower risk - near threatened	A taxon is Near Threatened when it has been evaluated against the criteria but does not qualify for Critically Endangered, Endangered or Vulnerable now, but is close to qualifying for or is likely to qualify for a threatened category in the near future.
IUCN (2001) - Vulnerable	A taxon is Vulnerable when the best available evidence indicates that it meets any of the criteria A to E for Vulnerable (see Section V), and it is therefore considered to be facing a high risk of extinction in the wild.
Other rare/scarce	
Nationally rare marine species	Species which occur in eight or fewer 10km X 10km grid squares containing sea (or water of marine saline influence) within the three mile territorial limit.
Nationally rare	Occurring in 15 or fewer hectads in Great Britain. Excludes rare species qualifying under the main IUCN criteria.
Nationally scarce marine species	Species which occur in nine to 55 10km X 10km grid squares containing sea (or water of marine saline influence) within the three mile territorial limit.
Nationally Notable A	Taxa which do not fall within RDB categories but which are none-the-less uncommon in Great Britain and thought to occur in 30 or fewer 10km squares of the National Grid or, for less well-recorded groups, within seven or fewer vice-counties. Superseded by Nationally Scarce, and therefore no longer in use.
Nationally Notable B	Taxa which do not fall within RDB categories but which are none-the-less uncommon in Great Britain and thought to occur in between 31 and 100 10km squares of the National Grid or, for less-well recorded groups between eight and twenty vice-counties. Superseded by Nationally Scarce, and therefore no longer in use.
Nationally scarce	Occurring in 16-100 hectads in Great Britain.
Nationally Notable	Species which are estimated to occur within the range of 16 to 100 10km squares. (subdivision into Notable A and Notable B is not always possible because there may be insufficient information available). Superseded by Nationally Scarce, and therefore no longer in use.
UK BAP	
UK Biodiversity Action Plan priority species	The UK List of Priority Species and Habitats contains 1150 species and 65 habitats that have been listed as priorities for conservation action under the UK Biodiversity Action Plan (UK BAP).
Local List	



London Species of Conservation Concern	London Biodiversity Partnership listed some 300 species of conservation interest occurring in London.
London BAP Priority species	See below.



London Biodiversity Action Plan Species

Rationale for selecting priority species for action

1. Background

The *Greater London Authority Act 1999* requires the elected Mayor to produce a Spatial Development Strategy for London, called the London Plan. The London Plan is the overall strategic plan for London, and it sets out a fully integrated economic, environmental, transport and social framework for the development of the capital to 2031. It forms part of the development plan for Greater London. London boroughs' local plans need to be in general conformity with the London Plan, and its policies guide decisions on planning applications by councils and the Mayor. From 22 July 2011 this replaces the London Plan (consolidated with alterations since 2004 which was published in February 2008).

The London Plan includes an important policy (7.19) Biodiversity and Access to Nature, which links to policies and proposals on approaches to strategic planning in the Mayor's Biodiversity Strategy¹. Policy 7.19 contains the following statement;

The Mayor's Biodiversity Strategy² sets out criteria and procedures for identifying land of importance for London's biodiversity for protection in LDFs and identifying areas of deficiency in access to nature. Protecting the sites at all levels, serves to protect the significant areas of Biodiversity Action Plan (BAP) priority habitat in London and most priority species. However, protection of biodiversity outside designated sites will also be needed. The Mayor and the London Biodiversity Partnership have identified targets in Table 7.3 for the re-creation and restoration of priority habitats, as recommended in PPS 9: Biodiversity and Geological Conservation³.

This policy is employed by the Mayor of London when considering those larger planning applications referred to him for direction under the *Town and Country Planning (Mayor of London) Order 2000*. Also the London Unitary Development Plans and, increasingly with time, the new Local Development Frameworks of the London Boroughs have to be in general conformity with the London Plan. It is through these local policies that most protection of priority species will occur. The planning protection for priority species should be equivalent to that applying to statutory protected species, although of course development planning can only provide protection from planning-related activities.

The London Biodiversity Partnership (LBP) published its original Audit of habitats and species in 2000. This lists all habitats of interest in London, as these relate to the UK BAP. The Audit also lists some 300 species of conservation interest occurring in London. All of these could not practically be considered as priorities for conservation action in the London BAP. Importantly, the LBP has adopted a practical approach to species conservation, whereby action for species should be considered and incorporated within the action proposed for their relevant habitats whenever possible. Species Action Plans have been produced only for prioritised species that are not so conveniently habitat-specific.

¹ *Connecting with London's nature, The Mayor's Biodiversity Strategy*, GLA July 2002

² *Mayor of London. The Mayor's Biodiversity Strategy- connecting with Nature. GLA 2005*

³ *ODPM PPS9. Biodiversity and geological conservation. 2005*



2. The evaluation process

2.2 Priority Species in London

From the list of Species of Conservation Concern in Greater London, our Priority BAP Species have been identified.

Criteria for selection of UK BAP Priority Species are as follows:

- Species that are globally threatened;
- Species that are rapidly declining in the UK, ie. by more than 50% in the last 25 years.

In accordance with national guidance, London BAP Priority Species must include;

- All UK BAP Priority Species with native or long-established naturalised populations in Greater London.

Further species have been selected using the following criteria;

- Species for which Species Action Plans are currently being implemented in the London BAP;
- Nationally threatened (Red Data listed) species with native or long-established naturalised populations in Greater London;
- UK SCC and declining Nationally Scarce species with significant⁴ native or long-established naturalised populations within Greater London, (ie. for which a regional responsibility for conservation may be clearly demonstrated).
- Species with native or long-established naturalised populations that are known to have undergone a recent significant decline in Greater London, or for which Greater London holds the majority of the known UK population.

⁴ for example: the only population within its 10km grid square; a population at the edge of a declining species' UK range; a constituent of an isolated UK population; an exceptionally strong core area population



Confidential Records

GiGL holds some species records that are confidential. The fundamental principle is of making available all records, no matter how sensitive, with the appropriate interpretation. However, access to records will be restricted where general availability could pose a real threat to species or habitats, or would compromise the supply of data.

Data supplied in the search reports will be included at the resolution defined either by GiGL Records Advisory Group and / or by the data owner/originator.

The following is the list of species and groups that are treated as confidential.

Common Name	Scientific Name	Additional comments
Badger	<i>Meles meles</i>	All records
Adder	<i>Vipera berus</i>	All records
Garganey	<i>Anas querquedula</i>	Records from April -July only
Pochard	<i>Aythya ferina</i>	Records from April -July only
Quail	<i>Coturnix coturnix</i>	All records
Red-necked Grebe	<i>Podiceps grisegena</i>	Records from April -July only
Black-necked Grebe	<i>Podiceps nigricollis</i>	Records from April -July only
Little Egret	<i>Egretta garzetta</i>	Records from April -July only
Honey Buzzard	<i>Pernis apivorus</i>	Records from April -July only
Red Kite	<i>Milvus milvus</i>	Records from April -July only
Marsh Harrier	<i>Circus aeruginosus</i>	Records from April -July only
Goshawk	<i>Accipiter gentilis</i>	All records
Common Buzzard	<i>Buteo buteo</i>	Records from April -July only
Hobby	<i>Falco subbuteo</i>	All records
Peregrine Falcon	<i>Falco peregrinus</i>	All records
Avocet	<i>Recurvirostra avosetta</i>	Records from April -July only
Little Ringed Plover	<i>Charadrius dubius</i>	Records from April -July only
Ruff	<i>Philomachus pugnax</i>	Records from April -July only
Common Snipe	<i>Gallinago gallinago</i>	Records from April -July only
Turtle Dove	<i>Streptopelia turtur</i>	Records from April -July only
Barn Owl	<i>Tyto alba</i>	All records
Long-eared Owl	<i>Asio otus</i>	All records
Short-eared Owl	<i>Asio flammeus</i>	Records from April -July only
Nightjar	<i>Caprimulgus europaeus</i>	All records
Woodlark	<i>Lullula arborea</i>	All records
Tree Pipit	<i>Anthus trivialis</i>	Records from April-July only
Black Redstart	<i>Phoenicurus ochruros</i>	Records from April -July only
Cetti's Warbler	<i>Cettia cetti</i>	All records
Marsh Warbler	<i>Acrocephalus palustris</i>	All records
Dartford Warbler	<i>Sylvia undata</i>	All records
Firecrest	<i>Regulus ignicapilla</i>	Records from April -July only
Bearded Tit	<i>Panurus biarmicus</i>	All records
Willow Tit	<i>Poecile montanus</i>	All records
Marsh Tit	<i>Poecile palustris</i>	Records from April -July only
Golden Oriole	<i>Oriolus oriolus</i>	All records
Hawfinch	<i>Coccothraustes coccothraustes</i>	All records
Corn Bunting	<i>Miliaria calandra</i>	All records
Lesser-spotted Woodpecker	<i>Dendrocopos minor</i>	Records from April -July only
Lizard orchid	<i>Himantoglossum hircinum</i>	All records
Cannabis	<i>Cannabis sativa</i>	All records



London Invasive Species Initiative overview

The London Invasive Species Initiative (LISI)

The London Invasive Species Initiative encourages better co-ordination and partnership working to prevent, reduce and eliminate the impacts caused by invasive non-native species across the city. It is a sub-group of the London Biodiversity Partnership and has a wide membership, spanning several sectors and organisations.

LISI sub-group

Invasive non-native species are widely recognised as a major threat to biodiversity, second only to habitat loss. They can also have serious economic impacts and impacts on social, health and amenity resources.

Following on from the creation of the GB Non-Native Species Co-ordinating Mechanism, DEFRA published the 'Invasive Non-native species framework strategy for GB' in 2008. Parallel to this, a number of regional initiatives have been set up across the country which helps implement the various policy documents at a regional and sub-regional level. As such, a London Invasive Species Initiative has been formed to work within this context.

There are many species present in London, most of the non-native species do not pose a threat to biodiversity and add to the individuality and richness of London's wildlife and heritage. However, there are some invasive non-native species which are a cause for concern, some of which are already threatening the value of London's natural environment. Uniquely, the highly urbanised nature of London and the anticipated impacts of climate change are likely to exacerbate the effects of invasive non-native species. Finally, London is an international city and has a higher risk of new non-native species appearing and becoming invasive than some other areas.

The presence of a LISI species on or near a site has the following implications:

- The presence of an invasive species may threaten the ecological value of a site and cause additional socio-economic impacts.
- There is a statutory requirement under the Wildlife and Countryside Act 1981 to ensure that non-native species are not introduced or spread in the wild. Species listed in Schedule 9 of the act are known to be established in the wild and care should be taken to ensure that where present, these are not spread through site activities.
- In addition to establishing appropriate biosecurity measures, management may be required to eradicate, control or mitigate the species.

The LISI group was set up as a sub-group of the London Biodiversity Partnership in late 2009 and has since worked on prioritising species for London, providing advice, raising awareness and co-ordinating action on the ground.

Group membership is open to all interested organisations with an interest in invasive non-native species, particularly those seeking to work in partnership to tackle the problems caused by them. The Environment Agency currently chairs the group.

Joining the LISI group will enable:

- A more efficient and co-ordinated approach to tackling invasive non-native species, including practical action on the ground.
- A more co-ordinated approach will enable organisations to have up to date data on distribution and spread of invasive non-native species as well as work more closely with local groups and organisations to tackle these issues. This will lead to a reduction in resources spent in some locations in the long term.
- Habitat and environmental enhancements.



- Partnership work.

The group's objectives

The LISI objectives mirror the Convention for Biological Diversity's "guiding principles of prevention, detection/surveillance and control/eradication of invasive species" and cover the following points:

- Collating and monitoring data on the distribution and spread of invasive species in London.
- Developing action plans to address the species of most urgent concern.
- Facilitating control and eradication projects for high priority species.
- Providing a link between research and practitioners (to help to support the evidence base for invasive species impacts and/or control measures).
- Act as an early warning system for new and emerging invasive species.
- Promoting awareness of the risks and impacts associated with invasive species.

LISI species of concern

A list of invasive non-native species of concern for London has been drawn up using several sources of information: Schedule 9 of the Wildlife and Countryside Act 1981, The UK Water Framework Directive Technical Advisory Group's invasive species list and local knowledge. The resulting list presents a number of species either present in London and causing impacts for which action, monitoring or research is needed. The highest priority for London is also the prevention of new species arriving, particularly those for which national alerts are in place through the GB Non-Native Species Secretariat.

Each species has been assigned a category for action as follows:

1. Species not currently present in London but present nearby or of concern because of the high risk of negative impacts should they arrive. Should any species listed in this category appear in London, this should be reported to GIGL or LISI to ensure that action is taken rapidly.
2. Species of high impact or concern present at specific sites that require attention (control, management, eradication etc). Such species are priority species for action in London and LISI encourages this wherever possible.
3. Species of high impact or concern which are widespread in London and require concerted, coordinated and extensive action to control/eradicate. These species are species currently causing large scale impacts across London and LISI supports area or catchment wide partnership working to ensure this.
4. Species which are widespread for which eradication is not feasible but where avoiding spread to other sites may be required. Appropriate biosecurity is required for sites where these species are found.
5. Species for which insufficient data or evidence was available from those present to be able to prioritise.
6. Species that were not currently considered to pose a threat or have the potential to cause problems in London.

Further information:

For further information relating to LISI please contact – enquiries@londonisi.org.uk

For further guidance on invasive non-native species, including management guidance and advice, please see the GB Non-Native Species Secretariat:

<https://secure.fera.defra.gov.uk/nonnativespecies/home/index.cfm>



Habitat Classifications

The habitat data includes the most recent habitat survey information for a given area. The data includes information collected using different habitat surveying methodologies.

GLA habitat surveys

The GLA conducted a series of rolling habitat surveys between the mid-1980s and 2009. It used the habitat typologies developed specifically for Greater London.

1 Survey information

- 1.1 In order to choose sites for protection it is necessary to have good survey information on the habitats and species of all candidate areas.

The London Wildlife Habitat Survey

- 1.2 Information on wildlife habitats can be collected in a standardised, comprehensive survey. We are fortunate in London in having such a survey, first carried out by the London Wildlife Trust for the Greater London Council in 1984/85, and updated and extended in various surveys since, including re-examination of sites to be described in the handbook series or in relation to proposed developments or management. In a number of London boroughs a systematic survey has been carried out using the London Ecology Unit's specification since 1985. The specification was updated in 2000, when the GLA was established, to collect additional data required for open space planning. The format of the survey is similar to those usually described as 'Phase I' or 'Field by Field', but is enhanced by the extensive use of standardised written notes. The Authority holds this survey information.
- 1.3 The initial survey documented areas with semi-natural habitats (more natural than well-gardened allotments or heavily mown urban playing fields) and was also confined to large areas (above 0.5 ha for inner boroughs and 1 ha for outer boroughs). Much subsequent survey work has documented open spaces regardless of their natural quality and has used a much lower area threshold, to provide a more comprehensive coverage.
- 1.4 The wildlife habitat survey helps to ensure that candidate sites are not overlooked and that the same essential minimum of information is available for each. There is usually little other information available on the quality of the wildlife habitats, but any information provided is taken into account.

Information on species

- 1.5 Information on species, which has been obtained in a consistent and standardised manner as part of the systematic survey of habitats may be used by the Authority in reaching decisions on site quality. Other information on species, relating to individual sites, is frequently available but has rarely been collected in a systematic way so as to allow straightforward comparisons with other sites.
- 1.6 Information on species is often available from local naturalists, who are able to observe sites throughout seasons and years to provide an accurate and quite comprehensive listing of these and who may publish accounts of particular species or sites. Valuable though this information is, it often proves difficult to use it to compare candidate sites, as the recording effort put into each site may differ greatly and so may the completeness of the list. The length of the species list and the detection of rare species therefore depends upon the searching effort. For these reasons, such information on



species is used only together with knowledge of how the information was obtained and of the way in which the ecology of individual species affects their apparent status.

- 1.7 The policy of the Authority is to take considerable care in interpreting site-based species data to ensure that fully professional standards are maintained.

Habitat Types

A list of habitats for open space survey in London

<u>Code</u>	<u>Name</u>	<u>Definition</u>
01/02/03	Woodland	Stands of trees forming at least 75% cover, including coppice and trees of shrub size, but excluding fen carr (19). Includes stands of willow except <i>Salix cinerea</i> , <i>caprea</i> and <i>viminalis</i> , but excludes hawthorn, hazel (except hazel coppice with standards), elder, juniper and the three willow species listed above, which are always scrub (06) regardless of height. Where the species composition does not fulfil any of 01, 02 or 03 below, code as a mixture. Always record % shrub layer under the qualifiers.
01	Native broadleaved woodland	Woodland (see above) with native broadleaved species (i.e. excluding sycamore and sweet chestnut) comprising at least 75% of the canopy.
02	Non-native broadleaved woodland	Woodland (see above) with non-native broadleaved species (including sycamore and sweet chestnut) comprising 75% of the canopy.
03	Coniferous woodland	Woodland (see above) with coniferous species (including yew) comprising 75% of the canopy.
37	Scattered trees	Trees forming less than 75% canopy cover over another habitat (excluding coppice with standards, which is coded as woodland). Record percentage tree cover here, and the rest of the area under the appropriate habitat.
05	Recently felled woodland	Does not include coppice, which is coded as woodland.
06	Scrub	Dominated (at least 75% cover) by shrubs (usually less than 5 metres tall), excluding fen carr (19), heathland (15), young woodland, coppice, hedges (25, 34) and planted shrubberies (38). Includes stands of hawthorn, hazel (except coppice with standards), elder and <i>Salix cinerea</i> , <i>caprea</i> and <i>viminalis</i> regardless of height.
38	Planted shrubbery	Dominated (at least 75% cover) by shrubs, usually non-native species, the majority of which have clearly been planted. Excludes hedges (25, 34).
25	Native hedge	Line of shrubs, with or without treeline, one or two mature shrubs wide (wider belts should be coded as scrub or woodland), with native species comprising at least 75% of the shrubs.
34	Non-native hedge	As above but with non-native species comprising at least 75% of the shrubs. If neither 25 nor 34 apply, code as a mixture.
31	Orchard	Planted fruit or nut trees forming at least 50% canopy cover.



Code	Name	Definition
36	Vegetated walls, tombstones. etc	Includes ruins, fences and other artificial structures with an appreciable amount of vegetation (including mosses and lichens) but excluding artificial water margins, which should be coded as wet marginal vegetation (18) if vegetated.
26	Bare soil and rock	Includes active quarries, fresh road workings, spoil or tipping and earth banks of water habitats, where these are minimally vegetated. Excludes arable land (28).
27	Bare artificial habitat	Includes tarmac, concrete, railway ballast, gravel paths, buildings and artificial margins to aquatic habitats, where these are minimally vegetated.
08	Acid grassland	Un- or semi-improved grassland on acidic soils, with less than 25% cover of heather or dwarf gorse. Excludes reedswamp (17). Usually with one or more of <i>Deschampsia flexuosa</i> , <i>Molinia caerulea</i> , <i>Nardus stricta</i> , <i>Juncus squarrosus</i> , <i>Galium saxatile</i> , <i>Potentilla erecta</i> or <i>Rumex acetosella</i> in abundance.
09	Neutral grassland (semi-improved)	Mesotrophic grassland usually with one or more of <i>Arrhenatherum elatius</i> , <i>Deschampsia cespitosa</i> , <i>Alopecurus pratensis</i> , <i>Cynosurus cristatus</i> , <i>Dactylis glomerata</i> , <i>Festuca arundinacea</i> or <i>F.pratensis</i> . Contains more than just <i>Lolium perenne</i> , <i>Trifolium repens</i> , <i>Rumex acetosa</i> , <i>Taraxacum</i> , <i>Bellis perennis</i> and <i>Ranunculus</i> species (see 07 and 11), but lacks the characteristic forbs of 35. Excludes reedswamp (17).
35	Neutral grassland (herb-rich)	Mesotrophic grassland with more forbs typical of old grassland than 09. Likely to contain one or more of <i>Primula veris</i> , <i>Lychnis flos-cuculi</i> , <i>Achillea ptarmica</i> , <i>Silene silaus</i> , <i>Succisa pratensis</i> , <i>Stachys officinalis</i> , <i>Serratula tinctoria</i> , <i>Ophioglossum</i> , <i>Gensita tinctoria</i> , <i>Sanguisorba officinalis</i> or <i>Caltha palustris</i> , or an abundance of <i>Carex ovalis</i> , <i>Pimpinella saxifraga</i> , <i>Conopodium majus</i> , <i>Cardamine pratensis</i> , <i>Knautia</i> or <i>Filipendula ulmaria</i> .
10	Basic grassland	Un- or semi-improved grassland containing calcicoles. Usually with some of <i>Brachypodium pinnatum</i> , <i>Bromopsis erecta</i> , <i>Helictotrichon pratense</i> , <i>Thymus polytrichus</i> , <i>Sanguisorba minor</i> , <i>Centaurea scabiosa</i> or <i>Origanum vulgare</i> in some abundance.
11	Improved or re-seeded agricultural grassland	Species-poor mesotrophic grassland containing little but <i>Lolium perenne</i> , <i>Trifolium repens</i> , <i>Agrostis</i> species, <i>Bellis perennis</i> , <i>Taraxacum</i> and <i>Ranunculus</i> species. Distinguished from 07 by its agricultural use and hence usually less frequent mowing.
07	Amenity grassland	Usually frequently mown, species-poor mesotrophic grassland characteristic of parks and sports pitches, containing similar species to 11. Scattered trees and shrubberies in parks should be coded separately.
12	Ruderal or ephemeral	Communities composed of pioneer species such as occur in early succession of heavily modified substrates. Typical species include <i>Senecio squalidus</i> , <i>S.vulgaris</i> , <i>Sinapis arvensis</i> , <i>Poa annua</i> , <i>Hirschfeldia incana</i> and species of <i>Polygonum</i> , <i>Persicaria</i> , <i>Melilotus</i> , <i>Atriplex</i> , <i>Chenopodium</i> , <i>Medicago</i> , <i>Vulpia</i> , <i>Picris</i> , <i>Lactuca</i> , <i>Diploaxis</i> , <i>Conyza</i> and <i>Reseda</i> .



Code	Name	Definition
13	Bracken	Stands where bracken is dominant. Also used with other habitat codes to indicate scattered bracken.
14	Tall herbs	Stands of tall non-grass herbaceous species, often rhizomatous perennials, such as <i>Fallopia japonica</i> , <i>Conium maculatum</i> , <i>Chamerion angustifolium</i> , <i>Anthriscus sylvestris</i> , <i>Urtica dioica</i> , <i>Epilobium hirsutum</i> , <i>Solidago canadensis</i> and species of <i>Aster</i> and <i>Heracleum</i> . Excludes herbaceous fen vegetation (32).
33	Roughland	An intimate mix of semi-improved neutral grassland (09), tall herbs (14) and scrub (06). If these occur in large enough patches they should be coded separately. Usually the next successional stage after 12.
15	Heathland	Dwarf-shrub cover greater than 25% of species such as heathers and <i>Ulex minor</i> , with less than 50% cover of <i>Sphagnum</i> . May include a large amount of acid grassland (06) in a close mosaic, but code as a mixture if grassland areas are large.
39	Allotments (active)	Communal allotment gardens which are under cultivation. Code disused plots under other habitats as appropriate.
28	Arable	Cropland, horticultural land (excluding allotments), freshly ploughed land and livestock paddocks stocked so heavily as to have little vegetation.
16	Bog	Dominated by <i>Sphagnum</i> mosses (greater than 50% cover) with water table at or just below the surface.
17	Reedswamp	Stands of <i>Phragmites australis</i> with at least 75% cover of reeds. Includes dry and tidal stands.
40	Typha, etc swamp	Stands of <i>Glyceria maxima</i> , <i>Typha</i> species or <i>Phalaris arundinacea</i> where these species form at least 75% cover.
18	Wet marginal vegetation	Emergent vegetation with a permanently high water table in strips less than five metres wide on the margins of water bodies. Contains species such as <i>Iris pseudacorus</i> , <i>Apium nodiflorum</i> , <i>Acorus calamus</i> and species of <i>Rorippa</i> , <i>Alisma</i> and <i>Juncus</i> . May include <i>Phragmites</i> , <i>Typha</i> and <i>Glyceria maxima</i> , but where these form single-species stands code as 17 or 40 respectively. Usually too small to map but must always be coded if present.
19	Fen carr	Woodland or scrub over herbaceous vegetation with the water table above ground for most of the year.
20	Standing water (includes canals)	Lakes, reservoirs, pools, wet gravel pits, ponds, canals, docks and brackish lagoons beyond the limit of swamp or wet marginal vegetation. Always code vegetated margins separately and note trophic status and whether saline or tidal.
21	Ditches (water filled)	Distinguished from 20 and 22 by their (often agricultural) drainage role. Always code vegetated margins separately and note trophic status and whether saline or tidal.
22	Running water	Rivers and streams. Always code vegetated margins separately and note trophic status and whether saline or tidal.

Code	Name	Definition
23	Intertidal mud, sand, shingle, etc	Intertidal areas without significant vegetation of higher plants. Try to record the extent at low tide.
24	Saltmarsh	Intertidal areas appreciably vegetated with higher plants, excluding reedswamp (17).
30	Habitat information not available	Areas which cannot be observed due to restricted access, etc.
29	Other	To be avoided if possible. Must be specified if used.
32	Species-rich herbaceous fen	Stands of herbaceous vegetation where the water table is above ground for most of the year, with less than 75% dominance of <i>Phragmites</i> , <i>Typha</i> , <i>Glyceria</i> and <i>Phalaris arundinacea</i> . Distinguished by width from 18. So rare in London that it is not on the survey form; write in under "Other" if required.

Other habitat classifications

For further information on the recognised habitat classification systems and survey methods that may be represented within the GiGL data, please visit the following links:

National Vegetation Classification (NVC) - <http://jncc.defra.gov.uk/page-4259>

The National Vegetation Classification (NVC) is one of the key common standards developed for the country nature conservation agencies. The original project aimed to produce a comprehensive classification and description of the plant communities of Britain, each systematically named and arranged and with standardised descriptions for each.

Phase I and Extended Phase I Habitat Assessment - <http://jncc.defra.gov.uk/page-4258>

The Phase 1 Habitat Classification and associated field survey technique provide a standardised system to record semi-natural vegetation and other wildlife habitats. Each habitat type/feature is identified by way of a brief description of its defining features.

Biodiversity Action Plan Broad Habitat classification - <http://jncc.defra.gov.uk/page-4261>

This classification was developed as part of the UK Biodiversity Action Plan. The Broad Habitats are the framework through which the Government is committed to meet its obligations for monitoring in the wider countryside.





Open Space Designations

Open Space: undeveloped land which has an amenity value, or has potential for an amenity value. The value could be visual, derive from a site's historical or cultural interest or from the enjoyment of facilities which it provides. It includes both public and private spaces, but excludes private gardens.

English Heritage Registered Parks and Gardens: The English Heritage 'Register of Historic Parks and Gardens of special historic interest in England', established 1983, currently identifies over 1,600 sites assessed to be of national importance. The emphasis of the Register is on 'designed' landscapes, rather than on planting or botanical importance. The majority of sites are, or started life as, the grounds of private houses, but public parks and cemeteries form important categories. Sites are divided into three grade bands to give added guidance on their significance.

- Grade I sites are of exceptional interest
- Grade II* sites are particularly important, or more than special interest
- Grade II sites are of special interest, warranting every effort to preserve them.

More information at: www.english-heritage.org.uk

Green Flag Awards: The Green Flag Award Scheme recognises and rewards the best green spaces in the country. There are three different awards:

- Green Flag Award: The benchmark national standard for parks and green spaces in the UK>.
- Green Flag Community Award: Recognises high quality spaces in England and Wales managed by voluntary and community groups.
- Green Heritage Sites: Awarded to parks and green spaces with local or national historic importance.

London Square: These are spaces protected by the London Squares Preservation Act (1931); a unique piece of legislation designed to prevent the loss of London's squares to development. 461 squares are protected under this act.

Common: The Commons Registration Act 1965 initiated a formal inventory of commons and green in England and Wales. It defines common land as 'land subject to rights of common (as defined in this Act) whether those rights are exercisable at all times or only during limited periods' and 'waste land of a manor not subject to rights of common' (Section 22).

The Commons Act 2006 provided another chance for common land to be registered. This new law aims to protect these areas, in a sustainable manner delivering benefits for farming, public access and biodiversity.

Data is obtained from Defra (2012). This database is believed to contain records for nearly all parcels of registered common land in England, with various associated data including location, area, extent of rights etc. The information for Greater London was assembled in 1985 as part of the biological survey of common land. The data are not kept up-to-date with subsequent new registrations of common land, or amendments to existing registrations. These data must be seen as a snapshot of the registers of common land at the time of the survey. Although deregistration of land registered as common land occurs very infrequently, the entries in this database cannot be guaranteed, and reliance should be placed on an inspection of the relevant register held by the commons registration authority for confirmation.

Village Green: is an area which has been allocated by an Act of Parliament for the exercise or recreation of the inhabitants of any locality, or on which the inhabitants of any locality have a customary right to indulge in lawful sports and pastimes.



Data are taken from information collected by the Greater London Council in 1965.

Metropolitan Open Land: is land designated to strategically project important open spaces within the built environment. It provides a clear break in the urban fabric and contributes to the capital's green character, often hosting outdoor facilities for Londoners away from their local area and boasting nationally or regionally significant features of landscape of historic, recreational or biodiversity value.

Green Belt: is land which has been specifically designated as such, either by legislation or through the preparation of development plans, with the aim to protect the open character of the countryside next to urban areas.

Public Open Spaces and Areas of Deficiency in Access to Public Open Space

Public Open Spaces are categorised according to a site hierarchy documented in The London Plan (Table 7.2).

Public Open Space Category	Description	Size guideline	Distances from homes
Regional Parks	Large areas, corridors or networks of open space, the majority of which will be publicly accessible and provide a range of facilities and features offering recreational, ecological, landscape, cultural or green infrastructure benefits. Offer a combination of facilities and features that are unique within London, are readily accessible by public transport and are managed to meet best practice quality standards.	400 hectares	3.2 to 8 km
Metropolitan Parks	Large areas of open space that provide a similar range of benefits to Regional Parks and offer a combination of facilities at a sub-regional level, are readily accessible by public transport and are managed to meet best practice quality standards.	60 hectares	3.2 km
District Parks	Large areas of open space that provide a landscape setting with a variety of natural features providing a wide range of activities, including outdoor sports facilities and playing fields, children's play for different age groups and informal recreation pursuits.	20 hectares	1.2 km
Local Parks and Open Spaces	Providing for court games, children's play, sitting out areas and nature conservation areas.	2 hectares	400 m
Small Open Spaces	Gardens, sitting out areas, children's play spaces or other areas of a specialist nature, including nature conservation areas.	Under 2 hectares	Less than 400 m
Pocket Parks	Small areas of open space that provide natural surfaces and shaded areas for informal play and passive recreation that sometimes have seating and play equipment.	Under 0.4 hectares	Less than 400 m
Linear Open Spaces	Open spaces and towpaths alongside the Thames, canals and other waterways; paths, disused railways; nature conservation areas; and other routes that provide opportunities for informal recreation. Often characterised by features	Variable	Wherever feasible



	or attractive areas which are not fully accessible to the public but contribute to the enjoyment of the space.		
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Open Space Categories

The main site typologies are based upon previous *Planning Policy Guidance 17: Planning for Open Space, Sport and Recreation* categories.

Sub-categories are based on classifications used in the GLA open space surveys.

i. Parks and Gardens

Park refers to traditional public open spaces laid out formally for leisure and recreation. They usually include a mixture of lakes, ponds, lidos, woodland, flower beds, shrubs, ornamental trees, play spaces, formal and informal pitches, bowling greens, tennis courts, golf pitch & put, footpaths, bandstands, toilets, cafes and car parks - but not necessarily all of these. Parts of some parks might be managed as so-called natural areas. Examples of parks include the Royal Parks, municipal parks such as Battersea and Victoria, and wilder places such as Hampstead Heath which, although having distinctly informal qualities, are maintained predominantly for the same purpose, and include the usual swings and roundabouts and playing pitches. Many parks are enclosed by walls or railings, although some parks that began as common land may not be enclosed.

Formal garden refers to spaces with well defined boundaries that display high standards of horticulture with intricate and detailed landscaping. It includes the London squares common to central London, which are typically square areas of grass with some shrub borders, bounded by railings, and surrounded by buildings. Examples include Belgrave Square and Soho Square.

ii. Natural and Semi Natural

Common refers to publicly accessible open space that has few if any 'facilities'. It will typically be mainly open rough grassland (not mown playing field or recreation ground type grass) and/or woodland, and may have a limited provision of facilities. In typology terms, commons are much less formal than parks or parkland. Examples include Wimbledon Common, Wanstead Flats, and parts of Epping Forest.

Country Parks are large areas set aside for informal countryside recreation near or within towns and cities. A list of sites that call themselves Country Parks is available on the Natural England website.

Private woodland refers to woodland which is not accessible for recreational use, nor managed for nature conservation. Record this under "other" until the survey form is revised to accommodate it.

Public woodland refers to woodland which is accessible for recreational use, but not managed for nature conservation.

Nature reserve is a category reserved for an open space that is managed primarily for nature conservation. Do not tick this box just because the site has a nature conservation designation. Many parks, etc. have such designations. An SSSI is likely to have park, common or agriculture as its type. Designated Local Nature Reserves, however, are recorded here. Also do not tick this box where you find small areas set aside for nature within parks, commons and other open spaces.

iii. Green Corridors



River should only be used for rivers and streams that do not form part of another land use, such as park, common or nature reserve.

Canal implies an artificial waterway which is navigable. Include docks in this category.

Railway cutting and **railway embankment** are self-explanatory.

Disused railway trackbed is usually obvious, with some traces of its former use. Where disused trackbeds are specifically managed for nature conservation, such as Parkland Walk, record as nature reserve.

Road island/verge is self-explanatory. Record as nature reserve if specifically managed for nature conservation.

Walking / cycling route is a designated footpath / cycleway through informal open space often along former railways or canals but record these examples as Disused railway trackbed or Canal.

iv. Outdoor Sports Facilities

Recreation ground is an area of mown grass used primarily for informal, unorganised ball games and similar activities (including dog walking). Not to be confused with playing fields, below.

Playing field is a site comprising playing pitches, usually for football, but also for rugby and hockey and, in the summer, for cricket. Playing pitches may not always be laid out in the summer, so look out for notice boards or changing rooms and pavilions for evidence. Include sites here even if they appear disused. Include school playing fields. Almost always, playing fields consist only of pitches; but they will sometimes have other bits of open land around the edges. Do not include sites that partly contain playing pitches but are more properly categorised as parks or commons. Pitches are often to be found in parks and commons, but the type here is concerned with sites that are exclusively or predominantly reserved for organised team sports.

Golf course: do not include golf courses that are part of parks, commons etc. This type does not include golf driving ranges, pitch & putt or crazy golf.

Other recreational is to be used for sites that are used exclusively or predominantly for other organised sports such as bowls, tennis and golf driving ranges (but not golf courses, see below).

v. Amenity

Village green is usually an expanse of grass in the centre of old villages, often used in the summer for cricket.

Hospital includes the grounds of any clinic or health centre.

Educational refers to school or college grounds and field study centres where school education is the primary function. Nature sites which cater for schools and for the general public should be recorded under nature reserves. School playing fields should be recorded under playing fields.

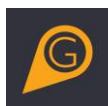
Back garden land is self-explanatory. While most surveys exclude private gardens, backlands are often surveyed for planning casework.

Landscaping around premises includes communal amenity space around housing estates and community centres, and also landscaping around industrial premises.

Reservoir includes covered reservoirs unless these form part of a park.

vi. Children and Teenagers

Play space is a site set aside mainly for children. It will contain the usual paraphernalia of swings, slides and roundabouts. Do not record play spaces here if they form part of parks, commons and other open spaces.



Adventure playground is a defined play area for children in a supervised environment. Boundaries and entrances are secure.

Youth area is a defined area for teenagers including skateboard parks, outdoor basketball hoops and other more informal areas such as 'hanging out' areas and teenage shelters.

vii Allotments, Community Gardens and City Farms

Allotments should be obvious. Include them even if they appear or are disused.

Community garden includes an area that is generally managed and maintained by the local population as a garden and/or for food growing and normally restricted in their access. For examples Pheonix Garden in Holborn.

City farm includes areas that are generally managed and maintained as a small farm by the local population, containing livestock and planting and normally restricted in their access. For example Freightliners Farm in Islington.

viii. Cemeteries and Churchyards

Churchyard/cemetery includes burial grounds, graveyards, crematorium grounds and memorial gardens, and gardens or grounds of non-Christian places of worship. Some former or burial grounds that have become full have been converted to informal leisure or recreation spaces; where the gravestones have been removed, these should be recorded as parks.

ix. Other Urban Fringe

Equestrian centre includes any land used for intensive horse keeping and riding, but not extensive horse grazing, which should be recorded as agriculture.

Agriculture includes arable and grazing land, including horse grazing, and market gardening (such as vegetables, often grown under cloches, etc.).

Nursery/horticulture does not include commercial retail nurseries (although these might legitimately form a part of a park or common, etc.). Horticulture includes areas of permanent glasshouses.

x. Civic Spaces

Civic/market square includes tarmac areas or paved open spaces, which may or may not include planting. However, they do not necessarily have seats and may just be a plaza area, with some planting (usually trees) and public art. Often provide a setting for civic buildings and opportunities for open air markets, demonstrations and civic events. Examples include the area in front of the jubilee line station at Canary Wharf, and the plaza in front of Westminster Cathedral.

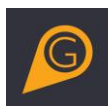
Other hard surfaced areas include other areas designed for pedestrians. These typically are used as 'sitting out' areas, where workers can enjoy the sun and eat their sandwiches, and as such usually have seats or benches. For example, Emma Cons Gardens opposite the Old Vic Theatre. This category excludes pedestrianised streets, car parks, servicing areas to buildings, and housing amenity space such as communal courtyards.

xi. Other

Sewage/water works includes extensive sludge drying areas, filter beds, etc.

Disused quarry/gravel pit may be water-filled, but is not necessarily so.

Vacant land is land with no formal land use. This includes many "urban commons" which are used by people for informal recreation and which may be very valuable for nature conservation. If sites have formalised access and management for nature conservation, record as commons or nature reserves as appropriate.



Land reclamation is land recently decontaminated or reclaimed from disuse, which has not yet been redeveloped.

Others could be anything that does not fit any of the above categories, such as airfields or forestry (not wooded commons or woodland nature reserves)

