

Ascerta

Landscape, Arboricultural & Ecological Solutions
for the Built Environment

Preliminary Ecological Appraisal

Netherley Road,
Tarbock Green

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(see revision dates below)

Rev	Date	Details
A	4 th October 2022	Update following nocturnal bat surveys
B	4 th May 2023	Updates following assessment of offsite ponds for Great Crested Newt (GCN)

This document contains sensitive information regarding the location of a badger sett. The report is issued in confidence and on the basis that the material will not enter the public domain

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P.1622.22

Preliminary Ecological Appraisal

Of

Netherley Road, Tarbock Green

For

GDB Property Investments Ltd

4 May 2023

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EXECUTIVE SUMMARY

A Preliminary Ecological Appraisal has been carried out at the land off Netherley Road, Tarbock Green on 3rd May 2022 by Lizzie Atkinson. The assessment comprised a desk study and biological records search, as well as a site walkover survey in order to map habitat types. The survey was extended to assess the potential for protected species to use the site. The assessment provides baseline data as to current site conditions and where appropriate allows recommendations to be made in respect of further potential work in order to satisfy current wildlife legislation.

A dusk emergence survey was carried out at buildings B1, B2, B3 and B4 on 5th September 2022 by Lizzie Atkinson (Lead Surveyor), Evie Berry, Lauren Hadford, Amy Swindells, John Lindsay and Hannah Pimpen. During the survey four common pipistrelle bats were recorded to emerge from building B2. No bats were identified to emerge building B1, B3 and B4. A moderate level of activity was recorded with common pipistrelle, soprano pipistrelle and noctule foraging and commuting activity recorded within the site.

A dawn re-entry survey was carried out at buildings B1, B2, B3 and B4 on 22nd September 2022 by Liz Kenyon (Lead surveyor), Lauren Hadford, Niall Doherty, Hannah Pimpen, Darnell Shaw and John Lindsay. No bats were identified to re-enter buildings B1, B2, B3 and B4 and a low level of bat activity was recorded with common pipistrelle, soprano pipistrelle and noctule foraging and commuting activity recorded throughout the survey.

The nocturnal bat surveys are detailed within the report *Ascerta P.1712.22 Bat Nocturnal Surveys, Netherley Road* which should be read in conjunction with this report. Updated bat surveys are being carried out by Ascerta in 2023.

The site was visited on 3rd May 2023 by Lizzie Atkinson and Liz Kenyon to carry out a Habitat Suitability Index (HSI) for Great Crested Newt (GCN) of the two offsite ponds within 250m of the site.

Assessed against the 'Guidelines for Ecological Impact Assessment in the UK and Ireland' 2nd edition (2018), the habitats range in ecological value from negligible to within the zone of influence of the site. The majority of habitats are likely to be lost to the proposals. As the habitats to be lost to the proposals are small in area and not of high ecological value it is considered that their loss can be mitigated for and the proposals will not adversely affect the ecological value of the wider area, provided the recommendations detailed below are followed.

Bat surveys are conducted in accordance with the Bat Surveys for Professional Ecologists - Good Practice Guidelines, published 2016 (the Guidelines) and Interim Guidance Note, May 2022. Strict adherence to these is not necessary, but where practice deviates from them, clear reasons and rationale are required.

The site comprises a portable building manufacturer with large, interconnected warehouses and associated offices (B1-B4) that are surrounded by hardstanding. Pockets of scrub are present throughout the site and tall ruderal vegetation has encroached much of the hardstanding. Scattered trees line the eastern and southern site boundary and self-seeded scattered saplings are present throughout.

If the recommendations below are followed these species will not be adversely affected by the proposals.

- Updated nocturnal bat surveys to be carried out at buildings B1, B2, B3 and B4 (between May and August) are currently being carried out by Ascerta to further inform recommendations;
- An application to Natural England will need to be made with regards to acquiring a European Protected Species licence in order that the bat roost can be destroyed in the appropriate manner at building B2;
- If works are not begun by September 2023, a preliminary bat roost assessment of all trees to be removed or pruned to accommodate proposals will be required to inform further recommendations if required;
- Production of a Bat Mitigation Measures report to be produced and implemented to ensure there is no loss of roosting provision or harm to bats during the works;
- Soft demolition of buildings B1 and B3 under ecological supervision and a Tool Box Talk to be given to all contractors;
- Production and implementation of a Construction Environmental Management Plan (CEMP) to protect Brick Wall Covert Local Wildlife Site (LWS) that lies adjacent to the western site boundary during works;
- Sensitive lighting to be used to meet the Bat Conservation Trust lighting guidance so not to cause a detrimental effect to light sensitive species;
- Production and implementation of an amphibian RAMS to avoid any harm to this species during the proposed works;
- Implementation of a badger and hedgehog RAMS (section 5.2) to avoid any harm to this species during the proposed works;
- Vegetation clearance, pruning and building works should be undertaken outside of the nesting bird season (1st March to 31st August Inclusive) to avoid any impact on breeding birds. Or a nesting bird check undertaken by a suitably experienced ecologist should be undertaken immediately prior to works commencing;
- Provision of planting that is favourable for red squirrel to provide areas of refuge and to enhance connectivity to the surrounding landscape (section 5.3);
- Retain and enhance site boundaries through appropriate landscape planting that includes native, species rich hedgerows, trees and areas of wildflowers plus provision of integrated bat and bird features within newly constructed buildings;
- Production of the Defra Metric Biodiversity Net Gain Calculations to minimise impacts on biodiversity and provide net gains in biodiversity; and
- Production of a Management Plan to ensure the long-term commitments to manage the planting, protection and enhancement of biodiversity in and around a new development site.

The site provides habitat for nesting birds, badger, hedgehog, amphibians and bats. Habitats on site will be lost to the proposals. There is likely to be low impacts on the local ecology due to the proposals if the recommendations within section 6 are implemented.

1.0 Introduction

Ascerta has been instructed by GDB Property Investments Ltd to carry out a Preliminary Ecological Appraisal of the land at Netherley Road, Tarbock Green (hereafter referred to as the site). The site OS grid reference is SJ 462 876 and the What3Words reference is manliness.focus.drum The extent of the site is displayed in photograph 1.1 below.



Photograph 1.1: Extent of site

The site was visited on 3rd May 2022 by Lizzie Atkinson when a Preliminary Ecological Appraisal, which includes an assessment of the potential for protected species to be using the site or surroundings, was carried out in accordance with the *Handbook for Phase 1 Habitat Survey: a Technique for Environmental Audit* (JNCC, 2010). The report was prepared following methods detailed in the CIEEM 'Guidelines for Ecological Impact Assessment in the UK and Ireland' (2018) and 'Guidelines for Ecological Report Writing' (2017). This report presents the results of the survey including evaluation of habitats on site and potential for protected species to be using the site. The report includes recommendations for further actions where applicable in order to satisfy current wildlife legislation and to achieve our client's objectives. Relevant legislation is detailed within Appendix 4.

A dusk emergence survey was carried out at buildings B1, B2, B3 and B4 on 5th September 2022 by Lizzie Atkinson (Lead Surveyor), Evie Berry, Lauren Hadford, Amy Swindells, John Lindsay and Hannah Pimpen. During the survey four common pipistrelle bats were recorded to emerge from building B2. No bats were identified to emerge building B1, B3 and B4. A moderate level of activity was recorded with common pipistrelle, soprano pipistrelle and noctule foraging and commuting activity recorded within the site.

A dawn re-entry survey was carried out at buildings B1, B2, B3 and B4 on 22nd September 2022 by Liz Kenyon (Lead surveyor), Lauren Hadford, Niall Doherty, Hannah Pimpen, Darnell Shaw and John Lindsay. No bats were identified to re-enter buildings B1, B2, B3 and B4 and a low level of bat activity was recorded with common pipistrelle, soprano pipistrelle and noctule foraging and commuting activity recorded throughout the survey.

The nocturnal bat surveys are detailed within the report *Ascerta P.1712.22 Bat Nocturnal Surveys, Netherley Road* which should be read in conjunction with this report. Updated bat surveys are being carried out by Ascerta in 2023.

The site was visited on 3rd May 2023 by Lizzie Atkinson and Liz Kenyon to carry out a Habitat Suitability Index (HSI) for Great Crested Newt (GCN) of the two offsite ponds within 250m of the site.

The site comprises a portable building manufacturer with large, interconnected warehouses and associated offices (B1-B4) that are surrounded by hardstanding. Pockets of scrub are present throughout the site and tall ruderal vegetation has encroached much of the hardstanding. Scattered trees line the eastern and southern site boundary and self-seeded scattered saplings are present throughout.

Our client seeks planning consent to redevelop the site for residential dwellings, garages within gardens and community orchard within the south of the site as well as retention of existing access road.

2.0 Objectives

Our client's objectives are to assess the potential ecological constraints of the proposed development site.

Our objectives are as follows:

- Identify and evaluate any features of ecological value and the potential of the site to support protected species based on the walkover survey and biological records search;
- Identify designated sites within 2km of the site;
- Review protected species records within 2km of the site;
- Map the habitats within the site using JNCC (2010) methods;
- Provide recommendations for further species-specific surveys and mitigation measures where current legislation requires;
- Provide recommendations that seek to enhance the ecological value of the site;
- Provide recommendations to assist our clients in achieving their objectives whilst satisfying current wildlife legislation.

3.0 Survey Methods

The Preliminary Ecological Appraisal involved the collection and review of data from a desk study and field survey along with assessment of the value of the habitats following CIEEM guidelines.

3.1 Desk Study

A review of the designated sites and habitats within 2km of the site has been undertaken in May 2022 using the Multi-Agency Geographic Information for the Countryside (MAGIC) and the Natural England websites.

A review of UK and Local priority species and habitats known to occur within 2km of the site has been undertaken in May 2022; using the Joint Nature Conservation Committee website, Multi-Agency Geographic Information for the Countryside (MAGIC) and local records from BioBank Merseyside (Appendix 5).

3.2 Field Survey

A walkover survey of the site was conducted on 3rd May 2022 by Lizzie Atkinson when the habitat types and features of ecological interest were identified and mapped in compliance with the Handbook for Phase 1 Habitat Survey: A Technique for Environmental Audit (*JNCC, 2010*). The survey methods involve the recording and mapping of all habitat types and ecological features present on site, including the identification of the main species present and examination of the potential for any protected species. Habitats were mapped and target notes made for any interesting features.

The surveys particularly focused on the following species and habitat features:

- Mammals (badgers, bats, red squirrel);
- Birds (including species potentially associated with 'European Sites');
- Amphibians and reptiles;
- Invertebrates;
- Hedgerows and boundaries;
- Invasive plant species; and
- Plant communities and trees.

Weather conditions during the survey were mild (12°C), dry and overcast (8/8 cloud cover) with a F1 (Beaufort Scale) light air, therefore appropriate for this type of survey.

3.3 Bat Survey Methods

The survey methods followed the guidelines set out by the Bat Conservation Trust Bat Surveys for Professional Ecologists Good Practice Guidelines – 3rd Edition (2016). Habitats, buildings and trees were assessed for suitability for use by bats and categorised independently using table 4.1 page 35 within the Bat Conservation Trust Guidelines (Collins, 2016).

Preliminary Ecological Appraisal for Bats

Habitats on site were assessed for their suitability for bats to use them for roosting, commuting and foraging both on the site and surrounding area. Commuting and foraging habitat suitability was categorised **low** to **high**. Commuting and foraging habitat valued as **moderate** or above may need further survey effort if lost to the proposals.

Preliminary Roost Assessment Trees

All trees were inspected for Potential Roost Features (PRFs). Features searched for included: Natural or woodpecker holes, cracks/splits in major limbs, loose bark, hollows/cavities, dense epicormic growth, bird and bat boxes. Where such features were found they were investigated for scratches or staining, bat droppings and smoothing of surfaces around entry points. Trees assigned a suitability of **moderate** or above may require further inspection if they are to be lost to the development.

External Inspection of the Building

A daytime external inspection of the buildings was carried out during the survey by a suitably experienced ecologist. The buildings were searched externally looking for signs of bats, including staining on barge boards, soffits and more commonly droppings on flat surfaces i.e. window ledges that would indicate potential roosting sites. Possible bat access points such as loose tiles, cracks and crevices or crawl spaces beneath and/or behind roofing materials such as roofing felt, panelling, soffits and tiles were identified and checked for signs of use by bats, for example droppings, scratch marks and staining.

The building was categorised as per Table 4.1 (below). Buildings assigned a suitability of **Low** or above may require further inspection if they are to be lost to the development.

Table 4.1: Guidelines for assessing Potential Roost Features (PRFs), commuting and foraging habitat within a proposed development site. Guidelines taken from table 4.1 page 35 of the Bat Conservation Trust Bat Surveys for Professional Ecologists Good Practice Guidelines – 3rd Edition (2016).

Suitability	Roosting Habitats	Commuting and Foraging Habitats
<i>Negligible</i>	<i>Negligible habitat features on site likely to be used by roosting bats.</i>	<i>Negligible habitat features on site likely to be used by commuting or foraging bats.</i>
<i>Low</i>	<i>A structure with one or more potential roost sites that could be used by individual bats opportunistically. However, these potential roost sites do not provide enough space, shelter, protection, appropriate conditions ^a and/or suitable surrounding habitat to be used on a regular basis or by larger numbers of bats (i.e. unlikely to be suitable for maternity or hibernation^b).</i> <i>A tree of sufficient size and age to contain PRFs but with none seen from the ground or features seen with only very limited roosting potential. ^c</i>	<i>Habitat that could be used by small numbers of commuting bats such as a gappy hedgerow or unvegetated stream, but isolated, i.e. not very well connected to the surrounding landscape by other habitat.</i> <i>Suitable, but isolated habitat that could be used by small numbers of foraging bats such as a lone tree (not in a parkland situation) or a patch of scrub.</i>
<i>Moderate</i>	<i>A structure or tree with one or more potential roost sites that could be used by bats due to their size, shelter, protection, conditions^a and surrounding habitat but unlikely to support a roost of high conservation status (with respect to roost type only – the assessments in this table are made irrespective of species conservation status, which is established after presence is confirmed).</i>	<i>Continuous habitat connected to the wider landscape that could be used by bats for commuting such as lines of trees and scrub or linked back gardens.</i> <i>Habitat that is connected to the wider landscape that could be used by bats for foraging such as trees, scrub, grassland or water.</i>
<i>High</i>	<i>A structure or tree with one or more potential roost sites that are obviously suitable for use by larger numbers of bats on a more regular basis and potentially for longer periods of time due to their size, shelter, protection, conditions ^a and surrounding habitat.</i>	<i>Continuous, high-quality habitat that is well connected to the wider landscape that is likely to be used regularly by commuting bats such as river valleys, streams, hedgerows, lines of trees and woodland edge.</i> <i>High-quality habitat that is well connected to the wider landscape that is likely to be used regularly by foraging bats such as broadleaved woodland, tree-lined watercourses and grazed parkland.</i> <i>Site is close to and connected to known roosts.</i>

^a For example, in terms of temperature, humidity, height above ground level, light levels or levels of disturbance.

^b Evidence from the Netherlands shows mass swarming events of common pipistrelle bats in the autumn followed by mass hibernation in a diverse range of building types in urban environments (Korsten et al., 2015). This phenomenon requires some research in the UK but ecologists should be aware of the potential for larger numbers of this species to be present during the autumn and winter in large buildings in highly urbanised environments.

^c This system of categorisation aligns with BS 8596:2015 Surveying for bats in trees and woodland (BSI,2015).

3.4 Badger Survey Methods

The site was searched for setts and badger field signs including foraging areas, latrines and tracks. Attention was paid to the presence of the following field signs:

- Setts: single holes or a series of holes likely to be interconnected underground;
- Latrines: badgers usually deposit faeces in excavated pits;
- Paths and footprints;
- Scratching posts: at the base of trees;
- Snuffle holes: areas where badgers have searched for insects;
- Day nest: bundles of vegetation where badgers may sleep above ground; and
- Traces of hair.

3.5 Great Crested Newt Habitat Suitability Index (HSI)

The two off-site ponds were assessed for suitability as great crested newt breeding habitat. The HSI assessment followed the method described by Oldham *et al.* (2000) as updated by ARG UK (2010), involving an assessment of each water body against ten suitability indices:

- Location of the pond within the context of Britain;
- Total surface area of the pond;
- Pond drying (based on both local knowledge and field evidence);
- Water quality;
- Percentage perimeter shaded;
- Presence or absence of waterfowl;
- Presence or absence of fish;
- Number of water bodies situated within 1km;
- Suitability of terrestrial habitat; and
- Percentage macrophyte cover.

The HSI is calculated using an equation producing a single number between 0 and 1. The value provides an indication of whether the water body is likely to support a population of great crested newts. The lower the Index the less likely the location is to support a breeding population. Ponds are classed as Poor, Below Average, Average, Good or Excellent habitat suitability based on this value.

3.6 Evaluation

Habitats and species on the site were evaluated following the '*Guidelines for Ecological Impact Assessment in the UK and Ireland*' 2018. A geographical frame of reference is assigned to each habitat and species, with International Value being most important, then National, Regional, County, District, Local and lastly, within the immediate Zone of Influence (Zoi) of the proposals only.

Value judgements are based on characteristics that can be used to identify ecological resources or features likely to be important in terms of biodiversity. These include site designations such as SSSIs. For undesignated features, the size, conservation status (locally, nationally or internationally), and the quality of the ecological resource are considered. Ecological resource quality can refer to habitats (for instance if they are particularly diverse, or a good example of a specific habitat type), other features (such as wildlife corridors or mosaics of habitats) or species populations or assemblages.

The recommendations detailed within this report aim to meet requirements of the Environment Act and Biodiversity Metric 4.0 as far as possible at this stage.

3.7 Limitations

The site visit was undertaken in early May. This is within the optimal time of year for phase 1 habitat surveys and sufficient vegetation was present to enable habitat identification. It is not considered a limit to the conclusions of the report based on the habitats found within the site and the works proposed.

Access to carry out an internal inspection of the building was not available. Buildings B1, B2 and B3 could partially be viewed internally through open entrances. These access restrictions are taken into account within the report conclusions.

The absence of biological records does not necessarily mean the absence of species. This has been taken into account within the report conclusions.

4.0 Survey Results

4.1 Desk Study

No statutory sites were identified within a 2km radius of the proposed development site and seventeen non-statutory sites such were identified within a 2km radius the proposed development site.

The following non-statutory sites were identified within the vicinity of the proposals (with distance and direction from the site):

- Coppice Lane Council Depot, Huyton Local Wildlife Site (LWS), 1.7km north;
- Ox Lane Wood, Tarbock LWS, 1km north;
- Ochre Brook, Tarbock LWS, 600m north;
- Dog Clog Brook LWS, 460m north;
- Mill Brook, Netherley LWS, 900m, north-west;
- Netherley Brook LWS, 920m west;
- Tributary of Netherley Brook LWS, 1.6km west;
- Cartbridge Lane Wood LWS, 1.4km south-west;
- Green's Bridge Plantation LWS, 1.2km south;
- Ditton Brook LWS, 1.6km south
- Tarbock Green Ditch LWS, 450m south-east;
- Brickwall Covert LWS, adjacent to the western site boundary;
- Daggers Bridge Wood LWS, 1.4km north-east
- Strettles Bog, Tarbock LWS, 1.45km north-east
- The Old Wood, South LWS, 1.9km north-east
- Lee Park Golf Course LWS, 1.4km west; and
- Netherley Woods and Brook LWS, 1.2km west

The full designations for each site are listed within appendix 5.

One area of ancient woodland was identified within the vicinity of the proposals (with distance and direction from the site):

- The Old Wood LWS, 1.9km north-east.

The site lies within Netherley Brook and Ditton Brook Corridor, a designated Nature Improvement Area and also lies within the Green Belt.

The site does lies within a Natural England SSSI Impact Risk Zone, however a consultation with Natural England will not be triggered as the proposals are for residential dwellings only.

Following a review of records held by the Merseyside Biobank, several priority species that have the potential to occur within the vicinity of the proposed development have been identified. These include birds, bats, badger, brown hare, red squirrel, water vole, otter, hedgehog and amphibians. The species records are summarised below, and the detailed records held by Merseyside Biobank within 2km of the site are displayed within Appendix 5.

Birds

Two hundred and forty records were returned for bird species within 2km of the site. Species present include starling, swift, song thrush, skylark, lapwing, kingfisher, corn bunting, dunnoek and barn owl. The most recent record was in April 2015 for a tree sparrow located approximately 1.3km south-west of the site within agricultural land. The closest record was in 2007 for a yellowhammer located 120m south of the site close to the Brickwall Inn.

Bats

Sixty-four records of bats were returned within 2km of the site. Fourteen records were for pipistrelle bat species, three were for soprano pipistrelle, nine were for common pipistrelle, eight record for noctule bat, six for brown long-eared bat, one for daubenton's bat, one for whiskered/brandt's bat, one for myotis species and twenty-one records for unidentified bat species. The most recent record was in July 2019 for two unidentified bat species, located 540m north-west of the site within an area of woodland. The closest records of bat were in July 2007 for common pipistrelle, pipistrelle bat and myotis bat species located 240m south-west of the site within Brewery House.

Amphibians

One hundred and ninety records of amphibians were returned within 2km of the site these records included forty-four for smooth newt, ninety-four for common frog, seventeen for great crested newt (GCN) and thirty-five for common toad. The most recent record and closest was in April 2021 for a common frog located within a pond 370m north-west of the site.

Reptiles

No records of reptiles were returned within 2km of the site.

Terrestrial mammals

Four record of badger was returned within 2km of the site. The most recent and closest record was in January 2016 for a sett located 360m north-west of the site within an area of woodland.

Forty-seven records for hedgehog were returned within 2km of the site. The closest and most recent record was in May 2019 for a field record located 130m east of the site.

Thirty-nine records of brown hare were returned within 2km of the site. The most recent record was in January 2019 for a field record located 690m north-east of the site adjacent to Knowsley Expressway. The closest record was in 2004 for a field record located 610m north-west of the site within agricultural land.

Two records of red squirrel were returned within 2km of the site. Both records were from 2008 with one field sighting located 1.2km west of the site and the other 2km west of the site.

Eighteen records of otter were returned within 2km of the site. The majority of records were from Hockenhull Plats and River Gowy, approximately 1.9km south-east of the site.

One hundred and two records of water vole were returned within 2km of the site. The most recent record was in March 2021 for a burrow located in a brook, 700m north-west of the site. The closest records were historical records in 2000 for field records located 300m south of the site within Tarbock Green Ditch, Brick Wall Inn.

No European Protected Species Licence (EPSL) applications within 2km of the site since 2016 were identified using Magic Maps.

A list of key habitats is shown in table 5.1 below and a summary description of key habitats within the site is provided in Section 5.2. Notes on the presence or potential presence of protected species are provided in Section 5.3. The Phase 1 Habitat map can be found in Appendix 1. The Target Notes (TN) and lists of species recorded during survey are presented in Appendix 2.

4.2 Habitat Survey

The site is bound by Netherley Road (B5178) to the south, Brick Wall Covert Local Wildlife Site (LWS) to the west and north with Tarbock Green Riding School to the east and the surrounding land use is predominately agricultural land. The site comprises a portable building manufacturer with large, interconnected warehouses, workshops and associated offices (B1-B4) that are surrounded by hardstanding. Pockets of scrub are present throughout the site and tall ruderal vegetation has encroached the hardstanding. Scattered trees line the eastern and southern site boundary and self-seeded scattered saplings are present throughout. These habitats are presented on plan P.1622.22.01 (Appendix 1).

The habitat types identified within the site are detailed below and are displayed on drawing P.1622.22.01 *Phase One Habitat Survey* in Appendix 1 and on Photographs within Appendix 3. Species lists and target notes are displayed in Appendix 2.

Hardstanding (J4)

The site is dominated by hardstanding (concrete and tarmac). The concrete areas form the access road, areas used for car parking and site yard. The tarmacked areas form a former carpark area to the south of the buildings. The hardstanding has been encroached with tall ruderal and scrub throughout. Stacks of pallets (TN1) and printing ink barrels (TN3) are present within the hardstanding west of the buildings. This habitat is displayed in photograph 10 within Appendix 3.

Buildings (J3.6)

Four buildings (B1-B4) are present within the portable building manufactures site. The buildings comprise interconnected warehouses, storage units and associated offices. The buildings are all currently in use. The buildings are detailed within section 4.3 below. The buildings are displayed within photographs 11-20 within Appendix 3.

Dense/continuous scrub (A2.1)

Pockets of mixed native species dense scrub is present throughout the site within the understorey of the scattered trees and has encroached areas of hardstanding. Species present include bramble, buddleja and salix sp. This habitat is displayed in photographs 8 and 9 within Appendix 3.

Scattered trees (A3.1)

Scattered trees line the eastern site boundary, and a small group are present along the southern site boundary. Self-seeded scattered saplings are present throughout the site. Species present include ash, sycamore, goat willow, Leyland cypress, oak, alder, crack willow, cherry and poplar. This habitat is displayed in photographs 2-5 within Appendix 3.

Tall ruderal (C3.1)

Tall ruderal has encroached the hardstanding throughout the site. Species present include buddleja, broadleaved dock, common nettle, ragwort, herb Robert, cleavers, willowherb and bindweed. This habitat is displayed in photographs 6-7 within Appendix 3.

4.3 Preliminary bat roost assessment of buildings

Building 1-

Building B1 is a single storey disused workshop building currently used for the storage of pallets and cardboard boxes. Building B1 is connected to building B2 on the western elevation. The building is constructed in breezeblock and brick walls with corrugated metal cladding. The exposed areas of brickwork are in good condition, areas of pointing were noted to be missing. The roof is sloped and constructed in corrugated sheets with plastic skylights present and is supported by metal beams. The cladding on the walls is misshapen in places exposing large gaps between the cladding and brickwork. A large gap was noted on the north-eastern corner of the building between the adjoining brickwork wall and corrugated metal cladding. Gaps are present between the metal facias and brickwork on the eastern elevation. A sliding wooden door that was open during inspection is present on the eastern elevation and large gaps were noted between the door and brickwork. No evidence of bats was identified during the external inspection.

The building was assessed to have **negligible** hibernation potential for crevice and void dwelling bats and **moderate** potential for day and maternity roosts for crevice dwelling bats and **low** potential for void dwelling bats. Overall, the building is classified as having **moderate** bat roosting potential.

Building 2-

Building B2 is single storey warehouse unit constructed in breezeblock and brickwork walls with corrugated metal cladding. Building B2 is connected to buildings B1 and B3. The exposed brickwork on the eastern elevation has large cracks and areas of missing pointing. Gaps were also identified between the cladding and the brickwork. The roof is pitched and constructed in corrugated sheets with metal facias with plastic skylights. Areas of facias are missing, and gaps are present between the facias and the brickwork. A large entrance with a metal roller shutter than was closed during inspection is present off the eastern elevation and gaps were noted between the shutter and brickwork. A second entrance is present off the western elevation and was open during inspection. A single storey extension is present off the western elevation. The extension is constructed in breeze block walls with a corrugated metal roof with wooden facias. Gaps were noted between the facias and walls. No evidence of bats was identified during the external inspection.

The building was assessed to have **negligible** hibernation potential for crevice and void dwelling bats and **moderate** potential for day and maternity roosts for crevice dwelling bats and **low** potential for void dwelling bats. Overall, the building is classified as having **moderate** bat roosting potential.

Building 3-

Building B3 is single storey warehouse unit constructed in brickwork walls with corrugated metal cladding on the western elevation. Building B3 is connected to buildings B2 and B4. The roof is pitched and constructed in corrugated metal sheets with plastic skylights present. The exposed brickwork on the eastern elevation is in good condition. The fascias are metal and small gaps were identified between the walls and fascias. A large entrance with a metal roller shutter that was closed during inspection is present off the eastern elevation and small gaps were noted between the shutter and brickwork. A second entrance is present off the western elevation and was open during inspection. A single storey extension storage shed is present off the western elevation. The extension is constructed in breeze block walls with a corrugated metal roof with metal fascias. Gaps were noted between the fascias and walls as well as between the roof and walls. No evidence of bats was identified during the external inspection.

The building was assessed to have **negligible** hibernation potential for crevice and void dwelling bats and **moderate** potential for day and maternity roosts for crevice dwelling bats and **low** potential for void dwelling bats. Overall, the building is classified as having **moderate** bat roosting potential.

Building 4-

Building B4 is a two-storey office block building. Building B4 is constructed in brickwork walls with a flat concrete roof. The brickwork is intact but has large areas of missing pointing. The fascias and soffit boards are wooden, and gaps are present between the soffit boards and fascias. The windows are single glazed within wooden painted frames and the paint was noted to be peeling. Windows on the eastern and southern elevation were open during inspection and a window on the western elevation was noted to be boarded up. The main entrance with closed metal shutters sits within the southern elevation and small gaps were noted between the shutter frame and walls. No evidence of bats was identified during the external inspection.

The building was assessed to have **negligible** hibernation potential for crevice and void dwelling bats and **moderate** potential for day and maternity roosts for crevice dwelling bats and **low** potential for void dwelling bats. Overall, the building is classified as having **moderate** bat roosting potential.

4.4 Great Crested Newt Habitat Suitability Index Assessment (GCN HSI)

Table 4.1: Standing Water Description and GCN HSI with full details in Appendix 6.

Standing water description	Photograph
Pond 1: is located 80m north-east of the site. The pond is ephemeral, holding approximately <5cm water deep. The pond has limited aquatic vegetation present within the pond and is surrounded by semi-improved grassland that had been heavily poached by horses. The HSI score was 0.43 meaning it has Poor suitability for use by great crested newt for breeding.	
Pond 2: is located 250m north-west of the site within Brick Wall Covert LWS. The pond is ephemeral and holding water approximately <5cm deep with no aquatic vegetation present and large amounts of leaf litter within the pond and surrounding. The HSI score was 0.42 meaning it has Poor suitability for use by great crested newt for breeding.	

4.5 Protected and Notable Species

Birds

The habitats within the site provide suitable foraging and nesting opportunities for bird species. These habitats include tall ruderal, scrub, scattered trees and buildings. During the survey, swallow, wood pigeon and blackbird were identified within the site.

The site does not contain suitable habitat for ground nesting birds or wintering birds as it is predominately hardstanding and buildings and is also prone to constant human disturbance. It is considered that these species will not be adversely impacted by the proposals.

Bats

The buildings (B1-B4) on site offer **moderate** potential to support bat roosts as detailed above in section 4.3. Evidence of bats was not identified within the site during the survey. An offsite oak tree that partially hangs over the western site boundary was noted to be ivy-clad and was assessed to provide **low** bat roost potential. The remaining trees on site were assessed to provide **negligible** bat roost potential during the time of the survey.

The scrub, tall ruderal and scattered trees within the site provide some limited suitability for commuting and foraging bats, with good connectivity to the surrounding land use.

Badger and other small mammals

The scrub, tall ruderal and scattered trees habitats within the site provide limited foraging and shelter habitat for badger and other small mammal species such as hedgehog. The site is well connected to the surrounding land use including Brick Wall Covert LWS that lies adjacent to the western site boundary. No evidence of badger or hedgehog was identified within the site during the survey.

Amphibians

No ponds are present within the site. One pond (TN4) that lies 80m north-east of the site and a second pond that lies 250m north-west of the site within Brick Wall Covert Local Wildlife Site (LWS). A further nine ponds are present within 500m of the site as mapped on Magic Maps.

The habitats within the site (scrub, scattered trees and tall ruderal) provide terrestrial habitats for amphibians and the site contains no physical barriers that prevent amphibians moving across the site to access offsite ponds.

Reptiles

The habitats within the site do not offer suitability to support reptiles. Ecotones are not present within the site and the habitats are scattered across the site with no suitable connectivity. The habitats within the site are prone to high human disturbance. Additionally, no records of reptiles were returned within 2km of the site. Reptiles do not require further consideration within this planning application and will not be discussed further within this report.

Invasive species

No non-native invasive species were identified within the site during the walkover survey.

Red Squirrel

Records were returned for red squirrel and the site provides some limited habitat for red squirrel within the scattered trees along the site boundaries. The site is well connected to Brick Wall Covert LWS to the west and the surrounding land use.

Brown Hare

Records were returned for brown hare however, there is no suitable habitat onsite for these species as the site is predominately hardstanding and buildings. It is considered that brown hare will not be adversely impacted by the proposals and will not be discussed further within this report.

Otter

Records were returned for otter within 2km of the site however there is no suitable aquatic habitat for otter on or within the vicinity of the site. Additionally, the majority of records returned were from Hockenhull Plats and River Gowy, approximately 1.9km south-east of the site. It is considered that otter will not be adversely impacted by the proposals and will not be discussed further within this report.

Water vole

Records were returned for water vole within 2km of the site, however there is no suitable aquatic habitat for water vole onsite or within the vicinity of the site. The site provides very little terrestrial habitat for water vole as it is predominately hardstanding and buildings making it unsuitable burrowing or foraging habitat for water vole. It is considered that water vole will not be adversely impacted by the proposals and will not be discussed further within this report.

5.0 Evaluation and Recommendations

5.1 Designated Sites and Habitats

There are no statutory sites within 2km of the development site, however multiple statutory sites including Sefton Coast SAC, Ribble and Alt Estuaries SPA, Ribble and Alt Estuaries Ramsar site, Mersey Narrows and North Wirral Foreshore SPA; and Mersey Narrows and North Wirral Foreshore Ramsar site lie within 5km of the site. These sites are protected under the Conservation of Habitats & Species Regulations 2017 (as amended). The possibility significant effects on European national and international sites area minimal due to the separation distance of over 5km means visual and noise impacts during construction phase will not significantly impact qualifying species of the European sites. Additionally, the increase of residential dwellings proposed will not provide a significant increase in operational impacts in terms of recreational pressure alone due to the existing usage of the Sefton Coast.

Non-statutory site Brick Wall Convert Local Wildlife Site (LWS) lies adjacent to the western site boundary. The proposals may indirectly influence the LWS due to the increase in recreational use from the new dwellings. Brick Wall Convert LWS is of particular importance to wildlife and supporting the local biodiversity and provides connectivity to the surrounding area. The site is recorded to support at least three locally rare species of plant including black bent, red bartsia and erect hedge-parsley. A mitigation strategy is recommended during the works to protect the area. The mitigation strategy will include monitoring throughout and following the completion of the proposed works to ensure no negative impacts are caused to the LWS. It is recommended that the northern and western site boundaries should be retained and enhanced within the proposals to provide a buffer between the LWS and development site. It is further recommended that connectivity to the site and the LWS is provided throughout and after the completion of the works.

The remaining non-statutory protected sites within the vicinity of the proposals are unlikely to be directly impacted by the proposals as they all lie over 450m from the site however, it is possible that there will be a small increase in recreational pressure to the surrounding non-statutory sites due to proposals. It is considered that there will be no adverse impact on any statutory or non-statutory sites in the vicinity as a result of the proposals.

The site lies within a Natural England SSSI Impact Risk Zone; however, Natural England will not need to be consulted for this type of planning proposal within the residential area as the proposed development does not fall under the likely impacts for the SSSI as detailed on MAGIC Maps. It is considered that there will be no impact on any SSSIs in the vicinity as a result of the proposals.

It is further recommended that trees along the site boundaries are retained and enhanced where possible to maintain connectivity throughout the site and to Brick Wall Convert Local Wildlife Site (LWS) that lies adjacent to the western site boundary. However, if any trees are to be removed to accommodate proposals, replacement planting comprising two additional trees for every tree lost is advised (Policy CS21 Greenspaces and Trees within Local Plan).

The habitats on site comprise hardstanding, scrub, tall ruderal, scattered trees and buildings. These habitats are considered to have an ecological value of **within the zone of influence** of the site or lower. The site contains no designated or priority habitats. The site does lie within the Green Belt; however, the site is already currently developed for industrial use and trees along the site boundaries provide natural screening to the existing development. Overall, the proposals are unlikely to adversely affect the ecological value of the area.

The production of the Defra Metric Biodiversity Net Gain Calculations is recommended to minimise impacts of biodiversity and provide net gains in biodiversity and the production of a Management Plan to ensure the long-term commitments to manage the planting, protection and enhancement of biodiversity in and around the new development site.

5.2 Protected and Notable Species

Birds

The scattered trees, buildings, tall ruderal and scrub provide suitable habitat for nesting and foraging bird species. It is recommended that vegetation clearance, pruning and building works should be undertaken outside of the nesting bird season (1st March to 31st August Inclusive) to avoid any impact on breeding birds. If works cannot be undertaken outside of the breeding bird season, a nesting bird check undertaken by a suitably experienced ecologist should be undertaken immediately prior to works commencing. If an active birds' nest is identified a suitable buffer zone should be implemented where no works are to occur within until the young have fledged the nest.

Bats

Bat records were returned within 2km of the site. The closest record was recorded 240m south-west of the site.

The habitats on site provide **low** suitability for commuting and foraging bats. The buildings (B1-B4) on site were assessed to provide **moderate** potential for bats due to the multiple access points identified under the facias and between the brickwork walls. The buildings (B1-B4) will be demolished to accommodate the proposals within the site.

A dusk emergence survey was carried out at buildings B1, B2, B3 and B4 on 5th September 2022 by Lizzie Atkinson (Lead Surveyor), Evie Berry, Lauren Hadford, Amy Swindells, John Lindsay and Hannah Pimpen. During the survey four common pipistrelle bats were recorded to emerge from building B2. No bats were identified to emerge building B1, B3 and B4. A moderate level of activity was recorded with common pipistrelle, soprano pipistrelle and noctule foraging and commuting activity recorded within the site. A dawn re-entry survey was carried out at buildings B1, B2, B3 and B4 on 22nd September 2022 by Liz Kenyon (Lead surveyor), Lauren Hadford, Niall Doherty, Hannah Pimpen, Darnell Shaw and John Lindsay. No bats were identified to re-enter buildings B1, B2, B3 and B4 and a low level of bat activity was recorded with common pipistrelle, soprano pipistrelle, brown long-eared bat and noctule foraging and commuting activity recorded throughout the survey. The nocturnal bat surveys are detailed within the report *Ascerta P.1712.22 Bat Nocturnal Surveys, Netherley Road* which should be read in conjunction with this report.

Following the first nocturnal survey which recorded bats emerging from B2, the bat roost potential was increased from **moderate** to **high** and will require one further nocturnal survey (to be carried out between May and August). Following this survey on building B2, an application to Natural England will be required with regards to acquiring a European Protected Species licence in order that the bat roost can be destroyed in the appropriate manner. Further nocturnal surveys are being carried out in 2023 by Ascerta.

The nocturnal surveys carried out in 2022 confirmed that buildings B1, B3 and B4 are not being used as a roost by bats at the time the surveys. Updated surveys in 2023 are being carried out by Ascerta. Due to the proximity of the buildings (B1, B3 and B4) to B2, it is recommended that a Bat Mitigation Methods Statement is produced and implemented prior to the start of works to ensure there is no loss of roosting provision, this will include the provision of bat boxes. It is further recommended that works occur during the winter months between October and March and a Tool Box Talk is given to all contractors prior to the start of works. Soft demolition only under ecological supervision may also be required for works within close proximity of B2 with the identified bat roost. As a bat roost has been identified within B2, which directly connects to buildings B1 and B3, a nocturnal survey immediately prior to the start of works may be required to ensure bats are not using the buildings as a roost.

An offsite oak tree that partially hangs over the western site boundary was noted to be ivy-clad and was assessed to provide **low** bat roost potential. It is currently unknown which trees are to be removed or pruned to accommodate proposals but if this oak tree is to be pruned at a later date to accommodate proposals, it may require further inspection of soft felling in the presence of a licensed ecologist.

The remaining trees on site were assessed to provide **negligible** bat roost potential during the time of the survey, however bat roost features can develop as trees age, therefore if works have not begun by May 2023, a preliminary roost assessment of all trees to be removed or pruned to accommodate proposals is recommended.

Badger and other small mammals

The site provides limited habitat for badger and hedgehog within the scrub and scattered trees and Brick Wall Covert LWS lies adjacent to the western site boundary. These onsite habitats are likely to be impacted by the proposals and therefore, it is recommended that a Badger and Hedgehog Reasonable Avoidance Measures (RAMS) Method Statement is implemented during the works to avoid harm to this species. The RAMS should include:

- Vegetation clearance applies to all habitats cleared in daytime air temperatures above 5°C. Works must be avoided in cold temperatures or if prior overnight temperatures have been less than 1°C;
- The cut material is to be chipped and placed in discrete piles outside the working areas or removed from the site;
- Existing tracks should be utilised for vehicle movements where possible;
- Throughout the works all trenches must be covered at night or ramps provided to prevent badger and hedgehog from getting stuck. Large pipes must also be covered to prevent badger access and risk of these species getting stuck; and
- Construction material will be stored on pallets to avoid creating habitat for hedgehog and badger.

To enable hedgehog continued use of the site it is advised that gaps of at least 13cm by 13cm are left under any new garden fences to enable hedgehog to roam freely within the area following development.

Amphibians

No ponds are present within the site. One pond (TN4) that lies 80m north-east of the site and a second pond that lies 250m north-west of the site within Brick Wall Covert Local Wildlife Site (LWS). A further nine ponds are present within 500m of the site as mapped on Magic Maps. The two offsite ponds within 250m of the site were assessed for GCN suitability on 3rd May 2023 by Lizzie Atkinson and Liz Kenyon. The two ponds both returned a poor GCN HSI score and were ephemeral within limited aquatic vegetation present, making for unfavourable breeding habitat for GCN. It is considered that GCN are unlikely to present within the site and will not be impacted by the proposals.

The terrestrial habitats do provide refuge areas and connectivity corridors for amphibians and there are no physical barriers from preventing amphibians access to the site. These habitats are likely to be impacted by the proposals and therefore, it is recommended as the areas to be lost and small in size that an Amphibian Reasonable Avoidance Measures (RAMS) Method Statement is produced and implemented during the works to avoid harm to this species.

Red Squirrel

Red squirrel records were returned within 2km of the site and the onsite habitats provides some limited habitat for red squirrel within the scattered trees and the site is well connected to the surrounding land use including Brick Wall Covert LWS that lies adjacent to the western site boundary. It is recommended that the trees to the site boundaries are retained to allow red squirrel to move through the site. To enhance the site further for red squirrel it is recommended that any future landscaping uses small seed-bearing species that encourage red squirrel. Favourable tree species include Scots pine, willow, rowan and hawthorn (full red squirrel recommended planting is listed in section 5.3).

5.3 Enhancements

In order to meet requirements for biodiversity protection and enhancement outlined within the NPPF, it is recommended that ecological enhancements are included. These could include:

1. Provision of 4 bird boxes (28mm and 32mm entrance hole box, house sparrow terrace, swift box), attached to or integrated within new buildings or retained tree on site;
2. Provision of 4 bat features (e.g. Vivara Pro WoodStone Bat box or similar) attached to a retained tree on site or provision of a bat box (e.g. Vivara bat bricks or '*bird brick houses*' bat boxes) integrated within new buildings;
3. Planting that is favourable for red squirrel to provide areas of refuge and to improve connectivity to surrounding landscape. Suitable tree species to include in landscaping include Scots pine, willow, rowan, birch, hawthorn, blackthorn, alder and holly;
4. Replacement tree planting for any trees due to be removed to accommodate proposals comprising two additional trees for every tree lost; and
5. Retain and enhance site boundaries to enhance connectivity to the surrounding land use with suitable landscaping incorporating species that provide a food or shelter resource to wildlife to include hawthorn, hazel, holly, blackthorn, field maple, dog rose and honeysuckle as hedgerow species and oak, alder, field maple, silver birch, crab apple, rowan and bird cherry as tree species together with implementing a relaxed mowing regime and establishing wildflowers in these areas.

6.0 Conclusions

The site was subject to an extended phase one habitat survey and a preliminary bat roost assessment of all buildings. During the survey and following review of historical species records, it is considered that an impact on birds, bats, badger, amphibians and hedgehog are likely to occur in relation to the proposals for the site. The following recommendations have been made to avoid an impact on these species:

- Updated nocturnal bat surveys to be carried out at buildings B1, B2, B3 and B4 (between May and August) are currently being carried out by Ascerta to further inform recommendations;
- An application to Natural England will need to be made with regards to acquiring a European Protected Species licence in order that the bat roost can be destroyed in the appropriate manner at building B2;
- If works are not begun by September 2023, a preliminary bat roost assessment of all trees to be removed or pruned to accommodate proposals will be required to inform further recommendations if required;
- Production of a Bat Mitigation Measures report to be produced and implemented to ensure there is no loss of roosting provision or harm to bats during the works;
- Soft demolition of buildings B1 and B3 under ecological supervision and a Tool Box Talk to be given to all contractors;
- Production and implementation of a Construction Environmental Management Plan (CEMP) to protect Brick Wall Covert Local Wildlife Site (LWS) that lies adjacent to the western site boundary during works;
- Sensitive lighting to be used to meet the Bat Conservation Trust lighting guidance so not to cause a detrimental effect to light sensitive species;
- Production and implementation of an amphibian RAMS to avoid any harm to this species during the proposed works;
- Implementation of a badger and hedgehog RAMS (section 5.2) to avoid any harm to this species during the proposed works;
- Vegetation clearance, pruning and building works should be undertaken outside of the nesting bird season (1st March to 31st August Inclusive) to avoid any impact on breeding birds. Or a nesting bird check undertaken by a suitably experienced ecologist should be undertaken immediately prior to works commencing;
- Provision of planting that is favourable for red squirrel to provide areas of refuge and to enhance connectivity to the surrounding landscape (section 5.3);
- Retain and enhance site boundaries through appropriate landscape planting that includes native, species rich hedgerows, trees and areas of wildflowers plus provision of integrated bat and bird features within newly constructed buildings;
- Production of the Defra Metric Biodiversity Net Gain Calculations to minimise impacts on biodiversity and provide net gains in biodiversity; and
- Production of a Management Plan to ensure the long-term commitments to manage the planting, protection and enhancement of biodiversity in and around a new development site.

It is considered that there would be very limited impacts on the local ecology as a result of the proposals, provided the recommendations detailed within section 5.0 above are followed.

7.0 References

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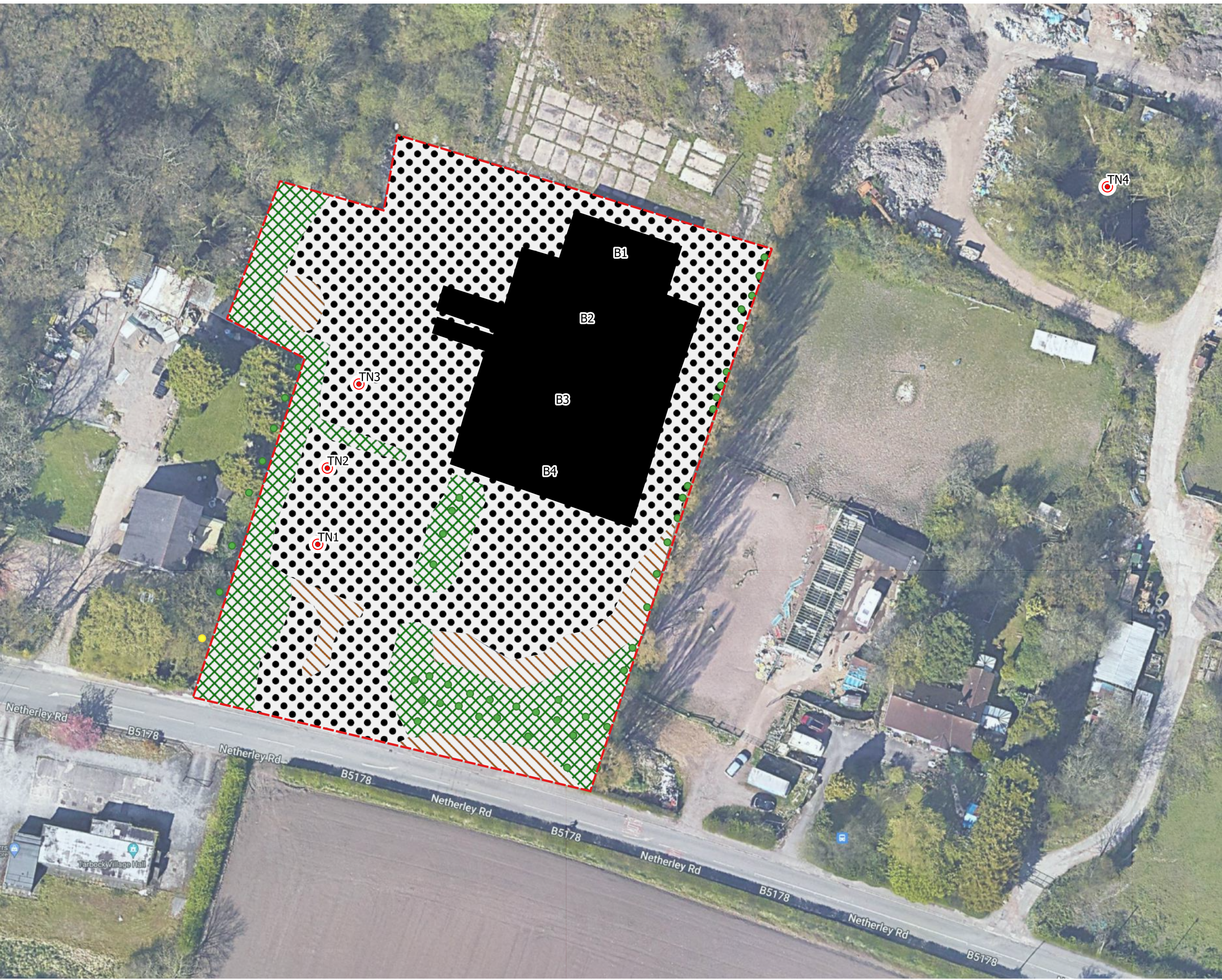
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Appendix 1



Key

- Site boundary
- J4 - Hardstanding
- J3.6 - Buildings
- C3.1 - Tall ruderal
- A2.1 - Scrub
- Scattered trees
- Low BRP
- Target notes

TN1 - Pallets
TN2 - Fly tipping
TN3 - Printing ink barrels
TN4 - Offsite pond

BRP - Bat roost potential

DO NOT SCALE.
ALL COORDINATES RELATED TO LOCAL GRID.
LOCATED TO NG BY BEST FIT TO DETAIL.
EXTRACTED FROM OS DIGITAL DATA.

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PROJECT:
Netherley Road, Tarbock Green

DRAWING TITLE:
Phase One Habitat Survey

SCALE: NTS@A3	DRAWN BY: LA	DRAWING No: P.1622.22.01
DATE: 18/05/2022	CHKD BY: LK	REV: -

Appendix 2

Species Lists and Target Notes

Table 1: Flora Species

English Name	Scientific Name
Alder	<i>Alnus glutinosa</i>
Ash	<i>Fraxinus excelsior</i>
Bindweed	<i>Convolvulus arvensis</i>
Bramble	<i>Rubus fruticosus agg</i>
Broadleaved dock	<i>Rumex obtusifolius</i>
Buddleja	<i>Buddleja</i>
Bulrush	<i>Scirpoides holoschoenus</i>
Cherry	<i>Prunus sp.</i>
Cleavers	<i>Galium aparine</i>
Compact rush	<i>Juncus conglomeratus</i>
Crack willow	<i>Salix fragilis</i>
Dandelion	<i>Taraxacum officinale</i>
Goat willow	<i>Salix caprea</i>
Hawthorn	<i>Crataegus monogyna</i>
Herb robert	<i>Geranium robertianum</i>
Ivy	<i>Hedera helix</i>
Leyland cyprus	<i>Cupressus × leylandii</i>
Moss	<i>Bryophyta sp.</i>
Oak	<i>Quercus robur</i>
Poplar	<i>Populus sp.</i>
Ragwort	<i>Senecio jacobaea / Jacobaea vulgaris</i>
Reed canary grass	<i>Phalaris arundinacea</i>
Soft rush	<i>Juncus effusus</i>
Stinging nettle	<i>Urtica dioica</i>
Sycamore	<i>Acer pseudoplatanus</i>
Willowherb	<i>Epilobium sp.</i>

Table 2: Target Notes

Target Note Number	Description
TN1	Pallets
TN2	Fly tipping
TN3	Printing ink barrels
TN4	Offsite pond

Appendix 3

Photographs

Table 3: Photographs of the site

	
Photograph 1: Signage on site entrance	Photograph 2: Scattered trees along the eastern site boundary
	
Photograph 3: Scattered trees along the southern site boundary	Photograph 4: Scattered trees along the southern site boundary



Photograph 5: Trees along the southern site boundary



Photograph 6: Tall ruderal vegetation encroaching hardstanding



Photograph 7: Tall ruderal vegetation within south of the site



Photograph 8: Scrub within the south of the site



Photograph 9: Scrub within the west of the site



Photograph 10: Hardstanding yard



Photograph 11: Building B1 from the open entrance on the eastern elevation



Photograph 12: Gaps between the sliding doors and wall on eastern elevation of B1



Photograph 13: Eastern and northern elevation of building B2



Photograph 14: Gaps present between adjoining walls on north-eastern corner of B2



Photograph 15: Eastern elevation of B2 with large crack and missing pointing in brickwork



Photograph 16: Western elevation of B2 with single storey extension



Photograph 17: Western elevation of B3



Photograph 18: Single storey storage shed of western elevation of B3



Photograph 19: Southern elevation of B4



Photograph 20: Eastern elevation of B4



Photograph 21: Pallets (TN1)



Photograph 22: Printing ink barrels (TN3)



Photograph 23: Printing ink barrels (TN3)



Photograph 24: Fly tipping (TN2)

Appendix 4

Relevant Legislation

European Legislation

The following Directives have been adopted by the European Union and provide protection for fauna and flora species of European importance and the habitats which support them:

- Directive 2009/147/EC on the Conservation of Wild Birds (Birds Directive);
- Directive 92/43/EEC of 21 May 1992 on the conservation of natural habitats and of wild fauna and flora (Habitats Directive).

UK Legislation

The Habitats Directive has been transposed into national legislation through the Conservation of Habitats and Species (Amendment) (EU Exit) Regulations 2019 (The Habitats Regulations). This provides for the designation and protection of 'European Sites' (SPAs, SACs and Ramsar Sites, including proposed or potential European Sites) and the protection of 'European Protected Species'.

The key UK legislation relating to nature conservation is the Wildlife and Countryside Act 1981 (as amended) (W&C Act). This Act is supplemented, *inter alia*, by provision in the Countryside and Rights of Way (CROW) Act 2000, and the Natural Environment and Rural Communities Act 2006 (NERC Act). Additional species and habitat specific UK legislation includes the Protection of Badgers Act 1992 and the Hedgerow Regulations 1997.

The Environment Act sets out how the UK will maintain environmental standards following leaving of the EU. The Bill builds on the vision of the 25 Year Environment Plan, with the ambition from the government to leave the environment in a better state than it was when inherited.

The Defra Biodiversity Metric is being implemented to work alongside the Environment Act. This tool calculates potential biodiversity impacts as a result of development and identifies mitigation and compensation requirements to ensure no net loss of biodiversity. In addition, it identifies measures that can be implemented in order to meet Biodiversity gain as a result of development. Defra released a beta version of the biodiversity metric in July 2019, with the most recent revision in March 2023. This metric is likely to be the default metric used by councils, with the most recent version to be submitted to support a planning application.

The National Planning Policy Framework (NPPF) 2021 has been published to provide further planning guidance. Wildlife, biodiversity and ecological networks are referred to in Section 15 '*Conserving and enhancing the natural environment*'. The NPPF states that the planning system should contribute to and enhance the natural and local environment by: recognising the wider benefits of ecosystem services, minimising impacts on biodiversity and providing net gains for biodiversity, including by establishing coherent ecological networks that are more resilient to current and future pressures. Further guidance is provided within Government Circular *06/05: Biodiversity and Geological Conservation - Statutory Obligations and Their Impact Within the Planning System*.

Species and Habitats of Principal Importance

Species and Habitats of Principal Importance are listed under section 41 of the NERC Act and are a material consideration in planning decisions. Planners require relevant, up to date information from ecological surveys in order to assess the effects of a proposed development on biodiversity as Councils have a statutory obligation under section 40 of the NERC Act to consider biodiversity conservation in the determination of planning applications.

Background information about the lists of priority habitats and species (Species and Habitats of Principal Importance) can be found within the UK Biodiversity Action Plan (UK BAP). Although this has been succeeded by the '*UK Post-2010 Biodiversity Framework*', many of UK BAP tools are still relevant. BAPs identify habitats and species of nature conservation priority on a UK (UK BAP) and Local (LBAP) scale. Most BAP priority habitats and species have Habitat Action Plans (HAP) and Species Action Plans (SAP) and there are also "grouped action plans" for groups of related species with similar conservation requirements. The LBAP relating to this Site is the North Merseyside Biodiversity Action Plan.

Badgers

The legislation protecting badgers in England and Wales is the Protection of Badgers Act 1992.

Under the Protection of Badgers Act 1992 it is an offence *inter alia* to:

- Wilfully kill, injure or take a badger, or to attempt to do so;
- Cruelly ill-treat a badger; or
- Intentionally or recklessly interfere with a badger sett by (a) damaging a sett or any part of one; (b) destroying a sett; (c) obstructing access to or any entrance of a sett; (d) causing a dog to enter a sett; or (e) disturbing a badger when it is occupying a sett.

The Badger Act 1992 defines a badger's sett as "*any structure or place which displays signs indicating current use by a badger*"

Natural England can issue licences to enable works to continue that may affect a protected species. In relation to disturbance of badgers, Natural England (2009) gives guidelines on disturbance which will require a licence. These includes: "*using very heavy machinery (generally tracked vehicles) within 30 metres of any entrance to an active sett; using lighter machinery (generally wheeled vehicles), particularly for any digging operation, within 20 metres; light work such as hand digging or scrub clearance within 10 metres. There are some activities which may cause disturbance at greater distances (such as using explosives or pile driving) and these should be given individual consideration.*"

Bats

In England, all bats and their roosts are protected under the Conservation of Habitats and Species Regulations 2017 and the Wildlife & Countryside Act 1981 (as amended). Several species of bat are also highlighted as Priority Species under the UK Biodiversity Action Plan and within the Local BAP.

Under the current legislation as summarised on pages 8 and 9 of the Bat Surveys for Professional Ecologists Good Practice Guidelines – 3rd Edition (2016) it is a criminal offence to:

“To kill, capture, injure or take a wild bat;

- To damage or destroy a place used by a bat for breeding or resting. All offences of this nature are identified within the Habitats Regulations. This offence is unique in that it can be committed accidentally. No element of intentional, reckless or deliberate action needs to be evidenced;*
- To disturb bats anywhere (roosts, flight lines or foraging areas) if levels of disturbance can be shown to impair their ability to survive, to breed or reproduce, to rear or nurture their young, to hibernate or migrate or to affect significantly local distribution or abundance;*
- To intentionally or recklessly disturb a bat, whilst it is occupying a place of shelter or protection;*
- To intentionally or recklessly obstruct access to any place used by a bat for shelter or protection; and*
- To be in possession or control of a bat alive or dead (or any part of a bat or anything derived from a bat, although bat droppings are generally considered to be acceptable), or to transport a bat, to sell or exchange a bat or to offer to sell or exchange a bat taken from the wild.”*

Breeding Birds

Breeding Birds are protected under the Wildlife and Countryside Act which make it an offence to:

- intentionally kill, injure or take any wild bird or take, damage or destroy the nest of any wild bird whilst it is in use or being built;*
- intentionally take or destroy the egg of any wild bird;*
- have in one's possession or control any wild bird, dead or alive, or any part of a wild bird (including eggs), which has been taken in contravention of the Act or the Protection of Birds Act 1954;*
- intentionally or recklessly disturb any wild bird listed on Schedule 1 while it is nest building, or at a nest containing eggs or young, or disturb the dependent young of such a bird.*

Great Crested Newt

The great crested newt (*Triturus cristatus*) is fully protected under the Wildlife and Countryside Act, 1981 (as amended) and the Habitats Regulations, 2017. It is also a Species of Principal Importance. The legislation makes it an offence to:

- Deliberately (or intentionally) kill, injure or capture (or take) a great crested newt, or great crested newt egg or eft;*

- *Deliberately (intentionally) damage or destroy any breeding site or resting place (i.e. pond, refuge, hibernaculum);*
- *Deliberately or recklessly obstruct access to any breeding site or resting place;*
- *Deliberately, intentionally or recklessly disturb a great crested newt, in particular disturbance which is likely to:*
 - *impair the ability of the great crested newt to survive, breed, reproduce, or to rear or nurture young;*
 - *impair the ability of the great crested newt to hibernate or migrate; or significantly affect the local distribution or abundance of great crested newts*

Invasive Species

It is an offence under Section 14(2) of the Wildlife and Countryside Act 1981 to '*plant or otherwise cause to grow*' in the wild any plant in Schedule 9 Part II.

Other Aquatic Species

Water vole (*Arvicola amphibious*) are a Species of Principal Importance and also fully protected under Schedule 5 of the Wildlife and Countryside Act 1981 (as amended) which makes it an offence to:

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

Invertebrates

The site's suitability for supporting invertebrates was assessed during the site visit. This included making note of key plant species that could be used by notable invertebrates, together with incidental invertebrates recorded on the day.

It is a criminal offence to intentionally, wilfully kill, injure or take any of the aforementioned protected species or to destroy or disturb its habitat.

Local Policy

The site lies within Knowsley and is covered by The Knowsley Local Plan Core Strategy (adopted 6th January 2016). Policies CS2 (Principal 4) and CS8 aim to ensure biodiversity is retained and enhanced during development and biodiversity protection is referenced in other policies including CS19, CS21, CS23 and CS24. These policies have been taken into account when preparing this report.

Appendix 5



Biodiversity Information Report 09/05/2022

**MBB reference: 3632-Ascerta
Site: Netherley Road, Tarbock Green**



Your Ref: None supplied
Your contact: Liz Kenyon

MBB Ref: 3632-Ascerta
MBB Contact: Ben Deed

Date: 09/05/2022

Merseyside BioBank biodiversity information report

These are the results of your data request relating to **an area at Netherley Road, Tarbock Green defined by a buffer of 2000 metres around the centre of grid reference SJ46208762.**

You have been supplied with the following:

- records of **protected** taxa that intersect the search area
- records of **BAP** taxa that intersect the search area
- records of **Red Listed** taxa that intersect the search area
- records of other '**notable**' taxa that intersect the search area
- records of WCA schedule 9 taxa (including '**invasive plants**') that intersect the search area
- a map showing the location of monad and tetrad references that overlap the search area
- a list of all **designated sites** that intersect your search area
- citations, where available, for intersecting Local Wildlife Sites
- a list of **other sites of interest** (e.g. Ancient Woodlands) that intersect your search area
- a map showing such sites
- a list of all **BAP habitats** which intersect the search area
- a map showing BAP habitats
- a summary of the area for all available mapped **Phase 1 and/or NVC habitats** found within 500m of your site
- a map showing such habitats

Merseyside BioBank (MBB) is the Local Environmental Records Centre (LERC) for North Merseyside. We collect and collate biological and environmental information and make it available to people and organisations that have need to access such information in North Merseyside. We promote the North Merseyside Biodiversity Action Plan and wider participation in biological recording and conservation through education, community involvement and by supporting the biological recording community of North Merseyside.

Merseyside BioBank is an information node of the National Biodiversity Network (NBN) and integrate records from our own databases with those of the NBN Atlas.

The product charge for this data request is not a charge for the data themselves, but rather a fixed rate that enables us to cover a portion of our running costs. Our annual income from data requests is something less than 20% of our total running costs.

Species records

The biological records held by Merseyside BioBank come from a variety of sources; from large organisations to individual amateur naturalists. Merseyside BioBank operates as managers or custodians of these records but the individuals and groups, who provide their records free of charge, retain copyright on their data. Without their contribution, we would not be able to provide the records included in this report. Their efforts, expertise and goodwill make a substantial contribution to the protection of North Merseyside's biodiversity.

You may only use the records in this document subject to our access terms and conditions which can be found in Appendix 1. Non-adherence to these terms and conditions will be viewed as a breach of contract, which may result in legal redress being sought.

This report also integrates records from the NBN Atlas. Some NBN data providers give us permission to download and integrate their records at a higher resolution than available through public access in order to contribute to the protection of North Merseyside's biodiversity.

Details of the biological records summarised in the following tables, and the sources from which they are derived, are included in appendix 2 of this report. Note that the date ranges in the summary tables (headed 'Dates') show the earliest and latest years for which records have been summarised for each taxon.

UK Protected Species

'UK Protected species' are those taxa specifically identified by UK legislation including: Wildlife & Countryside Act 1981 (as amended); Protection of Badgers Act 1992; Conservation of Habitats and Species Regulations 2017. The latter regulations enact the European Union's (EU) Habitats Directive (92/43/EEC) in the UK and supercede The Conservation Regulations 1994 and 2010. In our list of protected species, you may see designations that refer to schedules in the 1994 and 2010 regulations, but these remain unchanged under the 2017 regulations.

Some protected species may not be legally disturbed unless you are in possession of an appropriate license. If you are in any doubt as to whether or not a license is required, you should contact Natural England.

The following tables detail the protected species that were recorded in the search area.

Group	Common Name	Scientific Name	Records	Dates	Designations
amphibian	Common Frog	<i>Rana temporaria</i>	94	1981-2021	WCA5/9.5a
	Common Toad	<i>Bufo bufo</i>	35	1971-2021	WCA5/9.5a
	Great Crested Newt	<i>Triturus cristatus</i>	17	2004-2021	HabRegs2,WCA5/9.4b,WCA5/9.5a,WC A5/9.4c
	Smooth Newt	<i>Lissotriton vulgaris</i>	44	1996-2021	WCA5/9.5a
bird	Barn Owl	<i>Tyto alba</i>	6	1997-2005	WCA1i
	Kingfisher	<i>Alcedo atthis</i>	5	1997-2014	WCA1i
	Little Ringed Plover	<i>Charadrius dubius</i>	3	1999-2005	WCA1i
flowering plant	Bluebell	<i>Hyacinthoides non-scripta</i>	98	1968-2021	WCA8
insect - butterfly	White-letter Hairstreak	<i>Satyrrium w-album</i>	2	2010-2012	WCA5/9.5a
terrestrial mammal	Bat	<i>Chiroptera</i>	20	1987-2019	HabRegs2
	Bats	<i>Vespertilionidae</i>	1	1989	HabRegs2
	Brown Long-eared Bat	<i>Plecotus auritus</i>	6	1995-2012	HabRegs2,WCA5/9.4b,WCA5/9.5a,WC A5/9.4c
	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	10	2002-2019	HabRegs2,WCA5/9.4b,WCA5/9.5a,WC A5/9.4c
	Daubenton's Bat	<i>Myotis daubentonii</i>	1	1991	HabRegs2,WCA5/9.4b,WCA5/9.5a,WC A5/9.4c
	Eurasian Badger	<i>Meles meles</i>	4	2015-2016	PBA
	Eurasian Otter	<i>Lutra lutra</i>	18	2015-2017	HabRegs2,WCA5/9.4b,WCA5/9.5a,WC

				A5/9.4c
Eurasian Red Squirrel	<i>Sciurus vulgaris</i>	2	2008	WCA5/9.1k/I,WCA5/9.1t,WCA5/9.2,WC A5/9.4.a,WCA5/9.4b
European Water Vole	<i>Arvicola amphibius</i>	102	1989-2021	WCA5/9.4.a,WCA5/9.4b,WCA5/9.4c
Feral Ferret	<i>Mustela putorius subsp. furo</i>	1	1993	HabRegs4
Myotis Bat species	<i>Myotis</i>	1	2007	HabRegs2,WCA5/9.4b,WCA5/9.5a,WC A5/9.4c
Noctule Bat	<i>Nyctalus noctula</i>	8	1988-2018	HabRegs2,WCA5/9.4b,WCA5/9.5a,WC A5/9.4c
Pipistrelle Bat species	<i>Pipistrellus</i>	13	1999-2015	HabRegs2,WCA5/9.4b,WCA5/9.5a,WC A5/9.4c
Soprano Pipistrelle	<i>Pipistrellus pygmaeus</i>	3	2003-2019	HabRegs2,WCA5/9.4b,WCA5/9.5a,WC A5/9.4c
Whiskered/Brandt's Bat	<i>Myotis mystacinus/brandtii</i>	1	2003	HabRegs2,WCA5/9.4b,WCA5/9.5a,WC A5/9.4c

Desig. Code	Desig. Name	Designation Description
WCA5/9.5a	Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5a)	Section 9.5 Animals which are protected from being sold, offered for sale or being held or transported for sale either live or dead, whole or part.
HabRegs2	The Conservation (Natural Habitats, &c.) Regulations 2010 (Schedule 2)	Schedule 2- European protected species of animals.
WCA5/9.4b	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.
WCA5/9.4c	Wildlife and Countryside Act 1981 (Schedule 5)	Animals which are protected from their access to any structure or place which they use for shelter or protection being obstructed.
WCA1i	Wildlife and Countryside Act 1981 (Schedule 1 Part 1)	Birds and their young, for which it is an offence to intentionally or recklessly disturb at, on or near an active nest. They are protected by special penalties at all times.
WCA8	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).
PBA	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.
WCA5/9.1k/I	Wildlife and Countryside Act 1981 (Schedule 5 Section 9.1 (killing/injuring))	Section 9.1. Animals which are protected from intentional killing or injuring.
WCA5/9.1t	Wildlife and Countryside Act 1981 (Schedule 5 Section 9.1 (taking))	Section 9.1 Animals which are protected from taking.
WCA5/9.2	Wildlife and Countryside Act 1981 (Schedule 5 Section 9.2)	Section 9.2 Animals which are protected from being possessed or controlled (live or dead).
WCA5/9.4.a	Wildlife and Countryside Act 1981 (Schedule 5 Section 9.4, subdivision a)	Section 9.4 subdivision a - Animals which are protected from intentional damage or destruction to any structure or place used for shelter or protection.
HabRegs4	The Conservation (Natural Habitats, &c.) Regulations 2010 (Schedule 4)	Schedule 4- Animals which may not be taken or killed in certain ways

North Merseyside BAP Species

The North Merseyside Biodiversity Action Plan (NM BAP) was published in September 2001 and last reviewed in 2008. Like other Local Biodiversity Action Plans (LBAPs) its purpose is to focus local conservation on national priority species and habitats. However, LBAPs also embrace the idea of 'local distinctiveness' and species which are not considered UK conservation priorities can be catered for by LBAPs if they are of particular local significance. Such is the case with the NM BAP which currently names 74 species of which 57 are not conservation priority species but are included because their conservation is considered to be a priority in North Merseyside.

The following tables detail the North Merseyside BAP species that were recorded in the search area.

Group	Common Name	Scientific Name	Records	Dates	Designations
amphibian	Great Crested Newt	<i>Triturus cristatus</i>	17	2004-2021	LBAP
bird	Corn Bunting	<i>Emberiza calandra</i>	12	1994-2005	LBAP
	Grey Partridge	<i>Perdix perdix</i>	26	1998-2007	LBAP
	House Martin	<i>Delichon urbicum</i>	8	1998-2005	LBAP
	House Sparrow	<i>Passer domesticus</i>	10	1998-2005	LBAP
	Lapwing	<i>Vanellus vanellus</i>	15	1998-2008	LBAP
	Skylark	<i>Alauda arvensis</i>	26	1998-2008	LBAP
	Song Thrush	<i>Turdus philomelos</i>	14	1998-2008	LBAP
	Starling	<i>Sturnus vulgaris</i>	11	1998-2008	LBAP
	Swift	<i>Apus apus</i>	6	1998-2005	LBAP
flowering plant	Bluebell	<i>Hyacinthoides non-scripta</i>	98	1968-2021	LBAP
insect - dragonfly (Odonata)	Azure Damselfly	<i>Coenagrion puella</i>	46	1989-2011	LBAP
	Banded Demoiselle	<i>Calopteryx splendens</i>	25	2009-2020	LBAP
	Black-tailed Skimmer	<i>Orthetrum cancellatum</i>	4	2005	LBAP
	Blue-tailed Damselfly	<i>Ischnura elegans</i>	47	1991-2011	LBAP
	Broad-bodied Chaser	<i>Libellula depressa</i>	19	2006-2018	LBAP
	Brown Hawker	<i>Aeshna grandis</i>	9	1989-2014	LBAP
	Common Blue Damselfly	<i>Enallagma cyathigerum</i>	9	1982-2005	LBAP
	Common Darter	<i>Sympetrum striolatum</i>	27	1990-2019	LBAP
	Common Hawker	<i>Aeshna juncea</i>	2	1990	LBAP
	Emperor Dragonfly	<i>Anax imperator</i>	24	2005-2020	LBAP
	Four-spotted Chaser	<i>Libellula quadrimaculata</i>	22	1999-2020	LBAP
	Migrant Hawker	<i>Aeshna mixta</i>	8	2008-2019	LBAP
	Ruddy Darter	<i>Sympetrum sanguineum</i>	1	2019	LBAP
	Southern Hawker	<i>Aeshna cyanea</i>	5	2000-2019	LBAP
terrestrial mammal	Bat	<i>Chiroptera</i>	20	1987-2019	LBAP
	Bats	<i>Vespertilionidae</i>	1	1989	LBAP
	Brown Hare	<i>Lepus europaeus</i>	39	1905-2019	LBAP
	Brown Long-eared Bat	<i>Plecotus auritus</i>	6	1995-2012	LBAP
	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	10	2002-2019	LBAP
	Daubenton's Bat	<i>Myotis daubentonii</i>	1	1991	LBAP
	Eurasian Red Squirrel	<i>Sciurus vulgaris</i>	2	2008	LBAP
	European Water Vole	<i>Arvicola amphibius</i>	102	1989-2021	LBAP
	Myotis Bat species	<i>Myotis</i>	1	2007	LBAP
	Noctule Bat	<i>Nyctalus noctula</i>	8	1988-2018	LBAP
	Pipistrelle Bat species	<i>Pipistrellus</i>	13	1999-2015	LBAP
	Soprano Pipistrelle	<i>Pipistrellus pygmaeus</i>	3	2003-2019	LBAP
	Whiskered/Brandt's Bat	<i>Myotis mystacinus/brandtii</i>	1	2003	LBAP

Desig. Code	Desig. Name	Designation Description
LBAP	North Merseyside BAP	Species that are incorporated within the North Merseyside Biodiversity Action Plan. These species may or may not also be UK BAP species. Some species have their own action plans within the NM BAP, others are members of group species action plans.

NM BAP species: Great Crested Newt (*Triturus cristatus*)

Great Crested Newt is thought to have been in decline since the 1940s. Over a period of five years in the 1980s 2% of all UK colonies were lost, and although Britain remains a stronghold for this species, it is now considered to be dependant on conservation and is afforded international protection.

There is no current North Merseyside population estimate, though recent surveys suggest that in the general North West area around 25% of ponds have Great Crested Newts. A study of the parts of the Sefton Coast showed that a number of populations were present.

This species is highly dependant on the quality of ponds and also the habitat in the surrounding area (where they forage and hibernate away from the water). Habitat loss is the greatest cause of decline with many ponds being drained or drying up as a result of natural succession. Removal of scrub and woodland in addition to over-grazing and intensive management of surrounding grassland is also detrimental. Other factors which may affect population levels include predation by fish and waterfowl, habitat fragmentation and pollution.

NM BAP species: Corn Bunting (*Emberiza calandra*)

Nationally this species has significantly declined with a loss of 90% of the UK population between 1970 and 2005 and large contractions in the species range.

Locally Corn Bunting is thought to have undergone severe declines with only an estimated 200 pairs remaining in 1997-99. Corn Buntings are sparsely distributed across much of North Merseyside's arable farmland.

Declines are thought to be caused by changes in agricultural practices. Sowing cereals later in the year, increasing use of herbicide and the removal of fallow fields have all greatly reduced winter seed sources. Increasing use of pesticides has reduced the availability of invertebrate food sources. Earlier crop harvesting may also result in the destruction of some nests, especially where there are limited uncropped areas.

NM BAP species: Grey Partridge (*Perdix perdix*)

The UK population of Grey Partridge declined by 88% between 1970 and 2005 and though still widespread shows distinct variation according to agricultural practices. In North Merseyside there were an estimated 300 pairs in 1997-99 and they are present in all suitable habitat.

Loss of suitable habitat is the main cause of decline in this species, with changes in agricultural practices being particularly detrimental. The amalgamation of small fields into a larger ones and the removal of hedgerows, ditches and other field margins have destroyed potential nesting sites. Changes in sowing, harvesting and crop type have removed essential winter food sources.

NM BAP species: Urban Birds (*Delichon urbicum*; *Passer domesticus*; *Sturnus vulgaris*; *Apus apus*)

The four species covered by the NM BAP Urban Birds Species Action Plan (House Martin, Swift, House Sparrow and Starling) are considered to be in significant decline across the UK. In North Merseyside House Sparrows and Starlings currently breed in all urban areas, while House Martins are restricted to areas nearer sources of mud for nest-building. Swifts occurred in only 55 tetrads during 1997-2000.

Urban bird numbers are thought to relate strongly to the availability of prey species, and nesting opportunities.

Declines are most likely caused by the reduction in the diversity and abundance of invertebrate prey species resulting from increased 'tidiness' in our parks and gardens, the use of pesticides and other changes in farm practices. The exclusion of urban birds from breeding in or around modern buildings reduces nesting opportunities for urban birds.

NM BAP species: Lapwing (*Vanellus vanellus*)

Between 1987 and 1998 Lapwing declined by 48% in England and Wales with Wales and the SW of England showing greatest loss. Two thirds of the population is now resident in the N and NW of England.

Locally this species continues to breed in all suitable habitats and the 2002-03 surveys indicated a population of around 1,500 pairs with arable farmland and pockets of grassland being particularly favoured.

Local threats are thought to include development in nesting areas, increasing recreation and disturbance, scrub encroachments on coastal grassland and changes in farm practice towards silage production, livestock and agricultural intensification.

NM BAP species: Skylark (*Alauda arvensis*)

Although Skylark is widespread throughout Europe and large numbers are thought to breed in the UK, it is in significant decline with a fall in the population of 75% between 1972 and 1996 on lowland farms and an overall fall in the UK population of 53% between 1970 and 2005.

Locally Skylark breeds in all remaining suitable habitat and in 1997-2000 there were 750 breeding pairs but declines are thought to reflect the national trend.

This species relies heavily on traditional arable farming and so declines have largely been due to changes in farming practices in recent decades. Conversion to silage production, changes in sowing times and general agricultural intensification have all been particularly detrimental by reducing nesting habitat and sources of food.

Other causes of decline include overgrazing, disturbance during the breeding season and loss of grassland to development and tree planting.

NM BAP species: Song Thrush (*Turdus philomelos*)

Although still widespread, Song Thrush declined sharply by around 73% in farmland (mid 1970s) and 49% in woodland (1968-1993), while overall UK numbers fell by 50% between 1970 and 2005. The North of the UK is thought to have been hit hardest.

In North Merseyside, though thinly distributed, Song Thrush still breed in most areas with an estimated 500 pairs during 1997-2000. Highest breeding concentrations were found to occur in suburban areas where abundant garden and parkland habitats were present.

Song Thrush are reliant on a variety of habitats to meet their needs at different times of the year and loss of these habitats causes a reduction in numbers.

Local factors in the decline of the species include changes in farm practices that remove nesting habitat (hedgerows and dense scrub), limit the abundance of winter food (changes in sowing, cropping and use of herbicides/molluscicides) or cause the loss of feeding habitat (use of pesticides/herbicides and monocropping).

NM BAP species: Bluebell (*Hyacinthoides non-scripta*)

British Bluebells make up about 20% of the global population of *Hyacinthoides non-scripta* and are often found in humid woodland habitat, along hedgerows and on occasion along the coast. Locally there are a number of good colonies.

Local threats to the species include possible over-shading in un-managed woodlands, localised trampling by the public in popular areas and hybridisation with the Spanish Bluebell. On a national scale declines are caused by the loss of woodland habitat, grazing by introduced Muntjac, collection of plants and hybridisation with Spanish Bluebell.

NM BAP species: Dragonflies (*Coenagrion puella*; *Calopteryx splendens*; *Orthetrum cancellatum*; *Ischnura elegans*; *Libellula depressa*; *Aeshna grandis*; *Enallagma cyathigerum*; *Sympetrum striolatum*; *Aeshna juncea*; *Anax imperator*; *Libellula quadrimaculata*; *Aeshna mixta*; *Sympetrum sanguineum*; *Aeshna cyanea*)

Twentyone species of dragonfly and damselfly are included in the NM BAP Dragonflies Species Action Plan. These include vagrant species and some which are thought to be undergoing range expansions in the UK. Eighteen of these species are known to breed in our local area, with significant breeding sites in St Helens and Sefton.

Local causes of decline in this include the destruction or damage of essential wetland habitat through development, waste-tipping and agricultural run-off. Removal of nearby feeding habitats such as woodlands, hedgerows and tall vegetation is also detrimental.

NM BAP species: Brown Hare (*Lepus europaeus*)

Whilst still well distributed in North Merseyside it is thought that the local population of Brown Hare declined in-line with National trends which have shown severe declines in the western pastoral parts of the country to around 20% of the numbers present in Victorian times.

Reasons for local declines are thought to include loss and fragmentation of suitable habitat to development, illegal hunting and changes in farming practices and land use that cause increased disturbance (changes in cropping/sowing times, livestock trampling and recreation).

NM BAP species: Bats (*Plecotus auritus*; *Pipistrellus pipistrellus*; *Myotis daubentonii*; *Nyctalus noctula*; *Pipistrellus pygmaeus*)

The NM BAP Bats Species Action Plan covers all species found in North Merseyside since all are considered to be locally threatened.

Bat Species are found throughout North Merseyside, with Pipistrelles (Common/Soprano) most often encountered and Brown Long-eared and Noctules less common. Daubenton's are also frequently encountered in suitable wetland habitat. Whiskered, Brandt's and Natterers are considered rare locally.

Bat species will roost in many locations that are warm, dark, sheltered and little undisturbed. Such places can include derelict buildings, barns, roof spaces and tree hollows.

Factors causing declines in these species include the loss of prey insects due to the increased use of pesticides and general park/garden 'tidiness', loss and fragmentation of habitat mosaics, loss of winter roosts in old trees and buildings and intentional exclusion from buildings by people.

NM BAP species: Red Squirrel (*Sciurus vulgaris*)

Over the last 100 years the UK range Red Squirrel has contracted massively. In most areas the species of Britain it has vanished and most populations are now restricted to areas of Scotland and North England. North Merseyside has a relatively stable population on the Sefton Coast with small numbers across Knowsley and St Helens.

Threats include the Grey Squirrel which carries the squirrel pox virus that appears to have been the main cause of the red squirrel decline in Britain. In addition the fragmentation of woodland has reduced suitable habitat and increased road mortality as individuals try to move between pockets of habitats. Locally, over-maturation of trees will soon greatly reduce the Red Squirrels food source.

NM BAP species: Water Vole (*Arvicola amphibius*)

This species is found throughout Britain but localised to areas of suitable habitat near water. Previously common this species has undergone severe range and population reductions, with a national survey showing a decline of around 89% since 1939, estimated to increased to a loss of 94% by 2000. Merseyside appears to be a stronghold for the species with 75% of sites surveyed having Water Voles present in 1989-90. Though they may still be in decline locally, it is thought to be at a lower level than nationally.

Local declines in the species are caused by inappropriate management of bank-side habitats and waterside developments as well as predation by invasive species such as mink. The use of rodenticides and loss of habitat connectivity may also be factors in population declines.

NERC Act Section 41 Species

Known also as 'Species of Principle Importance in England' and the 'England Biodiversity List' this list was developed to meet the requirements of Section 40 of the Natural Environment and Rural Communities Act (2006). The list is derived, almost wholly, from the 2012 revised list of 'UK Post-2010 Biodiversity Framework' priority species. (So called 'research only' moth species have been excluded from the report.). The section 41 list is used to guide decision-makers such as public bodies, including local and regional authorities, in implementing their duty under section 40 of the Natural Environment and Rural Communities Act 2006 'to have regard' to the conservation of biodiversity in England, when carrying out their normal functions. In particular:

- Regional Planning Bodies and Local Planning Authorities must use it to identify the species that should be afforded priority when applying the requirements of National Planning Policy Framework (NPPF) to maintain, restore and enhance species and habitats.
- Local Planning Authorities must use it to identify the species that require specific consideration in dealing with planning and development control, recognising that under NPPF the aim of planning decisions should be to minimise impacts on biodiversity and geodiversity.
- All Public Bodies must use it to identify species that should be given priority when implementing the NERC Section 40 duty.

The following tables detail the NERC Section 41 species that were recorded in the search area.

Group	Common Name	Scientific Name	Records	Dates	Designations
amphibian	Common Toad	<i>Bufo bufo</i>	35	1971-2021	Sect.41
	Great Crested Newt	<i>Triturus cristatus</i>	17	2004-2021	Sect.41
bird	Bullfinch	<i>Pyrrhula pyrrhula</i>	6	1998-2007	Sect.41.suppl
	Corn Bunting	<i>Emberiza calandra</i>	12	1994-2005	Sect.41.suppl
	Cuckoo	<i>Cuculus canorus</i>	2	1998-1999	Sect.41
	Dunnock	<i>Prunella modularis</i>	11	1998-2008	Sect.41.suppl
	Grasshopper Warbler	<i>Locustella naevia</i>	10	1997-2008	Sect.41
	Grey Partridge	<i>Perdix perdix</i>	26	1998-2007	Sect.41
	Herring Gull	<i>Larus argentatus</i>	1	2000-2005	Sect.41.suppl
	House Sparrow	<i>Passer domesticus</i>	10	1998-2005	Sect.41
	Lapwing	<i>Vanellus vanellus</i>	15	1998-2008	Sect.41
	Lesser Redpoll	<i>Acanthis cabaret</i>	2	2006-2007	Sect.41
	Lesser Spotted Woodpecker	<i>Dryobates minor</i>	1	1999	Sect.41.suppl
	Linnet	<i>Linaria cannabina</i>	10	1998-2002	Sect.41.suppl
	Reed Bunting	<i>Emberiza schoeniclus</i>	15	1998-2008	Sect.41
	Skylark	<i>Alauda arvensis</i>	26	1998-2008	Sect.41,Sect.41.suppl
	Song Thrush	<i>Turdus philomelos</i>	14	1998-2008	Sect.41.suppl
	Spotted Flycatcher	<i>Muscicapa striata</i>	1	1999	Sect.41
	Starling	<i>Sturnus vulgaris</i>	11	1998-2008	Sect.41.suppl
	Tree Sparrow	<i>Passer montanus</i>	10	1998-2015	Sect.41
	Willow Tit	<i>Poecile montanus</i>	4	1998-2005	Sect.41.suppl
	Yellowhammer	<i>Emberiza citrinella</i>	24	1998-2007	Sect.41
bony fish (Actinopterygii)	European Eel	<i>Anguilla anguilla</i>	7	2005-2014	Sect.41
flowering plant	Cornflower	<i>Centaurea cyanus</i>	4	2002-2020	Sect.41
	Grape-hyacinth	<i>Muscari neglectum</i>	2	2017	Sect.41
	Marsh Stitchwort	<i>Stellaria palustris</i>	2	1987	Sect.41
insect - butterfly	Wall	<i>Lasiommata megera</i>	3	1994	Sect.41
	White-letter Hairstreak	<i>Satyrion w-album</i>	2	2010-2012	Sect.41
insect - moth	Buff Ermine	<i>Spilosoma lutea</i>	2	2013	Sect.41
	Sallow	<i>Cirrhia icteritia</i>	1	1971	Sect.41
mollusc	Mud Pond Snail	<i>Omphiscola glabra</i>	1	1996	Sect.41
terrestrial mammal	Bat	<i>Chiroptera</i>	20	1987-2019	Sect.41
	Bats	<i>Vespertilionidae</i>	1	1989	Sect.41
	Brown Hare	<i>Lepus europaeus</i>	39	1905-2019	Sect.41
	Brown Long-eared Bat	<i>Plecotus auritus</i>	6	1995-2012	Sect.41
	Eurasian Otter	<i>Lutra lutra</i>	18	2015-2017	Sect.41
	Eurasian Red Squirrel	<i>Sciurus vulgaris</i>	2	2008	Sect.41
	European Water Vole	<i>Arvicola amphibius</i>	102	1989-2021	Sect.41
	Feral Ferret	<i>Mustela putorius subsp. furo</i>	1	1993	Sect.41
	Myotis Bat species	<i>Myotis</i>	1	2007	Sect.41
	Noctule Bat	<i>Nyctalus noctula</i>	8	1988-2018	Sect.41
	Pipistrelle Bat species	<i>Pipistrellus</i>	13	1999-2015	Sect.41
	Soprano Pipistrelle	<i>Pipistrellus pygmaeus</i>	3	2003-2019	Sect.41

	West European Hedgehog	<i>Erinaceus europaeus</i>	47	2003-2021	Sect.41
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Desig. Code	Desig. Name	Designation Description
Sect.41	Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41)	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.
Sect.41.suppl	Supplementary list to deal with S41 bird sub-sp problems	Bird species corresponding to British sub-species listed in section 41 (England) of the NERC Act (2006).

IUCN Red-listed Species

The IUCN Red List of Threatened Species (sometimes called 'Red Data Book' species) indicates the conservation status of plants and animals that have been globally evaluated using the IUCN Red List Categories and Criteria. The system is designed to determine the relative risk of extinction, and the main purpose of the IUCN Red List is to catalogue and highlight those plants and animals that are facing a higher risk of global extinction (i.e. those listed as Critically Endangered, Endangered and Vulnerable). The IUCN Red List also includes information on plants and animals that are categorized as 'Extinct' or 'Extinct in the Wild'; on taxa that cannot be evaluated because of insufficient information ('Data Deficient'); and on plants and animals that are either close to meeting the threatened thresholds or that would be threatened were it not for an ongoing taxon-specific conservation programme ('Near Threatened').

The following tables detail the IUCN Red-listed species that were recorded in the search area.

Group	Common Name	Scientific Name	Records	Dates	Designations
flowering plant	Box	<i>Buxus sempervirens</i>	3	2020	RLGB.DD
	Common Cudweed	<i>Filago vulgaris</i>	1	2008	RLGB.Lr(NT)
	Corn Chamomile	<i>Anthemis arvensis</i>	3	1989	RLGB.EN
	Corn Marigold	<i>Glebionis segetum</i>	2	2020-2021	RLGB.VU
	Creeping Spearwort	<i>Ranunculus reptans</i>	2	1987	RLGB.VU
	Field Woundwort	<i>Stachys arvensis</i>	1	2021	RLGB.Lr(NT)
	Heracleum sphondylium subsp. flavescens	<i>Heracleum sphondylium subsp. flavescens</i>	1	1986	RLGB.DD
	Large-flowered Hemp-nettle	<i>Galeopsis speciosa</i>	1	1987	RLGB.VU
	Marsh Stitchwort	<i>Stellaria palustris</i>	2	1987	RLGB.VU
	Stinking Chamomile	<i>Anthemis cotula</i>	1	1987	RLGB.VU
	Wood Bitter-vetch	<i>Vicia orobus</i>	1	1987	RLGB.Lr(NT)
fungus	Brown Birch Bolete	<i>Leccinum scabrum</i>	8	2010-2017	RLGB.DD
	Slate Bolete	<i>Leccinum duriusculum</i>	8	2010-2019	RLGB.Lr(NT)
insect - beetle (Coleoptera)	Alder Leaf Beetle	<i>Agelastica alni</i>	29	2013-2021	RLGB.DD
insect - butterfly	Wall	<i>Lasiommata megera</i>	3	1994	RLGB.Lr(NT)
	White-letter Hairstreak	<i>Satyrion w-album</i>	2	2010-2012	RLGB.EN
insect - dragonfly (Odonata)	Common Darter	<i>Sympetrum striolatum</i>	27	1990-2019	RLGB.DD
mollusc	Large Black Slug	<i>Arion (Arion) ater</i>	1	2011	RLGB.DD
	Marsh Pond Snail	<i>Stagnicola palustris/fuscus/corvus</i>	13	1991-2016	RLGB.DD
terrestrial mammal	Bat	<i>Chiroptera</i>	20	1987-2019	RLGB.CR,RLGB.DD,RLGB.EN,RLGB.Lr(NT),RLGB.VU
	Bats	<i>Vespertilionidae</i>	1	1989	RLGB.CR,RLGB.DD,RLGB.EN,RLGB.Lr(NT),RLGB.VU
	Eurasian Red Squirrel	<i>Sciurus vulgaris</i>	2	2008	RLGB.EN

European Water Vole	<i>Arvicola amphibius</i>	102	1989-2021	RLGB.EN
Myotis Bat species	<i>Myotis</i>	1	2007	RLGB.CR,RLGB.DD
Pipistrelle Bat species	<i>Pipistrellus</i>	13	1999-2015	RLGB.Lr(NT)
West European Hedgehog	<i>Erinaceus europaeus</i>	47	2003-2021	RLGB.VU

Desig. Code	Desig. Name	Designation Description
RLGB.DD	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 or Lower Risk. Listing of taxa in this category indicates that more information is required and acknowledges the possibility that future research will show that a threatened category is appropriate.
RLGB.Lr(NT)	IUCN (2001) - Lower risk - near threatened	Taxa which do not qualify for Lower Risk (conservation dependent), but which are close to qualifying for Vulnerable. In Britain, this category includes species which occur in 15 or fewer hectads but do not qualify as Critically Endangered, Endangered or Vulnerable.
RLGB.EN	IUCN (2001) - Endangered	A taxon is Endangered when it is not Critically endangered but is facing a very high risk of extinction in the wild in the near future.
RLGB.VU	IUCN (2001) - Vulnerable	A taxon is Vulnerable when it is not Critically Endangered or Endangered but is facing a high risk of extinction in the wild in the medium term future.
RLGB.CR	IUCN (2001) - Critically endangered	A taxon is Critically Endangered when it is facing an extremely high risk of extinction in the wild in the immediate future, as defined by any of the criteria A to E.

Nationally Notable Species

These are plants and animals which do not fall within red-list categories but which are none-the-less uncommon in Great Britain.

The following tables detail the Nationally Notable species that were recorded in the search area.

Group	Common Name	Scientific Name	Records	Dates	Designations
flowering plant	Aggregate-headed Hawkweed	<i>Hieracium aggregatum</i>	3	1981-1989	NR-excludes
	Box	<i>Buxus sempervirens</i>	3	2020	NR-excludes
	Creeping Spearwort	<i>Ranunculus reptans</i>	2	1987	NR-excludes
	Dittander	<i>Lepidium latifolium</i>	2	2020-2021	NS-excludes
	Fringed Water-lily	<i>Nymphaeodes peltata</i>	3	2005-2020	NS-excludes
	Grape-hyacinth	<i>Muscari neglectum</i>	2	2017	NR-excludes
	Jacob's-ladder	<i>Polemonium caeruleum</i>	1	2011	NR-excludes
	Water-soldier	<i>Stratiotes aloides</i>	3	1989-1998	NR-excludes
	Welsh Poppy	<i>Meconopsis cambrica</i>	1	2002	NS-excludes
	Wood Bitter-vetch	<i>Vicia orobus</i>	1	1987	NS-excludes
insect - beetle (Coleoptera)	Anitys rubens	<i>Anitys rubens</i>	1	1989	Nb
	Phloiortrya vaudoueri	<i>Phloiortrya vaudoueri</i>	1	1989	Nb
insect - true fly (Diptera)	Pocota personata	<i>Pocota personata</i>	1	1987	NS-excludes

Desig. Code	Desig. Name	Designation Description
NS-excludes	Nationally Scarce. Excludes Red Listed taxa	Nationally Scarce - Occurring in 16-100 hectads in Great Britain. Excludes rare species qualifying under the main IUCN criteria
NR-excludes	Nationally Rare. Excludes Red Listed taxa	Nationally Rare - Occurring in 15 or fewer hectads in Great Britain. Excludes rare species qualifying under the main IUCN criteria.
Nb	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.

WCA schedule 9 species (including non-native invasive plants)

Schedule 9 of the Wildlife & Countryside Act (amended 2010) lists species of plants and animals for which it is a specific offence to plant or otherwise cause to grow in the wild (plants) or release or allow to escape into the wild (animals). Many of these are invasive non-native plants and animals, but there are also a number of native animals on the list (e.g. Barn Owl) which cannot be released into the wild in England without a license from Natural England.

The following tables detail the WCA Schedule 9 species recorded in the search area.

Group	Common Name	Scientific Name	Records	Dates	Designations
bird	Barn Owl	<i>Tyto alba</i>	6	1997-2005	MBB-WCA-S9
	Canada Goose	<i>Branta canadensis</i>	1	1999	MBB-WCA-S9
fern	Water Fern	<i>Azolla filiculoides</i>	2	2015	MBB-WCA-S9
flowering plant	Canadian Waterweed	<i>Elodea canadensis</i>	7	1981-2005	MBB-WCA-S9
	Himalayan Balsam	<i>Impatiens glandulifera</i>	174	1987-2021	MBB-WCA-S9
	Japanese Knotweed	<i>Fallopia japonica</i>	35	1981-2019	MBB-WCA-S9
	Japanese Rose	<i>Rosa rugosa</i>	4	2012-2020	MBB-WCA-S9
	Montbretia	<i>Crocsmia pottsii</i> x <i>aurea</i> = <i>C. x crocosmiiflora</i>	1	2012	MBB-WCA-S9
	Rhododendron ponticum	<i>Rhododendron ponticum</i>	39	1968-2018	MBB-WCA-S9
	Three-cornered Garlic	<i>Allium triquetrum</i>	2	2020	MBB-WCA-S9
terrestrial mammal	American Mink	<i>Neovison vison</i>	2	2019-2021	MBB-WCA-S9
	Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	32	1999-2021	MBB-WCA-S9

Desig. Code	Desig. Name	Designation Description
MBB-WCA-S9	Wildlife and Countryside Act 1981 (Variation of Schedule 9) (England and Wales) Order 2010	Species on Schedule 9 (part 2) as revised 2010. Under section 14 of the Act it is illegal to release into the wild any animal or allow to grow in the wild any plant which is not ordinarily resident in GB or which is a known threat and is listed on Schedule 9 of the Act.

BAP priority habitats

In 2007 the Local Biodiversity Manager (responsible for the North Merseyside Biodiversity Action Plan) undertook a review of the extent of UK BAP priority habitats in North Merseyside and produced GIS layers to show their extents. In most cases these inventories were derived from two main sources: the latest Phase 1 habitat surveys which were conducted for the four North Merseyside local authorities between 1996 and 2007; and an NVC survey of the Sefton Coast carried out between 2003 and 2004. A separate NVC survey of the Ribble estuary carried out in 2002 (which also included saltmarsh at the Alt) was also useful as were one or two other sources. Because of the diverse nature of habitat classifications, it was not always possible to produce inventories with a one-to-one correspondence with UK BAP priority habitats. The table below shows the BAP habitat inventories for North Merseyside and their correspondence with UK BAP priority habitats.

North Merseyside habitat inventory	Correspondence with UK BAP priority habitats
Lowland Acid Grassland	Lowland Dry Acid Grassland
Lowland Heathland	Lowland Heathland
Lowland Raised Bog	Lowland Raised Bog
Neutral Grassland	Incorporates the UK BAP habitat Lowland Meadows but also, in North Merseyside, includes a lot of amenity grassland, road verges etc.
Calcareous Grassland	Calcareous Grassland
Ponds	Ponds

Lakes	Eutrophic lakes
Reedbeds	Reedbeds
Hedgerows	Hedgerows
Saltmarsh	Coast Saltmarsh
Sand Dune	Coastal Sand Dune
All Woodland	It was not possible, from the available data, to produce separate inventories for different woodland types in North Merseyside, so this inventory incorporates elements of several UK BAP priority habitats such as Lowland Mixed Deciduous Woodland, Wet Woodland and Wood Pasture & Parkland.

Note that the 'Ponds' BAP inventory was derived locally using water bodies less than two hectares in extent from Ordnance Survey data. The 'Lakes' BAP inventory is a nationally supplied inventory, but the lakes are only represented in this as points. Therefore any water body over two hectares in extent will only be represented on our habitat maps by a point and will not show the extent of the lake. However, ponds will be indicated by polygons showing their extent. Occasionally a large pond – though still less than two hectares in extent – will be represented in both the 'Lake' and 'Pond' inventories.

Habitat	Amount	Units
Ancient Woodland	1	count
Reedbeds	0.23	hectares
Reedbeds	2	count
Hedgerows	41.61	kilometres
Lowland Acid Grassland	7.49	hectares
All Woodland	66.21	hectares
Neutral Grassland	36.33	hectares
Ponds	5.04	hectares
Ponds	113	count

The table above indicates the extent of each of the BAP habitat inventories (see previous table) occurring within your search area (see appendix 3 for maps).

Detailed habitat mapping

Merseyside BioBank collates and maintains detailed habitat mapping – normally Phase 1 or NVC – for the North Merseyside area. This includes both historic data and the most up-to-date habitat survey data available. Here we report on the detailed habitat mapping we hold for your search area.

Ref: EN-CBA-Grassland		
Source: Composite layer generated by Merseyside Environmental Advisory Service on behalf of the Liverpool City Region		
Survey date: 01/01/2016		
Notes: LCR Ecological Network Grassland Core Biodiversity Areas. See http://www.lcreconet.uk/ for further information.		
CBA Grassland		
Gr1	Grasslands	18.92 ha
Gr5	Lowland Dry Acid Grassland	7.49 ha
Gr6	Lowland Meadow	26.14 ha

Ref: EN-CBA-Mosaic		
Source: Composite layer generated by Merseyside Environmental Advisory Service on behalf of the Liverpool City Region		
Survey date: 01/01/2016		
Notes: LCR Ecological Network Mosaic Core Biodiversity Areas. See http://www.lcreconet.uk/ for further information.		
CBA General features		
Gen3	Local Wildlife Site	11.97 ha

Ref: EN-CBA-Wetland		
Source: Composite layer generated by Merseyside Environmental Advisory Service on behalf of the Liverpool City Region		
Survey date: 01/01/2016		
Notes: LCR Ecological Network Wetland Core Biodiversity Areas. See http://www.lcreconet.uk/ for further information.		
CBA General features		
Gen3	Local Wildlife Site	10.64 ha
Gen4	Reedbeds	2.37 ha
CBA Wetland		
We4	Lowland Fens	0.49 ha
We7	Purple Moor Grass & Rush Pastures	0.35 ha

Ref: EN-CBA-Woodland		
Source: Composite layer generated by Merseyside Environmental Advisory Service on behalf of the Liverpool City Region		
Survey date: 01/01/2016		
Notes: LCR Ecological Network Woodland Core Biodiversity Areas. See http://www.lcreconet.uk/ for further information.		
CBA General features		
Gen3	Local Wildlife Site	24.73 ha
CBA Woodland		
Wo3	Lowland Mixed Broad-leaf Woodland	233.02 ha
Wo4	Lowland Mixed Deciduous Woodland	173.59 ha
Wo6	Lowland Wood-pasture and Parkland	11.85 ha
Wo8	Traditional Orchards	0.57 ha
Wo9	Wet Woodland	6.51 ha

Ref: EN-LinearFeatures		
Source: Composite layer generated by Merseyside Environmental Advisory Service on behalf of the Liverpool City Region		
Survey date: 01/01/2016		
Notes: LCR Ecological Network Linear features. See http://www.lcreconet.uk/ for further information.		
Linear feature		
Lin1	Active railway corridor	8.89 km
Lin3	Dismantled Railway	0.15 km
Lin5	Hedgerow	41.62 km
Lin6	Major road corridor	15 km
Lin7	River	20.84 km

Ref: EN-SteppingStones		
Source: Composite layer generated by Merseyside Environmental Advisory Service on behalf of the Liverpool City Region		
Survey date: 01/01/2016		
Notes: LCR Ecological Network Stepping Stone habitats. See http://www.lcreconet.uk/ for further information.		
Stepping stone habitat		
SS1	Ponds	7.56 ha

Ref: Knowsley-1996-98		
Source: Complete phase 1 habitat survey for Knowsley 1996-98.		
Survey date: 1996 - 1998		
Notes: This is the 'default' baseline mapping used by the Council. It is the most recent complete coverage for the borough.		
Woodland and scrub		
A1.1.1	Broadleaved woodland - semi-natural	2.55 ha
A1.1.2	Broadleaved woodland - plantation	3.8 ha
A2.1	Scrub - dense/continuous	0.13 ha
A2.2	Scrub - scattered	0.14 ha
A3.1	Broadleaved Parkland/scattered trees	0.98 ha
		21 (count)
Grassland and marsh		
B2.1	Neutral grassland - unimproved	0.66 ha
B4	Improved grassland	19.83 ha
B6	Poor semi-improved grassland	4.19 ha
Tall herb and fern		
C1.1	Bracken - continuous	0.02 ha
		0.51 km
C3.1	Other tall herb and fern - ruderal	0.82 ha
Open water		
G1	Standing water	0.2 ha
G2	Running water	0.13 ha
		0.51 km
Miscellaneous		
J1.1	Cultivated/disturbed land - arable	31.05 ha
J1.2	Cultivated/disturbed land - amenity grassland	1.92 ha
J1.3	Cultivated/disturbed land - ephemeral/short perennial	1.57 ha
J2.1.2	Intact hedge - species-poor	5.36 km

Habitat maps themselves are produced at the end of the report. You can cross-reference the figures in the tables below to the maps by means of the reference which appears on each map. A map with the reference 'Composite' is a special map made on-the-fly at the time of this report production by merging data from all available sources and using the most up-to-date mapping available at any given point in your search area.

Designated Areas

There are a number of types of 'designated areas' in North Merseyside. These types are shown in the table below together with the total number of North Merseyside sites for each.

Type of area	No. of sites
Site of Special Scientific Interest	6
Special Protection Area (Natura 2000)	3
Marine Special Protection Area	1
Special Area of Conservation (Natura 2000)	1
RAMSAR (wetland of international importance)	3
National Nature Reserve	3
Local Nature Reserve	57
Knowsley Local Wildlife Site	65
Sefton Local Wildlife Site	55
St Helens Local Wildlife Site	117
Liverpool Local Wildlife Site	29
Merseyside Ancient Woodland Inventory	11
RSPB/LWT Windfarm Alert Map	1
Red Squirrel Protection Area	1

The following table indicates the results of the intersection between the search area and designated areas detailed above (see appendix 3 for maps).

Name	Type
The Old Wood	Merseyside Ancient Woodland Inventory
Netherley Brook and Ditton Brook Corridor	Nature Improvement Area
Strettle Bog, Tarbock	Knowsley Local Wildlife Site
Daggers Bridge Wood	Knowsley Local Wildlife Site
Mine Waste, Cronton	Knowsley Local Wildlife Site
Ox Lane Wood, Tarbock	Knowsley Local Wildlife Site
Brickwall Covert	Knowsley Local Wildlife Site
Cartbridge Lane Wood	Knowsley Local Wildlife Site
Green's Bridge Plantation	Knowsley Local Wildlife Site
Netherley Brook	Knowsley Local Wildlife Site
Coppice Lane Council Depot, Huyton	Knowsley Local Wildlife Site
The Old Wood, South	Knowsley Local Wildlife Site
Tributary of Netherley Brook	Knowsley Local Wildlife Site
Mill Brook, Netherley	Knowsley Local Wildlife Site
Ochre Brook, Tarbock	Knowsley Local Wildlife Site
Tarbock Green ditch	Knowsley Local Wildlife Site
Dog Clog Brook, Tarbock	Knowsley Local Wildlife Site
Ditton Brook	Knowsley Local Wildlife Site
Netherley Woods and Brook	Liverpool Local Wildlife Site
Lee Park Golf Course	Liverpool Local Wildlife Site

Interpretation and caveats

Merseyside BioBank records included

All relevant non-confidential records managed by Merseyside BioBank which intersect the search area are included in this report, except where excluded by one or more of the conditions described in the rest of this section.

NBN Atlas records included

All relevant records available to Merseyside BioBank from the NBN Atlas are included in this report, except where excluded by one or more of the conditions described in the rest of this section. NBN Atlas records are accessed live *via* web-services at the time of report generation.

Merseyside BioBank often has access to NBN records at higher resolution than the standard 'public' access. These records have been downloaded and used with the permission of the data providers, but are subject to normal NBN Atlas terms and conditions. You must not use them beyond the specific purposes for which this report was provided to you and you must adhere, at all times, to the NBN Atlas terms and conditions.

Record location and dates

If a record can only be located to a relatively low precision (e.g. 1 km or 2 km square), then it is possible that the unrecorded precise location of the animal or plant might have been outside of the search area. Sometimes the location name column can be useful in deciding whether or not this was likely to have been the case. In records from our own database, we have replaced all digits with the '#' character in the location field to people's privacy where addresses have been used as location names.

Records which are only available to us at less than 2 km square (tetrad) precision are excluded from the report. We report dates at the highest precision available to us. Records for which no date is available are excluded from the report.

Absence of records and 'negative records'

The absence of biological records for an area, or the presence of 'negative records', is not proof that taxa are not present.

Duplicate records

Although we do our very best to avoid reporting the same record more than once ('duplicate records') this is sometimes unavoidable for records that have entered the biological records network *via* more than one route. In particular, there may be some record duplication between records from Merseyside BioBank's database and records from the NBN Atlas datasets (though, of course, we do not report on NBN Atlas records which originate from Merseyside BioBank).

Validity of records

Whilst Merseyside BioBank continually strives to verify the records that we manage, we accept no responsibility for any errors subsequently discovered. Merseyside BioBank accepts no responsibility for errors in data derived from the NBN Atlas.

Verification status of records

Records used in this report include those considered verified and those as yet unchecked. This approach is taken on balance to ensure that all potential risks that we are aware of have been flagged.

Bird records

Only bird records with a recorded status of proven, probable and possible breeding have been included in this data search. Bird records with other statuses are not included. The most recent bird records for North Merseyside included, e.g. those generated for the ongoing breeding and wintering atlas projects, since these data have yet to undergo verification by the County Bird Recorder. It is possible for you to contact the County Bird Recorder independently for his interpretation of the most recent data with respect to your search area. The contact details are:

Steve White
stevewhite102@btinternet.com

Please note that if this is a commercial data request you will be invoiced by **Sefton Borough Council**, which is the hosting authority for Merseyside BioBank.

Appendix 1: Terms and conditions of use

Merseyside BioBank receives data from a variety of sources, from large organisations to amateur naturalists. With Merseyside BioBank operating as custodians, these individuals and groups, who provide their records free of charge, retain copyright on their data.

All data passed to a third party (users) by Merseyside BioBank are subject to these access terms and conditions. Non-adherence to these terms and conditions will be viewed as a breach of contract, which may result in legal redress being sought.

1. Users agree that data released by Merseyside BioBank, in any format and on any media, will only be used for the purpose for which it was originally requested and for any time period originally agreed upon (See note 3 below).
2. Users agree that data released by Merseyside BioBank will not be added to any permanent database system (electronic or paper based) unless by written agreement with Merseyside BioBank.
3. Users understand that following the end of the agreed time period, or 12 months from the enquiry date, the received data must be deleted from any electronic system (See note 2 above). Use of the data beyond this period must be preceded by a further request to Merseyside BioBank.
4. Users agree that data retrieved from Merseyside BioBank will not be passed on to or communicated with third parties except as aggregated data within reports, or as anonymised data in the form of maps etc., which constitute a part of the agreed reason for the original enquiry.
5. Merseyside BioBank disclaims any responsibility for the accuracy of the information within its reports and accepts no liability for any result of using these data.
6. Any biological record is specific to the date of the recording and does not necessarily imply the continuance of the species at that site.
7. The lack of species and/or habitat information for a geographically defined area does not necessarily imply a low biodiversity value for that area. It may simply be unrecorded.
8. While the information from Merseyside BioBank in itself will remain free, Merseyside BioBank reserves the right to charge a reasonable fee to cover administration and a proportion of overheads as detailed in our charging policy.
9. A copy of any report, or other product, produced using the data from Merseyside BioBank would be gratefully received if provided without cost.
10. Merseyside BioBank must be acknowledged within any report, or other product produced, using data provided by Merseyside BioBank.

Appendix 2: Full species records

The following records for protected, BAP, red-listed, notable and invasive species were found to intersect the search area. (Appendix 3 includes a map to show the location of 1 km and tetrad grid references.) Verification status of each record is shown in the "Verified" column (0 = Unchecked; 2 = Confirmed by a local expert). The source of each record is shown in the final column (BioBank = Merseyside BioBank; NBN = NBN Atlas).

GridRef	Location Name	Common Name	Scientific Name	Group	Abundance or Status	Date	Comment	Verified	Source
SJ44778810	Woodlands Park, Winstler Drive, Netherley, Liverpool, Merseyside, Huyton-With-Roby	Common Frog	<i>Rana temporaria</i>	amphibian		18/09/2016	More information from: irecord.org.uk/record-details?occurrence_id=7574777	0	2
SJ44778810	Woodlands Park, Winstler Drive, Netherley, Liverpool, Merseyside, South Lancashire	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count of Adult	18/09/2016	hopping through Ivy growing across th	0	11
SJ45268910	Tarbock Green, Knowsley, Pond 1: west of Whitefield Lane	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count; 2 Count of Larvae	04/05/2010	bottled, 20 bottles used. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ45268910	Tarbock Green, Knowsley, Pond 1: west of Whitefield Lane	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count; 2 Count of Larvae	26/05/2010	bottled, 20 bottles used. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ452864	Court Farm, Halewood, Liverpool	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count	23/07/1998	adult	0	3
SJ452865	South Lancashire	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count	19/03/2003	Adult	0	3
SJ452865	Court Farm, Halewood, Liverpool	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count	19/03/2003	Adult	0	3
SJ452865	Court Farm, Halewood, Liverpool	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count	19/03/2003	Adult	0	3
SJ452866	Cartbridge Wood	Common Frog	<i>Rana temporaria</i>	amphibian		29/04/2005		0	5
SJ4532286277	South Lancashire	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count	16/02/2008	Adult	0	3
SJ4532286277	Court Farm Pond, Court Farm, Halewood, Liverpool	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count	16/02/2008	Adult	0	3
SJ4532286277	South Lancashire	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count	17/11/2007	Adult	0	3
SJ4532286277	Court Farm Pond, Court Farm, Halewood, Liverpool	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count	17/11/2007	Adult	0	3

SJ45328627	Court Farm Pond, Court Farm, Halewood, Liverpool	Common Frog	<i>Rana temporaria</i>	amphibian		16/02/2008	More information from: irecord.org.uk/record-details?occurrence_id=8093505	0	2
SJ45328627	South Lancashire	Common Frog	<i>Rana temporaria</i>	amphibian		16/02/2008	More information from: irecord.org.uk/record-details?occurrence_id=8093291	0	2
SJ45328628	Court Farm Woods	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count of Present	27/03/2017	Large amount of spawn around pond margin.	0	7
SJ45328804	Mill Brook, Tarbock, Liverpool, Merseyside, Huyton-With-Roby	Common Frog	<i>Rana temporaria</i>	amphibian		12/03/2015	More information from: irecord.org.uk/record-details?occurrence_id=7589527	0	2
SJ45328804	Mill Brook, Tarbock, Liverpool, Merseyside, South Lancashire	Common Frog	<i>Rana temporaria</i>	amphibian	12 Count of Clumps	12/03/2015	in wet area Record GUID (from Gilbert 21): 7c2ffcab-70c	0	11
SJ4533286298	Court Farm Woods, Court Avenue, Halewood, Merseyside, Huyton-With-Roby	Common Frog	<i>Rana temporaria</i>	amphibian		25/02/2019	at edge of pond in vegetation, croaking. https://www.inaturalist.org/observations/20802943	0	12
SJ45338627	Court Farm Wood Pond	Common Frog	<i>Rana temporaria</i>	amphibian	32 Count	10/04/2018		0	7
SJ45338629	Court Farm Woods, Court Avenue, Halewood, Merseyside, South Lancashire	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count of Adult	25/02/2019	"at edge of pond in vegetation, croaking Reco	0	8
SJ45358625	Court Farm Wood, Halewood, Liverpool, Merseyside, South Lancashire	Common Frog	<i>Rana temporaria</i>	amphibian	15 Count of tadpoles	22/05/2018	in pond Record GUID (from Gilbert 21): 1bb	0	8
SJ45358625	Court Farm Wood, Halewood, Liverpool, Merseyside, Huyton-With-Roby	Common Frog	<i>Rana temporaria</i>	amphibian		22/05/2018	More information from: irecord.org.uk/record-details?occurrence_id=7713695	0	2
SJ453863	Court Farm Pond, Court Farm, Halewood, Liverpool	Common Frog	<i>Rana temporaria</i>	amphibian	8 Count	09/04/1996	spawn	0	3
SJ453863	Court Farm Pond, Court Farm, Halewood, Liverpool	Common Frog	<i>Rana temporaria</i>	amphibian	9 Count	09/04/1996	adult	0	3
SJ453863	Court Farm Pond, Court Farm, Halewood, Liverpool	Common Frog	<i>Rana temporaria</i>	amphibian	2 Count	24/03/2001	adult	0	3
SJ453864	Court Farm, Halewood, Liverpool	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count	28/05/1995	adult	0	3
SJ453873	Netherley Brook & Adj., Liverpool	Common Frog	<i>Rana temporaria</i>	amphibian	5 Count	12/03/2017		0	7

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SJ45418621	Court Farm Wood Pond	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count	03/04/2018		0	7
SJ45538898	Tarbock Green, Knowsley, Pond 2: east of Whitefield Lane	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count of Adult	12/05/2010	Torch. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ45538898	Tarbock Green, Knowsley, Pond 2: east of Whitefield Lane	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count; 2 Count of Larvae	26/05/2010	bottled, 10 bottles used. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ457894	Bass Site Huyton	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count of Present	July 1999		0	5
SJ4587	Tarbock Green, UK	Common Frog	<i>Rana temporaria</i>	amphibian	Present Count	28/03/2021	Spawn https://www.inaturalist.org/observations/72302636	0	6
SJ458879	Tarbock Green, UK	Common Frog	<i>Rana temporaria</i>	amphibian	Present Count	21/03/2020	https://www.inaturalist.org/observations/40389057	0	6
SJ458880	Tarbock Green, UK	Common Frog	<i>Rana temporaria</i>	amphibian	Present Count	28/03/2021	Spawn https://www.inaturalist.org/observations/72302819	0	6
SJ45908792	Tarbock Green, UK	Common Frog	<i>Rana temporaria</i>	amphibian		23/03/2021	More information from: irecord.org.uk/record- details?occurrence_id=22 578112	0	2
SJ45918883	Tarbock Green, Knowsley, Pond 3: shaded pond in centre of field	Common Frog	<i>Rana temporaria</i>	amphibian	3 Count of Adult	07/06/2010	Torch. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ45918883	Tarbock Green, Knowsley, Pond 3: shaded pond in centre of field	Common Frog	<i>Rana temporaria</i>	amphibian	Present Count	26/05/2010	Torch. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ45918883	Tarbock Green, Knowsley, Pond 3: shaded pond in centre of field	Common Frog	<i>Rana temporaria</i>	amphibian	Present Count of Larvae	26/05/2010	bottled, 30 bottles used. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ459879	Tarbock Green, UK	Common Frog	<i>Rana temporaria</i>	amphibian	Present Count	17/04/2021	https://www.inaturalist.org/observations/74221154	0	6
SJ459879	Tarbock Green, UK	Common Frog	<i>Rana temporaria</i>	amphibian	Present Count	23/03/2021	Confirmed Breeding https://www.inaturalist.org/observations/71897148	0	6
SJ46008868	Tarbock Green, Knowsley, Pond 6: heavily shaded ditch to west of pond 5	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count; 2 Count of Larvae	04/05/2010	bottled, 5 bottles used. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ46008868	Tarbock Green, Knowsley, Pond 6: heavily shaded ditch to west of pond 5	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count; 2 Count of Larvae	07/06/2010	Torch. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1

SJ46008868	Tarbock Green, Knowsley, Pond 6: heavily shaded ditch to west of pond 5	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count; 2 Count of Larvae	12/05/2010	Torch. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ46008868	Tarbock Green, Knowsley, Pond 6: heavily shaded ditch to west of pond 5	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count; 2 Count of Larvae	19/05/2010	Torch. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ46008868	Tarbock Green, Knowsley, Pond 6: heavily shaded ditch to west of pond 5	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count; 2 Count of Larvae	26/05/2010	Torch. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ460864	Greens Bridge Plantation	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count of Present	1981		0	5
SJ46148847	Ox Lane, Tarbock, Liverpool, Merseyside, Huyton-With- Roby	Common Frog	<i>Rana temporaria</i>	amphibian		22/03/2015	More information from: irecord.org.uk/record- details?occurrence_id=75 90207	0	2
SJ46148847	Ox Lane, Tarbock, Liverpool, Merseyside, South Lancashire	Common Frog	<i>Rana temporaria</i>	amphibian	local Count of Clumps	22/03/2015	at pond edge Record GUID (from Gilbert 21): b08	0	11
SJ4617588631	Pond 2, Tarbock Hall, Tarbock	Common Frog	<i>Rana temporaria</i>	amphibian	small numbers Count of tadpoles	09/05/2004- 04/06/2004		0	5
SJ461856	Halewood Caravan Park	Common Frog	<i>Rana temporaria</i>	amphibian	1 Sub- Count of Adult	05/09/2012		0	4
SJ461890	Tarbock Green L35 1QT, UK	Common Frog	<i>Rana temporaria</i>	amphibian		29/03/2021	More information from: irecord.org.uk/record- details?occurrence_id=22 585802	0	2
SJ461890	Tarbock Green L35 1QT, UK	Common Frog	<i>Rana temporaria</i>	amphibian	Present Count	29/03/2021	https://www.inaturalist.org/observations/72376358	0	6
SJ46198882	Ox Lane, Tarbock, Liverpool, Merseyside, Huyton-With- Roby	Common Frog	<i>Rana temporaria</i>	amphibian		22/03/2015	More information from: irecord.org.uk/record- details?occurrence_id=75 90132	0	2
SJ46198882	Ox Lane, Tarbock, Liverpool, Merseyside, South Lancashire	Common Frog	<i>Rana temporaria</i>	amphibian	2 Count of Clumps	22/03/2015	at edge of temporary pool Record GUID (from Gil	0	11
SJ4636788206	Pond 5, Tarbock Hall, Tarbock	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count	09/05/2004- 04/06/2004	tadpoles only, low numbers	0	5
SJ46368961	Windy Arbor, Knowsley, Pond 12: small heavily shaded pool within woodland	Common Frog	<i>Rana temporaria</i>	amphibian	Present Count	16/05/2010	bottled, 5 bottles used. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ46718903	Tarbock Green, Knowsley, Pond 8: shallow pond only accessible via (and located to rear of) riding st	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count of Adult	08/05/2010	Torch. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1

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SJ46718903	Tarbock Green, Knowsley, Pond 8: shallow pond only accessible via (and located to rear of) riding st	Common Frog	<i>Rana temporaria</i>	amphibian	1000 Count of Larvae	08/05/2010	Torch. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ46718903	Tarbock Green, Knowsley, Pond 8: shallow pond only accessible via (and located to rear of) riding st	Common Frog	<i>Rana temporaria</i>	amphibian	1000 Count of Larvae	16/05/2010	Torch. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ46718903	Tarbock Green, Knowsley, Pond 8: shallow pond only accessible via (and located to rear of) riding st	Common Frog	<i>Rana temporaria</i>	amphibian	100 Count of Larvae	23/05/2010	Torch. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ46718903	Tarbock Green, Knowsley, Pond 8: shallow pond only accessible via (and located to rear of) riding st	Common Frog	<i>Rana temporaria</i>	amphibian	10 Count of Larvae	30/05/2010	Torch. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ46778903	Dagger's bridge wood, Huyton-With-Roby	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count of Present	21/03/2017		0	7
SJ46778948	Tarbock Green, Knowsley, Pond 11: small pool at base of steep embankment, near motorway	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count; 2 Count of Larvae	07/06/2010	Torch. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ46778948	Tarbock Green, Knowsley, Pond 11: small pool at base of steep embankment, near motorway	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count of Adult	14/06/2010	Torch. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ46778948	Tarbock Green, Knowsley, Pond 11: small pool at base of steep embankment, near motorway	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count; 2 Count of Larvae	14/06/2010	Torch. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ46778948	Tarbock Green, Knowsley, Pond 11: small pool at base of steep embankment, near motorway	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count of Adult	23/05/2010	Torch. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ46778948	Tarbock Green, Knowsley, Pond 11: small pool at base of steep embankment, near motorway	Common Frog	<i>Rana temporaria</i>	amphibian	10 Count of Larvae	23/05/2010	Torch. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ46778948	Tarbock Green, Knowsley, Pond 11: small pool at base of steep embankment, near motorway	Common Frog	<i>Rana temporaria</i>	amphibian	10 Count of Larvae	30/05/2010	Torch. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ46778948	Tarbock Green, Knowsley, Pond 11: small pool at base of steep embankment, near	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count of Adult	30/05/2010	Torch. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1

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	motorway								
SJ46778948	Tarbock Green, Knowsley, Pond 11: small pool at base of steep embankment, near motorway	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count; 2 Count of Larvae	30/05/2010	bottled, 5 bottles used. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ46818945	Tarbock Green, Knowsley, Pond 10: ditch within woodland	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count of Adult	08/05/2010	Torch. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ46818945	Tarbock Green, Knowsley, Pond 10: ditch within woodland	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count; 2 Count of Larvae	16/05/2010	Torch. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ46818945	Tarbock Green, Knowsley, Pond 10: ditch within woodland	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count of Adult	16/05/2010	Torch. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ46818945	Tarbock Green, Knowsley, Pond 10: ditch within woodland	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count; 2 Count of Larvae	23/05/2010	Torch. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ46818945	Tarbock Green, Knowsley, Pond 10: ditch within woodland	Common Frog	<i>Rana temporaria</i>	amphibian	2 Count of Adult	23/05/2010	Torch. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ46818945	Tarbock Green, Knowsley, Pond 10: ditch within woodland	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count; 2 Count of Larvae	30/05/2010	Torch. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ46818945	Tarbock Green, Knowsley, Pond 10: ditch within woodland	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count of Adult	30/05/2010	Torch. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ4687	Merseyside: Knowsley: Tarbock	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count	September 1981		2	10
SJ4688	Tarbock Hall Farm	Common Frog	<i>Rana temporaria</i>	amphibian	Present Count	21/03/2015		2	14
SJ47018916	Pond 14	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count of Present	August 2008		0	9
SJ47078907	Pond 13	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count of Present	August 2008		0	9
SJ470891	Pond 15	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count of Present	August 2008		0	9
SJ471891	Mine Waste, Cronton, Prescot	Common Frog	<i>Rana temporaria</i>	amphibian		16/07/2008	More information from: irecord.org.uk/record- details?occurrence_id=54 79830	0	2
SJ471891	Mine Waste, Cronton	Common Frog	<i>Rana temporaria</i>	amphibian		16/07/2008		0	13
SJ471891	Pond 17	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count of Present	August 2008		0	9
SJ475890	Pond 7	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count of Present	August 2008		0	9
SJ475890	Pond 9	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count of Present	August 2008		0	9

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SJ475890	Pond 1	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count of Present	August 2008		0	9
SJ476889	Frontal Cronton Colliery, Cronton	Common Frog	<i>Rana temporaria</i>	amphibian	1 Count of Present	August 2007		0	5
SJ4789	Old Cronton Colliery site	Common Frog	<i>Rana temporaria</i>	amphibian	Present Count of Larvae	12/04/2014		0	15
SJ4888	Gorse Lodge Nurseries, Knowsley	Common Frog	<i>Rana temporaria</i>	amphibian		16/07/2016	More information from: irecord.org.uk/record-details?occurrence_id=10012150	0	2
SJ48M	Baileys Lane, Liverpool, England, GB	Common Frog	<i>Rana temporaria</i>	amphibian	Present Count	21/03/2021	https://www.inaturalist.org/observations/71692328	0	6
SJ48U	Tarbock Hall Farm	Common Frog	<i>Rana temporaria</i>	amphibian	Present Count	21/03/2015		2	14
SJ45328627	Court Farm Woods, Halewood, UK	Common Toad	<i>Bufo bufo</i>	amphibian		29/03/2021	More information from: irecord.org.uk/record-details?occurrence_id=22586234	0	2
SJ45328628	Court Farm Woods, Halewood, UK	Common Toad	<i>Bufo bufo</i>	amphibian		29/03/2021	More information from: irecord.org.uk/record-details?occurrence_id=22586236	0	2
SJ45328628	Court Farm Woods, Halewood, UK	Common Toad	<i>Bufo bufo</i>	amphibian		29/03/2021	More information from: irecord.org.uk/record-details?occurrence_id=22586232	0	2
SJ45338627	Court Farm Wood Pond	Common Toad	<i>Bufo bufo</i>	amphibian	2 Count	10/04/2018		0	7
SJ453862	Court Farm Woods, Halewood, UK	Common Toad	<i>Bufo bufo</i>	amphibian	Present Count	29/03/2021	https://www.inaturalist.org/observations/72393808	0	6
SJ453862	Court Farm Woods, Halewood, UK	Common Toad	<i>Bufo bufo</i>	amphibian	Present Count	29/03/2021	https://www.inaturalist.org/observations/72393856	0	6
SJ453862	Court Farm Woods, Halewood, UK	Common Toad	<i>Bufo bufo</i>	amphibian	Present Count	29/03/2021	https://www.inaturalist.org/observations/72393887	0	6
SJ45448657	Parkland via Lightoaks Drive, Halewood	Common Toad	<i>Bufo bufo</i>	amphibian	1 Count	09/10/2018		0	7
SJ45538898	Tarbock Green, Knowsley, Pond 2: east of Whitefield Lane	Common Toad	<i>Bufo bufo</i>	amphibian	1 Count; 2 Count of Larvae	04/05/2010	bottled, 10 bottles used. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ4587	Tarbock Green, UK	Common Toad	<i>Bufo bufo</i>	amphibian	Present Count	28/03/2021	Spawn https://www.inaturalist.org/observations/72302592	0	6
SJ458879	Tarbock Green, UK	Common Toad	<i>Bufo bufo</i>	amphibian	Present Count	21/03/2020	X35 breeding pairs https://www.inaturalist.org/observations/40389055	0	6

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SJ458880	Tarbock Green, UK	Common Toad	<i>Bufo bufo</i>	amphibian	Present Count	28/03/2021	https://www.inaturalist.org/observations/72302753	0	6
SJ45908792	Tarbock Green, UK	Common Toad	<i>Bufo bufo</i>	amphibian		23/03/2021	More information from: irecord.org.uk/record-details?occurrence_id=22578111	0	2
SJ45908792	Tarbock Green, UK	Common Toad	<i>Bufo bufo</i>	amphibian		23/03/2021	More information from: irecord.org.uk/record-details?occurrence_id=22578131	0	2
SJ459878	Greensbridge Lane, Tarbock Green, Prescot L35 1QA, UK	Common Toad	<i>Bufo bufo</i>	amphibian	Present Count	28/03/2021	Spawn https://www.inaturalist.org/observations/72301575	0	6
SJ459879	Tarbock Green, UK	Common Toad	<i>Bufo bufo</i>	amphibian	Present Count	23/03/2021	65 individual adults, many breeding https://www.inaturalist.org/observations/71897311	0	6
SJ459879	Tarbock Green, UK	Common Toad	<i>Bufo bufo</i>	amphibian	Present Count	23/03/2021	Confirmed breeding. https://www.inaturalist.org/observations/71897068	0	6
SJ460864	Greens Bridge Plantation	Common Toad	<i>Bufo bufo</i>	amphibian	1 Count of Present	07/05/1981	Dead in Juncus effusus bed	0	5
SJ460864	Greens Bridge Plantation	Common Toad	<i>Bufo bufo</i>	amphibian	1 Count of Present	1981		0	5
SJ460865	Green's Bridge Farm Pond, Greensbridge Lane, Halewood, Merseyside	Common Toad	<i>Bufo bufo</i>	amphibian	1 Count of Present	31/08/1971	present	0	3
SJ460866	Green's Bridge Plantation	Common Toad	<i>Bufo bufo</i>	amphibian		07/05/1981	found dead in the Juncus effusus bed.	0	16
SJ46168847	Tarbock Green, Knowsley, Pond 4: large open pond to west of Ox Lane, nearest to Tarbock Hall	Common Toad	<i>Bufo bufo</i>	amphibian	1 Count of Adult	07/05/2010	Torch, perch seen. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ46168847	Tarbock Green, Knowsley, Pond 4: large open pond to west of Ox Lane, nearest to Tarbock Hall	Common Toad	<i>Bufo bufo</i>	amphibian	1 Count of Adult	12/05/2010	Torch. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ46298853	Tarbock old Hall ,Merseyside	Common Toad	<i>Bufo bufo</i>	amphibian		20/05/2020	More information from: irecord.org.uk/record-details?occurrence_id=13872637	0	2
SJ46718903	Tarbock Green, Knowsley, Pond 8: shallow pond only accessible via (and located to rear of) riding st	Common Toad	<i>Bufo bufo</i>	amphibian	2 Adult Count of Female	30/05/2010	Torch. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1

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SJ46778948	Tarbock Green, Knowsley, Pond 11: small pool at base of steep embankment, near motorway	Common Toad	<i>Bufo bufo</i>	amphibian	1 Count; 2 Count of Larvae	14/06/2010	Torch. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ46818945	Tarbock Green, Knowsley, Pond 10: ditch within woodland	Common Toad	<i>Bufo bufo</i>	amphibian	10 Count of Larvae	08/05/2010	Torch. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ46818945	Tarbock Green, Knowsley, Pond 10: ditch within woodland	Common Toad	<i>Bufo bufo</i>	amphibian	10 Count of Larvae	30/05/2010	Torch. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ47018916	Pond 14	Common Toad	<i>Bufo bufo</i>	amphibian	1 Count of Present	August 2008		0	9
SJ47078907	Pond 13	Common Toad	<i>Bufo bufo</i>	amphibian	1 Count of Present	August 2008		0	9
SJ470891	Pond 15	Common Toad	<i>Bufo bufo</i>	amphibian	1 Count of Present	August 2008		0	9
SJ471891	Mine Waste Cronton	Common Toad	<i>Bufo bufo</i>	amphibian	1 Count	11/06/2016		0	17
SJ471891	Mine Waste, Cronton, Prescot	Common Toad	<i>Bufo bufo</i>	amphibian		16/07/2008	More information from: irecord.org.uk/record-details?occurrence_id=5479835	0	2
SJ471891	Mine Waste, Cronton	Common Toad	<i>Bufo bufo</i>	amphibian		16/07/2008		0	13
SJ475890	Pond 5	Common Toad	<i>Bufo bufo</i>	amphibian	1 Count of Present	August 2008		0	9
SJ452863	Court Farm Wood, Halewood	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	Present Count of Possible breeding	01/07/2011		0	19
SJ4582888030	Pond 6, Tarbock Hall, Tarbock	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	1 Count of Juvenile; 11 Count of Adult Female; 3 Count of Adult Male; good numbers Count of egg/ovum	09/05/2004-04/06/2004	newts and eggs, eggs on leaves of submerged vegetation	0	5
SJ45858805	l35 1rhSJ 45859 88056 Liverpool, Lancashire	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	5 Count of Adult Male	10/08/2013		2	18
SJ4588	Tarbock hall	Great Crested Newt	<i>Triturus cristatus</i>	amphibian		21/02/2021	More information from: irecord.org.uk/record-details?occurrence_id=19295200	0	2
SJ458879	Tarbock Green, UK	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	Present Count	21/03/2020	X2 observed during daytime visual survey https://www.inaturalist.org/observations/40388743	0	6
SJ458879	Tarbock Green, UK	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	Present Count	28/03/2021	Eggs https://www.inaturalist.org/observations/72302147	0	6
SJ458880	Tarbock Green, UK	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	Present Count	28/03/2021	Eggs https://www.inaturalist.org	0	6

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							/observations/72302250		
SJ459878	Greensbridge Lane, Tarbock Green, Prescott L35 1QA, UK	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	Present Count	28/03/2021	Eggs https://www.inaturalist.org/observations/72301796	0	6
SJ46008868	Tarbock Green, Knowsley, Pond 6: heavily shaded ditch to west of pond 5	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	1 Count of Adult Female	19/05/2010	Torch. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ4612588475	Pond 1, Tarbock Hall, Tarbock	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	Abundant Count of egg/ovum	09/05/2004-04/06/2004	on submerged leaves of forget-me-not	0	5
SJ46188862	Tarbock Green, Knowsley, Pond 5: heavily shaded pond to west of Ox Lane	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	2 Count of spawn	07/06/2010	Visual. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ46188862	Tarbock Green, Knowsley, Pond 5: heavily shaded pond to west of Ox Lane	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	2 Count of spawn	14/06/2010	Visual. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ46188862	Tarbock Green, Knowsley, Pond 5: heavily shaded pond to west of Ox Lane	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	1 Count of Adult Female	19/05/2010	Torch. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ46188862	Tarbock Green, Knowsley, Pond 5: heavily shaded pond to west of Ox Lane	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	2 Count of spawn	26/05/2010	Visual. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ46188862	Tarbock Green, Knowsley, Pond 5: heavily shaded pond to west of Ox Lane	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	1 Count of Adult Female	26/05/2010	Torch. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ462884	ox lane tarbock	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	5 Count	06/08/2013		0	20
SJ469880	Water Lane Farm, Tarbock Green	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	Present Count of High Potential	23/03/2006	ponds considered great potential for g.c.newts	0	5
SJ45268910	Tarbock Green, Knowsley, Pond 1: west of Whitefield Lane	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian	7 Count of Adult Female	04/05/2010	Torch. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ45268910	Tarbock Green, Knowsley, Pond 1: west of Whitefield Lane	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian	1 Count of Adult Female	04/05/2010	bottled, 20 bottles used. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ45268910	Tarbock Green, Knowsley, Pond 1: west of Whitefield Lane	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian	2 Count of Adult	04/05/2010	bottled, 20 bottles used. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ45268910	Tarbock Green, Knowsley, Pond 1: west of Whitefield Lane	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian	3 Count of Adult	04/05/2010	Torch, Highways Agency survey: 3 survey _x000D_methods were used to survey each _x000D_pond on each visit. Generally, torch	0	1

							_x000D_search, egg search and bottle _x000D_trapping were used unless stated _x000D_otherwise but in many cases one of _x000D_these		
SJ45268910	Tarbock Green, Knowsley, Pond 1: west of Whitefield Lane	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian	1 Count of Adult Female	12/05/2010	Torch. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ45268910	Tarbock Green, Knowsley, Pond 1: west of Whitefield Lane	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian	2 Count of Adult	12/05/2010	Torch. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ45268910	Tarbock Green, Knowsley, Pond 1: west of Whitefield Lane	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian	2 Count of Adult	19/05/2010	Torch. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ45268910	Tarbock Green, Knowsley, Pond 1: west of Whitefield Lane	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian	1 Count of Adult Female	19/05/2010	bottled, 20 bottles used. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ45268910	Tarbock Green, Knowsley, Pond 1: west of Whitefield Lane	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian	1 Count of Adult Female	26/05/2010	bottled, 20 bottles used. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ45268910	Tarbock Green, Knowsley, Pond 1: west of Whitefield Lane	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian	3 Count of Adult	26/05/2010	Torch. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ4532286277	South Lancashire	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian	1 Count	17/11/2007	Juvenile	0	3
SJ4532286277	Court Farm Pond, Court Farm, Halewood, Liverpool	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian	1 Count	17/11/2007	Juvenile	0	3
SJ45328627	Court Farm Wood Pond	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian	68 Count	03/04/2018		0	7
SJ45328628	Court Farm Wood, Pond, Huyton-With-Roby	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian	1 Count	28/10/2016		0	7
SJ45338627	Court Farm Wood Pond	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian	5 Count	10/04/2018		0	7
SJ45358625	Court Farm Wood, Halewood, Liverpool, Merseyside, South Lancashire	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian	7 Count of Adult Male	22/05/2018	in pond Record GUID (from Gilbert 21): ea2	0	8
SJ45358625	Court Farm Wood, Halewood, Liverpool, Merseyside, South Lancashire	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian	3 Count of Adult Female	22/05/2018	in pond Record GUID (from Gilbert 21): fec	0	8
SJ45358625	Court Farm Wood,	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian		22/05/2018	More information from:	0	2

	Halewood, Liverpool, Merseyside, Huyton-With-Roby						irecord.org.uk/record-details?occurrence_id=7713716		
SJ45358625	Court Farm Wood, Halewood, Liverpool, Merseyside, Huyton-With-Roby	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian		22/05/2018	More information from: irecord.org.uk/record-details?occurrence_id=7713715	0	2
SJ453863	HaleWood	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian	Present Count	09/04/1996		0	22
SJ453863	Court Farm Pond H.W	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian		09/04/1996		0	23
SJ453863	Court Farm Pond, Court Farm, Halewood, Liverpool	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian	2 Count	09/04/1996	Female	0	3
SJ453863	Court Farm Pond, Halewood	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian	Present Count of Adult	1996 - 1998		0	21
SJ453863	HaleWood	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian	Present Count	20/04/1996		0	22
SJ453863	Court Farm Pond H.W	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian		20/04/1996		0	23
SJ453863	Court Farm Pond, Court Farm, Halewood, Liverpool	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian	1 Count	21/07/1998	Female	0	3
SJ453863	Court Farm Pond, Court Farm, Halewood, Liverpool	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian	2 Count	21/07/1998	Male	0	3
SJ453863	Court Farm Pond H.W	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian		21/07/1998		0	23
SJ453863	HaleWood	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian	Present Count	21/07/1998		0	22
SJ4582888030	Pond 6, Tarbock Hall, Tarbock	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian	1 Count	09/05/2004-04/06/2004		0	5
SJ458879	Tarbock Green, UK	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian	Present Count	21/03/2020	https://www.inaturalist.org/observations/40389050	0	6
SJ458879	Tarbock Green, UK	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian	Present Count	28/03/2021	https://www.inaturalist.org/observations/72302512	0	6
SJ459878	Tarbock Green, UK	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian	Present Count	28/03/2021	https://www.inaturalist.org/observations/72301455	0	6
SJ46168847	Tarbock Green, Knowsley, Pond 4: large open pond to west of Ox Lane, nearest to Tarbock Hall	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian	1 Count of Adult	07/06/2010	Torch, perch seen. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ46168847	Tarbock Green, Knowsley, Pond 4: large open pond to west of Ox Lane, nearest to Tarbock Hall	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian	1 Count of Adult	19/05/2010	bottled, 20 bottles used. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ46188862	Tarbock Green, Knowsley, Pond 5: heavily shaded pond to west of Ox Lane	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian	1 Count of Adult Female	14/06/2010	Torch. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ46188862	Tarbock Green, Knowsley, Pond 5: heavily shaded pond	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian	1 Count of Adult	14/06/2010	Torch. ARGSL dataset (March 2014 update).	0	1

	to west of Ox Lane						xchange - ARGSL		
SJ46188862	Tarbock Green, Knowsley, Pond 5: heavily shaded pond to west of Ox Lane	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian	1 Count of Adult	26/05/2010	Torch. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ46188862	Tarbock Green, Knowsley, Pond 5: heavily shaded pond to west of Ox Lane	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian	2 Adult Count of Female	26/05/2010	Torch. ARGSL dataset (March 2014 update). xchange - ARGSL	0	1
SJ4636788206	Pond 5, Tarbock Hall, Tarbock	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian	1 Count	09/05/2004- 04/06/2004	1	0	5
SJ46968927	Pond 16	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian	1 Count of Present	August 2008		0	9
SJ47018916	Pond 14	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian	1 Count of Present	August 2008		0	9
SJ47078907	Pond 13	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian	1 Count of Present	August 2008		0	9
SJ4888	Penny Lane, Widnes, England, GB	Smooth Newt	<i>Lissotriton vulgaris</i>	amphibian		22/10/2015	More information from: irecord.org.uk/record- details?occurrence_id=22 646224	0	2
SJ458884		Barn Owl	<i>Tyto alba</i>	bird	1 Count of Confirmed breeding	1997 - 1999		2	24
SJ461883	Tarbock Hall, Prescot	Barn Owl	<i>Tyto alba</i>	bird	2 Count of Possible breeding	June 1999	Male and female roosting, observed making a kill. Fresh pellets found as well as whitewashing, reporter believes the female has chicks.	2	5
SJ48M		Barn Owl	<i>Tyto alba</i>	bird	1 Count of Confirmed breeding	2000 - 2005		2	24
SJ48S		Barn Owl	<i>Tyto alba</i>	bird	1 Count of Confirmed breeding	1998		2	24
SJ48T		Barn Owl	<i>Tyto alba</i>	bird	1 Count of Possible breeding	1997 - 1999		2	24
SJ48U		Barn Owl	<i>Tyto alba</i>	bird	1 Count of Confirmed breeding	1999		2	24
SJ461882	Tarbock Hall Farm, Tarbock Hall Farm	Bullfinch	<i>Pyrrhula pyrrhula</i>	bird	Probable Count of Confirmed breeding	2007		2	24
SJ461883	Tarbock Hall, Prescot	Bullfinch	<i>Pyrrhula pyrrhula</i>	bird	1 Count of Nesting Pair	June 1999		2	5
SJ48M		Bullfinch	<i>Pyrrhula pyrrhula</i>	bird	1 Count of Possible breeding	1999		2	24
SJ48M		Bullfinch	<i>Pyrrhula pyrrhula</i>	bird	1 Count of Confirmed breeding	1999		2	24
SJ48N	Netherley East tetrad	Bullfinch	<i>Pyrrhula pyrrhula</i>	bird	1 Count of Possible breeding	1998		2	24

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SJ48U	Cronton Colliery	Bullfinch	<i>Pyrrhula pyrrhula</i>	bird	1 Count of Confirmed breeding	1999		2	24
SJ48U	Cronton Colliery	Canada Goose	<i>Branta canadensis</i>	bird	1 Count of Confirmed breeding	1999		2	24
SJ461883	Tarbock Hall, Prescot	Corn Bunting	<i>Emberiza calandra</i>	bird	2 Count of Nesting Pair	June 1999		2	5
SJ4685		Corn Bunting	<i>Emberiza calandra</i>	bird	1 Count of Confirmed breeding	2002	Whole 1km square surveyed but counts not comprehensive.	2	24
SJ4685	Lower Rd, Halewood	Corn Bunting	<i>Emberiza calandra</i>	bird	2 Count of Probable breeding	2005		2	24
SJ48M		Corn Bunting	<i>Emberiza calandra</i>	bird	1 Count of Confirmed breeding	1994		2	24
SJ48M		Corn Bunting	<i>Emberiza calandra</i>	bird	2 Count of Confirmed breeding	1998		2	24
SJ48M	Halewood	Corn Bunting	<i>Emberiza calandra</i>	bird	2 Count of Confirmed breeding	2000		2	24
SJ48M		Corn Bunting	<i>Emberiza calandra</i>	bird	1 Count of Confirmed breeding	2000 - 2005		2	24
SJ48P		Corn Bunting	<i>Emberiza calandra</i>	bird	1 Count of Confirmed breeding	1999		2	24
SJ48S		Corn Bunting	<i>Emberiza calandra</i>	bird	2 Count of Confirmed breeding	1998		2	24
SJ48T	Tarbock Green	Corn Bunting	<i>Emberiza calandra</i>	bird	6 Count of Confirmed breeding	1998		2	24
SJ48U	Cronton Colliery	Corn Bunting	<i>Emberiza calandra</i>	bird	1 Count of Confirmed breeding	1999		2	24
SJ48U		Corn Bunting	<i>Emberiza calandra</i>	bird	1 Count of Confirmed breeding	1999		2	24
SJ48S		Cuckoo	<i>Cuculus canorus</i>	bird	1 Count of Possible breeding	1998		2	24
SJ48T		Cuckoo	<i>Cuculus canorus</i>	bird	1 Count of Possible breeding	1999		2	24
SJ461883	Tarbock Hall, Prescot	Dunnock	<i>Prunella modularis</i>	bird	5 Count of Nesting Pair	June 1999		2	5
SJ4789	cronton colliery	Dunnock	<i>Prunella modularis</i>	bird	1 Count of Probable breeding	13/06/2008		2	9
SJ4789	cronton colliery	Dunnock	<i>Prunella modularis</i>	bird	1 Count of Probable breeding	21/04/2008		2	9
SJ48M		Dunnock	<i>Prunella modularis</i>	bird	1 Count of Confirmed breeding	1999		2	24
SJ48N	Netherley East tetrad	Dunnock	<i>Prunella modularis</i>	bird	1 Count of Confirmed breeding	1998		2	24
SJ48P	Netherley NE	Dunnock	<i>Prunella modularis</i>	bird	1 Count of Confirmed breeding	1999		2	24

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SJ48S		Dunnock	<i>Prunella modularis</i>	bird	1 Count of Confirmed breeding	1998		2	24
SJ48T	Tarbock Green	Dunnock	<i>Prunella modularis</i>	bird	1 Count of Confirmed breeding	1998		2	24
SJ48U	Cronton Colliery	Dunnock	<i>Prunella modularis</i>	bird	1 Count of Confirmed breeding	1999		2	24
SJ48Z	Cronton tetrad	Dunnock	<i>Prunella modularis</i>	bird	1 Count of Possible breeding	1998		2	24
SJ48Z		Dunnock	<i>Prunella modularis</i>	bird	1 Count of Confirmed breeding	2000		2	24
SJ460865	Greensbridge Plantation, Tarbock, Greensbridge Plantation, Tarbock	Grasshopper Warbler	<i>Locustella naevia</i>	bird	1 Possible Count of Confirmed breeding	2006		2	24
SJ472861	Springfield Farm, Halewood, Springfield Farm, Halewood	Grasshopper Warbler	<i>Locustella naevia</i>	bird	1 Possible Count of Confirmed breeding	2006		2	24
SJ4789	cronton colliery	Grasshopper Warbler	<i>Locustella naevia</i>	bird	1 Count of Probable breeding	13/06/2008		2	9
SJ4789	cronton colliery	Grasshopper Warbler	<i>Locustella naevia</i>	bird	1 Count of Probable breeding	21/04/2008		2	9
SJ48M		Grasshopper Warbler	<i>Locustella naevia</i>	bird	1 Count of Possible breeding	1999		2	24
SJ48M		Grasshopper Warbler	<i>Locustella naevia</i>	bird	1 Count of Confirmed breeding	2000 - 2005		2	24
SJ48N		Grasshopper Warbler	<i>Locustella naevia</i>	bird	1 Count of Confirmed breeding	1997 - 1999		2	24
SJ48P	Lee Park Golf Course	Grasshopper Warbler	<i>Locustella naevia</i>	bird	1 Count of Possible breeding	1999		2	24
SJ48T		Grasshopper Warbler	<i>Locustella naevia</i>	bird	1 Count of Confirmed breeding	1998		2	24
SJ48U	Cronton Colliery	Grasshopper Warbler	<i>Locustella naevia</i>	bird	1 Count of Confirmed breeding	1999		2	24
SJ4487	North End Farm	Grey Partridge	<i>Perdix perdix</i>	bird	1 Count of Confirmed breeding	2000		2	24
SJ4487		Grey Partridge	<i>Perdix perdix</i>	bird	1 Count of Probable breeding	2002	Whole 1km square surveyed. Counts not comprehensive.	2	24
SJ4585	Finch Lane, Halewood	Grey Partridge	<i>Perdix perdix</i>	bird	1 Count of Confirmed breeding	2005		2	24
SJ4587	Dale Farm	Grey Partridge	<i>Perdix perdix</i>	bird	1 Count of Confirmed breeding	2000		2	24
SJ461882	Tarbock Hall Farm, Tarbock Hall Farm	Grey Partridge	<i>Perdix perdix</i>	bird	Probable Count of Confirmed breeding	2007		2	24
SJ461883	Tarbock Hall Farm, Tarbock Hall Farm	Grey Partridge	<i>Perdix perdix</i>	bird	Probable Count of Confirmed breeding	2006		2	24

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SJ461883	Tarbock Hall, Prescot	Grey Partridge	<i>Perdix perdix</i>	bird	3 Count of Nesting Pair	June 1999		2	5
SJ465877	Tarbock, Tarbock	Grey Partridge	<i>Perdix perdix</i>	bird	Probable Count of Confirmed breeding	2007		2	24
SJ4685		Grey Partridge	<i>Perdix perdix</i>	bird	3 Count of Probable breeding	2002	Whole 1km square surveyed. Counts not comprehensive.	2	24
SJ4685	Lower Rd, Halewood	Grey Partridge	<i>Perdix perdix</i>	bird	1 Count of Probable breeding	2005		2	24
SJ4685	Ditton Fold Farm, Halewood, Mill Wood, Speke	Grey Partridge	<i>Perdix perdix</i>	bird	1 Count of Probable breeding	2005	In arable	2	24
SJ4688	Ox Lane, Tarbock	Grey Partridge	<i>Perdix perdix</i>	bird	1 Count of Probable breeding	2005		2	24
SJ4788	Water Lane, Tarbock	Grey Partridge	<i>Perdix perdix</i>	bird	1 Count of Probable breeding	2005		2	24
SJ4789	Cronton Colliery	Grey Partridge	<i>Perdix perdix</i>	bird	1 Count of Probable breeding	2005		2	24
SJ4789	Cronton Colliery	Grey Partridge	<i>Perdix perdix</i>	bird	1 Count of Probable breeding	21/06/2003	2 birds seen	2	24
SJ4888		Grey Partridge	<i>Perdix perdix</i>	bird	3 Count of Probable breeding	2002	Whole 1km square surveyed. Counts not comprehensive.	2	24
SJ48N		Grey Partridge	<i>Perdix perdix</i>	bird	1 Count of Confirmed breeding	1998		2	24
SJ48N	Netherley East tetrad	Grey Partridge	<i>Perdix perdix</i>	bird	2 Count of Confirmed breeding	1998		2	24
SJ48P		Grey Partridge	<i>Perdix perdix</i>	bird	1 Count of Confirmed breeding	1999		2	24
SJ48P		Grey Partridge	<i>Perdix perdix</i>	bird	1 Count of Confirmed breeding	1999		2	24
SJ48S		Grey Partridge	<i>Perdix perdix</i>	bird	2 Count of Confirmed breeding	1998		2	24
SJ48T		Grey Partridge	<i>Perdix perdix</i>	bird	1 Count of Confirmed breeding	1998		2	24
SJ48T	Tarbock Green	Grey Partridge	<i>Perdix perdix</i>	bird	3 Count of Confirmed breeding	1998		2	24
SJ48U		Grey Partridge	<i>Perdix perdix</i>	bird	1 Count of Confirmed breeding	1998		2	24
SJ48U	Cronton Colliery	Grey Partridge	<i>Perdix perdix</i>	bird	1 Count of Confirmed breeding	1999		2	24
SJ48U		Grey Partridge	<i>Perdix perdix</i>	bird	1 Count of Confirmed breeding	1999		2	24
SJ48M		Herring Gull	<i>Larus argentatus</i>	bird	1 Count of Confirmed breeding	2000 - 2005		2	24

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SJ461883	Tarbock Hall, Prescot	House Martin	<i>Delichon urbicum</i>	bird	1 Count of Nest	01/04/2004		2	5
SJ48M		House Martin	<i>Delichon urbicum</i>	bird	1 Count of Confirmed breeding	1999		2	24
SJ48M		House Martin	<i>Delichon urbicum</i>	bird	1 Count of Confirmed breeding	2000 - 2005		2	24
SJ48N	Netherley East tetrad	House Martin	<i>Delichon urbicum</i>	bird	1 Count of Confirmed breeding	1998		2	24
SJ48P	Netherley NE	House Martin	<i>Delichon urbicum</i>	bird	1 Count of Confirmed breeding	1999		2	24
SJ48S		House Martin	<i>Delichon urbicum</i>	bird	1 Count of Confirmed breeding	1998		2	24
SJ48T	Tarbock Green	House Martin	<i>Delichon urbicum</i>	bird	1 Count of Possible breeding	1998		2	24
SJ48U	Cronton Colliery	House Martin	<i>Delichon urbicum</i>	bird	1 Count of Confirmed breeding	1999		2	24
SJ451859		House Sparrow	<i>Passer domesticus</i>	bird	2 Proven Count of Confirmed breeding	2001		2	24
SJ461883	Tarbock Hall, Prescot	House Sparrow	<i>Passer domesticus</i>	bird	2 Count of Nesting Pair	June 1999		2	5
SJ48M		House Sparrow	<i>Passer domesticus</i>	bird	1 Count of Confirmed breeding	1999		2	24
SJ48M		House Sparrow	<i>Passer domesticus</i>	bird	1 Count of Confirmed breeding	2000 - 2005		2	24
SJ48N	Netherley East tetrad	House Sparrow	<i>Passer domesticus</i>	bird	1 Count of Confirmed breeding	1998		2	24
SJ48P	Netherley NE	House Sparrow	<i>Passer domesticus</i>	bird	1 Count of Probable breeding	1999		2	24
SJ48S		House Sparrow	<i>Passer domesticus</i>	bird	1 Count of Confirmed breeding	1998		2	24
SJ48T	Tarbock Green	House Sparrow	<i>Passer domesticus</i>	bird	1 Count of Confirmed breeding	1998		2	24
SJ48U	Cronton Colliery	House Sparrow	<i>Passer domesticus</i>	bird	1 Count of Confirmed breeding	1999		2	24
SJ48Z		House Sparrow	<i>Passer domesticus</i>	bird	1 Count of Confirmed breeding	1999		2	24
SJ4586	Netherley Brook, South Lancashire	Kingfisher	<i>Alcedo atthis</i>	bird	Present Count of Confirmed breeding	2014	Young fledging successfully.	2	25
SJ461883	Tarbock Hall, Prescot	Kingfisher	<i>Alcedo atthis</i>	bird	1 Count of Possible breeding	01/04/2004	Not seen however observed 3 possible nest burrows, fish present in brook and plenty of hunting perches making it a potential breeding site.	2	5

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SJ4688	Ocre Brook, South Lancashire	Kingfisher	<i>Alcedo atthis</i>	bird	Present Count of Confirmed breeding	2014	6 young fledged.	2	25
SJ4785	Ditton Brook, South Lancashire	Kingfisher	<i>Alcedo atthis</i>	bird	Present Count of Confirmed breeding	2014	Young fledging successfully.	2	25
SJ48T		Kingfisher	<i>Alcedo atthis</i>	bird	1 Count of Possible breeding	1997 - 1999		2	24
SJ447873	Gerrard's Farm, Netherley, Gerrard's Farm, Netherley	Lapwing	<i>Vanellus vanellus</i>	bird	1 Confirmed Count of Confirmed breeding	2006	Gerrards Lane, Netherley	2	24
SJ4487	North End Farm	Lapwing	<i>Vanellus vanellus</i>	bird	1 Count of Confirmed breeding	2000		2	24
SJ4487		Lapwing	<i>Vanellus vanellus</i>	bird	1 Count of Confirmed breeding	2002	Whole 1km square	2	24
SJ4587	Foxhill Farm, Halewood	Lapwing	<i>Vanellus vanellus</i>	bird	4 Count of Confirmed breeding	2005	In fields	2	24
SJ4588		Lapwing	<i>Vanellus vanellus</i>	bird	3 Count of Confirmed breeding	2002	Whole 1km square	2	24
SJ460865	Greensbridge Plantation, Tarbock, Greensbridge Plantation, Tarbock	Lapwing	<i>Vanellus vanellus</i>	bird	5 Confirmed Count of Confirmed breeding	2006		2	24
SJ4685		Lapwing	<i>Vanellus vanellus</i>	bird	1 Count of Confirmed breeding	2002	Whole 1km square	2	24
SJ4685		Lapwing	<i>Vanellus vanellus</i>	bird	8 Confirmed Count of Confirmed breeding	2006	Lower Rd, Halewood	2	24
SJ4789	cronton colieri	Lapwing	<i>Vanellus vanellus</i>	bird	1 Count of Probable breeding	13/06/2008		2	9
SJ4789	cronton colieri	Lapwing	<i>Vanellus vanellus</i>	bird	1 Count of Probable breeding	21/04/2008		2	9
SJ48M		Lapwing	<i>Vanellus vanellus</i>	bird	1 Count of Confirmed breeding	1999		2	24
SJ48M		Lapwing	<i>Vanellus vanellus</i>	bird	1 Count of Confirmed breeding	2000 - 2005		2	24
SJ48S		Lapwing	<i>Vanellus vanellus</i>	bird	1 Count of Confirmed breeding	1998		2	24
SJ48T	Tarbock Green	Lapwing	<i>Vanellus vanellus</i>	bird	1 Count of Confirmed breeding	1998		2	24
SJ48U	Cronton Colliery	Lapwing	<i>Vanellus vanellus</i>	bird	1 Count of Confirmed breeding	1999		2	24
SJ461882	Tarbock Hall Farm, Tarbock Hall Farm	Lesser Redpoll	<i>Acanthis cabaret</i>	bird	Probable Count of Confirmed breeding	2007		2	24
SJ461883	Tarbock Hall Farm, Tarbock Hall Farm	Lesser Redpoll	<i>Acanthis cabaret</i>	bird	Confirmed Count of Confirmed breeding	2006		2	24
SJ48P		Lesser Spotted Woodpecker	<i>Dryobates minor</i>	bird	1 Count of Possible breeding	1999		2	24

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SJ4487		Linnet	<i>Linaria cannabina</i>	bird	1 Count of Possible breeding	2002	Survey too early to confirm breeding or numbers	2	24
SJ4588		Linnet	<i>Linaria cannabina</i>	bird	1 Count of Possible breeding	2002	Survey too early to confirm breeding or numbers	2	24
SJ461883	Tarbock Hall, Prescot	Linnet	<i>Linaria cannabina</i>	bird	7 Count of Nesting Pair	June 1999		2	5
SJ4685		Linnet	<i>Linaria cannabina</i>	bird	1 Count of Possible breeding	2002	Survey too early to confirm breeding or numbers	2	24
SJ48M		Linnet	<i>Linaria cannabina</i>	bird	1 Count of Confirmed breeding	1999		2	24
SJ48N	Netherley East tetrad	Linnet	<i>Linaria cannabina</i>	bird	1 Count of Confirmed breeding	1998		2	24
SJ48P	Netherley NE	Linnet	<i>Linaria cannabina</i>	bird	1 Count of Confirmed breeding	1999		2	24
SJ48S		Linnet	<i>Linaria cannabina</i>	bird	1 Count of Confirmed breeding	1998		2	24
SJ48T	Tarbock Green	Linnet	<i>Linaria cannabina</i>	bird	1 Count of Confirmed breeding	1998		2	24
SJ48U		Linnet	<i>Linaria cannabina</i>	bird	1 Count of Confirmed breeding	1999		2	24
SJ4789	Working brick pits (non-SBI), Cronton Colliery	Little Ringed Plover	<i>Charadrius dubius</i>	bird	1 Count of Confirmed breeding	2005	Fledged 2 young	2	24
SJ4789	Cronton Colliery	Little Ringed Plover	<i>Charadrius dubius</i>	bird	1 Count of Confirmed breeding	2005		2	24
SJ48U	Cronton Colliery	Little Ringed Plover	<i>Charadrius dubius</i>	bird	1 Count of Confirmed breeding	1999		2	24
SJ460865	Greensbridge Plantation, Tarbock, Greensbridge Plantation, Tarbock	Reed Bunting	<i>Emberiza schoeniclus</i>	bird	3 Confirmed Count of Confirmed breeding	2006	Greensbridge Plantation, Tarbock	2	24
SJ461882	Tarbock Hall Farm, Tarbock Hall Farm	Reed Bunting	<i>Emberiza schoeniclus</i>	bird	Proven Count of Confirmed breeding	2007		2	24
SJ461883	Tarbock Hall Farm, Tarbock Hall Farm	Reed Bunting	<i>Emberiza schoeniclus</i>	bird	9 Confirmed Count of Confirmed breeding	2006		2	24
SJ461883	Tarbock Hall, Prescot	Reed Bunting	<i>Emberiza schoeniclus</i>	bird	2 Count of Nesting Pair	June 1999		2	5
SJ4685		Reed Bunting	<i>Emberiza schoeniclus</i>	bird	1 Count of Confirmed breeding	2002	Whole 1km square surveyed but counts not comprehensive.	2	24
SJ4789	cronton colliery	Reed Bunting	<i>Emberiza schoeniclus</i>	bird	1 Count of Probable breeding	13/06/2008		2	9
SJ4789	Cronton Colliery	Reed Bunting	<i>Emberiza schoeniclus</i>	bird	1 Count of Confirmed breeding	2005		2	24

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SJ48M		Reed Bunting	<i>Emberiza schoeniclus</i>	bird	1 Count of Confirmed breeding	1999		2	24
SJ48N		Reed Bunting	<i>Emberiza schoeniclus</i>	bird	1 Count of Confirmed breeding	1998		2	24
SJ48P	Netherley NE	Reed Bunting	<i>Emberiza schoeniclus</i>	bird	8 Count of Confirmed breeding	1999		2	24
SJ48S		Reed Bunting	<i>Emberiza schoeniclus</i>	bird	3 Count of Confirmed breeding	1998		2	24
SJ48T		Reed Bunting	<i>Emberiza schoeniclus</i>	bird	1 Count of Confirmed breeding	1998		2	24
SJ48T	Tarbock Green	Reed Bunting	<i>Emberiza schoeniclus</i>	bird	1 Count of Possible breeding	1998		2	24
SJ48U		Reed Bunting	<i>Emberiza schoeniclus</i>	bird	1 Count of Confirmed breeding	1998		2	24
SJ48U		Reed Bunting	<i>Emberiza schoeniclus</i>	bird	2 Count of Confirmed breeding	1999		2	24
SJ447867	Halewood, Halewood	Skylark	<i>Alauda arvensis</i>	bird	Proven Count of Confirmed breeding	2007		2	24
SJ447872	Halewood, Halewood	Skylark	<i>Alauda arvensis</i>	bird	Proven Count of Confirmed breeding	2007		2	24
SJ4487	North End Farm	Skylark	<i>Alauda arvensis</i>	bird	1 Count of Confirmed breeding	2000		2	24
SJ4487		Skylark	<i>Alauda arvensis</i>	bird	3 Count of Confirmed breeding	2002	Whole 1km square surveyed. Counts not comprehensive.	2	24
SJ4588		Skylark	<i>Alauda arvensis</i>	bird	4 Count of Confirmed breeding	2002	Whole 1km square surveyed. Counts not comprehensive.	2	24
SJ461882	Tarbock Hall Farm, Tarbock Hall Farm	Skylark	<i>Alauda arvensis</i>	bird	Proven Count of Confirmed breeding	2007		2	24
SJ461883	Tarbock Hall Farm, Tarbock Hall Farm	Skylark	<i>Alauda arvensis</i>	bird	12 Confirmed Count of Confirmed breeding	2006		2	24
SJ461883	Tarbock Hall, Prescott	Skylark	<i>Alauda arvensis</i>	bird	8 Count of Nesting Pair	June 1999		2	5
SJ4685		Skylark	<i>Alauda arvensis</i>	bird	2 Count of Confirmed breeding	2002	Whole 1km square surveyed. Counts not comprehensive.	2	24
SJ4789	cronton colieri	Skylark	<i>Alauda arvensis</i>	bird	1 Count of Probable breeding	13/06/2008		2	9
SJ4789	cronton colieri	Skylark	<i>Alauda arvensis</i>	bird	1 Count of Probable breeding	21/04/2008		2	9
SJ4888		Skylark	<i>Alauda arvensis</i>	bird	4 Count of Confirmed breeding	2002	Whole 1km square surveyed. Counts not comprehensive.	2	24

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SJ48M		Skylark	<i>Alauda arvensis</i>	bird	4 Count of Confirmed breeding	1999		2	24
SJ48N		Skylark	<i>Alauda arvensis</i>	bird	1 Count of Confirmed breeding	1998		2	24
SJ48N	Netherley East tetrad	Skylark	<i>Alauda arvensis</i>	bird	7 Count of Confirmed breeding	1998		2	24
SJ48P		Skylark	<i>Alauda arvensis</i>	bird	5 Count of Confirmed breeding	1999		2	24
SJ48P	Netherley NE	Skylark	<i>Alauda arvensis</i>	bird	1 Count of Confirmed breeding	1999		2	24
SJ48S		Skylark	<i>Alauda arvensis</i>	bird	5 Count of Confirmed breeding	1998		2	24
SJ48T		Skylark	<i>Alauda arvensis</i>	bird	1 Count of Confirmed breeding	1998		2	24
SJ48T	Tarbock Green	Skylark	<i>Alauda arvensis</i>	bird	1 Count of Confirmed breeding	1998		2	24
SJ48T		Skylark	<i>Alauda arvensis</i>	bird	10 Count of Confirmed breeding	1999		2	24
SJ48U		Skylark	<i>Alauda arvensis</i>	bird	1 Count of Confirmed breeding	1998		2	24
SJ48U	Cronton Colliery	Skylark	<i>Alauda arvensis</i>	bird	5 Count of Confirmed breeding	1999		2	24
SJ48U		Skylark	<i>Alauda arvensis</i>	bird	4 Count of Confirmed breeding	1999		2	24
SJ48Z	Cronton tetrad	Skylark	<i>Alauda arvensis</i>	bird	1 Count of Confirmed breeding	1998		2	24
SJ48Z		Skylark	<i>Alauda arvensis</i>	bird	3 Count of Confirmed breeding	2000		2	24
SJ461883	Tarbock Hall Farm, Tarbock Hall Farm	Song Thrush	<i>Turdus philomelos</i>	bird	3 Confirmed Count of Confirmed breeding	2006		2	24
SJ461883	Tarbock Hall, Prescott	Song Thrush	<i>Turdus philomelos</i>	bird	5 Count of Nesting Pair	June 1999		2	5
SJ4789	cronton colliery	Song Thrush	<i>Turdus philomelos</i>	bird	1 Count of Probable breeding	13/06/2008		2	9
SJ4789	cronton colliery	Song Thrush	<i>Turdus philomelos</i>	bird	1 Count of Probable breeding	21/04/2008		2	9
SJ48M		Song Thrush	<i>Turdus philomelos</i>	bird	1 Count of Confirmed breeding	1998		2	24
SJ48M		Song Thrush	<i>Turdus philomelos</i>	bird	5 Count of Confirmed breeding	1999		2	24
SJ48N		Song Thrush	<i>Turdus philomelos</i>	bird	1 Count of Confirmed breeding	1998		2	24
SJ48P	Netherley NE	Song Thrush	<i>Turdus philomelos</i>	bird	2 Count of Confirmed breeding	1999		2	24

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SJ48S		Song Thrush	<i>Turdus philomelos</i>	bird	2 Count of Confirmed breeding	1998		2	24
SJ48T		Song Thrush	<i>Turdus philomelos</i>	bird	1 Count of Confirmed breeding	1998		2	24
SJ48T	Tarbock Green	Song Thrush	<i>Turdus philomelos</i>	bird	3 Count of Confirmed breeding	1998		2	24
SJ48U	Cronton Colliery	Song Thrush	<i>Turdus philomelos</i>	bird	4 Count of Confirmed breeding	1999		2	24
SJ48Z	Cronton tetrad	Song Thrush	<i>Turdus philomelos</i>	bird	1 Count of Possible breeding	1998		2	24
SJ48Z		Song Thrush	<i>Turdus philomelos</i>	bird	1 Count of Confirmed breeding	2000		2	24
SJ48U	Cronton Colliery	Spotted Flycatcher	<i>Muscicapa striata</i>	bird	1 Count of Confirmed breeding	1999		2	24
SJ4789	Cronton Colliery	Starling	<i>Sturnus vulgaris</i>	bird	1 Count of Confirmed breeding	2005		2	24
SJ4789	cronton colliery	Starling	<i>Sturnus vulgaris</i>	bird	1 Count of Possible breeding	21/04/2008		2	9
SJ48M		Starling	<i>Sturnus vulgaris</i>	bird	1 Count of Confirmed breeding	1999		2	24
SJ48M		Starling	<i>Sturnus vulgaris</i>	bird	1 Count of Confirmed breeding	2000 - 2005		2	24
SJ48N	Netherley East tetrad	Starling	<i>Sturnus vulgaris</i>	bird	1 Count of Confirmed breeding	1998		2	24
SJ48P	Netherley NE	Starling	<i>Sturnus vulgaris</i>	bird	1 Count of Probable breeding	1999		2	24
SJ48S		Starling	<i>Sturnus vulgaris</i>	bird	1 Count of Confirmed breeding	1998		2	24
SJ48T	Tarbock Green	Starling	<i>Sturnus vulgaris</i>	bird	1 Count of Confirmed breeding	1998		2	24
SJ48U	Cronton Colliery	Starling	<i>Sturnus vulgaris</i>	bird	1 Count of Confirmed breeding	1999		2	24
SJ48Z	Cronton tetrad	Starling	<i>Sturnus vulgaris</i>	bird	1 Count of Possible breeding	1998		2	24
SJ48Z		Starling	<i>Sturnus vulgaris</i>	bird	1 Count of Confirmed breeding	2000		2	24
SJ461883	Tarbock Hall, Prescot	Swift	<i>Apus apus</i>	bird	1 Count of Nest	01/04/2004		2	5
SJ461883	Tarbock Hall, Prescot	Swift	<i>Apus apus</i>	bird	3 Count of Nesting Pair	June 1999		2	5
SJ48M		Swift	<i>Apus apus</i>	bird	1 Count of Confirmed breeding	2000 - 2005		2	24
SJ48N	Netherley East tetrad	Swift	<i>Apus apus</i>	bird	1 Count of Possible breeding	1998		2	24

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SJ48P	Netherley NE	Swift	<i>Apus apus</i>	bird	1 Count of Confirmed breeding	1999		2	24
SJ48S		Swift	<i>Apus apus</i>	bird	1 Count of Possible breeding	1998		2	24
SJ454880		Tree Sparrow	<i>Passer montanus</i>	bird	1 Probable Count of Confirmed breeding	09/08/2007	Mill Bridge Farm, Netherley. 2 ads with juv	2	24
SJ4587	Netherly brook	Tree Sparrow	<i>Passer montanus</i>	bird	4 Count of Probable breeding	28/04/2015	Field observation, singing in hawthorn next to brook	2	17
SJ4588		Tree Sparrow	<i>Passer montanus</i>	bird	2 Count of Confirmed breeding	2002	Whole 1km square surveyed but counts not comprehensive.	2	24
SJ461882	Tarbock Hall	Tree Sparrow	<i>Passer montanus</i>	bird	1 Count of Confirmed breeding	2005	Possibly not in Lancs	2	24
SJ461882	Tarbock Hall, Tarbock Hall	Tree Sparrow	<i>Passer montanus</i>	bird	Proven Count of Confirmed breeding	2007		2	24
SJ461883	Tarbock Hall Farm, Tarbock Hall Farm	Tree Sparrow	<i>Passer montanus</i>	bird	Confirmed Count of Confirmed breeding	2006		2	24
SJ461883	Tarbock Hall, Prescot	Tree Sparrow	<i>Passer montanus</i>	bird	20 Count of Nesting Pair	June 1999		2	5
SJ4688	Ox Lane, Tarbock, Ox Lane, Tarbock	Tree Sparrow	<i>Passer montanus</i>	bird	Probable Count of Confirmed breeding	2007		2	24
SJ48T		Tree Sparrow	<i>Passer montanus</i>	bird	1 Count of Confirmed breeding	1999		2	24
SJ48U		Tree Sparrow	<i>Passer montanus</i>	bird	4 Count of Confirmed breeding	1998		2	24
SJ4789	Cronton Colliery, Cronton Colliery	Willow Tit	<i>Poecile montanus</i>	bird	1 Possible Count of Confirmed breeding	2005		2	24
SJ48M		Willow Tit	<i>Poecile montanus</i>	bird	1 Count of Confirmed breeding	1999		2	24
SJ48N		Willow Tit	<i>Poecile montanus</i>	bird	1 Count of Confirmed breeding	1998		2	24
SJ48T		Willow Tit	<i>Poecile montanus</i>	bird	1 Count of Confirmed breeding	1998		2	24
SJ457868	Greensbridge Lane, Tarbock, Greensbridge Lane, Tarbock	Yellowhammer	<i>Emberiza citrinella</i>	bird	Probable Count of Confirmed breeding	2007		2	24
SJ4585	Lower Rd, Halewood	Yellowhammer	<i>Emberiza citrinella</i>	bird	3 Count of Probable breeding	09/07/2001	Singing males	2	24
SJ4587	Dale Farm	Yellowhammer	<i>Emberiza citrinella</i>	bird	2 Count of Confirmed breeding	2000		2	24
SJ461882	Tarbock Hall Farm, Tarbock Hall Farm	Yellowhammer	<i>Emberiza citrinella</i>	bird	Proven Count of Confirmed breeding	2007		2	24
SJ461883	Tarbock Hall, Prescot	Yellowhammer	<i>Emberiza citrinella</i>	bird	8 Count of Nesting Pair	June 1999		2	5
SJ462875	Brickwall Inn, Tarbock,	Yellowhammer	<i>Emberiza citrinella</i>	bird	Probable Count of	2007		2	24

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	Brickwall Inn, Tarbock				Confirmed breeding				
SJ4685		Yellowhammer	<i>Emberiza citrinella</i>	bird	2 Count of Confirmed breeding	2002	Whole 1km square surveyed but counts not comprehensive.	2	24
SJ4685	Lower Road, Halewood, Lower Road, Halewood	Yellowhammer	<i>Emberiza citrinella</i>	bird	Probable Count of Confirmed breeding	2007		2	24
SJ469882	Water Lane Farm, Tarbock, Water Lane Farm, Tarbock	Yellowhammer	<i>Emberiza citrinella</i>	bird	Probable Count of Confirmed breeding	2007		2	24
SJ4888		Yellowhammer	<i>Emberiza citrinella</i>	bird	2 Count of Confirmed breeding	2002	Whole 1km square surveyed but counts not comprehensive.	2	24
SJ48M		Yellowhammer	<i>Emberiza citrinella</i>	bird	1 Count of Confirmed breeding	1999		2	24
SJ48M		Yellowhammer	<i>Emberiza citrinella</i>	bird	1 Count of Confirmed breeding	2000 - 2005		2	24
SJ48M	Halewood	Yellowhammer	<i>Emberiza citrinella</i>	bird	9 Count of Confirmed breeding	2005		2	24
SJ48N	Netherley East tetrad	Yellowhammer	<i>Emberiza citrinella</i>	bird	6 Count of Confirmed breeding	1998		2	24
SJ48N		Yellowhammer	<i>Emberiza citrinella</i>	bird	1 Count of Confirmed breeding	1998		2	24
SJ48P		Yellowhammer	<i>Emberiza citrinella</i>	bird	4 Count of Confirmed breeding	1999		2	24
SJ48P	Tarbock	Yellowhammer	<i>Emberiza citrinella</i>	bird	1 Count of Confirmed breeding	2005	Total of 22 males in SJ48P \26 SJ49U	2	24
SJ48S		Yellowhammer	<i>Emberiza citrinella</i>	bird	2 Count of Confirmed breeding	1998		2	24
SJ48T	Tarbock Green	Yellowhammer	<i>Emberiza citrinella</i>	bird	5 Count of Confirmed breeding	1998		2	24
SJ48T		Yellowhammer	<i>Emberiza citrinella</i>	bird	1 Count of Confirmed breeding	1998		2	24
SJ48U		Yellowhammer	<i>Emberiza citrinella</i>	bird	1 Count of Confirmed breeding	1998		2	24
SJ48U	Cronton Colliery	Yellowhammer	<i>Emberiza citrinella</i>	bird	4 Count of Confirmed breeding	1999		2	24
SJ48U	Tarbock	Yellowhammer	<i>Emberiza citrinella</i>	bird	1 Count of Confirmed breeding	2005	Total of 22 males in SJ48P \26 SJ49U	2	24
SJ48Z	Cronton tetrad	Yellowhammer	<i>Emberiza citrinella</i>	bird	2 Count of Confirmed breeding	1998		2	24
SJ455866	DIDI05	European Eel	<i>Anguilla anguilla</i>	bony fish (Actinopterygii)	Present Count	11/06/2014		2	26
SJ455866	DIDI05	European Eel	<i>Anguilla anguilla</i>	bony fish (Actinopterygii)	Present Count	11/06/2014		2	26

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SJ4658089053	Chapel Brook	European Eel	<i>Anguilla anguilla</i>	bony fish (Actinopterygii)	7 Count	08/04/2005		0	27
SJ465890	DICH05	European Eel	<i>Anguilla anguilla</i>	bony fish (Actinopterygii)	Present Count	08/04/2005		0	22
SJ465890	DICH05	European Eel	<i>Anguilla anguilla</i>	bony fish (Actinopterygii)	Present Count	08/04/2005		2	26
SJ465890	DICH05	European Eel	<i>Anguilla anguilla</i>	bony fish (Actinopterygii)	Present Count	08/04/2005		2	26
SJ470891	Pond 15	European Eel	<i>Anguilla anguilla</i>	bony fish (Actinopterygii)	1 Count of Present	August 2008		0	9
SJ46108907	Ox Lane, Tarbock, Liverpool, Merseyside, South Lancashire	Water Fern	<i>Azolla filiculoides</i>	fern	occasional Count	22/03/2015	Record GUID (from Gilbert 21): 2c0555d2-fbf8-46	2	11
SJ46108907	Ox Lane, Tarbock, Liverpool, Merseyside, Huyton-With-Roby	Water Fern	<i>Azolla filiculoides</i>	fern		22/03/2015	More information from: irecord.org.uk/record-details?occurrence_id=7590053	2	2
SJ452866	Brigefield wood, Halwood	Aggregate-headed Hawkweed	<i>Hieracium aggregatum</i>	flowering plant	1 Count	02/09/1987		2	16
SJ463896	Windy Arbor Road Huyton	Aggregate-headed Hawkweed	<i>Hieracium aggregatum</i>	flowering plant	R DAFOR	August 1989 - September 1989		2	16
SJ4788	cronton	Aggregate-headed Hawkweed	<i>Hieracium aggregatum</i>	flowering plant	1 Count	13/08/1981		2	16
SJ445866	Church Road Woods, Halewood, Liverpool	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	1 Count of Occasional	28/05/1995	present	2	3
SJ447881	NETHERLEY WOODS AND BROOK	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		07/06/2006		2	33
SJ44978617	St Nicholas Churchyard, Church Road, Halewood, Liverpool, Merseyside, South Lancashire	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	local Count	23/02/2016	Record GUID (from Gilbert 21): ee536237-10b1-43ae-9c	2	11
SJ44978617	St Nicholas Churchyard, Church Road, Halewood, Liverpool, Merseyside, Huyton-With-Roby	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		23/02/2016	More information from: irecord.org.uk/record-details?occurrence_id=7571679	0	2
SJ45138673	Cartbridge Lane Woods, Huyton-With-Roby	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	A Count of DAFOR	14/09/2012	remains of stalk and seedheads	2	29
SJ45178674	Cartbridge Lane Woods, Huyton-With-Roby	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	F Count of DAFOR	14/09/2012	dried stalks and seedheads	2	29
SJ45188669	Cartbridge Lane Woods, Huyton-With-Roby	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	D Count of DAFOR	14/09/2012	Ground coverage (of remains) is dominant and extensive in this area of the site.	2	29
SJ45228627	Court Farm Wood,	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		22/05/2018	More information from:	0	2

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	Halewood, Liverpool, Merseyside, Huyton-With-Roby						irecord.org.uk/record-details?occurrence_id=7713707		
SJ45228627	Court Farm Wood, Halewood, Liverpool, Merseyside, South Lancashire	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	local Count of Flowering	22/05/2018	Record GUID (from Gilbert 21): 192fc622-25	0	8
SJ452865	Woodend Brook	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		April 1991		2	5
SJ452866	Wood nw of Cartbridge Lane	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		1981		2	5
SJ4529786328	Court Farm Woods, Knowsley	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		29/04/2019	https://www.inaturalist.org/observations/23888077	0	12
SJ453864	Court Farm, Halewood, Liverpool	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	locally Count of Frequent	09/04/1996	mature	2	3
SJ453864	Court Farm, Halewood, Liverpool	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	1 Count; 1 Count of Rare	28/05/1995	present	2	3
SJ456894	Roscoe's Wood, Tarbock, S.Lancs	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		12/05/1987	The record is followed by the comment 'unless Spanish Bluebell?'. 	2	16
SJ457894	Bass Site Huyton	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		July 1999		2	5
SJ458887	Ox Lane Wood, Huyton-With-Roby	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	Frequent Count	16/05/2013		2	29
SJ45968812	Brick Wall Covert, Huyton-With-Roby	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	R Count of Flowering	16/05/2013		2	29
SJ459887	Ox Lane Wood Tarbock	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		1981		2	5
SJ459887	Ox Lane Wood Tarbock	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		1989		2	5
SJ45988804	Brick Wall Covert, Huyton-With-Roby	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	F Count of Flowering	16/05/2013	Combination of Hybrid and Native.	2	29
SJ46018650	Green's Bridge Plantation	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	1 Count of Rare	17/04/2018		2	7
SJ46018650	Green's Bridge Plantation	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	1 Count of Rare	17/04/2018		2	32
SJ460864	Greens Bridge Plantation	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		03/07/2002		2	5
SJ460864	Liverpool L26 4XG, UK	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	Present Count	18/04/2020	https://www.inaturalist.org/observations/42509789	0	6
SJ460864	Tarbock Green, Prescot L35 1QN, UK	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	Present Count	18/04/2020	https://www.inaturalist.org/observations/42509926	0	6
SJ460864	Greens Bridge Plantation	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		1981		2	5
SJ460865	Tarbock Green, UK	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	Present Count	18/04/2020	https://www.inaturalist.org/observations/42508627	0	6
SJ460865	Tarbock Green, UK	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	Present Count	18/04/2020	https://www.inaturalist.org/observations/42508552	0	6

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SJ460865	Greenbridge plantation	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		1981		2	16
SJ460886	Ox Lane Wood, South Lancashire	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	Present Count	17/05/2013	Grid reference refers to site centroid.	2	28
SJ460886	Target Note 16	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	LOC F Count of DAFOR	June 2005 - July 2005		2	30
SJ46118867	Ox Lane Wood, Huyton-With-Roby	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	A Count of Flowering	16/05/2013	delicate plants with white stamen, large sward in understory. Slight encroachment from Bramble.	2	29
SJ461877	Brickwall Covert	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		1981		2	5
SJ461886	Ox Lane Wood, Huyton-With-Roby	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	Frequent Count	16/05/2013		2	29
SJ461891	Target Note 17	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	R Count of DAFOR	June 2005 - July 2005		2	30
SJ462878	Brick Wall Covert	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		2008	abundant	2	16
SJ463879	The Coppice	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		2008		2	16
SJ463896	Windy Arbor Huyton	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		02/06/1998		2	5
SJ463896	Windy Arbor Huyton	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		1981		2	5
SJ463896	M57/A562 Link Road Ecological Report	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	1 Count of Present	1989		2	31
SJ463896	Windy Arbor Huyton	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		1989		2	5
SJ463896	Small wood at Windy Arbor Road - Huyton	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	A DAFOR	2008	Field layer	2	16
SJ463896	Windy Arbor Road Huyton	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	VC DAFOR	August 1989 - September 1989	Few grasses/herbs are present but this species is very common	2	16
SJ464879	The Coppice	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		1981		2	5
SJ46488924	Dagger's bridge wood west, Huyton-With-Roby	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	1 Count of Dominant	21/03/2017		0	7
SJ465891	Target Note 13	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	LOC F Count of DAFOR	June 2005 - July 2005		2	30
SJ465893	Target Note 12	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	A Count of DAFOR	June 2005 - July 2005		2	30
SJ46598909	Dagger's bridge wood south, Huyton-With-Roby	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	1 Count of Abundant	21/03/2017		0	7
SJ4663089067	Dacre's Bridge Woodland, Merseyside, UK	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		11/04/2019	https://www.inaturalist.org/observations/22469394	0	12
SJ46638906	Dacre's Bridge Woodland, Merseyside, UK	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		11/04/2019	More information from: irecord.org.uk/record-	2	2

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							details?occurrence_id=9982805		
SJ46638919	Dagger's bridge wood north, Huyton-With-Roby	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	1 Count of Dominant	21/03/2017		0	7
SJ4665289054	Dacre's Bridge Woodland, Merseyside, UK	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		11/04/2019	https://www.inaturalist.org/observations/22469391	0	12
SJ46658905	Dacre's Bridge Woodland, Merseyside, UK	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		11/04/2019	More information from: irecord.org.uk/record-details?occurrence_id=9982804	2	2
SJ46668929	Strettlles Bog, Huyton-With-Roby	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	1 Count of Abundant	08/05/2017		0	7
SJ466891	Daggers Bridge Wood	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		02/05/1995		2	5
SJ466891	Daggers Bridge Wood	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		05/06/1995		2	5
SJ466891	Daggers Bridge Wood	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		1981		2	5
SJ466891	M57/A562 Link Road Ecological Report	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	1 Count of Present	1989		2	31
SJ466891	Daggers Bridge Wood	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		1989		2	5
SJ466891	Daggers Bridge Wood - Cronton	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	C DAFOR	2008		2	16
SJ466891	Small Wood - Daggers Bridge, Whiston	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	A DAFOR	2008	Field layer	2	16
SJ466891	Dagger's Bridge Wood	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		29/04/2005		2	5
SJ466891	Adjacent Daggers Bridge Farm - Tarbock Interchange M57/A562	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	1 Count	May 1991 - June 1991		2	5
SJ466893	Strettlles Bog Tarbock	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		16/05/2002		2	5
SJ466893	Strettlles Bog Tarbock	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		1981		2	5
SJ466893	M57/A562 Link Road Ecological Report	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	1 Count of Present	1981		2	31
SJ466893	Small patch woodland by M57/M62 motorway junction	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		2008	Field layer	2	16
SJ466893	Strettlles Bog	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		29/04/2005		2	5
SJ466894	Daggers Bridge, Whiston	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		12/05/1981		2	16
SJ466894	Daggers Bridge Plantation - Cronton	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		12/05/1981		2	16
SJ46808945	The Old Wood, Prescott	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	Abundant Count of seeding	20/06/2012		2	29
SJ46838951	The Old Wood, Prescott	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	Abundant Count of	20/06/2012		2	29

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SJ46858907	Dagger's bridge wood grassland, Huyton-With-Roby	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	1 Count of Abundant	21/03/2017		0	7
SJ4686	Tarbock Green, Prescott L35 1QN, UK	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	Present Count	18/04/2020	https://www.inaturalist.org/observations/42513363	0	6
SJ468894	The Old Wood south	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		1981		2	5
SJ468894	The Old Wood south	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		1989		2	5
SJ468894	Tarbock Green, Prescott L35 1QZ, UK	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	Present Count	29/03/2021	https://www.inaturalist.org/observations/72373892	0	6
SJ468894	Target Note 10	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	A Count of DAFOR	June 2005 - July 2005		2	30
SJ468895	Woodland, Halsnhead Park, Whiston (south of Big Water)	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		1968	abundant	2	16
SJ468895	Halsnhead, Whiston - Old Wood	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		1968	abundant	2	16
SJ468895	Halsnhead Park, The Old Wood (south)	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	C DAFOR	2008		2	16
SJ4689	Halsnhead Park, Whiston	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		07/10/1993		2	16
SJ4689	Great Britain, Prescott, England, GB	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		23/04/2020	More information from: irecord.org.uk/record-details?occurrence_id=2210008	2	2
SJ4689	Great Britain, Prescott, England, GB	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	Present Count	23/04/2020	https://www.inaturalist.org/observations/44283121	0	6
SJ4689	Tarbock Green, Prescott L35 1QZ, UK	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		29/03/2021	More information from: irecord.org.uk/record-details?occurrence_id=22585732	2	2
SJ4689	Target Note 3	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	10 Count of DOMIN	June 2005 - July 2005		2	30
SJ46898946	The Old Wood, Prescott	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	Abundant Count of DAFOR	20/06/2012		2	29
SJ471886	Wood with ponds s of Cronton Road	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		21/05/2002		2	5
SJ471891	Mine Waste Cronton, Area 2	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	Abundant Count of DAFOR	14/04/2016		0	17
SJ471891	Mine Waste Cronton	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		1981		2	5
SJ471891	Mine Waste Cronton	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		1989		2	5
SJ471893	Wood w of Cronton Colliery	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		1981		2	5
SJ472891	Pond and Rough grassland	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		1968		2	16

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	outline waste, Cronton Road, Whiston								
SJ473891	Cronton Colliery Lagoon	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		14/06/2002		2	5
SJ473891	Cronton Colliery Lagoon	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant		16/05/2002		2	5
SJ476889	Frontal Cronton Colliery, Cronton	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	1 Count	August 2007		2	5
SJ48N		Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	1 Count of Present	1995		2	21
SJ45578633	Lightoaks Drive Park, Lightoaks Drive, Halewood, Liverpool, Merseyside, UK	Box	<i>Buxus sempervirens</i>	flowering plant		13/11/2020	More information from: irecord.org.uk/record-details?occurrence_id=18533505	2	2
SJ45578633	Lightoaks Drive Park, Lightoaks Drive, Halewood, Liverpool, Merseyside, UK	Box	<i>Buxus sempervirens</i>	flowering plant		13/11/2020	More information from: irecord.org.uk/record-details?occurrence_id=22501151	2	2
SJ455863	Lightoaks Drive Park, Lightoaks Drive, Halewood, Liverpool, Merseyside, UK	Box	<i>Buxus sempervirens</i>	flowering plant	Present Count	13/11/2020	https://www.inaturalist.org/observations/64818291	0	6
SJ458859	The Heyes Farm, Lower Road, Halewood.	Canadian Waterweed	<i>Elodea canadensis</i>	flowering plant	>1 Count of Present	04/08/2005	Recorded within the lake.	2	5
SJ460867	Greenbridge Wood, Tarbock, South Lancashire	Canadian Waterweed	<i>Elodea canadensis</i>	flowering plant		14/09/1987		2	16
SJ462868	Ponds se of Greens Bridge Farm	Canadian Waterweed	<i>Elodea canadensis</i>	flowering plant		1981		2	5
SJ462878	Group of 3 ponds	Canadian Waterweed	<i>Elodea canadensis</i>	flowering plant		1987	southern pond	2	16
SJ467860	Pond s of Railway	Canadian Waterweed	<i>Elodea canadensis</i>	flowering plant		1987		2	5
SJ4689	Halsnead Park, Whiston	Canadian Waterweed	<i>Elodea canadensis</i>	flowering plant		07/10/1993		2	16
SJ470890	Pond s of Cronton Colliery	Canadian Waterweed	<i>Elodea canadensis</i>	flowering plant		06/10/1998		2	5
SJ46138937	Land at Cronton road	Common Cudweed	<i>Filago vulgaris</i>	flowering plant	1 Count of Present	29/08/2008		2	13
SJ459887	Ox Lane Wood Tarbock	Corn Chamomile	<i>Anthemis arvensis</i>	flowering plant		1989		0	5
SJ468894	The Old Wood south	Corn Chamomile	<i>Anthemis arvensis</i>	flowering plant		1989		0	5
SJ471891	Mine Waste Cronton	Corn Chamomile	<i>Anthemis arvensis</i>	flowering plant		1989		0	5
SJ44248745	belle vale, merseyside	Corn Marigold	<i>Glebionis segetum</i>	flowering plant		17/10/2020	More information from: irecord.org.uk/record-details?occurrence_id=18090871	0	2
SJ449865	Cartbridge Lane, Liverpool, England, GB	Corn Marigold	<i>Glebionis segetum</i>	flowering plant		28/08/2021	More information from: irecord.org.uk/record-	2	2

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							details?occurrence_id=22909918		
SJ444872	Landlife fields North End Halewood Knowsley	Cornflower	<i>Centaurea cyanus</i>	flowering plant		15/09/2002		2	5
SJ445879	Merseyside	Cornflower	<i>Centaurea cyanus</i>	flowering plant		15/08/2020	More information from: irecord.org.uk/record-details?occurrence_id=22408433	0	2
SJ445879	Merseyside	Cornflower	<i>Centaurea cyanus</i>	flowering plant	Present Count	15/08/2020	https://www.inaturalist.org/observations/56497549	0	6
SJ458864	Near Greens Bridge Farm Halewood Knowsley	Cornflower	<i>Centaurea cyanus</i>	flowering plant		15/09/2002		2	5
SJ460865	Greenbridge Wood, Tarbock, South Lancashire	Creeping Spearwort	<i>Ranunculus reptans</i>	flowering plant		03/09/1987		2	16
SJ460867	Greenbridge Wood, Tarbock, South Lancashire	Creeping Spearwort	<i>Ranunculus reptans</i>	flowering plant		14/09/1987		2	16
SJ46408837	Tarbock, merseyside	Dittander	<i>Lepidium latifolium</i>	flowering plant		12/06/2021	More information from: irecord.org.uk/record-details?occurrence_id=20637309	2	2
SJ4688	tarbock old hall merseyside	Dittander	<i>Lepidium latifolium</i>	flowering plant		10/10/2020	More information from: irecord.org.uk/record-details?occurrence_id=18019513	0	2
SJ4586	Greensbridge Lane, Prescot, England, GB	Field Woundwort	<i>Stachys arvensis</i>	flowering plant		23/12/2021	More information from: irecord.org.uk/record-details?occurrence_id=23359986	2	2
SJ458859	The Heyes Farm, Lower Road, Halewood.	Fringed Water-lily	<i>Nymphoides peltata</i>	flowering plant	>1 Count of Present	04/08/2005	Recorded within the lake.	2	5
SJ46108907	Ox Lane Tarbock, merseyside	Fringed Water-lily	<i>Nymphoides peltata</i>	flowering plant		21/09/2020	More information from: irecord.org.uk/record-details?occurrence_id=17907519	2	2
SJ462858	Hough Green to Halewood	Fringed Water-lily	<i>Nymphoides peltata</i>	flowering plant		28/05/2006	Common near Hough Green station and some in pond at SJ478856	2	34
SJ46858907	Dagger's bridge wood grassland, Huyton-With-Roby	Grape-hyacinth	<i>Muscari neglectum</i>	flowering plant	1 Count of Rare	21/03/2017		2	32
SJ46858907	Dagger's bridge wood grassland, Huyton-With-Roby	Grape-hyacinth	<i>Muscari neglectum</i>	flowering plant	1 Count of Rare	21/03/2017		2	7
SJ470888	Cronton Quarry, Knowsley.	<i>Heracleum sphondylium</i> subsp. <i>flavescens</i>	<i>Heracleum sphondylium</i> subsp. <i>flavescens</i>	flowering plant	1 Count	02/09/1986	Ponds:: o. Pool:: o.	2	5

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SJ447881	NETHERLEY WOODS AND BROOK	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		07/06/2006		2	33
SJ44788802	Woodlands Park, Winster Drive, Netherley, Liverpool, Merseyside, Huyton-With-Roby	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		18/09/2016	More information from: irecord.org.uk/record-details?occurrence_id=7574876	0	2
SJ44788802	Woodlands Park, Winster Drive, Netherley, Liverpool, Merseyside, South Lancashire	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	locally frequent Count of Flowering	18/09/2016	Record GUID (from Gilbert 21): 42be71	2	11
SJ44808808	Woodlands Park, Winster Drive, Netherley, Liverpool, Merseyside, South Lancashire	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	locally abundant Count of Flowering	18/09/2016	Record GUID (from Gilbert 21): 31c09a	2	11
SJ44808808	Woodlands Park, Winster Drive, Netherley, Liverpool, Merseyside, Huyton-With-Roby	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		18/09/2016	More information from: irecord.org.uk/record-details?occurrence_id=7574761	0	2
SJ44828798	Woodlands Park, Winster Drive, Netherley, Liverpool, Merseyside, Huyton-With-Roby	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		18/09/2016	More information from: irecord.org.uk/record-details?occurrence_id=7574985	0	2
SJ44828798	Woodlands Park, Winster Drive, Netherley, Liverpool, Merseyside, South Lancashire	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	locally frequent Count of Flowering	18/09/2016	Record GUID (from Gilbert 21): 19e79b	2	11
SJ44848808	Woodlands Park, Winster Drive, Netherley, Liverpool, Merseyside, Huyton-With-Roby	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		18/09/2016	More information from: irecord.org.uk/record-details?occurrence_id=7574842	0	2
SJ44848808	Woodlands Park, Winster Drive, Netherley, Liverpool, Merseyside, South Lancashire	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	locally frequent Count of Flowering	18/09/2016	Record GUID (from Gilbert 21): 9360b0	2	11
SJ44878807	Woodlands Park, Winster Drive, Netherley, Liverpool, Merseyside, Huyton-With-Roby	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		18/09/2016	More information from: irecord.org.uk/record-details?occurrence_id=7574745	0	2
SJ44878807	Woodlands Park, Winster Drive, Netherley, Liverpool, Merseyside, South Lancashire	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	locally frequent Count of Flowering	18/09/2016	Record GUID (from Gilbert 21): ba4436	2	11
SJ44888788	Woodlands Park, Winster Drive, Netherley, Liverpool, Merseyside, Huyton-With-	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		18/09/2016	More information from: irecord.org.uk/record-details?occurrence_id=75	0	2

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SJ44888788	Woodlands Park, Winster Drive, Netherley, Liverpool, Merseyside, South Lancashire	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	local Count of Flowering	18/09/2016	Record GUID (from Gilbert 21): e1bb77	2	11
SJ44888806	Woodlands Park, Winster Drive, Netherley, Liverpool, Merseyside, Huyton-With-Roby	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		18/09/2016	More information from: irecord.org.uk/record-details?occurrence_id=7574841	0	2
SJ44888806	Woodlands Park, Winster Drive, Netherley, Liverpool, Merseyside, South Lancashire	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	locally frequent Count of Flowering	18/09/2016	Record GUID (from Gilbert 21): d0b7f3	2	11
SJ44928804	Woodlands Park, Winster Drive, Netherley, Liverpool, Merseyside, Huyton-With-Roby	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		18/09/2016	More information from: irecord.org.uk/record-details?occurrence_id=7574733	0	2
SJ44928804	Woodlands Park, Winster Drive, Netherley, Liverpool, Merseyside, South Lancashire	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	locally frequent Count of Flowering	18/09/2016	Record GUID (from Gilbert 21): a08939	2	11
SJ44948802	Woodlands Park, Winster Drive, Netherley, Liverpool, Merseyside, Huyton-With-Roby	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		18/09/2016	More information from: irecord.org.uk/record-details?occurrence_id=7574834	0	2
SJ44948802	Woodlands Park, Winster Drive, Netherley, Liverpool, Merseyside, South Lancashire	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	occasional Count of Flowering	18/09/2016	Record GUID (from Gilbert 21): 4eefa1	2	11
SJ44958800	Woodlands Park, Winster Drive, Netherley, Liverpool, Merseyside, South Lancashire	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	locally frequent Count of Flowering	18/09/2016	Record GUID (from Gilbert 21): 77ac6e	2	11
SJ44958800	Woodlands Park, Winster Drive, Netherley, Liverpool, Merseyside, Huyton-With-Roby	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		18/09/2016	More information from: irecord.org.uk/record-details?occurrence_id=7574721	0	2
SJ45028792	Woodlands Park, Winster Drive, Netherley, Liverpool, Merseyside, South Lancashire	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	locally frequent Count of Flowering	18/09/2016	Record GUID (from Gilbert 21): 763ad5	2	11
SJ45028792	Woodlands Park, Winster Drive, Netherley, Liverpool, Merseyside, Huyton-With-Roby	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		18/09/2016	More information from: irecord.org.uk/record-details?occurrence_id=7574817	0	2

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SJ45048790	Woodlands Park, Winstler Drive, Netherley, Liverpool, Merseyside, Huyton-With-Roby	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		18/09/2016	More information from: irecord.org.uk/record-details?occurrence_id=7574681	0	2
SJ45048790	Woodlands Park, Winstler Drive, Netherley, Liverpool, Merseyside, South Lancashire	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	locally frequent Count of Flowering	18/09/2016	Record GUID (from Gilbert 21): 098562	2	11
SJ45058789	Woodlands Park, Winstler Drive, Netherley, Liverpool, Merseyside, South Lancashire	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	locally abundant Count of Flowering	18/09/2016	Record GUID (from Gilbert 21): 9de473	2	11
SJ45058789	Woodlands Park, Winstler Drive, Netherley, Liverpool, Merseyside, Huyton-With-Roby	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		18/09/2016	More information from: irecord.org.uk/record-details?occurrence_id=7574662	0	2
SJ45078787	Woodlands Park, Winstler Drive, Netherley, Liverpool, Merseyside, Huyton-With-Roby	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		18/09/2016	More information from: irecord.org.uk/record-details?occurrence_id=7574667	0	2
SJ45078787	Woodlands Park, Winstler Drive, Netherley, Liverpool, Merseyside, South Lancashire	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	occasional Count of Flowering	18/09/2016	Record GUID (from Gilbert 21): 7aa01b	2	11
SJ45078788	Woodlands Park, Winstler Drive, Netherley, Liverpool, Merseyside, Huyton-With-Roby	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		18/09/2016	More information from: irecord.org.uk/record-details?occurrence_id=7574670	0	2
SJ45078788	Woodlands Park, Winstler Drive, Netherley, Liverpool, Merseyside, South Lancashire	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	locally abundant Count of Flowering	18/09/2016	Record GUID (from Gilbert 21): 73fb28	2	11
SJ45088787	Woodlands Park, Winstler Drive, Netherley, Liverpool, Merseyside, South Lancashire	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	local Count of Flowering	18/09/2016	Record GUID (from Gilbert 21): f82416	2	11
SJ45088787	Woodlands Park, Winstler Drive, Netherley, Liverpool, Merseyside, Huyton-With-Roby	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		18/09/2016	More information from: irecord.org.uk/record-details?occurrence_id=7574671	0	2
SJ452865	Cartbridge Lane	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	1 Count of Frequent	28/10/2016		0	7
SJ452865	Cartbridge Lane	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	1 Count of Frequent	28/10/2016		2	32
SJ453866	Cartbridge Lane	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	1 Count of Frequent	28/10/2016		0	7

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SJ453866	Cartbridge Lane	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	1 Count of Frequent	28/10/2016		2	32
SJ45478669	Halewood, UK	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		18/04/2020	More information from: irecord.org.uk/record- details?occurrence_id=22 173719	2	2
SJ45478721	Netherley Brook, Liverpool	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	Frequent Count of DAFOR	05/02/2017	Dead plants.	2	35
SJ454882	Logwood Mill Brook	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		April 1991		2	5
SJ45528691	Thicket and ditches near Netherley Brook	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	1 Count of Dominant	11/03/2018	Dominant growth.	2	32
SJ45528691	Thicket and ditches near Netherley Brook	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	1 Count of Dominant	11/03/2018		2	7
SJ4555786653	South Lancashire	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	locally Count of Abundant	20/08/2008	Flowering	2	3
SJ45558657	Lightoaks Drive Park, Lightoaks Drive, Halewood, Liverpool, Merseyside, UK	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		13/11/2020	More information from: irecord.org.uk/record- details?occurrence_id=18 533431	0	2
SJ45558657	Lightoaks Drive Park, Lightoaks Drive, Halewood, Liverpool, Merseyside, UK	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		13/11/2020	More information from: irecord.org.uk/record- details?occurrence_id=22 501095	2	2
SJ45558665	South Lancashire	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		20/08/2008	More information from: irecord.org.uk/record- details?occurrence_id=80 88510	0	2
SJ4558486653	South Lancashire	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	locally Count of Frequent	20/08/2008	Flowering	2	3
SJ455865	Lightoaks Drive Park, Lightoaks Drive, Halewood, Liverpool, Merseyside, UK	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	Present Count	13/11/2020	https://www.inaturalist.org /observations/64812744	0	6
SJ455866	CART BRIDGE LANE, HALEWOOD GREEN	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	Present Count	14/08/2012		2	26
SJ455866	"CART BRIDGE LANE, HALEWOOD GREEN"	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	Present Count	14/08/2012		2	22
SJ455866	CART BRIDGE LANE, HALEWOOD GREEN	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	Present Count	19/06/2015		2	26
SJ455866	Cartbridge Lane	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	1 Count of Frequent	28/10/2016		0	7
SJ455866	Cartbridge Lane	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	1 Count of Frequent	28/10/2016		2	32
SJ455871	Netherley Brook	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		May 1989		2	5
SJ45588665	South Lancashire	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		20/08/2008	More information from: irecord.org.uk/record-	0	2

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							details?occurrence_id=8088511		
SJ45598665	Cartbridge Lane, Netherley Brook, Liverpool, Merseyside, South Lancashire	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	locally frequent Count of Flowering	16/07/2016	in ditch Record GUID (from Gilbert 21): e0b94fb6-be71	2	11
SJ45598665	Cartbridge Lane, Netherley Brook, Liverpool, Merseyside, Huyton-With-Roby	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		16/07/2016	More information from: irecord.org.uk/record-details?occurrence_id=7578271	0	2
SJ45618695	Netherley Brook	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	1 Count of Occasional	11/03/2018	Bankside veg.	2	32
SJ45618695	Netherley Brook	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	1 Count of Occasional	11/03/2018		2	7
SJ45638668	Greensbridge Lane, Netherley Brook, Liverpool, Merseyside, South Lancashire	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	locally frequent Count of Flowering	16/07/2016	Record GUID (from Gilbert 21): 66b7e10d-52ed-4c70-a00	2	11
SJ45638668	Greensbridge Lane, Netherley Brook, Liverpool, Merseyside, Huyton-With-Roby	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		16/07/2016	More information from: irecord.org.uk/record-details?occurrence_id=7578270	0	2
SJ45648666	Greensbridge Lane, Tarbock, Liverpool, Merseyside, South Lancashire	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	locally frequent Count of Flowering	30/08/2016	at side of road Record GUID (from Gilbert 21): 0b61	2	11
SJ45648666	Greensbridge Lane, Tarbock, Liverpool, Merseyside, Huyton-With-Roby	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		30/08/2016	More information from: irecord.org.uk/record-details?occurrence_id=7581336	0	2
SJ456865	Greens Bridge Lane	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	1 Count of Frequent	28/10/2016		0	7
SJ456865	Greens Bridge Lane	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	1 Count of Frequent	28/10/2016		2	32
SJ456867	Greens Bridge Lane	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	1 Count of Frequent	28/10/2016		2	32
SJ456867	Greens Bridge Lane	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	1 Count of Frequent	28/10/2016		0	7
SJ456894	Roscoe's Wood, Tarbock, S.Lancs	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		12/05/1987		2	16
SJ45708638	Lightoaks Drive Park, Lightoaks Drive, Halewood, Liverpool, Merseyside, UK	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		13/11/2020	More information from: irecord.org.uk/record-details?occurrence_id=22501128	2	2
SJ45708638	Lightoaks Drive Park, Lightoaks Drive, Halewood, Liverpool, Merseyside, UK	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		13/11/2020	More information from: irecord.org.uk/record-details?occurrence_id=18533475	0	2

SJ457863	Lightoaks Drive Park, Lightoaks Drive, Halewood, Liverpool, Merseyside, UK	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	Present Count	13/11/2020	https://www.inaturalist.org/observations/64815508	0	6
SJ4586	Halewood, UK	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	Present Count	18/04/2020	https://www.inaturalist.org/observations/42505791	0	6
SJ45928667	Green's Bridge Plantation	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	1 Count of Frequent	17/04/2018	Wetter areas	2	32
SJ45928667	Green's Bridge Plantation	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	1 Count of Frequent	17/04/2018		2	7
SJ4597288072	Tarbock Green, UK	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		14/09/2019	https://www.inaturalist.org/observations/32696506	0	12
SJ45978804	Ox Lane area, Tarbock Green, Prescot, Liverpool, Merseyside, UK	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		12/11/2020	More information from: irecord.org.uk/record- details?occurrence_id=22 500697	2	2
SJ45978804	Ox Lane area, Tarbock Green, Prescot, Liverpool, Merseyside, UK	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		12/11/2020	More information from: irecord.org.uk/record- details?occurrence_id=18 533409	0	2
SJ45978818	Ox Lane area, Tarbock Green, Prescot, Liverpool, Merseyside, UK	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		12/11/2020	More information from: irecord.org.uk/record- details?occurrence_id=22 500688	2	2
SJ45978818	Ox Lane area, Tarbock Green, Prescot, Liverpool, Merseyside, UK	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		12/11/2020	More information from: irecord.org.uk/record- details?occurrence_id=18 533404	0	2
SJ459866	Greens Bridge Plantation	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	1 Count of Frequent	28/10/2016	Frequent in along edge of under story. Increasingly sparse towards within woodland.	0	7
SJ459866	Green's Bridge Plantation, Huyton-With-Roby	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	1 Count of Present	28/10/2016		2	7
SJ459866	Greens Bridge Plantation	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	1 Count of Frequent	28/10/2016		2	32
SJ459866	Green's Bridge Plantation, Huyton-With-Roby	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	1 Count of Present	28/10/2016		2	32
SJ459880	Ox Lane area, Tarbock Green, Prescot, Liverpool, Merseyside, UK	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	Present Count	12/11/2020	https://www.inaturalist.org/observations/64785829	0	6
SJ459881	Ox Lane area, Tarbock Green, Prescot, Liverpool, Merseyside, UK	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	Present Count	12/11/2020	https://www.inaturalist.org/observations/64785815	0	6
SJ45988819	Brick Wall Covert, Huyton- With-Roby	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	P Count of seeding	16/05/2013		2	29
SJ45998625	Netherley Brook	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	1 Count of Abundant	17/04/2018		2	32

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SJ45998625	Netherley Brook	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	1 Count of Abundant	17/04/2018		2	7
SJ46008821	Ox Lane area, Tarbock Green, Prescot, Liverpool, Merseyside, UK	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		12/11/2020	More information from: irecord.org.uk/record-details?occurrence_id=18533401	0	2
SJ46008821	Ox Lane area, Tarbock Green, Prescot, Liverpool, Merseyside, UK	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		12/11/2020	More information from: irecord.org.uk/record-details?occurrence_id=22500685	2	2
SJ460866	Tarbock Green, UK	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		18/04/2020	More information from: irecord.org.uk/record-details?occurrence_id=22173730	2	2
SJ460866	Tarbock Green, UK	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	Present Count	18/04/2020	https://www.inaturalist.org/observations/42507188	0	6
SJ460882	Ox Lane area, Tarbock Green, Prescot, Liverpool, Merseyside, UK	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	Present Count	12/11/2020	https://www.inaturalist.org/observations/64785808	0	6
SJ461856	Halewood Caravan Park	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	1 Count of Present	05/09/2012		2	4
SJ461859	Land s of Ditton Brook (former sewage works)	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		14/09/1998		2	5
SJ4627888038	Tarbock Green, UK	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		07/07/2019	https://www.inaturalist.org/observations/28387969	0	12
SJ462863	Greens Bridge Plantation	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	1 Count of Frequent	28/10/2016		0	7
SJ462863	Greens Bridge Plantation	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	1 Count of Frequent	28/10/2016		2	32
SJ463888	PRESCOT BROOK	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	Present Count	02/06/1996		2	26
SJ463888	PRESCOT BROOK	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	Present Count	02/06/1996		2	22
SJ463896	M57/A562 Link Road Ecological Report	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	1 Count of Present	1989		2	31
SJ463896	Windy Arbor Huyton	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		1989		2	5
SJ463896	Windy Arbor Road Huyton	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	C DAFOR	August 1989 - September 1989		2	16
SJ4640788624	Tarbock Green, Prescot L35 1QZ, UK	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		14/09/2019	https://www.inaturalist.org/observations/32699132	0	12
SJ46488924	Dagger's bridge wood west, Huyton-With-Roby	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	1 Count of Abundant	21/03/2017		2	7
SJ46488924	Dagger's bridge wood west, Huyton-With-Roby	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	1 Count of Abundant	21/03/2017		2	32
SJ46498910	Dacres Bridge Lane, Tarbock, Liverpool,	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	occasional Count of Flowering	29/08/2016	Record GUID (from Gilbert 21): ffd9c1c5-	2	11

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SJ46498910	Dacres Bridge Lane, Tarbock, Liverpool, Merseyside, Huyton-With-Roby	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		29/08/2016	More information from: irecord.org.uk/record-details?occurrence_id=7581528	0	2
SJ4656289132	Daggers Bridge Wood, Huyton-With-Roby	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		28/04/2019	https://www.inaturalist.org/observations/24507788	0	12
SJ46568913	Daggers Bridge Wood, Huyton-With-Roby	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	Present Count	19/01/2017		2	35
SJ465879	PTC DITTON BROOK	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	Present Count	26/07/2013		2	26
SJ465890	Target Note 14	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	2 Count of DOMIN	June 2005 - July 2005		2	30
SJ465891	DAGGARS BRIDGE	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	Present Count	14/08/2012		2	26
SJ465891	DAGGARS BRIDGE	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	Present Count	14/08/2012		2	22
SJ465891	DAGGARS BRIDGE	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	Present Count	19/06/2015		2	26
SJ465891	Target Note 13	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	A Count of DAFOR	June 2005 - July 2005		2	30
SJ465893	Woodland (Strettlles Bog) M62 Junction, Tarbock.	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	vc DAFOR	05/09/1987		2	16
SJ465893	Cronton Colliery, Strettlles Bog Woodland	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	LF Count of DAFOR	25/06/2003		2	37
SJ465893	Whiston, Prescot L35 1RB, UK	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	Present Count	29/03/2021	https://www.inaturalist.org/observations/72374399	0	6
SJ465893	Whiston, Prescot L35 1RB, UK	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		29/03/2021	More information from: irecord.org.uk/record-details?occurrence_id=22585751	2	2
SJ465893	Target Note 12	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	LOC-F Count of DAFOR	June 2005 - July 2005		2	30
SJ465895	M62 Link A	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		14/09/2011		2	36
SJ46598907	Dacres Bridge Lane, Tarbock, Liverpool, Merseyside, Huyton-With-Roby	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		29/08/2016	More information from: irecord.org.uk/record-details?occurrence_id=7581653	0	2
SJ46598907	Dacres Bridge Lane, Tarbock, Liverpool, Merseyside, South Lancashire	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	occasional Count of Flowering	29/08/2016	Record GUID (from Gilbert 21): 71534b75-dd67-4636-8f	2	11
SJ46638919	Dagger's bridge wood north, Huyton-With-Roby	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	1 Count of Present	21/03/2017		2	7

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SJ46638919	Dagger's bridge wood north, Huyton-With-Roby	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	1 Count of Present	21/03/2017	Locally abundant.	2	32
SJ46648926	Strettles Bog, Huyton-With-Roby	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	1 Count of Locally Abundant	23/03/2017	Emerging shoots.	2	32
SJ46648926	Strettles Bog, Huyton-With-Roby	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	Locally Count of Abundant	23/03/2017		2	7
SJ466856	DITTON BROOK	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	Present Count	31/05/1994		2	26
SJ466856	DITTON BROOK	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	Present Count	31/05/1994		2	22
SJ466891	Daggers Bridge Wood	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		02/05/1995		2	5
SJ466891	Daggers Bridge Wood	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		05/06/1995		2	5
SJ466891	Daggers Bridge Wood - Cronton	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	LC DAFOR	05/09/1987	Forms a prominent and colourful edge to the banks of the brooks, especially Chapel Brook but tends to thin out under the more shaded Foxes Bank Brook.	2	16
SJ466891	Daggers Bridge Wood	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		05/09/1987		2	5
SJ466891	Daggers Bridge Wood	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		06/10/1998		2	5
SJ466891	Daggers Bridge Wood	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		15/09/1988		2	5
SJ466891	M57/A562 Link Road Ecological Report	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	1 Count of Present	1989		2	31
SJ466891	Daggers Bridge Wood	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		1989		2	5
SJ466891	Daggers Bridge Wood - Cronton	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	VC DAFOR	2008		2	16
SJ466891	Dagger's Bridge Wood	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		29/04/2005		2	5
SJ466891	Daggers Bridge Wood	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		August 1990		2	5
SJ466893	Strettles Bog Tarbock	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		14/06/2002		2	5
SJ466893	Strettles Bog Tarbock	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		16/05/2002		2	5
SJ466893	M57/A562 Link Road Ecological Report	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	1 Count of Present	1987		2	31
SJ466893	Strettles Bog Tarbock	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		1987		2	5
SJ466893	Strettles Bog Tarbock	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		1989		2	5
SJ466893	Strettles Bog Tarbock	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		20/09/1998		2	5
SJ466893	Strettles Bog	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		29/04/2005		2	5

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SJ46748899	Dacres Bridge Lane, Tarbock, Liverpool, Merseyside, Huyton-With-Roby	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		29/08/2016	More information from: irecord.org.uk/record-details?occurrence_id=7581426	0	2
SJ46748899	Dacres Bridge Lane, Tarbock, Liverpool, Merseyside, South Lancashire	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	occasional Count of Flowering	29/08/2016	Record GUID (from Gilbert 21): 27364a30-f1ad-4dd8-9d	2	11
SJ46858907	Dagger's bridge wood grassland, Huyton-With-Roby	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	1 Count of Abundant	21/03/2017		2	32
SJ46858907	Dagger's bridge wood grassland, Huyton-With-Roby	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	1 Count of Abundant	21/03/2017		2	7
SJ470891	Mine Waste Cronton, Area 3 Fenced	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	Abundant Count of DAFOR	14/04/2016		0	17
SJ470892	Cronton Colliery Lagoons	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		March 2003 - July 2003		2	5
SJ471891	Mine Waste Cronton	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	Frequent Count of DAFOR	11/06/2016		0	17
SJ471891	Cronton Colliery, A5080 WA8 5QN, South Lancashire	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	Present Count	11/06/2016	"Weather: 17degC. Mostly cloudy, scattered sho	0	38
SJ471891	Mine Waste Cronton, Area 2	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	Occasional Count of DAFOR	14/04/2016		0	17
SJ471891	Mine Waste Cronton, Area 1	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	Abundant Count of DAFOR	14/04/2016		0	17
SJ471891	Mine Waste, Cronton	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		16/07/2008		2	13
SJ471891	Mine Waste Cronton	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		1989		2	5
SJ471891	Mine Waste Cronton	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		29/09/2000		2	5
SJ473889	Foxs Bank Brook	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		06/10/1998		2	5
SJ473891	Cronton Colliery Lagoon	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		14/06/2002		2	5
SJ473891	Cronton Colliery Lagoon	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		16/05/2002		2	5
SJ476878	Dog Clog Brook, Stockwell Road	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	1 Count	07/09/2006	scattered	2	16
SJ476889	Frontal Cronton Colliery, Cronton	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	1 Count	August 2007		2	5
SJ4769087878	Widnes	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	1 Count of Rare	20/08/2008	Flowering	2	3
SJ47698787	Widnes	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		20/08/2008	More information from: irecord.org.uk/record-details?occurrence_id=8088508	0	2

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SJ4777787870	Widnes	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	locally Count of Frequent	20/08/2008	Flowering	2	3
SJ477778787	Widnes	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		20/08/2008	More information from: irecord.org.uk/record- details?occurrence_id=80 88509	0	2
SJ4789	Cronton Colliery, South Central woodland	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	LF Count of DAFOR	25/06/2003		2	37
SJ4789	Cronton Colliery, disturbed ground near the site entrance	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	O Count of DAFOR	25/06/2003		2	37
SJ47998791	Alder Lane, Widnes, South Lancashire	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	occasional Count of Flowering	16/07/2016	Record GUID (from Gilbert 21): 8086ae2d-d147	0	11
SJ47998791	Alder Lane, Widnes, Widnes	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant		16/07/2016	More information from: irecord.org.uk/record- details?occurrence_id=75 78265	0	2
SJ468888	Dacres bridge lane/cronton, South Lancashire	Jacob's-ladder	<i>Polemonium caeruleum</i>	flowering plant	Present Count	28/08/2011		2	39
SJ45068835	B5178, Netherley Road, Tarbock, Liverpool, Merseyside, South Lancashire	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	local Count	22/10/2014	at side of road	2	11
SJ45178658	Cartbridge Lane, Huyton-With-Roby	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	F Count of DAFOR	14/09/2012	along boundary	2	29
SJ452864	Court Farm, Halewood, Liverpool	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	locally Count of Frequent	10/07/1996	mature	2	3
SJ452864	Court Farm, Halewood, Liverpool	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	locally Count of Frequent	23/07/1998	mature	2	3
SJ45288827	B5178, Netherley Road, Tarbock, Liverpool, Merseyside, South Lancashire	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	local Count	22/10/2014	at side of road	2	11
SJ456894	Priory Farm site	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant		11/07/2000		2	5
SJ456894	Roscoe's Wood, Tarbock, S.Lancs	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant		12/05/1987		2	16
SJ457894	Bass Site Huyton	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant		July 1999		2	5
SJ45938936	Land at Cronton road	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	1 Count of Present	29/08/2008	Treated.	2	13
SJ459881	Ochre Brook, Tarbock Hall Farm	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant		06/09/2006	Present on the brook banks adjacent to the bridge over the brook.	2	16
SJ46058938	Land at Cronton road	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	1 Count of Present	29/08/2008	Treatment unsuccessful.	2	13

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SJ46098931	Land at Cronton road	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	1 Count of Present	29/08/2008		2	13
SJ463896	Windy Arbor Huyton	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant		02/06/1998		2	5
SJ463896	Windy Arbor Huyton	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant		1989		2	5
SJ463896	M57/A562 Link Road Ecological Report	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	1 Count of Present	1989		2	31
SJ463896	Windy Arbor Road Huyton	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	O/LC DAFOR	August 1989 - September 1989		2	16
SJ4641288625	Tarbock Green, Prescott L35 1QZ, UK	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant		14/09/2019	https://www.inaturalist.org/observations/32699221	0	12
SJ46498910	Dacres Bridge Lane, Tarbock, Liverpool, Merseyside, Huyton-With-Roby	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant		29/08/2016	More information from: irecord.org.uk/record-details?occurrence_id=7581527	2	2
SJ46498910	Dacres Bridge Lane, Tarbock, Liverpool, Merseyside, South Lancashire	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	local Count	29/08/2016	Record GUID (from Gilbert 21): 35bb28fa-1f7e-4868-89	2	11
SJ47168776		Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	Present Count	07/05/2014		2	32
SJ47168776	Not Supplied	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant		07/05/2014	More information from: irecord.org.uk/record-details?occurrence_id=918165	0	2
SJ471877		Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	Present Count	07/05/2014		2	22
SJ471891	Cronton Colliery, A5080 WA8 5QN, South Lancashire	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	Present Count	11/06/2016	"Weather: 17degC. Mostly cloudy, scattered sho	0	38
SJ471891	Mine Waste Cronton	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant		1989		2	5
SJ476889	Frontal Cronton Colliery, Cronton	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	1 Count	August 2007		2	5
SJ4785	Cronton	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant		07/08/1981		2	16
SJ4788	cronton	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	1 Count	13/08/1981		2	16
SJ4789	Cronton Colliery, regraded spoil heap	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	R Count of DAFOR	25/06/2003		2	37
SJ4789	Cronton Colliery	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	1 Count of Present	August 2008		2	9
SJ48038791	Alder Lane, Widnes, Widnes	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant		29/04/2019	More information from: irecord.org.uk/record-details?occurrence_id=12749541	0	2

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SJ48038791	Alder Lane, Widnes, Widnes	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant		29/04/2019	More information from: irecord.org.uk/record- details?occurrence_id=18 507602	0	2
SJ48038791	Alder Lane, Widnes, South Lancashire	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	local Count	29/04/2019	Record GUID (from Gilber	0	11
SJ48068793	Alder Lane, Widnes, Widnes	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant		16/07/2016	More information from: irecord.org.uk/record- details?occurrence_id=75 78264	2	2
SJ48068793	Alder Lane, Widnes, South Lancashire	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	locally frequent Count	16/07/2016	Record GUID (from Gilbert 21): 9bf57917- 5c12	0	11
SJ4888	South Lancashire	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	1 Count of Present	04/07/2009		2	3
SJ45848791	Ox Lane area, Tarbock Green, Prescott, Liverpool, Merseyside, UK	Japanese Rose	<i>Rosa rugosa</i>	flowering plant		12/11/2020	More information from: irecord.org.uk/record- details?occurrence_id=18 533347	0	2
SJ45848791	Ox Lane area, Tarbock Green, Prescott, Liverpool, Merseyside, UK	Japanese Rose	<i>Rosa rugosa</i>	flowering plant		12/11/2020	More information from: irecord.org.uk/record- details?occurrence_id=22 500433	2	2
SJ458879	Ox Lane area, Tarbock Green, Prescott, Liverpool, Merseyside, UK	Japanese Rose	<i>Rosa rugosa</i>	flowering plant	Present Count	12/11/2020	https://www.inaturalist.org/ observations/64747094	0	6
SJ461856	Halewood Caravan Park	Japanese Rose	<i>Rosa rugosa</i>	flowering plant	1 Count of Present	05/09/2012		2	4
SJ460867	Tarbock Pond	Large-flowered Hemp-nettle	<i>Galeopsis speciosa</i>	flowering plant	F DAFOR	14/09/1987		2	16
SJ460867	Greenbridge Wood, Tarbock, South Lancashire	Marsh Stitchwort	<i>Stellaria palustris</i>	flowering plant		14/09/1987		2	16
SJ467860	Pond s of Railway	Marsh Stitchwort	<i>Stellaria palustris</i>	flowering plant		1987		2	5
SJ461856	Halewood Caravan Park	Montbretia	<i>Crocsmia pottsii x aurea = C. x crocosmiiflora</i>	flowering plant	1 Count of Present	05/09/2012		2	4
SJ447881	NETHERLEY WOODS AND BROOK	Rhododendron ponticum	<i>Rhododendron ponticum</i>	flowering plant		07/06/2006		2	33
SJ44968617	St Nicholas Churchyard, Church Road, Halewood, Liverpool, Merseyside, South Lancashire	Rhododendron ponticum	<i>Rhododendron ponticum</i>	flowering plant	local Count	23/02/2016	Record GUID (from Gilbert 21): 23e811a9- 3bbe-4c7b-86	2	11
SJ44968617	St Nicholas Churchyard, Church Road, Halewood, Liverpool, Merseyside, Huyton-With-Roby	Rhododendron ponticum	<i>Rhododendron ponticum</i>	flowering plant		23/02/2016	More information from: irecord.org.uk/record- details?occurrence_id=75 71602	0	2

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SJ44998621	St Nicholas Churchyard, Church Road, Halewood, Liverpool, Merseyside, Huyton-With-Roby	Rhododendron ponticum	<i>Rhododendron ponticum</i>	flowering plant		23/02/2016	More information from: irecord.org.uk/record- details?occurrence_id=75 71591	0	2
SJ44998621	St Nicholas Churchyard, Church Road, Halewood, Liverpool, Merseyside, South Lancashire	Rhododendron ponticum	<i>Rhododendron ponticum</i>	flowering plant	local Count	23/02/2016	Record GUID (from Gilbert 21): 55917151- 8cbc-41b2-8d	2	11
SJ45008613	St Nicholas Churchyard, Church Road, Halewood, Liverpool, Merseyside, Huyton-With-Roby	Rhododendron ponticum	<i>Rhododendron ponticum</i>	flowering plant		23/02/2016	More information from: irecord.org.uk/record- details?occurrence_id=75 71686	0	2
SJ45008613	St Nicholas Churchyard, Church Road, Halewood, Liverpool, Merseyside, South Lancashire	Rhododendron ponticum	<i>Rhododendron ponticum</i>	flowering plant	local Count	23/02/2016	Record GUID (from Gilbert 21): 8352b53a- 90a3-4dbf-9b	2	11
SJ45188667	Cartbridge Lane Wood, Halewood	Rhododendron ponticum	<i>Rhododendron ponticum</i>	flowering plant	1 Count of Occasional	11/03/2018		2	7
SJ45188667	Cartbridge Lane Wood, Halewood	Rhododendron ponticum	<i>Rhododendron ponticum</i>	flowering plant	1 Count of Occasional	11/03/2018	Confined to the south of the woodland.	2	32
SJ45198662	Cartbridge Lane Woods, Huyton-With-Roby	Rhododendron ponticum	<i>Rhododendron ponticum</i>	flowering plant	O Count of DAFOR	14/09/2012		2	29
SJ452866	Halewood	Rhododendron ponticum	<i>Rhododendron ponticum</i>	flowering plant		02/09/1987		2	16
SJ452866	Bridgefield wood, Halewood	Rhododendron ponticum	<i>Rhododendron ponticum</i>	flowering plant	L DAFOR	02/09/1987		2	16
SJ452866	Brigefield wood, Halwood	Rhododendron ponticum	<i>Rhododendron ponticum</i>	flowering plant	1 Count	02/09/1987		2	16
SJ452866	Bridgefield Wood, Halewood.	Rhododendron ponticum	<i>Rhododendron ponticum</i>	flowering plant	I DAFOR	02/09/1987		2	16
SJ452866	Wood nw of Cartbridge Lane	Rhododendron ponticum	<i>Rhododendron ponticum</i>	flowering plant		1987		2	5
SJ452866	Cartbridge Wood	Rhododendron ponticum	<i>Rhododendron ponticum</i>	flowering plant		29/04/2005		2	5
SJ4587	Netherly brook	Rhododendron ponticum	<i>Rhododendron ponticum</i>	flowering plant	Present Count	28/04/2015	Field observation	2	17
SJ461877	Brickwall Covert	Rhododendron ponticum	<i>Rhododendron ponticum</i>	flowering plant		1981		2	5
SJ461877	Brickwall Covert	Rhododendron ponticum	<i>Rhododendron ponticum</i>	flowering plant		1987		2	5
SJ462878	Brick Wall Covert	Rhododendron ponticum	<i>Rhododendron ponticum</i>	flowering plant		2008		2	16
SJ463879	The Coppice, Tarbock	Rhododendron ponticum	<i>Rhododendron ponticum</i>	flowering plant		14/09/1987		2	16
SJ463879	The Coppice	Rhododendron ponticum	<i>Rhododendron ponticum</i>	flowering plant		2008	dominant	2	16
SJ464879	The Coppice	Rhododendron ponticum	<i>Rhododendron ponticum</i>	flowering plant		1981		2	5
SJ464879	The Coppice	Rhododendron ponticum	<i>Rhododendron ponticum</i>	flowering plant		1987		2	5
SJ46868949	The Old Wood, Prescott	Rhododendron ponticum	<i>Rhododendron ponticum</i>	flowering plant	Frequent Count of	20/06/2012		2	29

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SJ468894	The Old Wood south	Rhododendron ponticum	<i>Rhododendron ponticum</i>	flowering plant		1981		2	5
SJ468894	The Old Wood south	Rhododendron ponticum	<i>Rhododendron ponticum</i>	flowering plant		1989		2	5
SJ468894	Cronton Colliery, Old Wood	Rhododendron ponticum	<i>Rhododendron ponticum</i>	flowering plant	LF Count of DAFOR	25/06/2003		2	37
SJ468894	Target Note 10	Rhododendron ponticum	<i>Rhododendron ponticum</i>	flowering plant	O Count of DAFOR	June 2005 - July 2005		2	30
SJ468895	Halsnead, Whiston - Old Wood	Rhododendron ponticum	<i>Rhododendron ponticum</i>	flowering plant		1968		2	16
SJ468895	Woodland, Halsnead Park, Whiston (south of Big Water)	Rhododendron ponticum	<i>Rhododendron ponticum</i>	flowering plant		1968	dominant	2	16
SJ468895	Halsnead Park, The Old Wood (south)	Rhododendron ponticum	<i>Rhododendron ponticum</i>	flowering plant	O DAFOR	2008		2	16
SJ4689	Halsnead Park, Whiston	Rhododendron ponticum	<i>Rhododendron ponticum</i>	flowering plant		07/10/1993		2	16
SJ470888	Cronton Quarry, Knowsley.	Rhododendron ponticum	<i>Rhododendron ponticum</i>	flowering plant	1 Count	02/09/1986	Ponds:: a.	2	5
SJ471886	Wood with ponds s of Cronton Road	Rhododendron ponticum	<i>Rhododendron ponticum</i>	flowering plant		05/07/2002		2	5
SJ471886	Wood with ponds s of Cronton Road	Rhododendron ponticum	<i>Rhododendron ponticum</i>	flowering plant		1981		2	5
SJ471886	Wood with ponds s of Cronton Road	Rhododendron ponticum	<i>Rhododendron ponticum</i>	flowering plant		21/05/2002		2	5
SJ472887	Ponds	Rhododendron ponticum	<i>Rhododendron ponticum</i>	flowering plant		1997		2	16
SJ4788	cronton	Rhododendron ponticum	<i>Rhododendron ponticum</i>	flowering plant	1 Count	13/08/1981		2	16
SJ460864	Greens Bridge Plantation	Stinking Chamomile	<i>Anthemis cotula</i>	flowering plant		1987		0	5
SJ451863	Court Farm Woods Park	Three-cornered Garlic	<i>Allium triquetrum</i>	flowering plant	Present Count	08/05/2020	https://www.inaturalist.org/observations/45308192	0	6
SJ451863	Court Farm Woods Park	Three-cornered Garlic	<i>Allium triquetrum</i>	flowering plant		08/05/2020	More information from: irecord.org.uk/record-details?occurrence_id=22226234	2	2
SJ470890	Pond s of Cronton Colliery	Water-soldier	<i>Stratiotes aloides</i>	flowering plant		06/10/1998		2	5
SJ471891	Mine Waste Cronton	Water-soldier	<i>Stratiotes aloides</i>	flowering plant		1989		2	5
SJ471891	Mine Waste Cronton	Water-soldier	<i>Stratiotes aloides</i>	flowering plant		20/09/1998		2	5
SJ466893	Strettles Bog Tarbock	Welsh Poppy	<i>Meconopsis cambrica</i>	flowering plant		14/06/2002		2	5
SJ452866	Brigefield wood, Halwood	Wood Bitter-vetch	<i>Vicia orobus</i>	flowering plant	1 Count	02/09/1987		2	16
SJ4488	Liverpool 27: Childwall Golf Course, Merseyside, South Lancashire	Brown Birch Bolete	<i>Leccinum scabrum</i>	fungus	100 Count	11/08/2017		2	44

SJ4489	Liverpool 27: Childwall Golf Course	Brown Birch Bolete	<i>Leccinum scabrum</i>	fungus	6 Count	01/10/2012	unusually uncommon this year, probably due to increased mowing.	2	43
SJ4489	Liverpool 27: Childwall Golf Course Merseyside, South Lancashire	Brown Birch Bolete	<i>Leccinum scabrum</i>	fungus	4 Count of Fruiting	07/09/2015	parkland with trees	2	40
SJ4489	Liverpool 27: Childwall Golf Course	Brown Birch Bolete	<i>Leccinum scabrum</i>	fungus	1 Count of Present	09/08/2010		2	45
SJ4489	Liverpool 27: Childwall Golf Course Merseyside, South Lancashire	Brown Birch Bolete	<i>Leccinum scabrum</i>	fungus	40 Count of Fruiting	12/10/2015	parkland	2	40
SJ4489	Liverpool 27: Childwall Golf Course, South Lancashire	Brown Birch Bolete	<i>Leccinum scabrum</i>	fungus	100 Count	19/09/2011	very common throughout	2	42
SJ4489	Liverpool 27: Childwall Golf Course, South Lancashire	Brown Birch Bolete	<i>Leccinum scabrum</i>	fungus		27/04/2014	at least one month earlier than any previous record; soil	2	41
SJ4489	Liverpool 27: Childwall Golf Course, South Lancashire	Brown Birch Bolete	<i>Leccinum scabrum</i>	fungus		27/08/2014	all parts of the site; soil	2	41
SJ4489	Liverpool 27: Childwall Golf Course	Slate Bolete	<i>Leccinum duriusculum</i>	fungus	6 Count	09/07/2019	under Aspen at various sites. Fruiting later this year.	0	46
SJ4489	Liverpool 27: Childwall Golf Course	Slate Bolete	<i>Leccinum duriusculum</i>	fungus	1 Count of Present	09/08/2010	under Aspen	2	45
SJ4489	Liverpool 27: Childwall Golf Course, South Lancashire	Slate Bolete	<i>Leccinum duriusculum</i>	fungus	6 Count	10/10/2018	under Aspen at various sites. Fruiting later this year.	0	48
SJ4489	Liverpool 27: Childwall Golf Course Merseyside, South Lancashire	Slate Bolete	<i>Leccinum duriusculum</i>	fungus	12 Count of Fruiting	12/08/2015	parkland	2	40
SJ4489	Liverpool 27: Childwall Golf Course	Slate Bolete	<i>Leccinum duriusculum</i>	fungus	1 Count	22/08/2012	under Aspen	2	43
SJ4489	Liverpool 27: Childwall Golf Course, South Lancashire	Slate Bolete	<i>Leccinum duriusculum</i>	fungus		23/07/2014	under Aspen. Very large fruiting bodies to 25cms at a new site.; soil	2	41
SJ4489	Liverpool 27: Childwall Golf Course, South Lancashire	Slate Bolete	<i>Leccinum duriusculum</i>	fungus	30 Count	23/08/2013	Association: Populus tremula; Substrate: soil; under Aspen at various sites. Fruiting later this year.	2	47
SJ4489	Liverpool 27: Childwall Golf Course, South Lancashire	Slate Bolete	<i>Leccinum duriusculum</i>	fungus	1 Count	27/06/2011	CHKPQ throughout 100+	2	42
SJ448891	Liverpool L36, UK	Alder Leaf Beetle	<i>Agelastica alni</i>	insect - beetle (Coleoptera)		02/05/2020	More information from: irecord.org.uk/record-details?occurrence_id=22212777	0	2

SJ448891	Liverpool L36, UK	Alder Leaf Beetle	<i>Agelastica alni</i>	insect - beetle (Coleoptera)	Present Count	02/05/2020	New Pale Wood https://www.inaturalist.org/observations/44568668	0	6
SJ44908900	New Pale Wood, Whitefield Lane Tarbock Green, Liverpool, Merseyside, UK	Alder Leaf Beetle	<i>Agelastica alni</i>	insect - beetle (Coleoptera)		22/04/2021	More information from: irecord.org.uk/record-details?occurrence_id=22618090	2	2
SJ44928899	New Pale Wood, Huyton, Knowsley, UK	Alder Leaf Beetle	<i>Agelastica alni</i>	insect - beetle (Coleoptera)		17/04/2021	More information from: irecord.org.uk/record-details?occurrence_id=22611113	2	2
SJ449889	New Pale Wood, Huyton, Knowsley, UK	Alder Leaf Beetle	<i>Agelastica alni</i>	insect - beetle (Coleoptera)	Present Count	17/04/2021	https://www.inaturalist.org/observations/74270036	0	6
SJ449890	New Pale Wood, Whitefield Lane Tarbock Green, Liverpool, Merseyside, UK	Alder Leaf Beetle	<i>Agelastica alni</i>	insect - beetle (Coleoptera)	Present Count	22/04/2021	on Common Alder https://www.inaturalist.org/observations/74914392	0	6
SJ45008898	New Pale Wood, Huyton, Knowsley, UK	Alder Leaf Beetle	<i>Agelastica alni</i>	insect - beetle (Coleoptera)		17/04/2021	More information from: irecord.org.uk/record-details?occurrence_id=22611110	2	2
SJ45018897	New Pale Wood, Whitefield Lane Tarbock Green, Liverpool, Merseyside, UK	Alder Leaf Beetle	<i>Agelastica alni</i>	insect - beetle (Coleoptera)		22/04/2021	More information from: irecord.org.uk/record-details?occurrence_id=22618077	2	2
SJ450889	New Pale Wood, Huyton, Knowsley, UK	Alder Leaf Beetle	<i>Agelastica alni</i>	insect - beetle (Coleoptera)	Present Count	17/04/2021	https://www.inaturalist.org/observations/74270026	0	6
SJ450889	New Pale Wood, Whitefield Lane Tarbock Green, Liverpool, Merseyside, UK	Alder Leaf Beetle	<i>Agelastica alni</i>	insect - beetle (Coleoptera)	Present Count	22/04/2021	on Common Alder https://www.inaturalist.org/observations/74914355	0	6
SJ45168894	New Pale Wood, Whitefield Lane Tarbock Green, Liverpool, Merseyside, UK	Alder Leaf Beetle	<i>Agelastica alni</i>	insect - beetle (Coleoptera)		22/04/2021	More information from: irecord.org.uk/record-details?occurrence_id=22617914	2	2
SJ451889	New Pale Wood, Whitefield Lane Tarbock Green, Liverpool, Merseyside, UK	Alder Leaf Beetle	<i>Agelastica alni</i>	insect - beetle (Coleoptera)	Present Count	22/04/2021	https://www.inaturalist.org/observations/74877711	0	6
SJ4529786328	Court Farm Woods, Knowsley	Alder Leaf Beetle	<i>Agelastica alni</i>	insect - beetle (Coleoptera)		29/04/2019	https://www.inaturalist.org/observations/23888146	0	12
SJ45338638	Court Farm Wood, Halewood, Liverpool, Merseyside, Huyton-With-Roby	Alder Leaf Beetle	<i>Agelastica alni</i>	insect - beetle (Coleoptera)		22/05/2018	More information from: irecord.org.uk/record-details?occurrence_id=7713702	2	2
SJ45338638	Court Farm Wood, Halewood, Liverpool, Merseyside, South	Alder Leaf Beetle	<i>Agelastica alni</i>	insect - beetle (Coleoptera)	6 Count of Adult	22/05/2018	"on Alder, one pair in cop Record GUID (fr	0	8

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	Lancashire								
SJ4586	Court Farm Woods, Knowsley	Alder Leaf Beetle	<i>Agelastica alni</i>	insect - beetle (Coleoptera)		29/04/2019	More information from: irecord.org.uk/record-details?occurrence_id=22044748	0	2
SJ46058864	Ox Lane Wood, Huyton-With-Roby	Alder Leaf Beetle	<i>Agelastica alni</i>	insect - beetle (Coleoptera)	P Count of Adult	16/05/2013	Very abundant over Alder, grass and almost all surrounding vegetation. 100's if not 1000's	2	29
SJ460886	Ox Lane Wood, Huyton-With-Roby	Alder Leaf Beetle	<i>Agelastica alni</i>	insect - beetle (Coleoptera)	Present Count	16/05/2013	100's	2	29
SJ460886	Ox Lane Wood, South Lancashire	Alder Leaf Beetle	<i>Agelastica alni</i>	insect - beetle (Coleoptera)	Present Count	17/05/2013	Grid reference refers to site centroid. </RecordCom	2	28
SJ46308873	tarbock old hall merseyside	Alder Leaf Beetle	<i>Agelastica alni</i>	insect - beetle (Coleoptera)		09/07/2020	More information from: irecord.org.uk/record-details?occurrence_id=15226118	2	2
SJ463887	Tarbock Green, UK	Alder Leaf Beetle	<i>Agelastica alni</i>	insect - beetle (Coleoptera)	Present Count	09/05/2020	https://www.inaturalist.org/observations/46890816	0	6
SJ46468916	Dacres Bridge Lane, Tarbock, Liverpool, Merseyside, Huyton-With-Roby	Alder Leaf Beetle	<i>Agelastica alni</i>	insect - beetle (Coleoptera)		29/08/2016	More information from: irecord.org.uk/record-details?occurrence_id=7581437	2	2
SJ46468916	Dacres Bridge Lane, Tarbock, Liverpool, Merseyside, South Lancashire	Alder Leaf Beetle	<i>Agelastica alni</i>	insect - beetle (Coleoptera)	20 Count of Adult	29/08/2016	on Alder leaves Record GUID (from Gilbert 21): 59731	0	11
SJ46488912	Dacres Bridge Lane, Tarbock, Liverpool, Merseyside, Huyton-With-Roby	Alder Leaf Beetle	<i>Agelastica alni</i>	insect - beetle (Coleoptera)		29/08/2016	More information from: irecord.org.uk/record-details?occurrence_id=7581667	2	2
SJ46488912	Dacres Bridge Lane, Tarbock, Liverpool, Merseyside, South Lancashire	Alder Leaf Beetle	<i>Agelastica alni</i>	insect - beetle (Coleoptera)	occasional Count of Larvae	29/08/2016	"on Alder leaves, frequent larval feeding evidence R	0	11
SJ46498912	Dacres Bridge Lane, Tarbock, Liverpool, Merseyside, Huyton-With-Roby	Alder Leaf Beetle	<i>Agelastica alni</i>	insect - beetle (Coleoptera)		29/08/2016	More information from: irecord.org.uk/record-details?occurrence_id=7581666	2	2
SJ46498912	Dacres Bridge Lane, Tarbock, Liverpool, Merseyside, South Lancashire	Alder Leaf Beetle	<i>Agelastica alni</i>	insect - beetle (Coleoptera)	5 Count of Larvae	29/08/2016	"on Grey Alder leaves, frequent larval feeding evide	0	11

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SJ471891	Cronton Colliery, A5080 WA8 5QN, South Lancashire	Alder Leaf Beetle	<i>Agelastica alni</i>	insect - beetle (Coleoptera)	Present Count of Adult	11/06/2016	"Weather: 17degC. Mostly cloudy, scattered sho	0	38
SJ471891	Mine Waste Cronton	Alder Leaf Beetle	<i>Agelastica alni</i>	insect - beetle (Coleoptera)	Present Count of DAFOR	14/04/2016		0	17
SJ451860	Church Road, Halewood, Liverpool	Anitys rubens	<i>Anitys rubens</i>	insect - beetle (Coleoptera)		12/03/1989	Many larvae, no live adults seen	2	49
SJ451860	Little Wood, Stockbridge Village	Phloiortya vaudoueri	<i>Phloiortya vaudoueri</i>	insect - beetle (Coleoptera)	1 Count	19/03/1989	1 elytron of this distinctive species was noted under loose dead bark of oak	2	49
SJ4586	Netherley Brook/Bridgefield Wood, Tarbock	Wall	<i>Lasiommata megera</i>	insect - butterfly	1 Count	01/05/1994		2	50
SJ4586	Netherley Brook/Bridgefield Wood, Tarbock	Wall	<i>Lasiommata megera</i>	insect - butterfly	2 to 9 Count	01/06/1994		2	50
SJ4586	Netherley Brook/Bridgefield Wood, Tarbock	Wall	<i>Lasiommata megera</i>	insect - butterfly	10 to 29 Count	01/08/1994		2	50
SJ447888	Netherleigh, Liverpool - adjoining golf course and filtration plant	White-letter Hairstreak	<i>Satyrrium w-album</i>	insect - butterfly	1 Count	19/07/2010		2	50
SJ447888	Netherley, L'pool	White-letter Hairstreak	<i>Satyrrium w-album</i>	insect - butterfly	1 Count	20/07/2012		2	50
SJ4588	Tarbock Hall Farm	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	Present Count	11/06/2011		2	51
SJ4588	Tarbock Hall Farm	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	11 Count of Total; Present Count of Copulating Pair	11/06/2011		2	52
SJ4588	Tarbock Hall Farm	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	Present Count	11/06/2011		0	22
SJ4588	Tarbock Hall Farm	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	Present Count	19/05/2011		2	51
SJ4588	Tarbock Hall Farm	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	1 Count of Total	19/05/2011		2	52
SJ4588	Tarbock Hall Farm	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	Present Count	19/05/2011		0	22
SJ461884	M57/A562 Link Road, Knowsley	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	1 Count	29/04/1991-17/05/1991	none	2	5
SJ461884	Pool 14 (DEEB)	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	1 Count of Present	June 1991		2	5
SJ462868	Nr.Elliots Farm, Hale.	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	Present Count	29/06/2010		2	51
SJ462868	Near Elliots Farm, Hale.	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	25 Count of Total	29/06/2010		2	52
SJ462868	Green's Bridge Farm Pond, Greensbridge Lane,	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	1 Count of Present	29/06/2010	Adult	2	3

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	Halewood, Merseyside								
SJ462868	No location name	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	Present Count	29/06/2010		2	51
SJ466866	M57/A562 Link Road, Knowsley	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	1 Count	29/04/1991-17/05/1991	none	2	5
SJ466866	Pool 28A (DEEB)	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	1 Count of Present	June 1991		2	5
SJ467861	M57/A562 Link Road, Knowsley	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	1 Count	29/04/1991-17/05/1991	none	2	5
SJ467861	Pool 26 (DEEB)	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	1 Count of Present	June 1991		2	5
SJ4685	Ditton Brook, Halewood	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	Present Count	19/05/2011		0	22
SJ4685	Ditton Brook, Halewood	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	Present Count	19/05/2011		2	51
SJ4685	Ditton Brook, Halewood	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	present Count	19/05/2011		2	52
SJ4686		Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	Present Count	29/06/2010		0	22
SJ4688	Tarbock Hall Farm	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	Present Count	23/06/2009		0	22
SJ4688	Tarbock Hall Farm	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	Present Count	23/06/2009		2	51
SJ4688	Tarbock Hall Farm	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	10 Count of Total; Several Present Count of Copulating Pair	23/06/2009		2	52
SJ4688	Tarbock Hall Farm	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	Present Count	23/06/2009		2	51
SJ468860	M57/A562 Link Road, Knowsley	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	1 Count	29/04/1991-17/05/1991	none	2	5
SJ468860	Pool 7 (DEEB)	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	1 Count of Present	June 1991		2	5
SJ4689	Tarbock Hall Farm	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	Present Count	11/06/2011		2	51
SJ4689	Tarbock Hall Farm	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	Present Count	11/06/2011		2	51
SJ4689	Tarbock Hall Farm	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	8 Count of Total; Present Count of Copulating Pair	11/06/2011		2	52
SJ4689	Tarbock Hall Farm	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	Present Count	11/06/2011		0	22
SJ471858	M57/A562 Link Road, Knowsley	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	1 Count	29/04/1991-17/05/1991	none	2	5

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SJ471858	Pool 24 (DEEB)	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	1 Count of Present	June 1991		2	5
SJ475871	M57/A562 Link Road, Knowsley	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	1 Count	29/04/1991-17/05/1991	none	2	5
SJ475871	Pool 18 (DEEB)	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	1 Count of Present	June 1991		2	5
SJ4785	Tray Ashes Lane, Halewood	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	Present Count	19/06/2011		2	51
SJ4785	Tray Ashes Lane, Halewood	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	30 Count of Total	19/06/2011		2	52
SJ4785	Tray Ashes Lane, Halewood	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	Present Count	19/06/2011		0	22
SJ4785	Ditton Brook, Halewood	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	present Count	24/06/2009		2	52
SJ4785	Ditton Brook, Halewood	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	Present Count	24/06/2009		0	22
SJ4785	Ditton Brook, Halewood	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	Present Count	24/06/2009		2	51
SJ4788	Cronton Clay Quarry	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	Present Count	16/06/2010		0	22
SJ4788	Cronton Clay Quarry	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	Present Count	16/06/2010		2	51
SJ4788	Cronton Clay Quarry	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	20 Count of Total	16/06/2010		2	52
SJ48T	DEEB	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	present Count	01/06/1991		2	52
SJ48U	DEEB	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	present Count	01/06/1991		2	52
SJ48U	Halsnead Park, Whiston	Azure Damselfly	<i>Coenagrion puella</i>	insect - dragonfly (Odonata)	present Count	1989		2	52
SJ452879	Millbridge Farm/Netherley Rd, Tarbock Green, Prescot L35 1RF, UK	Banded Demoiselle	<i>Calopteryx splendens</i>	insect - dragonfly (Odonata)	Present Count	31/05/2020	https://www.inaturalist.org/observations/47956352	0	6
SJ4685	Ditton Brook, Halewood, Brook House Farm	Banded Demoiselle	<i>Calopteryx splendens</i>	insect - dragonfly (Odonata)		18/06/2017	More information from: irecord.org.uk/record-details?occurrence_id=6601742	0	2
SJ4685	Ditton Brook, Halewood	Banded Demoiselle	<i>Calopteryx splendens</i>	insect - dragonfly (Odonata)	Present Count	19/05/2011		0	22
SJ4685	Ditton Brook, Halewood	Banded Demoiselle	<i>Calopteryx splendens</i>	insect - dragonfly (Odonata)	Present Count	19/05/2011		2	51
SJ4785	Ditton Brook & Ash Lane	Banded Demoiselle	<i>Calopteryx splendens</i>	insect - dragonfly (Odonata)		02/06/2020	More information from: irecord.org.uk/record-details?occurrence_id=23	2	2

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SJ4785	Ditton Brook & Ash Lane	Banded Demoiselle	<i>Calopteryx splendens</i>	insect - dragonfly (Odonata)		02/06/2020	More information from: irecord.org.uk/record-details?occurrence_id=19071307	2	2
SJ4785	Brook House Farm, Ditton Brook, Halewood	Banded Demoiselle	<i>Calopteryx splendens</i>	insect - dragonfly (Odonata)	2 Count	04/06/2016		2	52
SJ4785	Ditton Brook, Halewood Brook House Farm	Banded Demoiselle	<i>Calopteryx splendens</i>	insect - dragonfly (Odonata)		04/06/2016	More information from: irecord.org.uk/record-details?occurrence_id=4943041	0	2
SJ4785	Ditton Brook & Ash Lane	Banded Demoiselle	<i>Calopteryx splendens</i>	insect - dragonfly (Odonata)		13/09/2019	More information from: irecord.org.uk/record-details?occurrence_id=12696754	2	2
SJ4785	Ditton Brook & Ash Lane	Banded Demoiselle	<i>Calopteryx splendens</i>	insect - dragonfly (Odonata)	Present Count	13/09/2019	Birdtrack	0	53
SJ4785	Ditton Brook, Halewood Ditton Brook Halewood	Banded Demoiselle	<i>Calopteryx splendens</i>	insect - dragonfly (Odonata)	present Count	14/06/2011		2	52
SJ4785	Ditton Brook, Halewood	Banded Demoiselle	<i>Calopteryx splendens</i>	insect - dragonfly (Odonata)	Present Count	14/06/2011		2	51
SJ4785	Ditton Brook Halewood	Banded Demoiselle	<i>Calopteryx splendens</i>	insect - dragonfly (Odonata)	Present Count	14/06/2011		2	51
SJ4785	Ditton Brook Halewood	Banded Demoiselle	<i>Calopteryx splendens</i>	insect - dragonfly (Odonata)	Present Count	14/06/2011		0	22
SJ4785	Ditton Brook, Halewood	Banded Demoiselle	<i>Calopteryx splendens</i>	insect - dragonfly (Odonata)	Present Count	14/06/2011		0	22
SJ4785	Ditton Brook, Halewood, Brook House Farm	Banded Demoiselle	<i>Calopteryx splendens</i>	insect - dragonfly (Odonata)		18/06/2017	More information from: irecord.org.uk/record-details?occurrence_id=6601743	0	2
SJ4785	Ditton Brook, Halewood	Banded Demoiselle	<i>Calopteryx splendens</i>	insect - dragonfly (Odonata)	1 Count of Total	19/05/2011		2	52
SJ4785	Ditton Brook, Halewood	Banded Demoiselle	<i>Calopteryx splendens</i>	insect - dragonfly (Odonata)	Present Count	19/05/2011		2	51
SJ4785	Ditton Brook, Halewood	Banded Demoiselle	<i>Calopteryx splendens</i>	insect - dragonfly (Odonata)	Present Count	19/05/2011		0	22
SJ4785	Ditton Brook, Halewood	Banded Demoiselle	<i>Calopteryx splendens</i>	insect - dragonfly (Odonata)	Present Count	24/06/2009		0	22
SJ4785	Ditton Brook, Halewood	Banded Demoiselle	<i>Calopteryx splendens</i>	insect - dragonfly (Odonata)	present Count	24/06/2009		2	52
SJ4785	Ditton Brook, Halewood	Banded Demoiselle	<i>Calopteryx splendens</i>	insect - dragonfly (Odonata)	Present Count	24/06/2009		2	51

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SJ4785	Ditton Brook, Halewood Brook Far, Lower Road	Banded Demoiselle	<i>Calopteryx splendens</i>	insect - dragonfly (Odonata)	Present Count	25/06/2009		2	51
SJ4785	Ditton Brook, Halewood Brook Far, Lower Road	Banded Demoiselle	<i>Calopteryx splendens</i>	insect - dragonfly (Odonata)	1 Count of Male; 1 Count of Total	25/06/2009		2	52
SJ4785	Ditton Brook, Halewood Brook Far, Lower Road	Banded Demoiselle	<i>Calopteryx splendens</i>	insect - dragonfly (Odonata)	Present Count	25/06/2009		0	22
SJ4585		Black-tailed Skimmer	<i>Orthetrum cancellatum</i>	insect - dragonfly (Odonata)	Present Count	02/08/2005		0	22
SJ458859	No Location Name Given	Black-tailed Skimmer	<i>Orthetrum cancellatum</i>	insect - dragonfly (Odonata)	Present Count	02/08/2005		2	51
SJ458859		Black-tailed Skimmer	<i>Orthetrum cancellatum</i>	insect - dragonfly (Odonata)	1 Count of Present	02/08/2005		2	52
SJ458859	Hayes Farm, Lower Lane, Halewood	Black-tailed Skimmer	<i>Orthetrum cancellatum</i>	insect - dragonfly (Odonata)		02/08/2005		2	5
SJ4488		Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	Present Count	29/06/1999		0	22
SJ448889	No Location Name Given	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	Present Count	29/06/1999		2	51
SJ448889		Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	2 Count of Adult	29/06/1999		2	52
SJ4585		Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	Present Count	02/08/2005		0	22
SJ458859		Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	1 Count of Present	02/08/2005		2	52
SJ458859	Hayes Farm	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	Present Count	02/08/2005		2	51
SJ461884	M57/A562 Link Road, Knowsley	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	2 Count	29/04/1991-17/05/1991	none	2	5
SJ461884	Pool 14 (DEEB)	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	1 Count of Present	June 1991		2	5
SJ462868	Near Elliots Farm, Hale.	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	6 Count of Total	29/06/2010		2	52
SJ462868	No location name	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	Present Count	29/06/2010		2	51
SJ462868	Green's Bridge Farm Pond, Greensbridge Lane, Halewood, Merseyside	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	1 Count of Present	29/06/2010	Adult	2	3
SJ462868	Nr.Elliots Farm,Hale.	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	Present Count	29/06/2010		2	51
SJ466866	M57/A562 Link Road, Knowsley	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	1 Count	29/04/1991-17/05/1991	none	2	5
SJ466866	Pool 28A (DEEB)	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	1 Count of Present	June 1991		2	5

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SJ467860	M57/A562 Link Road, Knowsley	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	1 Count	29/04/1991-17/05/1991	none	2	5
SJ467860	Pool 8 (DEEB)	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	1 Count of Present	June 1991		2	5
SJ4685	Ditton Brook, Halewood	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	Present Count	19/05/2011		0	22
SJ4685	Ditton Brook, Halewood	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	present Count	19/05/2011		2	52
SJ4685	Ditton Brook, Halewood	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	Present Count	19/05/2011		2	51
SJ4686		Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	Present Count	29/06/2010		0	22
SJ4688	Tarbock Hall Farm	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	Present Count	23/06/2009		0	22
SJ4688	Tarbock Hall Farm	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	present Count	23/06/2009		2	52
SJ4688	Tarbock Hall Farm	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	Present Count	23/06/2009		2	51
SJ468860	M57/A562 Link Road, Knowsley	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	1 Count	29/04/1991-17/05/1991	none	2	5
SJ468860	Pool 7 (DEEB)	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	1 Count of Present	June 1991		2	5
SJ470882	M57/A562 Link Road, Knowsley	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	1 Count	29/04/1991-17/05/1991	none	2	5
SJ470882	Pool 6 (DEEB)	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	1 Count of Present	June 1991		2	5
SJ471891	Mine Waste, Cronton, Prescot	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)		16/07/2008	More information from: irecord.org.uk/record-details?occurrence_id=5474643	2	2
SJ471891	Mine Waste, Cronton	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)		16/07/2008		2	13
SJ471891	Mine Waste, Cronton, Prescot	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	Present Count of Adult	2008		2	52
SJ473879	A Pond N. of Dog Clog Brook	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	1 Count of Present	1991		2	5
SJ473879	M57/A562 Link Road, Knowsley	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	1 Count	29/04/1991-17/05/1991	none	2	5
SJ473879	Pool 3 (DEEB)	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	1 Count of Present	June 1991		2	5
SJ4785	Tray Ashes Lane, Halewood	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	2 Count of Total	19/06/2011		2	52
SJ4785	Tray Ashes Lane, Halewood	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	Present Count	19/06/2011		2	51

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SJ4785	Tray Ashes Lane, Halewood	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	Present Count	19/06/2011		0	22
SJ4785	Ditton Brook, Halewood	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	Present Count	24/06/2009		0	22
SJ4785	Ditton Brook, Halewood	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	present Count	24/06/2009		2	52
SJ4785	Ditton Brook, Halewood	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	Present Count	24/06/2009		2	51
SJ4788	Cronton Clay Quarry	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	Present Count	16/06/2010		0	22
SJ4788	Cronton Clay Quarry	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	2 Count of Total	16/06/2010		2	52
SJ4788	Cronton Clay Quarry	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	Present Count	16/06/2010		2	51
SJ48S	DEEB	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	present Count	01/06/1991		2	52
SJ48T	DEEB	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	present Count	01/06/1991		2	52
SJ48T	Dog Clog Brook	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	present Count	13/06/2005		2	52
SJ48U	DEEB	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	present Count	01/06/1991		2	52
SJ48U	Halsnead Park, Whiston	Blue-tailed Damselfly	<i>Ischnura elegans</i>	insect - dragonfly (Odonata)	present Count	2005		2	52
SJ4487	Netherley Park	Broad-bodied Chaser	<i>Libellula depressa</i>	insect - dragonfly (Odonata)	Present Count	28/04/2011		0	22
SJ4487	Netherley Park	Broad-bodied Chaser	<i>Libellula depressa</i>	insect - dragonfly (Odonata)	1 Count of Total	28/04/2011		2	52
SJ4487	Netherley Park	Broad-bodied Chaser	<i>Libellula depressa</i>	insect - dragonfly (Odonata)	Present Count	28/04/2011		2	51
SJ45328628	Court Farm Wood, Halewood, Liverpool, Merseyside, South Lancashire	Broad-bodied Chaser	<i>Libellula depressa</i>	insect - dragonfly (Odonata)	1 Count of Adult Female	22/05/2018	on leaf Record GUID (from Gilbert 21): ab3	0	8
SJ45328628	Court Farm Wood, Halewood, Liverpool, Merseyside, Huyton-With-Roby	Broad-bodied Chaser	<i>Libellula depressa</i>	insect - dragonfly (Odonata)		22/05/2018	More information from: irecord.org.uk/record-details?occurrence_id=7713698	2	2
SJ4588	Tarbock Hall Farm	Broad-bodied Chaser	<i>Libellula depressa</i>	insect - dragonfly (Odonata)	1 Count of Copulating Pair; 1 Count of Female; 2 Count of Male; 3 Count of Total	11/06/2011		2	52
SJ4588	Tarbock Hall Farm	Broad-bodied Chaser	<i>Libellula depressa</i>	insect - dragonfly (Odonata)	Present Count	11/06/2011		2	51

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SJ4588	Tarbock Hall Farm	Broad-bodied Chaser	<i>Libellula depressa</i>	insect - dragonfly (Odonata)	Present Count	11/06/2011		0	22
SJ462858	Hough Green to Halewood	Broad-bodied Chaser	<i>Libellula depressa</i>	insect - dragonfly (Odonata)	1 Count	28/05/2006	1 newly emerged in pond at SJ478856	2	34
SJ462884	ox lane tarbock	Broad-bodied Chaser	<i>Libellula depressa</i>	insect - dragonfly (Odonata)	1 Count of Present	2013		2	52
SJ462884	ox lane tarbock	Broad-bodied Chaser	<i>Libellula depressa</i>	insect - dragonfly (Odonata)	1 Count of Present	22/06/2013		2	20
SJ4689	Tarbock Hall Farm	Broad-bodied Chaser	<i>Libellula depressa</i>	insect - dragonfly (Odonata)	Present Count	11/06/2011		0	22
SJ4689	Tarbock Hall Farm	Broad-bodied Chaser	<i>Libellula depressa</i>	insect - dragonfly (Odonata)	1 Count of Copulating Pair; 1 Count of Female; 2 Count of Male; 3 Count of Total	11/06/2011		2	52
SJ4689	Tarbock Hall Farm	Broad-bodied Chaser	<i>Libellula depressa</i>	insect - dragonfly (Odonata)	Present Count	11/06/2011		2	51
SJ4689	Tarbock Hall Farm	Broad-bodied Chaser	<i>Libellula depressa</i>	insect - dragonfly (Odonata)	Present Count	11/06/2011		2	51
SJ471891	Mine Waste, Cronton	Broad-bodied Chaser	<i>Libellula depressa</i>	insect - dragonfly (Odonata)		16/07/2008		2	13
SJ471891	Mine Waste, Cronton, Prescot	Broad-bodied Chaser	<i>Libellula depressa</i>	insect - dragonfly (Odonata)		16/07/2008	More information from: irecord.org.uk/record-details?occurrence_id=5474651	2	2
SJ471891	Mine Waste, Cronton, Prescot	Broad-bodied Chaser	<i>Libellula depressa</i>	insect - dragonfly (Odonata)	Present Count of Adult	2008		2	52
SJ48S	Hough Green to Halewood	Broad-bodied Chaser	<i>Libellula depressa</i>	insect - dragonfly (Odonata)	1 Count of Total; 1 Count of Teneral	28/05/2006		2	52
SJ4585		Brown Hawker	<i>Aeshna grandis</i>	insect - dragonfly (Odonata)	Present Count	02/08/2005		0	22
SJ458859		Brown Hawker	<i>Aeshna grandis</i>	insect - dragonfly (Odonata)	1 Count of Present	02/08/2005		2	52
SJ458859	Hayes Farm	Brown Hawker	<i>Aeshna grandis</i>	insect - dragonfly (Odonata)	Present Count	02/08/2005		2	51
SJ4688	Ox Lane, Tarbock	Brown Hawker	<i>Aeshna grandis</i>	insect - dragonfly (Odonata)	Present Count	31/08/2014		2	51
SJ4688	Ox Lane, Tarbock	Brown Hawker	<i>Aeshna grandis</i>	insect - dragonfly (Odonata)	1 Count	31/08/2014		2	15
SJ4688	Ox Lane, Tarbock	Brown Hawker	<i>Aeshna grandis</i>	insect - dragonfly (Odonata)	Present Count	31/08/2014		0	22
SJ471891	Mine Waste Cronton	Brown Hawker	<i>Aeshna grandis</i>	insect - dragonfly (Odonata)	1 Count of Present	August 1990		2	5
SJ48U	Cronton Colliery	Brown Hawker	<i>Aeshna grandis</i>	insect - dragonfly (Odonata)	1 Count of Total	01/08/1990		2	52

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SJ48U	Halsnead Park, Whiston	Brown Hawker	<i>Aeshna grandis</i>	insect - dragonfly (Odonata)	1 Count of Total	1989		2	52
SJ456858	Heyes Green Lower Road Halewood	Common Blue Damselfly	<i>Enallagma cyathigerum</i>	insect - dragonfly (Odonata)	1 Count of Present	04/08/2005		2	5
SJ456858	The Heyes Farm, Lower Road, Halewood.	Common Blue Damselfly	<i>Enallagma cyathigerum</i>	insect - dragonfly (Odonata)	>1 Count of Present	04/08/2005		2	5
SJ4585		Common Blue Damselfly	<i>Enallagma cyathigerum</i>	insect - dragonfly (Odonata)	Present Count	02/08/2005		0	22
SJ458859		Common Blue Damselfly	<i>Enallagma cyathigerum</i>	insect - dragonfly (Odonata)	1 Count of Present	02/08/2005		2	52
SJ458859	Hayes Farm, Lower Lane, Halewood	Common Blue Damselfly	<i>Enallagma cyathigerum</i>	insect - dragonfly (Odonata)		02/08/2005		2	5
SJ458859	Hayes Farm	Common Blue Damselfly	<i>Enallagma cyathigerum</i>	insect - dragonfly (Odonata)	Present Count	02/08/2005		2	51
SJ464862	Pond north of Railway	Common Blue Damselfly	<i>Enallagma cyathigerum</i>	insect - dragonfly (Odonata)	1 Count of Present	1982		2	5
SJ48M	Hayes Farm, Lower Lane, Halewood	Common Blue Damselfly	<i>Enallagma cyathigerum</i>	insect - dragonfly (Odonata)	present Count	04/08/2005		2	52
SJ48T	Pond north of Railway	Common Blue Damselfly	<i>Enallagma cyathigerum</i>	insect - dragonfly (Odonata)	present Count	1982		2	52
SJ44808808	Woodlands Park, Winstler Drive, Netherley, Liverpool, Merseyside, South Lancashire	Common Darter	<i>Sympetrum striolatum</i>	insect - dragonfly (Odonata)	1 Count of Adult Female	18/09/2016	Record GUID (from Gilbert 21): e8bd55	0	11
SJ44808808	Woodlands Park, Winstler Drive, Netherley, Liverpool, Merseyside, Huyton-With-Roby	Common Darter	<i>Sympetrum striolatum</i>	insect - dragonfly (Odonata)		18/09/2016	More information from: irecord.org.uk/record-details?occurrence_id=7574765	2	2
SJ4585		Common Darter	<i>Sympetrum striolatum</i>	insect - dragonfly (Odonata)	Present Count	02/08/2005		0	22
SJ458859		Common Darter	<i>Sympetrum striolatum</i>	insect - dragonfly (Odonata)	1 Count of ovipositing	02/08/2005		2	52
SJ458859	Hayes Farm	Common Darter	<i>Sympetrum striolatum</i>	insect - dragonfly (Odonata)	Present Count	02/08/2005		2	51
SJ4600188221	Tarbock Green, UK	Common Darter	<i>Sympetrum striolatum</i>	insect - dragonfly (Odonata)		14/09/2019	https://www.inaturalist.org/observations/32696924	0	12
SJ466891	Daggers Bridge Wood	Common Darter	<i>Sympetrum striolatum</i>	insect - dragonfly (Odonata)	1 Count of Present	August 1990		2	5
SJ4688	Tarbock Hall Farm	Common Darter	<i>Sympetrum striolatum</i>	insect - dragonfly (Odonata)	present Count	16/08/2008		2	52
SJ4688	Tarbock Hall Farm	Common Darter	<i>Sympetrum striolatum</i>	insect - dragonfly (Odonata)	Present Count	16/08/2008		2	51
SJ4688	Tarbock Hall Farm	Common Darter	<i>Sympetrum striolatum</i>	insect - dragonfly (Odonata)	Present Count	16/08/2008		0	22

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SJ4689	Tarbock Hall Farm	Common Darter	<i>Sympetrum striolatum</i>	insect - dragonfly (Odonata)	Present Count	30/10/2010		2	51
SJ4689	Tarbock Hall Farm	Common Darter	<i>Sympetrum striolatum</i>	insect - dragonfly (Odonata)	Present Count	30/10/2010		2	51
SJ4689	Tarbock Hall Farm	Common Darter	<i>Sympetrum striolatum</i>	insect - dragonfly (Odonata)	2 Count of Copulating Pair; 5 Count of Total	30/10/2010		2	52
SJ4689	Tarbock Hall Farm	Common Darter	<i>Sympetrum striolatum</i>	insect - dragonfly (Odonata)	Present Count	30/10/2010		0	22
SJ469874	M57/A562 Link Road - Knowsley	Common Darter	<i>Sympetrum striolatum</i>	insect - dragonfly (Odonata)	2 Count	29/04/1991-17/05/1991	none	2	5
SJ469874	Pool 10 (DEEB)	Common Darter	<i>Sympetrum striolatum</i>	insect - dragonfly (Odonata)	1 Count of Present	June 1991		2	5
SJ471891	Mine Waste Cronton	Common Darter	<i>Sympetrum striolatum</i>	insect - dragonfly (Odonata)	1 Count of Present	August 1990		2	5
SJ473873	M57/A562 Link Road - Knowsley	Common Darter	<i>Sympetrum striolatum</i>	insect - dragonfly (Odonata)	1 Count	29/04/1991-17/05/1991	none	2	5
SJ473873	Pool 13 (DEEB)	Common Darter	<i>Sympetrum striolatum</i>	insect - dragonfly (Odonata)	1 Count of Present	June 1991		2	5
SJ4788	Cronton Clay Quarry	Common Darter	<i>Sympetrum striolatum</i>	insect - dragonfly (Odonata)	Present Count	23/06/2008		2	51
SJ4788	Cronton Clay Quarry	Common Darter	<i>Sympetrum striolatum</i>	insect - dragonfly (Odonata)	present Count	23/06/2008		2	52
SJ4788	Cronton Clay Quarry	Common Darter	<i>Sympetrum striolatum</i>	insect - dragonfly (Odonata)	Present Count	23/06/2008		0	22
SJ4789	Cronton Colliery	Common Darter	<i>Sympetrum striolatum</i>	insect - dragonfly (Odonata)	Present Count	11/10/2008		2	51
SJ4789	Cronton Colliery	Common Darter	<i>Sympetrum striolatum</i>	insect - dragonfly (Odonata)	1 Count of Total	11/10/2008		2	52
SJ4789	Cronton Colliery	Common Darter	<i>Sympetrum striolatum</i>	insect - dragonfly (Odonata)	Present Count	11/10/2008		0	22
SJ48T	DEEB	Common Darter	<i>Sympetrum striolatum</i>	insect - dragonfly (Odonata)	present Count	01/06/1991		2	52
SJ48U	Cronton Colliery	Common Darter	<i>Sympetrum striolatum</i>	insect - dragonfly (Odonata)	present Count	01/08/1990		2	52
SJ466891	Daggers Bridge Wood	Common Hawker	<i>Aeshna juncea</i>	insect - dragonfly (Odonata)	1 Count of Present	August 1990		2	5
SJ48U	Daggers Bridge Wood	Common Hawker	<i>Aeshna juncea</i>	insect - dragonfly (Odonata)	1 Count of Total	01/08/1990		2	52
SJ4486	Halewood	Emperor Dragonfly	<i>Anax imperator</i>	insect - dragonfly (Odonata)	Present Count	13/06/2009		2	51
SJ4486	Halewood	Emperor Dragonfly	<i>Anax imperator</i>	insect - dragonfly (Odonata)	1 Count of Total	13/06/2009		2	52
SJ4486	Halewood	Emperor Dragonfly	<i>Anax imperator</i>	insect - dragonfly (Odonata)	Present Count	13/06/2009		0	22

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SJ4585		Emperor Dragonfly	<i>Anax imperator</i>	insect - dragonfly (Odonata)	Present Count	02/08/2005		0	22
SJ4588	Tarbock Hall Farm	Emperor Dragonfly	<i>Anax imperator</i>	insect - dragonfly (Odonata)	Present Count	11/06/2011		2	51
SJ4588	Tarbock Hall Farm	Emperor Dragonfly	<i>Anax imperator</i>	insect - dragonfly (Odonata)	Present Count	11/06/2011		0	22
SJ4588	Tarbock Hall Farm	Emperor Dragonfly	<i>Anax imperator</i>	insect - dragonfly (Odonata)	1 Count of Male; 1 Count of Total	11/06/2011		2	52
SJ458859	Hayes Farm	Emperor Dragonfly	<i>Anax imperator</i>	insect - dragonfly (Odonata)	Present Count	02/08/2005		2	51
SJ458859		Emperor Dragonfly	<i>Anax imperator</i>	insect - dragonfly (Odonata)	1 Count of Present	02/08/2005		2	52
SJ458880	Tarbock Green, UK	Emperor Dragonfly	<i>Anax imperator</i>	insect - dragonfly (Odonata)	Present Count	31/05/2020	https://www.inaturalist.org/observations/47959990	0	6
SJ462868	Nr.Elliots Farm,Hale.	Emperor Dragonfly	<i>Anax imperator</i>	insect - dragonfly (Odonata)	Present Count	29/06/2010		2	51
SJ462868	Near Elliots Farm, Hale.	Emperor Dragonfly	<i>Anax imperator</i>	insect - dragonfly (Odonata)	4 Count of Total	29/06/2010		2	52
SJ462868	No location name	Emperor Dragonfly	<i>Anax imperator</i>	insect - dragonfly (Odonata)	Present Count	29/06/2010		2	51
SJ462868	Green's Bridge Farm Pond, Greensbridge Lane, Halewood, Merseyside	Emperor Dragonfly	<i>Anax imperator</i>	insect - dragonfly (Odonata)	1 Count of Present	29/06/2010	Adult	2	3
SJ4686		Emperor Dragonfly	<i>Anax imperator</i>	insect - dragonfly (Odonata)	Present Count	29/06/2010		0	22
SJ4689	Tarbock Hall Farm	Emperor Dragonfly	<i>Anax imperator</i>	insect - dragonfly (Odonata)	1 Count of Male; 1 Count of Total	11/06/2011		2	52
SJ4689	Tarbock Hall Farm	Emperor Dragonfly	<i>Anax imperator</i>	insect - dragonfly (Odonata)	Present Count	11/06/2011		2	51
SJ4689	Tarbock Hall Farm	Emperor Dragonfly	<i>Anax imperator</i>	insect - dragonfly (Odonata)	Present Count	11/06/2011		0	22
SJ4785	Tray Ashes Lane, Halewood	Emperor Dragonfly	<i>Anax imperator</i>	insect - dragonfly (Odonata)	Present Count	19/06/2011		2	51
SJ4785	Tray Ashes Lane, Halewood	Emperor Dragonfly	<i>Anax imperator</i>	insect - dragonfly (Odonata)	1 Count of Male; 1 Count of Female; 2 Count of Total	19/06/2011		2	52
SJ4785	Tray Ashes Lane, Halewood	Emperor Dragonfly	<i>Anax imperator</i>	insect - dragonfly (Odonata)	Present Count	19/06/2011		0	22
SJ4785	Bosco Hall Farm, Halewood	Emperor Dragonfly	<i>Anax imperator</i>	insect - dragonfly (Odonata)	3 Count of Total	24/06/2009		2	52
SJ4785	Bosco Hall Farm, Halewood	Emperor Dragonfly	<i>Anax imperator</i>	insect - dragonfly (Odonata)	Present Count	24/06/2009		2	51
SJ4785	Bosco Hall Farm, Halewood	Emperor Dragonfly	<i>Anax imperator</i>	insect - dragonfly (Odonata)	Present Count	24/06/2009		0	22

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SJ4488		Four-spotted Chaser	<i>Libellula quadrimaculata</i>	insect - dragonfly (Odonata)	Present Count	29/06/1999		0	22
SJ448889	Sewage Works	Four-spotted Chaser	<i>Libellula quadrimaculata</i>	insect - dragonfly (Odonata)	Present Count	29/06/1999		2	51
SJ448889		Four-spotted Chaser	<i>Libellula quadrimaculata</i>	insect - dragonfly (Odonata)	2 Count of Adult	29/06/1999		2	52
SJ458879	Tarbock Green, UK	Four-spotted Chaser	<i>Libellula quadrimaculata</i>	insect - dragonfly (Odonata)	Present Count	31/05/2020	https://www.inaturalist.org/observations/47958402	0	6
SJ458879	Tarbock Green, UK	Four-spotted Chaser	<i>Libellula quadrimaculata</i>	insect - dragonfly (Odonata)		31/05/2020	More information from: irecord.org.uk/record-details?occurrence_id=22261751	2	2
SJ462868	Near Elliots Farm, Hale.	Four-spotted Chaser	<i>Libellula quadrimaculata</i>	insect - dragonfly (Odonata)	3 Count of Total	29/06/2010		2	52
SJ462868	No location name	Four-spotted Chaser	<i>Libellula quadrimaculata</i>	insect - dragonfly (Odonata)	Present Count	29/06/2010		2	51
SJ462868	Green's Bridge Farm Pond, Greensbridge Lane, Halewood, Merseyside	Four-spotted Chaser	<i>Libellula quadrimaculata</i>	insect - dragonfly (Odonata)	1 Count of Present	29/06/2010	Adult	2	3
SJ462868	Nr.Elliots Farm,Hale.	Four-spotted Chaser	<i>Libellula quadrimaculata</i>	insect - dragonfly (Odonata)	Present Count	29/06/2010		2	51
SJ4686		Four-spotted Chaser	<i>Libellula quadrimaculata</i>	insect - dragonfly (Odonata)	Present Count	29/06/2010		0	22
SJ4688	Tarbock Hall Farm	Four-spotted Chaser	<i>Libellula quadrimaculata</i>	insect - dragonfly (Odonata)	Present Count	23/06/2009		0	22
SJ4688	Tarbock Hall Farm	Four-spotted Chaser	<i>Libellula quadrimaculata</i>	insect - dragonfly (Odonata)	2 Count of Total	23/06/2009		2	52
SJ4688	Tarbock Hall Farm	Four-spotted Chaser	<i>Libellula quadrimaculata</i>	insect - dragonfly (Odonata)	Present Count	23/06/2009		2	51
SJ4785	Tray Ashes Lane, Halewood	Four-spotted Chaser	<i>Libellula quadrimaculata</i>	insect - dragonfly (Odonata)	1 Count of Total	19/06/2011		2	52
SJ4785	Tray Ashes Lane, Halewood	Four-spotted Chaser	<i>Libellula quadrimaculata</i>	insect - dragonfly (Odonata)	Present Count	19/06/2011		0	22
SJ4785	Tray Ashes Lane, Halewood	Four-spotted Chaser	<i>Libellula quadrimaculata</i>	insect - dragonfly (Odonata)	Present Count	19/06/2011		2	51
SJ4785	Bosco Hall Farm, Halewood	Four-spotted Chaser	<i>Libellula quadrimaculata</i>	insect - dragonfly (Odonata)	Present Count	24/06/2009		0	22
SJ4785	Bosco Hall Farm, Halewood	Four-spotted Chaser	<i>Libellula quadrimaculata</i>	insect - dragonfly (Odonata)	1 Count of Total	24/06/2009		2	52
SJ4785	Bosco Hall Farm, Halewood	Four-spotted Chaser	<i>Libellula quadrimaculata</i>	insect - dragonfly (Odonata)	Present Count	24/06/2009		2	51
SJ4788	Cronton Clay Quarry	Four-spotted Chaser	<i>Libellula quadrimaculata</i>	insect - dragonfly (Odonata)	Present Count	16/06/2010		0	22

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SJ4788	Cronton Clay Quarry	Four-spotted Chaser	<i>Libellula quadrimaculata</i>	insect - dragonfly (Odonata)	3 Count of Total	16/06/2010		2	52
SJ4788	Cronton Clay Quarry	Four-spotted Chaser	<i>Libellula quadrimaculata</i>	insect - dragonfly (Odonata)	Present Count	16/06/2010		2	51
SJ462884	ox lane tarbock	Migrant Hawker	<i>Aeshna mixta</i>	insect - dragonfly (Odonata)	1 Count of Present	09/08/2012	not sure if this is a common hawk or migrant hawk see photo	2	20
SJ462884	ox lane tarbock	Migrant Hawker	<i>Aeshna mixta</i>	insect - dragonfly (Odonata)	1 Count of Present	2012		2	52
SJ46478622	Pond, SE of Plantation, Knowsley	Migrant Hawker	<i>Aeshna mixta</i>	insect - dragonfly (Odonata)	1 Count	28/10/2016		0	7
SJ4785	Ditton Brook & Ash Lane	Migrant Hawker	<i>Aeshna mixta</i>	insect - dragonfly (Odonata)	Present Count	13/09/2019	Birdtrack	0	53
SJ4785	Ditton Brook & Ash Lane	Migrant Hawker	<i>Aeshna mixta</i>	insect - dragonfly (Odonata)		13/09/2019	More information from: irecord.org.uk/record-details?occurrence_id=12696755	2	2
SJ4789	Cronton Colliery	Migrant Hawker	<i>Aeshna mixta</i>	insect - dragonfly (Odonata)	Present Count	11/10/2008		2	51
SJ4789	Cronton Colliery	Migrant Hawker	<i>Aeshna mixta</i>	insect - dragonfly (Odonata)	Present Count	11/10/2008		0	22
SJ4789	Cronton Colliery	Migrant Hawker	<i>Aeshna mixta</i>	insect - dragonfly (Odonata)	1 Count of Total	11/10/2008		2	52
SJ4621988426	Tarbock Green, UK	Ruddy Darter	<i>Sympetrum sanguineum</i>	insect - dragonfly (Odonata)		14/09/2019	https://www.inaturalist.org/observations/32697420	0	12
SJ4586	Halewood Park	Southern Hawker	<i>Aeshna cyanea</i>	insect - dragonfly (Odonata)	Provenbreeding Count	2000		2	52
SJ4621788428	Tarbock Green, Prescott L35 1QY, UK	Southern Hawker	<i>Aeshna cyanea</i>	insect - dragonfly (Odonata)		14/09/2019	https://www.inaturalist.org/observations/32697394	0	12
SJ4788	Cronton Clay Quarry	Southern Hawker	<i>Aeshna cyanea</i>	insect - dragonfly (Odonata)	Present Count	23/06/2008		2	51
SJ4788	Cronton Clay Quarry	Southern Hawker	<i>Aeshna cyanea</i>	insect - dragonfly (Odonata)	1 Count of Total	23/06/2008		2	52
SJ4788	Cronton Clay Quarry	Southern Hawker	<i>Aeshna cyanea</i>	insect - dragonfly (Odonata)	Present Count	23/06/2008		0	22
SJ4888	Gorse Lodge Nurseries, Knowsley	Buff Ermine	<i>Spilosoma lutea</i>	insect - moth		01/01/2013	More information from: irecord.org.uk/record-details?occurrence_id=10012153	2	2
SJ4888	Gorse Lodge Nurseries, Knowsley, South Lancashire	Buff Ermine	<i>Spilosoma lutea</i>	insect - moth	1 Count of Adult	2013	Entered under pseudonym of nwallbank - good photo provided	2	54
SJ460865	Greenbridge Plantation	Sallow	<i>Cirrhia icteritia</i>	insect - moth	1 Count of Adult	03/08/1971		2	54

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SJ460865	Greenbridge Wood, Tarbock, South Lancashire	Pocota personata	<i>Pocota personata</i>	insect - true fly (Diptera)		03/09/1987		2	16
SJ468888	Dacres bridge lane/cronton, South Lancashire	Large Black Slug	<i>Arion (Arion) ater</i>	mollusc	Present Count	27/08/2011		0	39
SJ46478622	Pond, SE of Plantation, Knowsley	Marsh Pond Snail	<i>Stagnicola palustris/fuscus/corvus</i>	mollusc	1 Count of Present	28/10/2016		2	7
SJ467861	M57/A562 Link Road, Knowsley	Marsh Pond Snail	<i>Stagnicola palustris/fuscus/corvus</i>	mollusc	1 Count	29/04/1991-17/05/1991	none	0	5
SJ467861	Pool 26 (DEEB)	Marsh Pond Snail	<i>Stagnicola palustris/fuscus/corvus</i>	mollusc	1 Count of Present	June 1991		0	5
SJ467883	M57/A562 Link Road - Knowsley	Marsh Pond Snail	<i>Stagnicola palustris/fuscus/corvus</i>	mollusc	3 Count	29/04/1991-17/05/1991	none	0	5
SJ467883	Ditch 2 (DEEB)	Marsh Pond Snail	<i>Stagnicola palustris/fuscus/corvus</i>	mollusc	1 Count of Present	June 1991		0	5
SJ469874	M57/A562 Link Road, Knowsley	Marsh Pond Snail	<i>Stagnicola palustris/fuscus/corvus</i>	mollusc	1 Count	29/04/1991-17/05/1991	none	0	5
SJ469874	M57/A562 Link Road - Knowsley	Marsh Pond Snail	<i>Stagnicola palustris/fuscus/corvus</i>	mollusc	2 Count	29/04/1991-17/05/1991	none	0	5
SJ469874	Pool 10 (DEEB)	Marsh Pond Snail	<i>Stagnicola palustris/fuscus/corvus</i>	mollusc	1 Count of Present	June 1991		0	5
SJ473873	M57/A562 Link Road - Knowsley	Marsh Pond Snail	<i>Stagnicola palustris/fuscus/corvus</i>	mollusc	1 Count	29/04/1991-17/05/1991	none	0	5
SJ473873	Pool 13 (DEEB)	Marsh Pond Snail	<i>Stagnicola palustris/fuscus/corvus</i>	mollusc	1 Count of Present	June 1991		0	5
SJ473879	A Pond N. of Dog Clog Brook	Marsh Pond Snail	<i>Stagnicola palustris/fuscus/corvus</i>	mollusc	1 Count of Present	1991		0	5
SJ473879	M57/A562 Link Road, Knowsley	Marsh Pond Snail	<i>Stagnicola palustris/fuscus/corvus</i>	mollusc	3 Count	29/04/1991-17/05/1991	none	0	5
SJ473879	Pool 3 (DEEB)	Marsh Pond Snail	<i>Stagnicola palustris/fuscus/corvus</i>	mollusc	1 Count of Present	June 1991		0	5
SJ453863	Court Farm Pond, Court Farm, Halewood, Liverpool	Mud Pond Snail	<i>Omphiscola glabra</i>	mollusc	1 Count	09/04/1996	adult	0	3
SJ4588	Tarbock Green, UK	American Mink	<i>Neovison vison</i>	terrestrial mammal	Present Count	07/03/2021	https://www.inaturalist.org/observations/70845516	0	6
SJ4597088170	# Ox Ln, Tarbock Green, Prescott L35 1QA, UK	American Mink	<i>Neovison vison</i>	terrestrial mammal		05/01/2019	Prints on riverbank sediment. https://www.inaturalist.org/observations/19444551	2	12
SJ453876	Tarbock, Ditton Brook	Bat	<i>Chiroptera</i>	terrestrial mammal		30/08/1988		2	55
SJ456893	Sevenoaks Drive, off Cronton Road, Cronton	Bat	<i>Chiroptera</i>	terrestrial mammal	P Count of Roost Potential	06/02/2007	No evidence of Bats, buildings offer low roost potential, one tree offers	2	5

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							roost potential by way of a woodpecker hole.		
SJ456893	Roscoes wood	Bat	<i>Chiroptera</i>	terrestrial mammal	P Count of Roost Potential	15/01/2001	No evidence of Bats however some trees offer roost potential.	2	5
SJ457876	Tarbock, Greensbridge Lane	Bat	<i>Chiroptera</i>	terrestrial mammal		30/08/1988		2	55
SJ4596288166	Tarbock Green, UK	Bat	<i>Chiroptera</i>	terrestrial mammal		07/07/2019	Foraging. https://www.inaturalist.org/observations/28391504	0	12
SJ4598888204	Tarbock	Bat	<i>Chiroptera</i>	terrestrial mammal	1 Count of feeding	28/05/2016	Foraging on Ox Lane	2	56
SJ4598888204	Tarbock	Bat	<i>Chiroptera</i>	terrestrial mammal	Present Count	28/05/2016	Foraging on Ox Lane	2	56
SJ4607988010	Tarbock Green, UK	Bat	<i>Chiroptera</i>	terrestrial mammal		07/07/2019	Unidentified - still really light, must have emerged from roost site very close to location . https://www.inaturalist.org/observations/28389055	0	12
SJ461883	Tarbock Hall, Prescot	Bat	<i>Chiroptera</i>	terrestrial mammal	P Count of Roost Potential	06/02/2007	No evidence of Bats however could potentially be used as a satellite roost during the warmer parts of the year.	2	5
SJ461883	Tarbock Hall, Shippon Barn, Ox Lane	Bat	<i>Chiroptera</i>	terrestrial mammal	P Count of Roost Potential	June 1999	Suitable feeding and summer opportunities however no evidence of occupation during time of survey. Too drafty for a winter roost.	2	5
SJ463879	The Coppice, Tarbock	Bat	<i>Chiroptera</i>	terrestrial mammal		14/09/1987	reported by resident	2	16
SJ463896	Windy Arbor Road Huyton	Bat	<i>Chiroptera</i>	terrestrial mammal	1 Count	August 1989 - September 1989		2	16
SJ466891	Adjacent Daggars Bridge Farm - Tarbock Interchange M57/A562	Bat	<i>Chiroptera</i>	terrestrial mammal	0 Count of dead; 0 Count of Roosting; 0 Count; 1 Count of in flight	07/06/1991	Area A:: Adjacent to Daggars Bridge Farm is a damp mixed deciduous woodland. The canopy is largely closed and Sycamore predominates, although in some areas Oak is present up to 50%.	2	5
SJ468888	Ocre-Thorp, Dacres Bridge Lane, Knowsley	Bat	<i>Chiroptera</i>	terrestrial mammal	P Count of Roost	16/07/2012		2	4

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SJ468888	Lodge Riding Centre - Tarbock Interchange M57/A562	Bat	<i>Chiroptera</i>	terrestrial mammal	2 Count	Autumn 1990	The residents mentioned they had seldom seen bats around the area, the only record they had was for autumn 1990 when 2 bats were seen around dusk in an adjacent barn	2	5
SJ468888	Ocre-Thorp, Dacres Bridge Lane, Knowsley	Bat	<i>Chiroptera</i>	terrestrial mammal	P Count of Roost	October 2011		2	4
SJ470893	North of Cronton Road - Tarbock Interchange M57/A562	Bat	<i>Chiroptera</i>	terrestrial mammal	0 Count of dead; 0 Count; 1 Count of in flight; P Count of Roost Potential	10/06/1991	Area B is immediately north of Cronton Road. This was a continuation of area A until the road divided the woodland.	2	5
SJ470893	North of Cronton Road - Tarbock Interchange M57/A562	Bat	<i>Chiroptera</i>	terrestrial mammal	0 Count of dead; 0 Count of Roosting; 0 Count; 1 Count of in flight	29/05/1991	Area B is immediately north of Cronton Road. This was a continuation of area A until the road divided the woodland.	2	5
SJ4785		Bat	<i>Chiroptera</i>	terrestrial mammal	Present Count	29/08/2008		0	22
SJ4785		Bat	<i>Chiroptera</i>	terrestrial mammal	Present Count	29/08/2008	For Metadata go to https://registry.nbnatlas.org/public/showDataResource/dr878	2	57
SJ463896	M57/A562 Link Road Ecological Report	Bats	<i>Vespertilionidae</i>	terrestrial mammal	1 Count of Present	1989		2	31
SJ4588	farmland south of hale	Brown Hare	<i>Lepus europaeus</i>	terrestrial mammal		1973	sightings and road casualties	2	59
SJ4588	south of huyton	Brown Hare	<i>Lepus europaeus</i>	terrestrial mammal		May 1972	1 corpse	2	59
SJ4589	New Pale Farm	Brown Hare	<i>Lepus europaeus</i>	terrestrial mammal	1 Count of Present	April 2010		2	63
SJ460860	Halewood, Merseyside	Brown Hare	<i>Lepus europaeus</i>	terrestrial mammal	2 Count	16/04/2014	Field observation	2	61
SJ460867	Greensbridge Farm, Greensbridge Lane, Tarbock, Knowsley	Brown Hare	<i>Lepus europaeus</i>	terrestrial mammal	2 Count	24/03/2007	Arable field	0	60
SJ461883	Tarbock Hall, Prescot	Brown Hare	<i>Lepus europaeus</i>	terrestrial mammal	1 Count of Present	01/04/2004		2	5
SJ461883	Tarbock Hall Farm	Brown Hare	<i>Lepus europaeus</i>	terrestrial mammal	1 Count of Present	25/06/1999		2	5
SJ461883	Tarbock Hall, Prescot	Brown Hare	<i>Lepus europaeus</i>	terrestrial mammal	1 Count of Present	June 1999		2	5
SJ464868	Greensbridge Farm, Tarbock Knowsley	Brown Hare	<i>Lepus europaeus</i>	terrestrial mammal	2 Count	09/04/2015	Arable field	0	60

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SJ466861	Halewood	Brown Hare	<i>Lepus europaeus</i>	terrestrial mammal		23/09/2015	More information from: irecord.org.uk/record- details?occurrence_id=26 13804	0	2
SJ46748813	Knowsley Expressway	Brown Hare	<i>Lepus europaeus</i>	terrestrial mammal	1 Count	15/01/2019	Dead Brown Hare (Roadkill) on south bound carriageway of Knowsley Expressway(A5300).	2	7
SJ467885	Yew Tree Farm Tarbock Knowsley	Brown Hare	<i>Lepus europaeus</i>	terrestrial mammal	1 Count	25/03/2015	Arable field	0	60
SJ471888	Cronton Claypit	Brown Hare	<i>Lepus europaeus</i>	terrestrial mammal	4 Count	08/02/2012	Seen on Cronton clay quarry.Site is currently in active	2	60
SJ472863	Halewood	Brown Hare	<i>Lepus europaeus</i>	terrestrial mammal	1 Count	19/02/2011	Field observation	2	61
SJ473863	Halewood	Brown Hare	<i>Lepus europaeus</i>	terrestrial mammal	1 Count of Adult	04/04/2008		2	61
SJ474861	Halewood	Brown Hare	<i>Lepus europaeus</i>	terrestrial mammal	Present Count	14/03/2015		2	22
SJ474861	Halewood	Brown Hare	<i>Lepus europaeus</i>	terrestrial mammal		14/03/2015	More information from: irecord.org.uk/record- details?occurrence_id=19 50641	0	2
SJ476876	Rural lane near Tarbock	Brown Hare	<i>Lepus europaeus</i>	terrestrial mammal	1 Count	23/12/2010	Arable field; Seen on very quiet snowy morning 7.30am running in snow covered field along hedge line. Then came through hedge and into middle of lane. Sat for short time.(Have seen a hare in this lane previously but much further up away f	2	60
SJ476876	Stockswell Farm, Stockswell Road, WA8	Brown Hare	<i>Lepus europaeus</i>	terrestrial mammal	1 Count	25/08/2011	Have seen single hare (definite hare) on 4 occasions in this same field in past 3 weeks. Guests told me that they saw 2 hares together on one occasion but I cannot vouch for accuracy of this	2	60
SJ4785	Tray Ashes Lane, Knowsley	Brown Hare	<i>Lepus europaeus</i>	terrestrial mammal	4 Count	04/06/2016		0	62
SJ4785	Tray Ashes Lane, Halewood, Knowsley	Brown Hare	<i>Lepus europaeus</i>	terrestrial mammal	4 Count	04/06/2016	Grass field	0	60
SJ4785	South of Tray Ashes Lane, Halewood	Brown Hare	<i>Lepus europaeus</i>	terrestrial mammal	3 Count	04/07/2016	Grass field	0	60

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SJ4785	South of Tray Ashes Lane, Halewood	Brown Hare	<i>Lepus europaeus</i>	terrestrial mammal	2 Count	15/07/2017	2 Brown Hares upon a sheep grazed grass field. An area of Hawthorn scrub adjacent to the site, and several large Wheat fields nearby also.	2	64
SJ4785	South of Tray Ashes Lane, Halewood	Brown Hare	<i>Lepus europaeus</i>	terrestrial mammal	6 Count	23/06/2016	Grass field	0	60
SJ4785	Halewood, South of Tray Ashes Farm	Brown Hare	<i>Lepus europaeus</i>	terrestrial mammal	6 Count	23/06/2016		2	65
SJ4786	Halewood	Brown Hare	<i>Lepus europaeus</i>	terrestrial mammal	1 Count	07/08/2013	Field observation	2	61
SJ4786	west of Tray Ashes Farm, Halewood	Brown Hare	<i>Lepus europaeus</i>	terrestrial mammal	2 Count	23/06/2016	Arable field	0	60
SJ4786	Halewood	Brown Hare	<i>Lepus europaeus</i>	terrestrial mammal	2 Count	23/06/2016		2	65
SJ4787	Stockswell Farm	Brown Hare	<i>Lepus europaeus</i>	terrestrial mammal	1 Count	16/07/2013	Lowland farm hay crop recently cut and baled. 1 x brown hare seen on 2 consecutive days same place.	2	60
SJ4788	Cronton Clay Quarry	Brown Hare	<i>Lepus europaeus</i>	terrestrial mammal	Present Count	12/04/2014		0	15
SJ478865	Hockenhull Platts and river Gowy SJ46S, South Lancashire	Brown Hare	<i>Lepus europaeus</i>	terrestrial mammal	1 Count	13/08/2016	"[ireckeyiBRC3872428] [Source - iRecord i	2	58
SJ4886	Widnes	Brown Hare	<i>Lepus europaeus</i>	terrestrial mammal	2 Count	23/05/1905	Default	2	3
SJ4886	Meadway Pond	Brown Hare	<i>Lepus europaeus</i>	terrestrial mammal	2 Count	27/06/1988		2	3
SJ4886	hough green, widnes	Brown Hare	<i>Lepus europaeus</i>	terrestrial mammal		27/06/1988	2 seen in feild along railway line	2	59
SJ4888	Widnes, UK	Brown Hare	<i>Lepus europaeus</i>	terrestrial mammal		20/06/2003	More information from: irecord.org.uk/record-details?occurrence_id=23370504	2	2
SJ48M		Brown Hare	<i>Lepus europaeus</i>	terrestrial mammal	1 Count of Present	1998		2	21
SJ48N	Halewood	Brown Hare	<i>Lepus europaeus</i>	terrestrial mammal	1 Count	07/08/2013	Field observation	2	61
SJ48N		Brown Hare	<i>Lepus europaeus</i>	terrestrial mammal	1 Count of Present	1998		2	21
SJ48P		Brown Hare	<i>Lepus europaeus</i>	terrestrial mammal	1 Count of Present	1998		2	21
SJ461883	Tarbock Hall, Prescot	Brown Long-eared Bat	<i>Plecotus auritus</i>	terrestrial mammal	1 Count of Droppings; 1 Count of Signs; P Count of Roost	23/10/1995	Droppings and feeding remains found however no evidence suggested sustained use by a large colony, appears to be a	2	5

							temporary summer roost and possibly a breeding roost for Brown Long-eared Bats however it is considered too darft to be a winter roost.		
SJ461883	Tarbock Hall Farm	Brown Long-eared Bat	<i>Plecotus auritus</i>	terrestrial mammal	1 Count of Present	25/06/1999		2	5
SJ461883	Tarbock Hall Farm	Brown Long-eared Bat	<i>Plecotus auritus</i>	terrestrial mammal	300 Count of Droppings; numerous Count of Signs; present Count of Roosting	25/09/1995	Feeding remains (100+ butterfly and moth wings) and numerous droppings (300+) recorded some of which were extremely fresh. Evidence suggests bulding used as a roost by Brown Long-eared bats.	2	5
SJ461883	Tarbock Hall, Shippon Barn, Ox Lane	Brown Long-eared Bat	<i>Plecotus auritus</i>	terrestrial mammal	1 Count of Droppings; 1 Count of Signs; 4 Count of Present; P Count of Roost	June 1999	Small numnber of droppings and 2 piles of feeding remains observed. 3-4 bats emerged from the barn. Suggests barn is used as a feeding refuge and temporary roost site by a small number of Long Brown-eared Bats.	2	5
SJ468888	Ocre-Thorp, Dacres Bridge Lane, Knowsley	Brown Long-eared Bat	<i>Plecotus auritus</i>	terrestrial mammal	P Count of Roost	07/09/2012		2	4
SJ478876	Stockswell Farm barn, Cronton	Brown Long-eared Bat	<i>Plecotus auritus</i>	terrestrial mammal	1 Count	17/10/2006	Presence of small number of bat droppings	2	16
SJ442870	North End Farm, North End Lane, Halewood, L26 5QB	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	13 Count of Roost	04/07/2019	Two Common Pipistrelle bats emerged from Buildings D and F, substantial activity around the site in general by up to 13 bats	0	66
SJ442870	North End Farm, North End Lane, Halewood, L26 5QB	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	6 Count of Roost	20/06/2019	Emergence of six bats from three buildings on site during a dusk survey	0	66
SJ452867	foxhill farm, foxholl lane, halewood, liverpool	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	present Count of Roosting	03/08/2007	there was evidence of bats in this area, roosts were still in use	2	5
SJ460876	Brewery House, Netherly Road, Tarbock	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	17 Count	25/07/2007		2	5
SJ461883	Tarbock Hall Farm	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	30 Count of Droppings	13/03/2002	Found approx 30	2	5

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							droppings, evidence suggests a few Pipistrelle bats use the building during the summer period.		
SJ461883		Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	1 Count of in flight; numerous Count of Droppings	27/06/2007		2	5
SJ464895	Chapel Beck	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal		06/06/2011		2	36
SJ466891	Dagger's Bridge Wood	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal		29/04/2005		2	5
SJ4789	Cronton Colliery	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal		August 2003	located foraging in the rear garden of the villa, and right across the site	2	37
SJ466891	Adjacent Daggers Bridge Farm - Tarbock Interchange M57/A562	Daubenton's Bat	<i>Myotis daubentonii</i>	terrestrial mammal	0 Count of dead; 0 Count of in flight; 0 Count; P Count of Roost Potential	May 1991 - June 1991	Chapel Brook bisects the wood and provides a bridge and tunnel with potential roost sites for Daubentons bats.	2	5
SJ44808811	Woodlands Park, Wood Lane, Netherley, Liverpool, Merseyside, Liverpool	Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal		18/09/2016	More information from: irecord.org.uk/record-details?occurrence_id=7705520	2	2
SJ44848790	Woodlands Nursing Home grounds, Wood Lane, Netherley, Liverpool, Merseyside, Liverpool	Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal		18/09/2016	More information from: irecord.org.uk/record-details?occurrence_id=7705522	2	2
SJ4488	Netherley, South Lancashire	Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal	1 Count of Present	16/03/2010		2	67
SJ4489	Yew Tree Road, Liverpool L36 5UQ, UK	Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal	Present Count	01/12/2019	https://www.inaturalist.org/observations/36257954	0	6
SJ4489	Yew Tree Road, Liverpool L36 5UQ, UK	Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal		01/12/2019	More information from: irecord.org.uk/record-details?occurrence_id=22110229	2	2
SJ45008620	St Nicholas Churchyard, Church Road, Halewood, Liverpool, Merseyside, Huyton-With-Roby	Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal		23/02/2016	More information from: irecord.org.uk/record-details?occurrence_id=7571652	2	2
SJ45178635	Court Farm Woods, Court Avenue, Halewood Village, Halewood, Liverpool, Merseyside	Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal		25/02/2019	More information from: irecord.org.uk/record-details?occurrence_id=18546022	2	2
SJ45178635	Court Farm Woods, Court Avenue, Halewood Village, Halewood, Liverpool,	Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal		25/02/2019	More information from: irecord.org.uk/record-details?occurrence_id=12	2	2

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	Merseyside, Huyton-With-Roby						741522		
SJ45188671	Cartbridge Lane Woods, Huyton-With-Roby	Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal	1 Count	14/09/2012		2	29
SJ45218628	Court Avenue, Liverpool, Merseyside L26 6LD, Knowsley	Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal		02/09/2014	More information from: irecord.org.uk/record-details?occurrence_id=7694874	2	2
SJ4522586255	Court Farm Woods, Court Avenue, Halewood, Merseyside, Huyton-With-Roby	Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal		25/02/2019	on ground. https://www.inaturalist.org/observations/20802977	2	12
SJ45238625	Court Farm Wood, Halewood, Liverpool, Merseyside, Huyton-With-Roby	Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal		22/05/2018	More information from: irecord.org.uk/record-details?occurrence_id=7713705	2	2
SJ4528586287	Court Farm Woods, Court Avenue, Halewood, Merseyside, Huyton-With-Roby	Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal		25/02/2019	climbing tree. https://www.inaturalist.org/observations/20802937	2	12
SJ45288660	Cartbridge Lane Woods, Huyton-With-Roby	Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal	1 Count	14/09/2012		2	29
SJ45308625	Court Farm Wood, Pond, Huyton-With-Roby	Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal	1 Count	27/03/2017		2	7
SJ45318628	Court Avenue, Liverpool, Merseyside L26 6LD, Knowsley	Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal		02/09/2014	More information from: irecord.org.uk/record-details?occurrence_id=7694884	2	2
SJ4586	Tarbock Hall Farm	Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal	Present Count	04/01/2014		0	15
SJ4587		Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal	Present Count	03/06/2012		2	69
SJ4587		Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal	Present Count	08/07/2012		2	69
SJ4587		Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal	Present Count	14/04/2013		2	69
SJ45958807	Ox Lane, Tarbock, Liverpool, Merseyside, Huyton-With-Roby	Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal		22/03/2015	More information from: irecord.org.uk/record-details?occurrence_id=7589986	2	2
SJ461883	Tarbock Hall, Prescot	Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal	2 Count of Present	01/04/2004		2	5
SJ461883	Tarbock Hall Farm	Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal	1 Count of Present	25/06/1999		2	5
SJ461883	Tarbock Hall, Prescot	Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal	numerous Count of Present	June 1999		2	5
SJ46618931	Strettles Bog, Huyton-With-	Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal	2 Count	24/03/2017		2	7

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SJ468888	dacres bridge lane/cronton, South Lancashire	Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal	Present Count	28/08/2011		2	68
SJ477865	Hockenhull Platts and river Gowy SJ46S, South Lancashire	Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal	1 Count	01/02/2017	"[ireckeyiBRC4469605] [Source - iRecord iR	2	58
SJ477865	Hockenhull Platts and river Gowy SJ46S, South Lancashire	Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal	2 Count	18/12/2016	"[ireckeyiBRC4368421] [Source - iRecord iR	2	58
SJ477865	Hockenhull Platts and river Gowy SJ46S, South Lancashire	Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal	1 Count	24/07/2016	"[ireckeyiBRC3731899] [Source - iRecord iR	2	58
SJ4886	Site name unavailable	Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal	Present Count	01/01/2010		2	22
SJ4886		Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal	Present Count	13/06/2010		2	22
SJ4888	Widnes, UK	Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal		27/12/2021	More information from: irecord.org.uk/record- details?occurrence_id=23 370506	2	2
SJ4489	Between junction 5 and 6 of M62 (closer to junction 6) - eastbound carriageway	Eurasian Badger	<i>Meles meles</i>	terrestrial mammal	1 Count	19/02/2015	www.merseysidebiobank. org.uk/online1.aspx?c onfig=MBBGeneral	0	20
SJ4587	Tarbock	Eurasian Badger	<i>Meles meles</i>	terrestrial mammal	Present Count of Signs	30/01/2016	latrine	2	56
SJ4588	Tarbock	Eurasian Badger	<i>Meles meles</i>	terrestrial mammal	Present Count of Sett	30/01/2016	6 hole sett	2	56
SJ4688	Tarbock	Eurasian Badger	<i>Meles meles</i>	terrestrial mammal	Present Count of Sett	30/01/2016	6 hole sett	2	56
SJ4642588641	Tarbock	Eurasian Otter	<i>Lutra lutra</i>	terrestrial mammal	Present Count of Signs	January 2017	spraint on river banking	2	56
SJ476865	Hockenhull Platts and river Gowy SJ46S, South Lancashire	Eurasian Otter	<i>Lutra lutra</i>	terrestrial mammal	1 Count	04/01/2017	"[ireckeyiBRC4408761] [Source - iRecord i	2	58
SJ476865	Hockenhull Platts and river Gowy SJ46S, South Lancashire	Eurasian Otter	<i>Lutra lutra</i>	terrestrial mammal	1 Count	04/12/2016	"[ireckeyiBRC4350540] [Source - iRecord i	2	58
SJ476865	Hockenhull Platts and river Gowy SJ46S, South Lancashire	Eurasian Otter	<i>Lutra lutra</i>	terrestrial mammal	1 Count	05/08/2016	"[ireckeyiBRC3810744] [Source - iRecord i	2	58
SJ476865	Hockenhull Platts and river Gowy SJ46S, South Lancashire	Eurasian Otter	<i>Lutra lutra</i>	terrestrial mammal	1 Count	10/01/2017	"[ireckeyiBRC4420696] [Source - iRecord i	2	58
SJ476865	Hockenhull Platts and river Gowy SJ46S, South Lancashire	Eurasian Otter	<i>Lutra lutra</i>	terrestrial mammal	1 Count	13/01/2017	"[ireckeyiBRC4426190] [Source - iRecord i	2	58

SJ476865	Hockenhull Platts SJ46S, South Lancashire	Eurasian Otter	<i>Lutra lutra</i>	terrestrial mammal	1 Count	13/02/2015	"[ireckeyiBRC1688241] [Source - iRecord i	2	58
SJ476865	Hockenhull Platts and river Gowy SJ46S, South Lancashire	Eurasian Otter	<i>Lutra lutra</i>	terrestrial mammal	1 Count	13/11/2016	"[ireckeyiBRC4308884] [Source - iRecord i	2	58
SJ476865	Hockenhull Platts and river Gowy SJ46S, South Lancashire	Eurasian Otter	<i>Lutra lutra</i>	terrestrial mammal	1 Count	14/05/2016	"[ireckeyiBRC4323905] [Source - iRecord i	2	58
SJ476865	Hockenhull Platts and river Gowy SJ46S, South Lancashire	Eurasian Otter	<i>Lutra lutra</i>	terrestrial mammal	1 Count	15/02/2017	"[ireckeyiBRC4498389] [Source - iRecord i	2	58
SJ476865	Hockenhull Platts and river Gowy SJ46S, South Lancashire	Eurasian Otter	<i>Lutra lutra</i>	terrestrial mammal	1 Count	15/10/2016	"[ireckeyiBRC4303926] [Source - iRecord i	2	58
SJ476865	Hockenhull Platts and river Gowy SJ46S, South Lancashire	Eurasian Otter	<i>Lutra lutra</i>	terrestrial mammal	1 Count	17/01/2017	"[ireckeyiBRC4436494] [Source - iRecord i	2	58
SJ476865	Hockenhull Platts and river Gowy SJ46S, South Lancashire	Eurasian Otter	<i>Lutra lutra</i>	terrestrial mammal	1 Count	17/09/2016	"[ireckeyiBRC4310812] [Source - iRecord i	2	58
SJ476865	Hockenhull Platts and river Gowy SJ46S, South Lancashire	Eurasian Otter	<i>Lutra lutra</i>	terrestrial mammal	1 Count	18/11/2016	"[ireckeyiBRC4310678] [Source - iRecord i	2	58
SJ476865	Hockenhull Platts SJ46S, South Lancashire	Eurasian Otter	<i>Lutra lutra</i>	terrestrial mammal	1 Count	20/02/2015	"[ireckeyiBRC1701141] [Source - iRecord i	2	58
SJ476865	Hockenhull Platts and river Gowy SJ46S, South Lancashire	Eurasian Otter	<i>Lutra lutra</i>	terrestrial mammal	1 Count	24/11/2016	"[ireckeyiBRC4323903] [Source - iRecord i	2	58
SJ476865	Hockenhull Platts and river Gowy SJ46S, South Lancashire	Eurasian Otter	<i>Lutra lutra</i>	terrestrial mammal	1 Count	30/10/2016	"[ireckeyiBRC4261982] [Source - iRecord i	2	58
SJ479865	Hockenhull Platts and river Gowy SJ46S, South Lancashire	Eurasian Otter	<i>Lutra lutra</i>	terrestrial mammal	1 Count	19/02/2017	"[ireckeyiBRC4505445] [Source - iRecord i	2	58
SJ4487		Eurasian Red Squirrel	<i>Sciurus vulgaris</i>	terrestrial mammal	Present Count	29/05/2008		0	22
SJ449875		Eurasian Red Squirrel	<i>Sciurus vulgaris</i>	terrestrial mammal	1 Count	29/05/2008		2	65
SJ445875	Netherley Brook Tributary, Cross Farm Junior	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal		2000		2	70
SJ445875	Netherly Brook tributary Cross farm Junior	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	2000		2	5
SJ445875	Netherley Brook Tributary, Cross Farm Junior	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Probable breeding	22/09/2000	1 possible sighting, 14 latrines, 5 burrows, pathways, feeding remains \26 lawns	2	65

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SJ445875	River Ditton, Netherley Brook, Cross Farm Junior	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal		May 2000 - October 2000	500m of every 2km of the linear watercourses were surveyed.	2	5
SJ447888	Netherley Brook, Huyton Effluent Works	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal		1999		2	70
SJ451879	Mill Brook, boundary of Liverpool, Knowsley	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal		1998		2	70
SJ451879	Mill Brook, boundary of Liverpool, Knowsley	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	2 Count of Adult	26/05/1998		2	65
SJ453871	Foxhill Farm: Netherley Brook Tributary	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	Present Count	16/08/2000	signs of pollution, disturbance from cattle \26 low water level resulting in dry patches.	2	65
SJ453871	Foxhill Farm: Netherley Brook Tributary	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal		2000		2	70
SJ453880	Mill Brook	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	20/04/2011		2	72
SJ453881	Netherley Brook	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal		1999		2	70
SJ453881	Netherley Brook	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Probable breeding	December 1999	1 adult seen	2	65
SJ453881	Netherley Brook	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Probable breeding	December 1999	1 adult seen	2	21
SJ45498687	Thicket and ditches near Netherley Brook	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	11/03/2018		2	7
SJ455871	Tributary of Ditton Brook	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal		1999		2	70
SJ455871	Netherley brook	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	2000		2	5
SJ455871	Tributary of Ditton Brook	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Probable breeding	December 1999	2 adults seen	2	65
SJ455872	Netherley Brook, Winster Drive	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Probable breeding	14/06/2000	2 latrines, 17 burrows	2	65
SJ455872	Netherley Brook, Winster Drive	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal		2000		2	70
SJ455872	River Ditton, Netherley Brook, Winster Drive	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal		May 2000 - October 2000	500m of every 2km of the linear watercourses were surveyed.	2	5
SJ458882	Tarbock Green, UK	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	Present Count	07/03/2021	Multiple burrows along brook, footprints and latrines. https://www.inaturalist.org/observations/70845392	0	6
SJ4594388188	Tarbock	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	Present Count of Signs	30/01/2016	burrows and prints	2	56
SJ460881	End of Dog Clog Brook/Ochre Brook to west of	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Adult	25/05/2011		2	71

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	site								
SJ4617588636	Tarbock	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	Present Count of Signs	19/02/2016	holes in flooded ditch	2	56
SJ4617588636	Tarbock	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	Present Count of Signs	19/02/2016	holes in flooded ditch	2	56
SJ461883	Tarbock Hall, Prescot	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	good number Count of Burrow; numerous Count of Signs	01/04/2004	Good number of burrows, gnawings, footprints, characteristic plop sound heard often.	2	5
SJ461883	Tarbock Hall Farm	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	25/06/1999		2	5
SJ461883	Tarbock Hall, Prescot	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Signs	June 1999	Signs of Water Voles along brooks however not known if still occupied.	2	5
SJ4624788070	End of Dog Clog Brook/Ochre Brook to west of site	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	25/05/2011	Feeding and Burrow.	2	71
SJ4626388063	End of Dog Clog Brook/Ochre Brook to west of site	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	25/05/2011	Feeding and Burrow.	2	71
SJ462873	Tarbock Green Ditch, Brick Wall Inn	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal		2000		2	70
SJ462873	Tarbock Green Ditch Brick Wall Inn	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	2000		2	5
SJ4629788050	End of Dog Clog Brook/Ochre Brook to west of site	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	25/05/2011	Feeding.	2	71
SJ4629788052	End of Dog Clog Brook/Ochre Brook to west of site	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	25/05/2011	Feeding and Burrow.	2	71
SJ4629888049	End of Dog Clog Brook/Ochre Brook to west of site	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	25/05/2011	Feeding.	2	71
SJ4629988050	End of Dog Clog Brook/Ochre Brook to west of site	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	25/05/2011	Latrine.	2	71
SJ4630388050	End of Dog Clog Brook/Ochre Brook to west of site	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	25/05/2011	Feeding and Latrine.	2	71
SJ4630688051	End of Dog Clog Brook/Ochre Brook to west of site	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	25/05/2011	Feeding.	2	71
SJ4630788048	End of Dog Clog Brook/Ochre Brook to west of site	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	25/05/2011	Feeding.	2	71

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SJ4630888050	End of Dog Clog Brook/Ochre Brook to west of site	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	25/05/2011	Feeding and Latrine.	2	71
SJ4631388047	End of Dog Clog Brook/Ochre Brook to west of site	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	25/05/2011	Feeding and Latrine.	2	71
SJ4634088043	End of Dog Clog Brook/Ochre Brook to west of site	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	25/05/2011	Feeding.	2	71
SJ4634388042	End of Dog Clog Brook/Ochre Brook to west of site	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	25/05/2011	Latrine.	2	71
SJ4635788037	Off site - to the east	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	28/07/2011	Latrine.	2	71
SJ4635988035	Off site - to the east	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	28/07/2011	Latrine.	2	71
SJ4636388034	Off site - to the east	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	28/07/2011	Latrine.	2	71
SJ4636788032	Off site - to the east	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	28/07/2011	Latrine.	2	71
SJ4637488030	Off site - to the east	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	28/07/2011	Feeding and Latrine.	2	71
SJ4637688029	Off site - to the east	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	28/07/2011	Latrine.	2	71
SJ4638388023	Off site - to the east	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	28/07/2011	Feeding and Latrine.	2	71
SJ4638588022	Off site - to the east	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	28/07/2011	Latrine.	2	71
SJ463883	Ochre Brook w of A5300	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Burrow	20/09/1998	Many holes in river bank, rats were observed but holes appeared characteristic of Water Voles.	2	5
SJ463883	Ochre brook w. of A5300	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	2000		2	5
SJ4638888017	Off site - to the east	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	28/07/2011	Latrine.	2	71
SJ4639088014	Off site - to the east	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	28/07/2011	Latrine.	2	71
SJ4639488011	Off site - to the east	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	28/07/2011	Feeding and Latrine.	2	71
SJ4640088006	Off site - to the east	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	28/07/2011	Latrine.	2	71
SJ4640588003	Off site - to the east	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	28/07/2011	Feeding.	2	71
SJ4641088004	Off site - to the east	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	28/07/2011	Latrine.	2	71
SJ4641288003	Off site - to the east	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	28/07/2011	Feeding.	2	71
SJ4641488004	Off site - to the east	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	28/07/2011	Latrine and Feeding.	2	71
SJ4642188004	Off site - to the east	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	28/07/2011	Latrine and Feeding.	2	71

SJ4643588003	Off site - to the east	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	28/07/2011	Latrine.	2	71
SJ4643988002	Off site - to the east	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	28/07/2011	Latrine.	2	71
SJ4646388002	Off site - to the east	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	28/07/2011	Feeding.	2	71
SJ4646888002	Off site - to the east	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	28/07/2011	Latrine.	2	71
SJ4647288002	Off site - to the east	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	28/07/2011	Feeding.	2	71
SJ4647388002	Off site - to the east	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	28/07/2011	Latrine.	2	71
SJ464885	Ochre Brook	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Probable breeding	06/07/2000	18 latrines, 6 burrows	2	65
SJ464885	Ochre Brook	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal		2000		2	70
SJ464885	River Ditton, Ochre Brook, Ox Lane	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal		May 2000 - October 2000	500m of every 2km of the linear watercourses were surveyed.	2	5
SJ4650187997	Off site - to the east	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	28/07/2011	Latrine.	2	71
SJ4651287995	Off site - to the east	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	28/07/2011	Latrine.	2	71
SJ4651887995	Off site - to the east	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	28/07/2011	Latrine.	2	71
SJ4652187994	Off site - to the east	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	28/07/2011	Latrine.	2	71
SJ4653387989	Off site - to the east	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	28/07/2011	Latrine.	2	71
SJ4653787987	Off site - to the east	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	28/07/2011	Feeding and Latrine.	2	71
SJ4654187986	Off site - to the east	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	28/07/2011	Feeding.	2	71
SJ4657487983	Off site - to the east	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	28/07/2011	Latrine.	2	71
SJ465880	Dog Clog Brook, Water Lane Bridge	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal		2000		2	70
SJ465880	Gog Clog Brook Water Lane Bridge	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	2000		2	5
SJ465880	River Ditton, Dog Clog Brook, Water Lane Bridge	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal		May 2000 - October 2000	500m of every 2km of the linear watercourses were surveyed.	2	5
SJ467856	Ditton Brook, Brook House Farm	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal		2000		2	70
SJ468894	The Old Wood south	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	1989		2	5
SJ469878	Water Lane Farm	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	24/03/2006	Evidence of activity.	2	73
SJ47068779	Dog Clog Brook - Water Lane	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	05/10/2010	Bank had recently been cleared of vegetation, which remained on the banks. Himalayan	2	74

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							Balsam and Japanese Knotweed present.		
SJ47068779	Dog Clog Brook - Water Lane	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	05/10/2010	Footprints, pathways in vegetation, feeding remains (Sedges).	2	70
SJ470878	Dog Clog Brook, Huyton-With-Roby	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	05/09/2010	Latrines, Burrows and Tracks found, looks to be managed by EA	2	29
SJ470880	Cronton	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	1989		2	5
SJ471891	Mine Waste Cronton	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	1989		2	5
SJ472892	Fox s Bank Brook, Cronton Colliery	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal		2000		2	70
SJ473874	Tarbock Green Ditch, Cross Hillocks Lane	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Probable breeding	20/09/2000	sighting, 3 latrines, 28 burrows, pathways \26 feeding remains	2	65
SJ473874	Tarbock Green Ditch, Cross Hillocks Lane	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal		2000		2	70
SJ473874	River Ditton, Tarbock Green Ditch, Cross Hillocks Lane	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal		May 2000 - October 2000	500m of every 2km of the linear watercourses were surveyed.	2	5
SJ4766787820	Dog Clog Brook, Stockwell Road	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count	29/01/2008		2	16
SJ476878	Dog Clog Brook, Stockwell Road	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count; 12 Count of Burrow; common Count of Signs	07/09/2006		2	16
SJ476878	Dog Clog Brook culvert, Stockwell Rd	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	2 Count of Signs; 9 Count of Burrow	29/01/2008	Evidence of Water Voles to east of Dog Clog bridge: 9 Burrows and 2 sets of footprints.	2	5
SJ4789	Fox's Bank Brook	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Burrow	August 2008	Active burrows.	2	9
SJ479878	Dog Clog Brook, Dog Clog Bridge	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Probable breeding	12/07/2000	3 latrines, 20 burrows, pathways, feeding remains \26 lawns	2	65
SJ479878	Dog Clog Brook, Dog Clog Bridge	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal		2000		2	70
SJ479878	Dog Clog Brook Dog Clog Bridge	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	1 Count of Present	2000		2	5
SJ479878	River Ditton, Dog Clog Brook, Dog Clog Bridge	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal		May 2000 - October 2000	500m of every 2km of the linear watercourses were surveyed.	2	5
SJ4589	Tarbock	Feral Ferret	<i>Mustela putorius subsp. furo</i>	terrestrial mammal		02/03/1993	Found dead. Record from dead specimens at museum.	2	75

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SJ460876	Brewery House, Netherly Road, Tarbock	Myotis Bat species	<i>Myotis</i>	terrestrial mammal	1 Count; 1 Count of in flight	24/07/2007		2	5
SJ453876	Tarbock, Greensbridge Farm	Noctule Bat	<i>Nyctalus noctula</i>	terrestrial mammal		15/09/1988		2	55
SJ453876	Merseyside, Tarbock, Greensbridge Farm	Noctule Bat	<i>Nyctalus noctula</i>	terrestrial mammal	<1 Count of in flight	15/09/1988	Bats flying along the hedge at greensbridge farm, several were large (perhaps noctules), one was smaller. They appeared from the north and flew along the hedge between the 2 fields and near the brook	2	76
SJ453876	Ditton Brook, Tarbock/Netherley, Liverpool, Merseyside.	Noctule Bat	<i>Nyctalus noctula</i>	terrestrial mammal		30/08/1988		2	76
SJ45448656	# Lightoaks Drive, Halewood	Noctule Bat	<i>Nyctalus noctula</i>	terrestrial mammal	2 Count	29/06/2018		0	7
SJ4572788771	Tarbock	Noctule Bat	<i>Nyctalus noctula</i>	terrestrial mammal	Present Count of Roost	28/05/2016	emerged from roost in woodland at dusk	2	56
SJ4572788771	Tarbock	Noctule Bat	<i>Nyctalus noctula</i>	terrestrial mammal	1 Count of Roost	28/05/2016	emerged from roost in woodland at dusk	2	56
SJ457876	Farm, Greensbridge Lane, Tarbock, Liverpool, Merseyside.	Noctule Bat	<i>Nyctalus noctula</i>	terrestrial mammal		30/08/1988		2	76
SJ4789	Cronton Colliery	Noctule Bat	<i>Nyctalus noctula</i>	terrestrial mammal		August 2003	Encountered over the semi improved grassland in the South west corner and in the central grassland region.	2	37
SJ45438655	# Lightoaks Drive, Halewood	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	2 Count	29/06/2018		0	7
SJ457894	Bass Site Huyton	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	1 Count of feeding	July 1999	2 Pipistrelle recorded hunting over the site however appeared at 3/4 hour after dusk and stayed for 10 mins suggesting they had come from further afield.	2	5
SJ460876	Brewery House, Netherly Road, Tarbock	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	4 Count	25/07/2007		2	5
SJ461883	Tarbock Hall Farm	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	1 Count of Present	25/06/1999		2	5
SJ461883	Tarbock Hall, Shippon Barn, Ox Lane	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	several Count of feeding	June 1999	Several observed hunting around the farmyard, the hedgerows and inside the metal barns.	2	5

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SJ466891	Daggers Bridge Wood - Cronton	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal		2008	? A bat probably this species has been seen flying in the wood	2	16
SJ467880	former Cottage Hospital, Clipsley Lane, Haydock, St Helens, South Lancashire	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	1 Count	02/10/2015		0	77
SJ467880	former Cottage Hospital, Clipsley Lane, Haydock, St Helens, South Lancashire	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	8 Count	03/10/2015		0	77
SJ467880	former Cottage Hospital, Clipsley Lane, Haydock, St Helens, South Lancashire	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	4 Count	04/10/2015		0	77
SJ468888	Ocre-Thorp, Dacres Bridge Lane, Knowsley	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	P Count of Roost	07/09/2012		2	4
SJ468888	Ocre-Thorp, Dacres Bridge Lane, Knowsley	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	P Count of Roost	10/10/2012		2	4
SJ476878	Dog Clog Brook, Stockwell Road	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	0 Count of Roosting; 1 Count	19/09/2006	small number heard foraging in woodland area to east of bridge, and along brook to the west.	2	16
SJ478875	Stockswell Farm	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	1 Count of Present	03/07/2009	Recorded feeding around the buildings.	2	13
SJ478876	Stockswell Farm barn, Cronton	Pipistrelle Bat species	<i>Pipistrellus</i>	terrestrial mammal	1 Count	17/10/2006	Presence of small number of bat droppings	2	16
SJ442870	North End Farm, North End Lane, Halewood, L26 5QB	Soprano Pipistrelle	<i>Pipistrellus pygmaeus</i>	terrestrial mammal	2 Count of feeding	04/07/2019	Foraging around the site generally during a dusk survey	0	66
SJ464895	Chapel Beck	Soprano Pipistrelle	<i>Pipistrellus pygmaeus</i>	terrestrial mammal		06/06/2011		2	36
SJ4789	Cronton Colliery	Soprano Pipistrelle	<i>Pipistrellus pygmaeus</i>	terrestrial mammal		August 2003	flying around the grounds of the Old hall and in the woodland areas	2	37
SJ44788833	Netherley Road, Netherley, Merseyside, Liverpool	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal		06/07/2011	More information from: irecord.org.uk/record-details?occurrence_id=7644744	2	2
SJ44788833	Netherley Road, Netherley, Liverpool, Merseyside, Liverpool	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal		06/07/2011	More information from: irecord.org.uk/record-details?occurrence_id=7643684	2	2
SJ44788833	Netherley Road, Netherley, Merseyside, South Lancashire	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	1 Count of dead	06/07/2011		2	8
SJ44788833	Netherley Road, Netherley,	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	1 Dead Count of Adult	06/07/2011	dead on road	2	81

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	Merseyside, South Lancashire								
SJ4487		West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	Present Count	01/01/2005		2	22
SJ4489		West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	Present Count	01/01/2006		2	22
SJ4489		West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	Present Count	01/01/2013		2	22
SJ4489		West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	Present Count	01/01/2014		2	22
SJ4514886609	Liverpool L26 4XG, UK	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal		04/07/2019	https://www.inaturalist.org/observations/28191481	2	12
SJ4515386022	Church road	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	Present Count	21/07/2021	Alive	0	78
SJ451866	Liverpool L26 4XG, UK	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal		04/07/2019	More information from: irecord.org.uk/record-details?occurrence_id=10885237	2	2
SJ45188633	Wellbank Drive, Halewood, Merseyside, Knowsley	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal		25/04/2015	More information from: irecord.org.uk/record-details?occurrence_id=7698925	2	2
SJ4521186588	Goddard Chase, Liverpool L26, UK	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal		04/07/2019	https://www.inaturalist.org/observations/28200507	2	12
SJ45218658	Goddard Chase, Liverpool L26, UK	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal		04/07/2019	More information from: irecord.org.uk/record-details?occurrence_id=10885364	2	2
SJ452891	M62 Huyton	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal		20/04/2018	More information from: irecord.org.uk/record-details?occurrence_id=6701385	2	2
SJ45348638	Court Farm Woods, Liverpool L26, UK	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal		31/08/2020	More information from: irecord.org.uk/record-details?occurrence_id=22428317	2	2
SJ453863	Court Farm Woods, Liverpool L26, UK	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	Present Count	31/08/2020	https://www.inaturalist.org/observations/58170718	0	6
SJ4547386140	Tavington Rd	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	Present Count	08/05/2019	Alive	0	78
SJ4549986170	Greensbridge Lane Halewood Merseyside	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	Present Count	26/06/2021	Roadkill	0	78
SJ45708633	Greensbridge Lane, Halewood	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	1 Count	30/08/2018		2	7
SJ45808913	Roscoe's Wood	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	1 Count	04/07/2012	Roadkill.	2	79
SJ45828914	Roscoe's Wood, Huyton-With-Roby	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	2 Count of dead	09/07/2012		2	29

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SJ45838914	Roscoe's Wood, Huyton-With-Roby	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	1 Count of dead	19/04/2011		2	29
SJ4587		West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	Present Count	06/10/2013		2	69
SJ4587		West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	Present Count	10/08/2014		2	69
SJ4587		West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	Present Count	12/10/2014		2	69
SJ4587		West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	Present Count	22/04/2012		2	69
SJ4587		West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	Present Count	30/11/2014		2	69
SJ45878914	Roscoe's Wood	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	1 Count	12/07/2012	Roadkill.	2	79
SJ460882	Tarbock Hall/ Ox Lane	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	1 Count	05/05/2003		2	80
SJ4613189315	M62	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	Present Count	16/10/2018	Alive	0	78
SJ4613189315	Tarbock, Liverpool	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	Present Count	2019	Alive	2	78
SJ4613189315	Tarbock, Liverpool	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	Present Count	2019	Alive	2	78
SJ461883	Tarbock Hall, Prescot	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	1 Count of Droppings	01/04/2004		2	5
SJ463896	Knowsley	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal		01/07/2014	More information from: irecord.org.uk/record- details?occurrence_id=1249278	0	2
SJ463896	Knowsley	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	Present Count	01/07/2014		2	22
SJ463896	Rainhill, Merseyside	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	1 Count of dead	01/07/2014	Field observation. Juvenile on road,	2	61
SJ46468762	Water Lane, Prescot, Liverpool, Merseyside, Huyton-With-Roby	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal		17/06/2016	More information from: irecord.org.uk/record- details?occurrence_id=7573395	2	2
SJ4654087319	Netherley Rd	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	Present Count	10/05/2019	Roadkill	0	78
SJ4657189266	Tarbock Roundabout	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	Present Count	11/10/2019	Roadkill	0	78
SJ4669188319	Knowsley Express Way	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	Present Count	20/05/2021	Roadkill	0	78
SJ4689		West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	Present Count	01/01/2014		2	22
SJ4731286792	A5300 Knowsley Express Way Tarbock Green	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	Present Count	09/05/2021	Roadkill	0	78
SJ4731386676	Knowsley Expy	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	Present Count	25/05/2019	Roadkill	0	78
SJ4738586275	Knowsley Expy	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	Present Count	12/07/2019	Roadkill	0	78
SJ4888		West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	Present Count	01/01/2013		2	22
SJ4888	Penny Lane, Widnes,	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal		23/07/2015	More information from:	2	2

	England, GB						irecord.org.uk/record-details?occurrence_id=22646222		
SJ4789	Cronton Colliery	Whiskered/Brandt's Bat	<i>Myotis mystacinus/brandtii</i>	terrestrial mammal		August 2003	Could not tell which one of the 2 species this was by the echo-location call in the locality of the Old Hall.	2	37

The following **NEGATIVE RECORDS** were found within the search area. Negative records show where particular species were actively searched for but no evidence of them was found. Negative records do not prove absence. Negative records may be contradicted by positive records. The source for all negative records in the Merseyside BioBank database.

GridRef	Location Name	Common Name	Scientific Name	Group	Abundance or Status	Date	Comment	Source
SJ45858871	Tarbock Green, Knowsley, Pond 7: shaded shallow pond at the western edge of shaded ditch	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	12/05/2010	ABSENT. bottled, 20 bottles used. ARGSL dataset (March 2014 update). xchange - ARGSL	1
SJ45638750	Dale farm	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	11/12/2009	No evidence found.	13
SJ45728920	Land at Cronton road	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	29/08/2008	Pond not suitable.	13
SJ471888	Cronton Quarry	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	31/05/2007-03/07/2007	No evidence found.	82
SJ45538898	Tarbock Green, Knowsley, Pond 2: east of Whitefield Lane	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	19/05/2010	ABSENT. bottled, 10 bottles used. ARGSL dataset (March 2014 update). xchange - ARGSL	1
SJ457894	Bass Site Huyton	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	July 1999	No evidence of Great Crested Newts.	5
SJ45688737	Dale farm	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	11/12/2009	No evidence found.	13
SJ45608785	Dale farm	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	11/12/2009	No evidence found.	13
SJ45918883	Tarbock Green, Knowsley, Pond 3: shaded pond in centre of field	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	12/05/2010	ABSENT. bottled, 30 bottles used. ARGSL dataset (March 2014 update). xchange - ARGSL	1
SJ45918883	Tarbock Green, Knowsley, Pond 3: shaded pond in centre of field	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	04/05/2010	ABSENT. bottled, 30 bottles used. ARGSL dataset (March 2014 update). xchange - ARGSL	1
SJ46168847	Tarbock Green, Knowsley, Pond 4: large open pond to west of Ox Lane, nearest to Tarbock Hall	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	04/05/2010	ABSENT. bottled, 20 bottles used. ARGSL dataset (March 2014 update). xchange - ARGSL	1
SJ46168847	Tarbock Green, Knowsley, Pond 4: large open pond to west of Ox Lane, nearest to Tarbock Hall	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	26/05/2010	ABSENT. bottled, 20 bottles used. ARGSL dataset (March 2014 update). xchange - ARGSL	1

SJ46038747	Dale farm	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	11/12/2009	No evidence found.	13
SJ45858871	Tarbock Green, Knowsley, Pond 7: shaded shallow pond at the western edge of shaded ditch	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	04/05/2010	ABSENT. bottled, 20 bottles used. ARGSL dataset (March 2014 update). xchange - ARGSL	1
SJ45858871	Tarbock Green, Knowsley, Pond 7: shaded shallow pond at the western edge of shaded ditch	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	26/05/2010	ABSENT. bottled, 20 bottles used. ARGSL dataset (March 2014 update). xchange - ARGSL	1
SJ470892	Cronton Colliery Lagoons	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	March 2003 - July 2003		5
SJ45918883	Tarbock Green, Knowsley, Pond 3: shaded pond in centre of field	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	19/05/2010	ABSENT. bottled, 30 bottles used. ARGSL dataset (March 2014 update). xchange - ARGSL	1
SJ45918883	Tarbock Green, Knowsley, Pond 3: shaded pond in centre of field	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	14/05/2010	ABSENT. bottled, 30 bottles used. ARGSL dataset (March 2014 update). xchange - ARGSL	1
SJ46188862	Tarbock Green, Knowsley, Pond 5: heavily shaded pond to west of Ox Lane	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	04/05/2010	ABSENT. bottled, 10 bottles used. ARGSL dataset (March 2014 update). xchange - ARGSL	1
SJ46168847	Tarbock Green, Knowsley, Pond 4: large open pond to west of Ox Lane, nearest to Tarbock Hall	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	14/06/2010	ABSENT. bottled, 20 bottles used; perch seen. ARGSL dataset (March 2014 update). xchange - ARGSL	1
SJ47058930	Tarbock Green, Knowsley, Pond 9: small test hole excavated by JCB and filled with water	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	30/05/2010	ABSENT. Visual, pond dry. ARGSL dataset (March 2014 update). xchange - ARGSL	1
SJ47058930	Tarbock Green, Knowsley, Pond 9: small test hole excavated by JCB and filled with water	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	07/06/2010	ABSENT. Visual, pond dry. ARGSL dataset (March 2014 update). xchange - ARGSL	1
SJ45858871	Tarbock Green, Knowsley, Pond 7: shaded shallow pond at the western edge of shaded ditch	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	19/05/2010	ABSENT. bottled, 20 bottles used. ARGSL dataset (March 2014 update). xchange - ARGSL	1
SJ45858871	Tarbock Green, Knowsley, Pond 7: shaded shallow pond at the western edge of shaded ditch	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	14/06/2010	ABSENT. bottled, 20 bottles used. ARGSL dataset (March 2014 update). xchange - ARGSL	1
SJ45858871	Tarbock Green, Knowsley, Pond 7: shaded shallow pond at the western edge of shaded ditch	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	07/06/2010	ABSENT. bottled, 20 bottles used. ARGSL dataset (March 2014 update). xchange - ARGSL	1
SJ47058930	Tarbock Green, Knowsley, Pond 9: small test hole excavated by JCB and filled with water	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	23/05/2010	ABSENT. bottled, 5 bottles used. ARGSL dataset (March 2014 update). xchange - ARGSL	1
SJ47058930	Tarbock Green, Knowsley, Pond 9: small test hole excavated by JCB and filled with water	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	16/05/2010	ABSENT. bottled, 5 bottles used. ARGSL dataset (March 2014 update). xchange - ARGSL	1
SJ46068736	Dale farm	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	11/12/2009	No evidence found.	13

SJ45778779	Dale farm	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	11/12/2009	No evidence found.	13
SJ4617588631	Pond 2, Tarbock Hall, Tarbock	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	09/05/2004-04/06/2004	No evidence of Great Crested Newts.	5
SJ4590188734	Pond 3, Tarbock Hall, Tarbock	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	09/05/2004-04/06/2004	No evidence of GC Newts,	5
SJ46368961	Windy Arbor, Knowsley, Pond 12: small heavily shaded pool within woodland	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	07/06/2010	ABSENT. Visual, pond dry. ARGSL dataset (March 2014 update). xchange - ARGSL	1
SJ46368961	Windy Arbor, Knowsley, Pond 12: small heavily shaded pool within woodland	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	14/06/2010	ABSENT. Visual, pond dry. ARGSL dataset (March 2014 update). xchange - ARGSL	1
SJ46368961	Windy Arbor, Knowsley, Pond 12: small heavily shaded pool within woodland	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	23/05/2010	ABSENT. bottled, 5 bottles used. ARGSL dataset (March 2014 update). xchange - ARGSL	1
SJ461856	Halewood Caravan Park	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	05/09/2012		4
SJ46188862	Tarbock Green, Knowsley, Pond 5: heavily shaded pond to west of Ox Lane	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	12/05/2010	ABSENT. bottled, 10 bottles used. ARGSL dataset (March 2014 update). xchange - ARGSL	1
SJ4591088809	Pond 4, Tarbock Hall, Tarbock	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	09/05/2004-04/06/2004	No evidence of GC Newts.	5
SJ470880	Cronton Claypit	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	September 2010		31
SJ45918738	Dale farm	Great Crested Newt	<i>Triturus cristatus</i>	amphibian	0 Count	11/12/2009	No evidence found.	13
SJ45758923	Land at Cronton road	Bat	<i>Chiroptera</i>	terrestrial mammal	0 Count of Roost	29/08/2008	Low roosting potential.	13
SJ461883	Tarbock Hall Farm	Bat	<i>Chiroptera</i>	terrestrial mammal	0 Count	13/03/2002	No evidence of Bat use.	5
SJ468887	Higher Park Farm, Tarbock	Bat	<i>Chiroptera</i>	terrestrial mammal	0 Count	24/08/2004	No evidence of Bats, roost potential is low.	5
SJ456893	Trees at Rose Cottage, Cronton Road	Bat	<i>Chiroptera</i>	terrestrial mammal	0 Count of Roost	26/08/2005	No evidence of Bats, no roost potential.	5
SJ461883	Tarbock Hall Dutch Barns	Bat	<i>Chiroptera</i>	terrestrial mammal	0 Count	27/06/2007	No evidence of roosting Bats.	5
SJ457894	Bass Site Huyton	Bat	<i>Chiroptera</i>	terrestrial mammal	0 Count of Roosting	July 1999	No evidence of roosting Bats, some of the larger trees may contain roosting potential for species such as Noctules however not confirmed as unable to examine larger trees.	5
SJ451868	Barn at Foxhill Farm	Bat	<i>Chiroptera</i>	terrestrial mammal	0 Count	03/08/2007	No evidence of Bats and no potential for breeding however site could be used for temporary or hibernation use. Surrounding area is of value to Bats.	5

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SJ459876	The Old Post Office, Greensbridge Lane, Tarbock	Bat	<i>Chiroptera</i>	terrestrial mammal	0 Count of Roosting	11/12/2000		5
SJ459876	Green's Bridge Farm, Tarbock	Bat	<i>Chiroptera</i>	terrestrial mammal	0 Count	06/04/2001		5
SJ469867	Cross Hillocks Farm, Tarbock	Bat	<i>Chiroptera</i>	terrestrial mammal	0 Count	09/07/1996		5
SJ471867	Cross Hillocks Farm, Nr Widnes	Bat	<i>Chiroptera</i>	terrestrial mammal	0 Count of Roost	17/11/2004	No evidence of bats. No breeding potential exists. Surrounding habitat suitable for foraging.	5
SJ456858	Heyes Farm Lower Road Halewood	Bat	<i>Chiroptera</i>	terrestrial mammal	0 Count	28/01/2005	No evidence of Bats, buildings offer very little potential to Bats but some hibernation places are present.	5
SJ466891	Adjacent Daggers Bridge Farm - Tarbock Interchange M57/A562	Bat	<i>Chiroptera</i>	terrestrial mammal	0 Count of dead; 0 Count of Roosting; 0 Count of in flight; 0 Count	11/06/1991	Area A:: Adjacent to Daggers Bridge Farm is a damp mixed deciduous woodland.	5
SJ45758936	Land at Cronton road	Bat	<i>Chiroptera</i>	terrestrial mammal	0 Count of Roost	29/08/2008	Low roosting potential.	13
SJ45818936	Land at Cronton road	Bat	<i>Chiroptera</i>	terrestrial mammal	0 Count of Roost	29/08/2008	Low roosting potential.	13
SJ46058938	Land at Cronton road	Bat	<i>Chiroptera</i>	terrestrial mammal	0 Count of Roost	29/08/2008	Low roosting potential.	13
SJ46008930	Land at Cronton road	Bat	<i>Chiroptera</i>	terrestrial mammal	0 Count of Roost	29/08/2008	Low roosting potential.	13
SJ45728933	Land at Cronton road	Bat	<i>Chiroptera</i>	terrestrial mammal	0 Count of Roost	29/08/2008	Low roosting potential.	13
SJ460876	Brewery House	Bat	<i>Chiroptera</i>	terrestrial mammal	0 Count of Roost	03/08/2011		83
SJ476878	Dog Clog Brook culvert, Stockswell Rd	Bat	<i>Chiroptera</i>	terrestrial mammal	0 Count	29/01/2008	No evidence of Bats, however some suitable roosting sites for a number of species, in particular, Daubentons.	5
SJ457876	Dale Farm	Bat	<i>Chiroptera</i>	terrestrial mammal	0 Count	06/07/2009		13
SJ443879	Coachmans Cottage	Bat	<i>Chiroptera</i>	terrestrial mammal	0 Count of Roost	13/11/2009	No signs of roosting found.	13
SJ453879	Millbridge Farm	Bat	<i>Chiroptera</i>	terrestrial mammal	0 Count of Roost	03/03/2010	No evidence of roosting found.	13
SJ468889	Daggers Bridge Farm - Tarbock Interchange M57/A562	Bat	<i>Chiroptera</i>	terrestrial mammal	0 Count of in flight; 0 Count; 0 Count of dead; 0 Count of Roosting	May 1991 - June 1991	Daggers Bridge Farm, barn and residence:: The 2 buildings have been boarded up and unoccupied for some time and were opened up for the survey.	5
SJ468888	Lodge Riding Centre - Tarbock Interchange M57/A562	Bat	<i>Chiroptera</i>	terrestrial mammal	0 Count of dead; 0 Count of Roosting; 0	May 1991 - June 1991	Daytime survey:: Lodge Riding Centre and outbuildings The	5

The Local Biodiversity Records Centre for North Merseyside

					Count of in flight; 0 Count		residents mentioned they had seldom seen bats around the area, the only record they had was for autumn 1990 when 2 bats were seen around dusk in an adjacent barn.	
SJ45698935	Land at Cronton road	Bat	<i>Chiroptera</i>	terrestrial mammal	0 Count of Roost	29/08/2008	Low roosting potential.	13
SJ45728936	Land at Cronton road	Bat	<i>Chiroptera</i>	terrestrial mammal	0 Count of Roost	29/08/2008	Low roosting potential.	13
SJ478875	Stockswell Farm	Bat	<i>Chiroptera</i>	terrestrial mammal	0 Count	03/07/2009	No roosting evidence found.	13
SJ456893	Rose Cottage, Cronton Road, Tarbock, Knowsley	Bat	<i>Chiroptera</i>	terrestrial mammal	0 Count	20/02/2003		5
SJ4766787820	Dog Clog Bridge, Stockwell Road	Bat	<i>Chiroptera</i>	terrestrial mammal	0 Count	29/01/2008		16
SJ469880	Water Lane Farm, Tarbock Green	Bat	<i>Chiroptera</i>	terrestrial mammal	0 Count	23/03/2006		5
SJ468871	Dye House Farm, Tarbock	Bat	<i>Chiroptera</i>	terrestrial mammal	0 Count of Roosting	12/02/2005		84
SJ476883	Lower House Farm	Bat	<i>Chiroptera</i>	terrestrial mammal	0 Count of Roost	12/01/2010	No evidence of roosting found.	13
SJ466891	Adjacent Daggars Bridge Farm - Tarbock Interchange M57/A562	Bat	<i>Chiroptera</i>	terrestrial mammal	0 Count of dead; 0 Count of Roosting; 0 Count of in flight; 0 Count	May 1991 - June 1991	Area A:: Adjacent to Daggars Bridge Farm is a damp mixed deciduous woodland. The canopy is largely closed and Sycamore predominates, although in some areas Oak is present up to 50%.	5
SJ460876	Brewery House, Netherly Road, Tarbock	Bat	<i>Chiroptera</i>	terrestrial mammal	0 Count of Roosting	24/07/2007	No evidence of roosting Bats.	5
SJ461856	Halewood Caravan Park	Bat	<i>Chiroptera</i>	terrestrial mammal	0 Count of Roost Potential	05/09/2012		4
SJ477884	Lower House Farm, Prescot Road, Cronton	Bat	<i>Chiroptera</i>	terrestrial mammal	0 Count	24/05/2006	no bats here.	5
SJ452863	Court Farm Wood, Halewood	Bats	<i>Vespertilionidae</i>	terrestrial mammal	0 Count of Roost	01/07/2011		19
SJ461856	Halewood Caravan Park	Eurasian Red Squirrel	<i>Sciurus vulgaris</i>	terrestrial mammal	0 Count	05/09/2012		4
SJ467856	River Ditton, Ditton Brook, Brook House Farm	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	0 Count	May 2000 - October 2000	500m of every 2km of the linear watercourses were surveyed.	5
SJ4789	Cronton colliery	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	0 Count	12/08/2003	No evidence of water vole found on the site	37
SJ4789	Cronton colliery	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	0 Count	09/11/2003	No evidence of water vole found on the site	37

SJ453871	River Ditton, Netherley Brook, Foxhill Farm	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	0 Count	May 2000 - October 2000	500m of every 2km of the linear watercourses were surveyed.	5
SJ447888	Netherley Brook, Huyton Effluent Works	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal		02/08/1999	Surveyed but no signs	21
SJ472892	River Ditton, Fox's Bank Brook, Cronton Colliery	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	0 Count	May 2000 - October 2000	500m of every 2km of the linear watercourses were surveyed.	5
SJ462873	River Ditton, Tarbock Green Ditch, Brick Wall Inn	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	0 Count	May 2000 - October 2000	500m of every 2km of the linear watercourses were surveyed.	5
SJ461856	Halewood Caravan Park	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	0 Count	05/09/2012		4
SJ471891	Mine Waste Cronton	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	0 Count	21/09/2000	No evidence of Water Voles, sup optimal habitat for the species.	5
SJ445888	Huyton Treatment Works, Coney Lane	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	0 Count	1999		5
SJ454882	Millbrook confluence, Winster Drive	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	0 Count	1999		5
SJ469880	Water Lane Farm, Tarbock Green	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	0 Count	23/03/2006	possible, see notes.	5
SJ452863	Court Farm Wood, Halewood	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	0 Count	01/07/2011		19
SJ473877	Dog Clog Brook, Footpath from Water Lane	European Water Vole	<i>Arvicola amphibius</i>	terrestrial mammal	0 Count	1999		5
SJ457894	Bass Site Huyton	Hazel Dormouse	<i>Muscardinus avellanarius</i>	terrestrial mammal	0 Count	July 1999	No evidence of Doormice.	5

Data sources/providers for the records in the table(s) above are given below. For records that are sourced from Merseyside BioBank's database, the type is 'BioBank' and the name of the dataset is given. For records that are sourced from the NBN Atlas, the type is 'NBN' and the name of the data provider is given.

Source key	Dataset or data provider	Type
1	Greater Manchester LRC Overlap	BioBank
2	iRecord - All Surveys	BioBank
3	Cheshire rECOrd Overlap	BioBank
4	Report Harvest 2013 01-03	BioBank
5	EAS Dataset	BioBank
6	iNaturalist - North Merseyside	BioBank



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Merseyside BioBank,
Estate Barn, Court Hey Park
Roby Road, Liverpool
L16 3NA
Tel: 0151 737 4150
Info@MerseysideBiobank.org.uk

7	MBB Indicia - General	BioBank
8	RODIS General Susan Marley	BioBank
9	Report Harvest 2010 04-06	BioBank
10	National Museums Liverpool	BioBank
11	RODIS General Steve McWilliam	BioBank
12	iNaturalist - Greenspace Challenge	BioBank
13	Report Harvest 2010 07-09	BioBank
14	Lancashire and Cheshire Fauna Society Herpetile Atlas	BioBank
15	Lancashire and Cheshire Fauna Society	BioBank
16	Liverpool Musuem	BioBank
17	TBS General	BioBank
18	Record Pool	BioBank
19	Report Harvest 2014	BioBank
20	MBB Online - General	BioBank
21	Lancashire Wildlife Trust Dataset	BioBank
22	NBN Gateway	BioBank
23	Peter Tipping Triturus	BioBank
24	BIRDS - LCFS Records	BioBank
25	RODIS ad hoc 2014	BioBank
26	Environment Agency	BioBank
27	Environment Agency 2011 - Fish	BioBank
28	RODIS Site Monitoring	BioBank
29	Gilbert21 Ben Deed General	BioBank
30	Report Harvest 2010 01-03	BioBank
31	Report Harvest 2011 07-09	BioBank
32	Botanical Society of Britain & Ireland	BioBank
33	Liverpool Space for Nature Report	BioBank
34	Chris Felton's Notebooks 1993-2007	BioBank
35	Gilbert21 Mark Pritchard	BioBank
36	Golder Associates General	BioBank



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37	Report Harvest 2009	BioBank
38	RODIS General Howard Harris	BioBank
39	RODIS General Chris Storey	BioBank
40	Tony Carter Fungi 2015	BioBank
41	Tony Carter Fungi 2014	BioBank
42	Tony Carter Fungi 2011	BioBank
43	Tony Carter Fungi 2012	BioBank
44	Tony Carter Fungi 2017	BioBank
45	Tony Carter Fungi 2010	BioBank
46	Tony Carter Fungi 2019	BioBank
47	Tony Carter Fungi 2013	BioBank
48	Tony Carter Fungi 2018	BioBank
49	Tom Eccles Notebooks	BioBank
50	Butterfly Conservation Butterflies	BioBank
51	British Dragonfly Society Recording Scheme	BioBank
52	Lancashire and Cheshire Fauna Society Odonata	BioBank
53	VCR Dragonflies	BioBank
54	Lancashire Moth Group	BioBank
55	Liverpool Museum Bats	BioBank
56	Daniel Foy General	BioBank
57	Bat Conservation Trust	BioBank
58	RODIS ad hoc 2019	BioBank
59	Mammal Society	BioBank
60	Brown Hare website brownhare.org.uk	BioBank
61	Tony Parker General	BioBank
62	Steve White Lunt Meadows	BioBank
63	Ad hoc 2010	BioBank
64	MBB Indicia - NW Brown Hare Project	BioBank
65	Lancashire and Cheshire Fauna Society Mammal Atlas	BioBank
66	Tyrer Ecological Consultants Ltd - Bat (Chiroptera) Dataset	BioBank



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for North Merseyside***

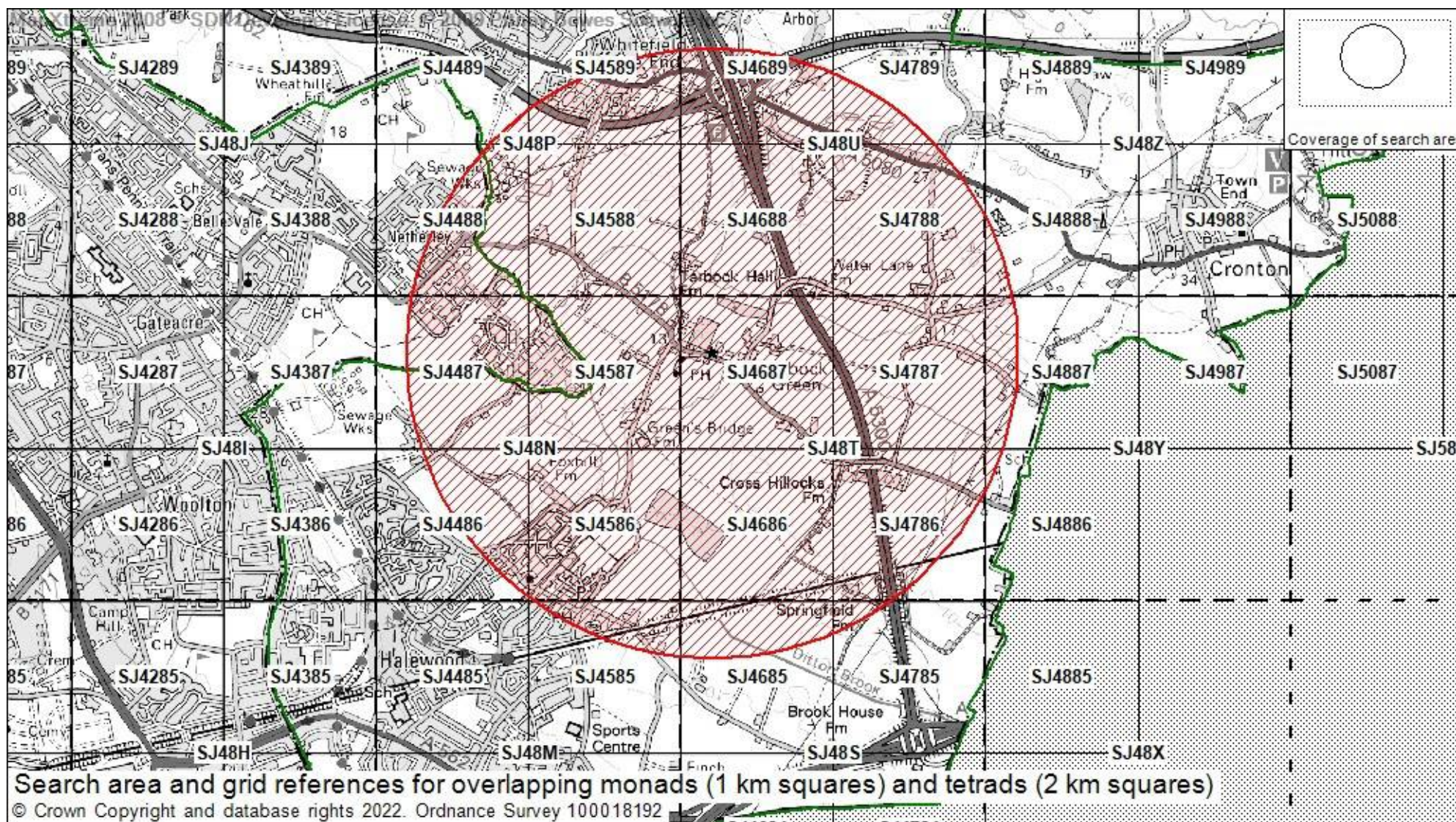
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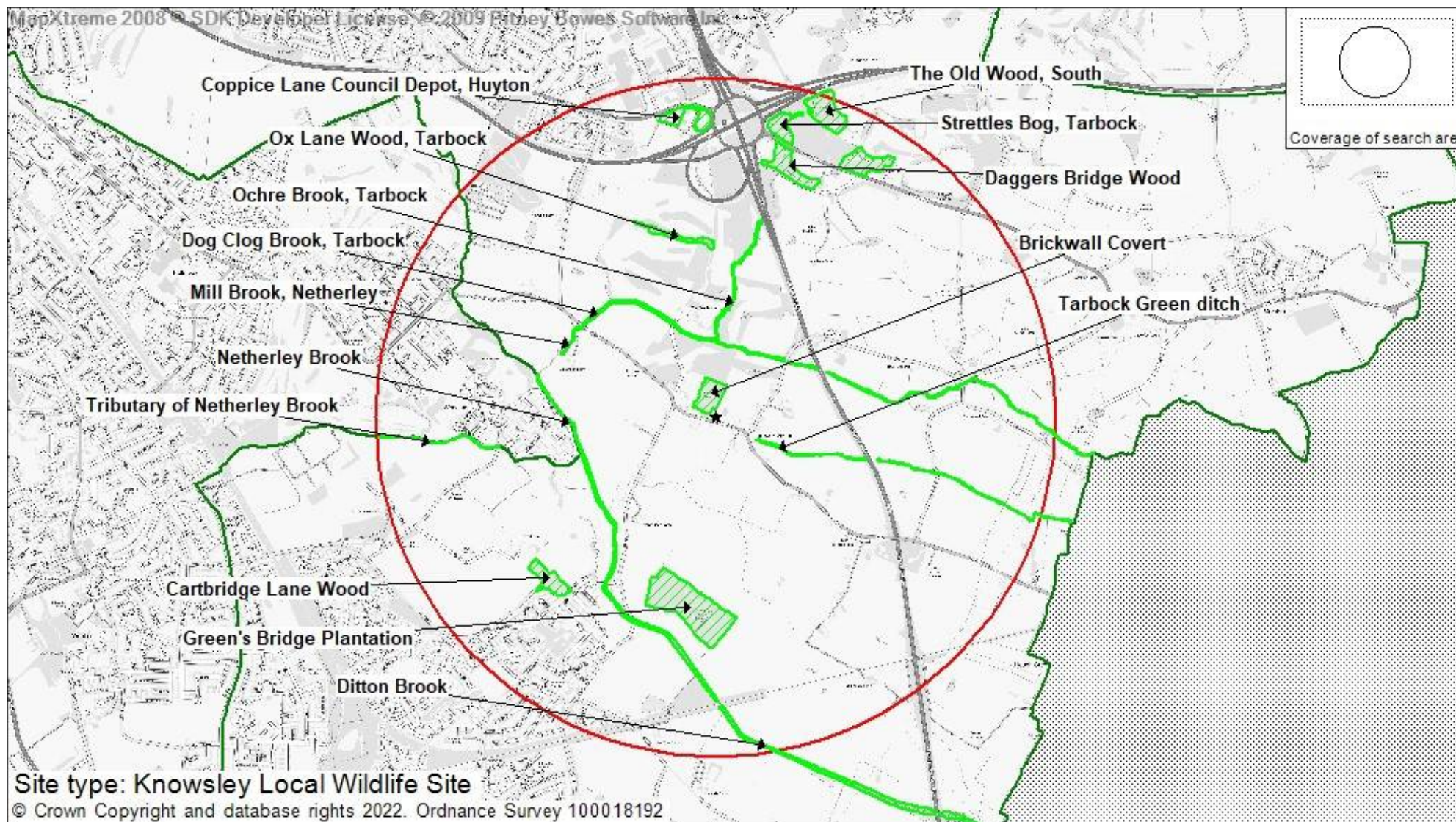
67	Dave Earl Mammals to May 2010	BioBank
68	RODIS Admin	BioBank
69	British Trust for Ornithology	BioBank
70	Water Vole data	BioBank
71	Report Harvest 2012 04-06	BioBank
72	Northwest Lowlands Water Vole Project 2011	BioBank
73	Report Harvest 2011 04-06	BioBank
74	Northwest Lowlands Water Vole Project 2010	BioBank
75	Liverpool Museum Mammal Day Book	BioBank
76	Merseyside & West Lancs Bat Group	BioBank
77	RODIS ad hoc 2018	BioBank
78	PTES Big Hedgehog Map	BioBank
79	Gilbert21 Richard Burkmar General	BioBank
80	Dave Hardy Mammals	BioBank
81	RODIS 2011	BioBank
82	Report Harvest 2010 10-12	BioBank
83	Report Harvest 2012 01-03	BioBank
84	Report Harvest 2013 04-06	BioBank
85	Brown Hare 1 km square survey	BioBank

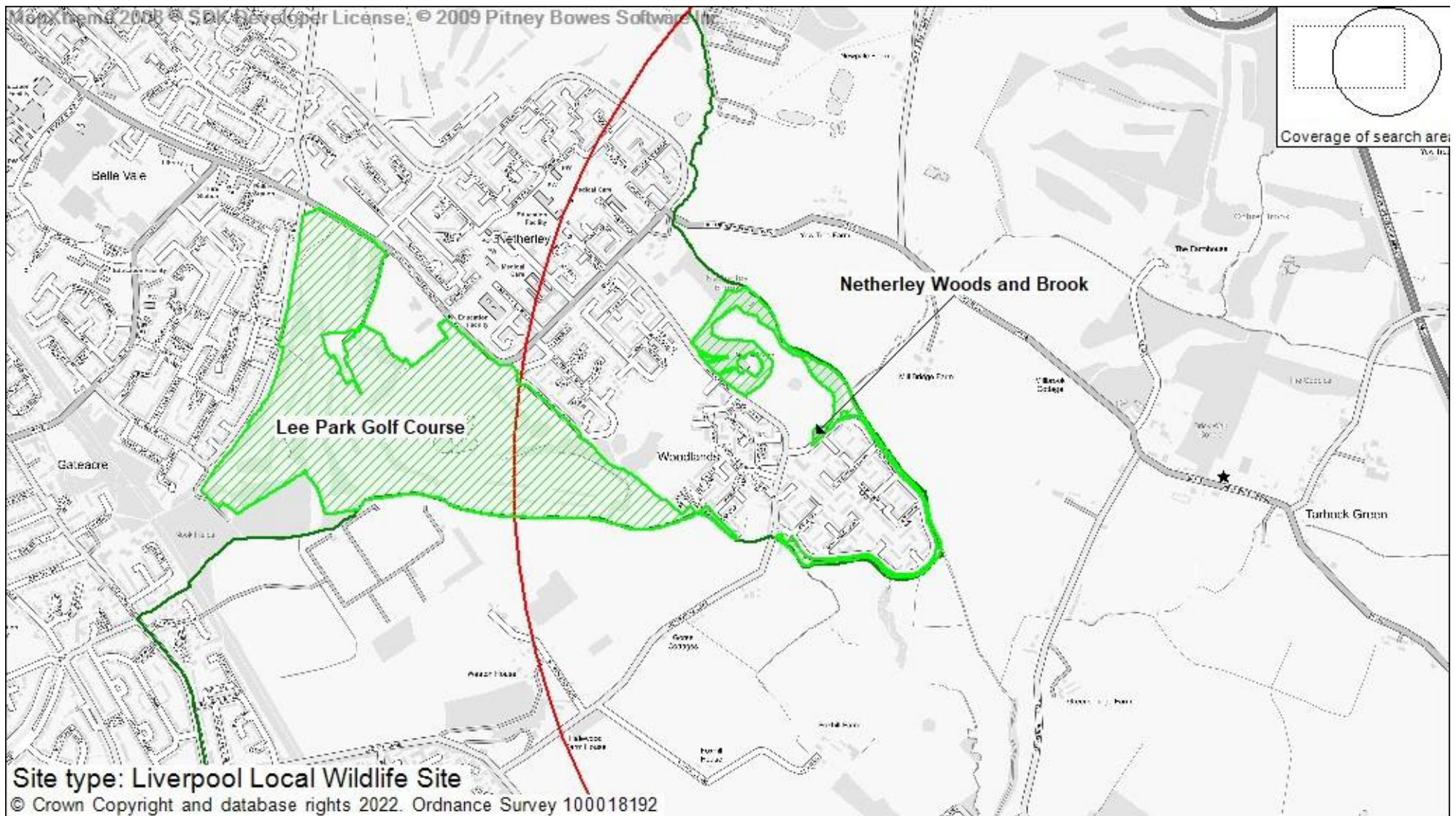
Appendix 3: Maps

The following page(s) include maps to illustrate some of the results of your data request. They should be viewed in the context of the results supplied in the main body of the report.

The Ordnance Survey mapping included in the maps provided by Merseyside BioBank under Sefton Council's licence from Ordnance Survey. These maps are provided to assist decision-makers in the effective and sustainable management of land, species and habitats. Ordnance Survey should be contacted directly if any of these maps are to be used in another document.

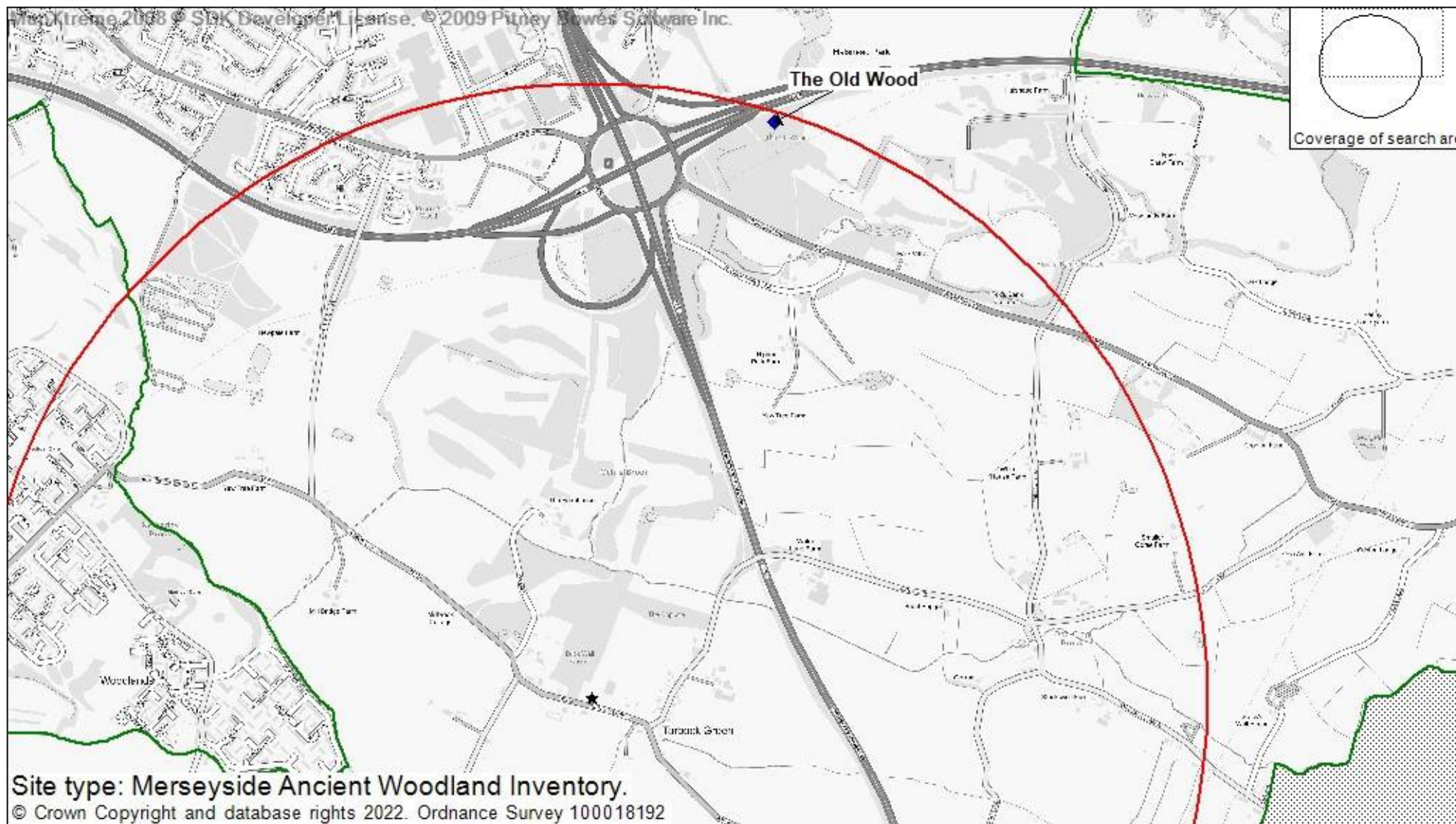


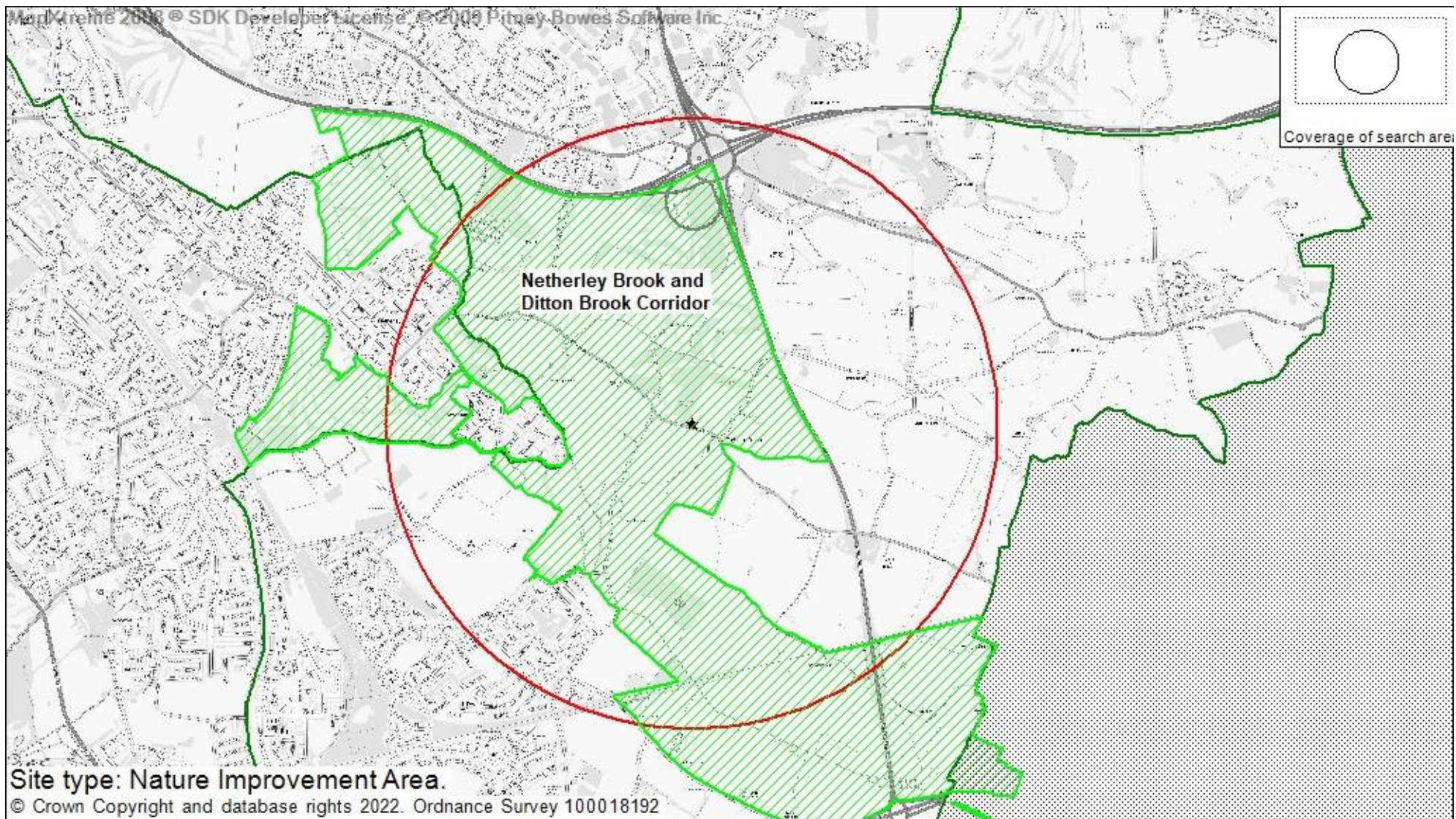


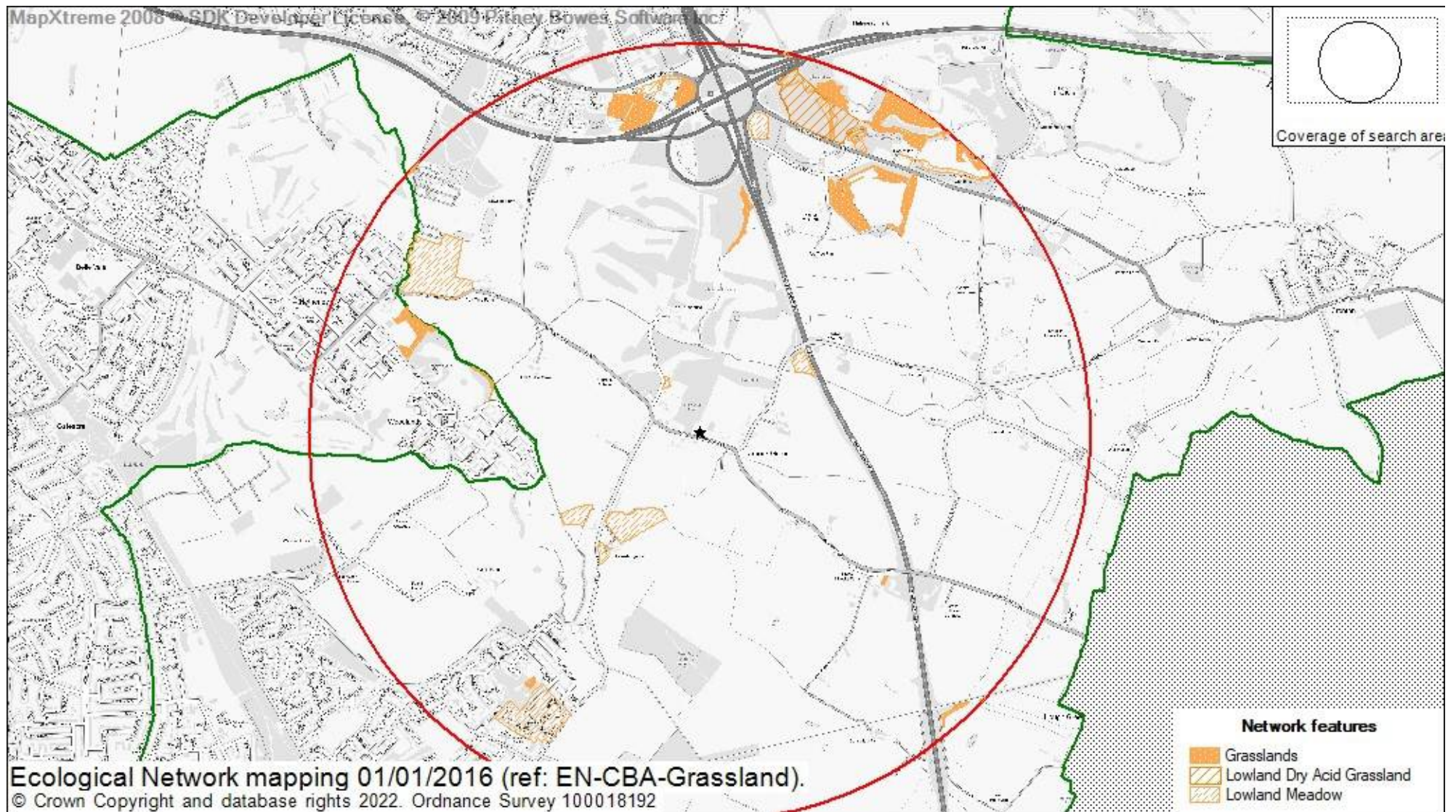


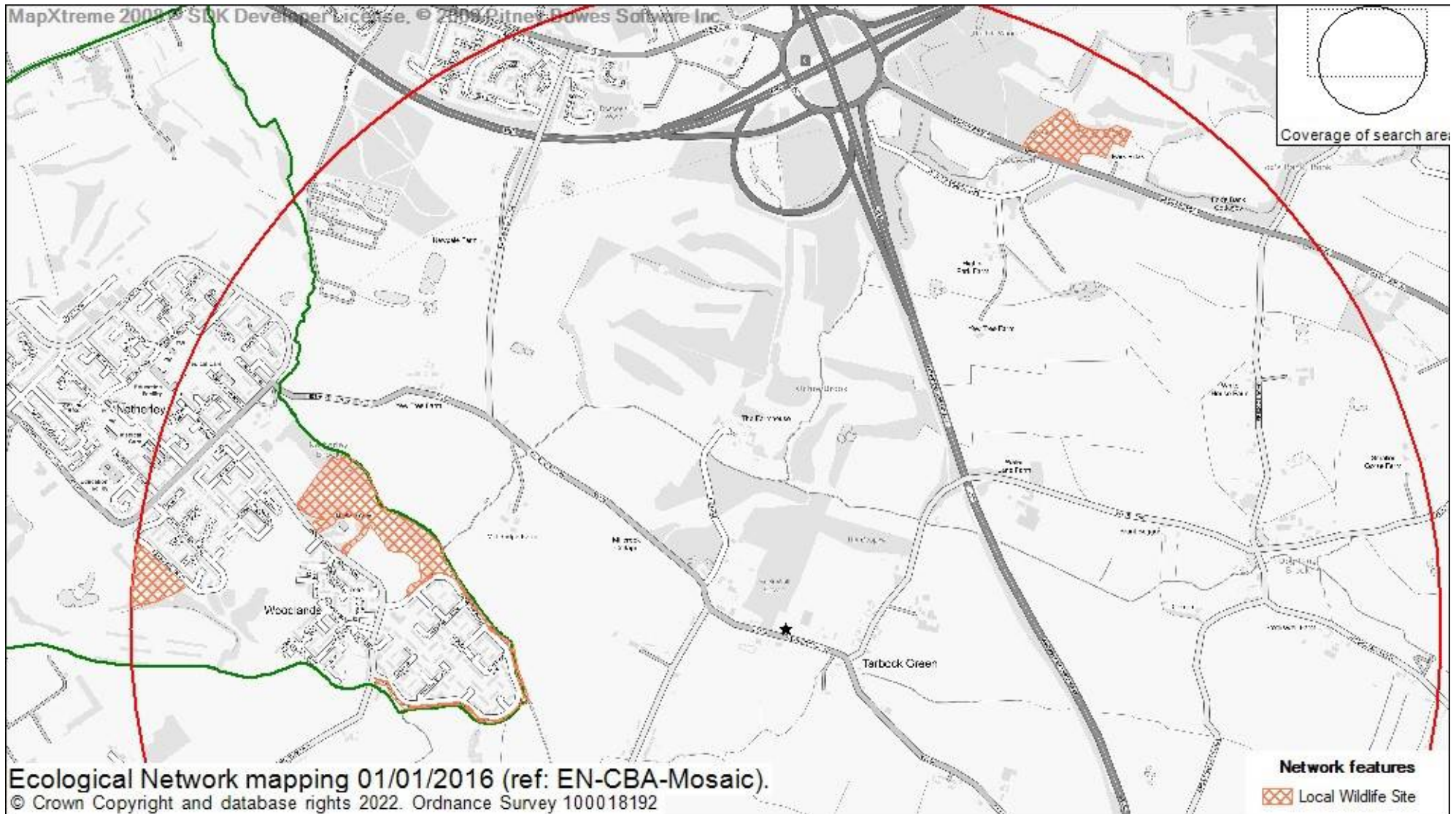
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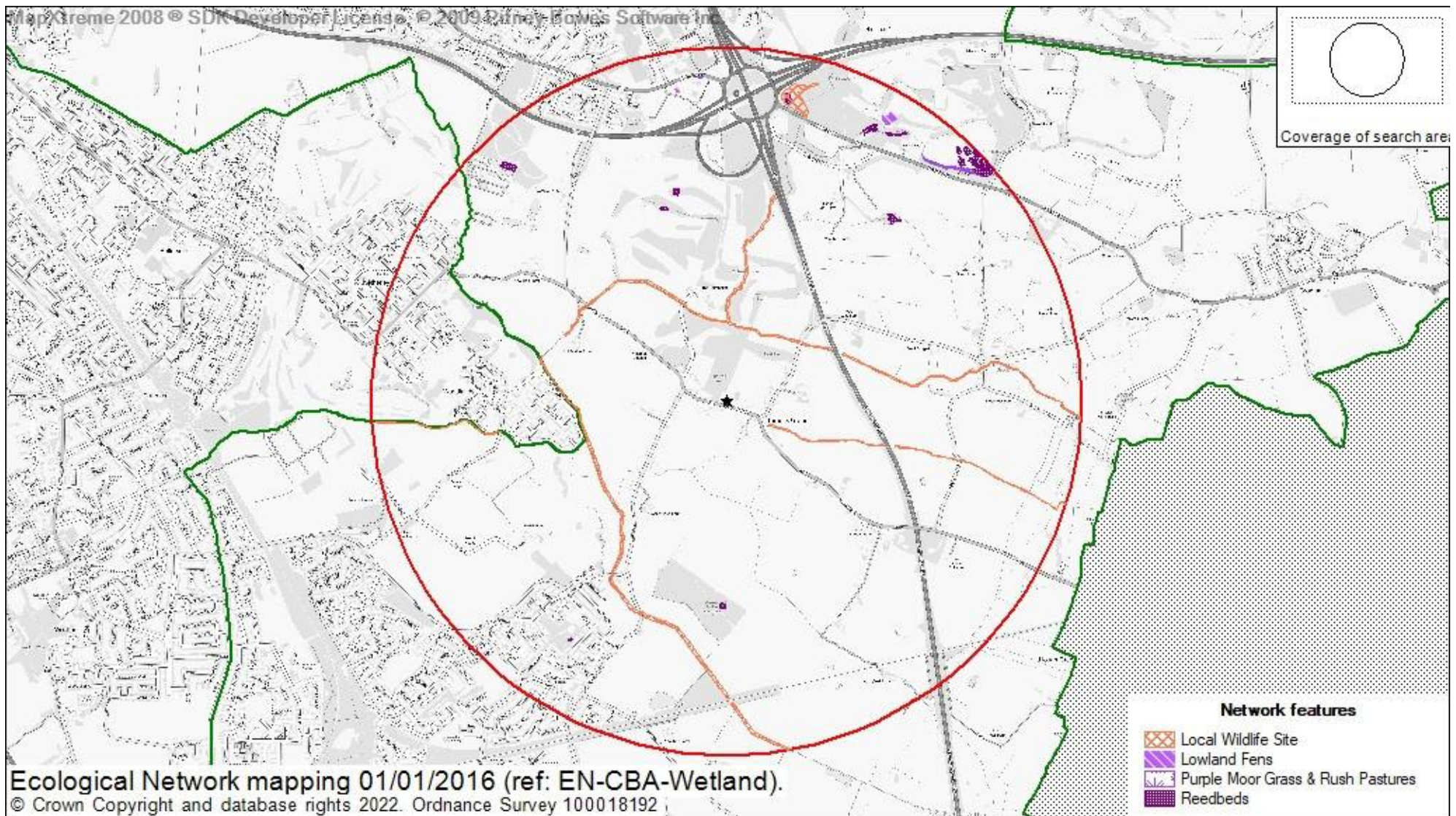
Merseyside BioBank,
Estate Barn, Court Hey Park
Roby Road, Liverpool
L16 3NA
Tel: 0151 737 4150
Info@MerseysideBiobank.org.uk

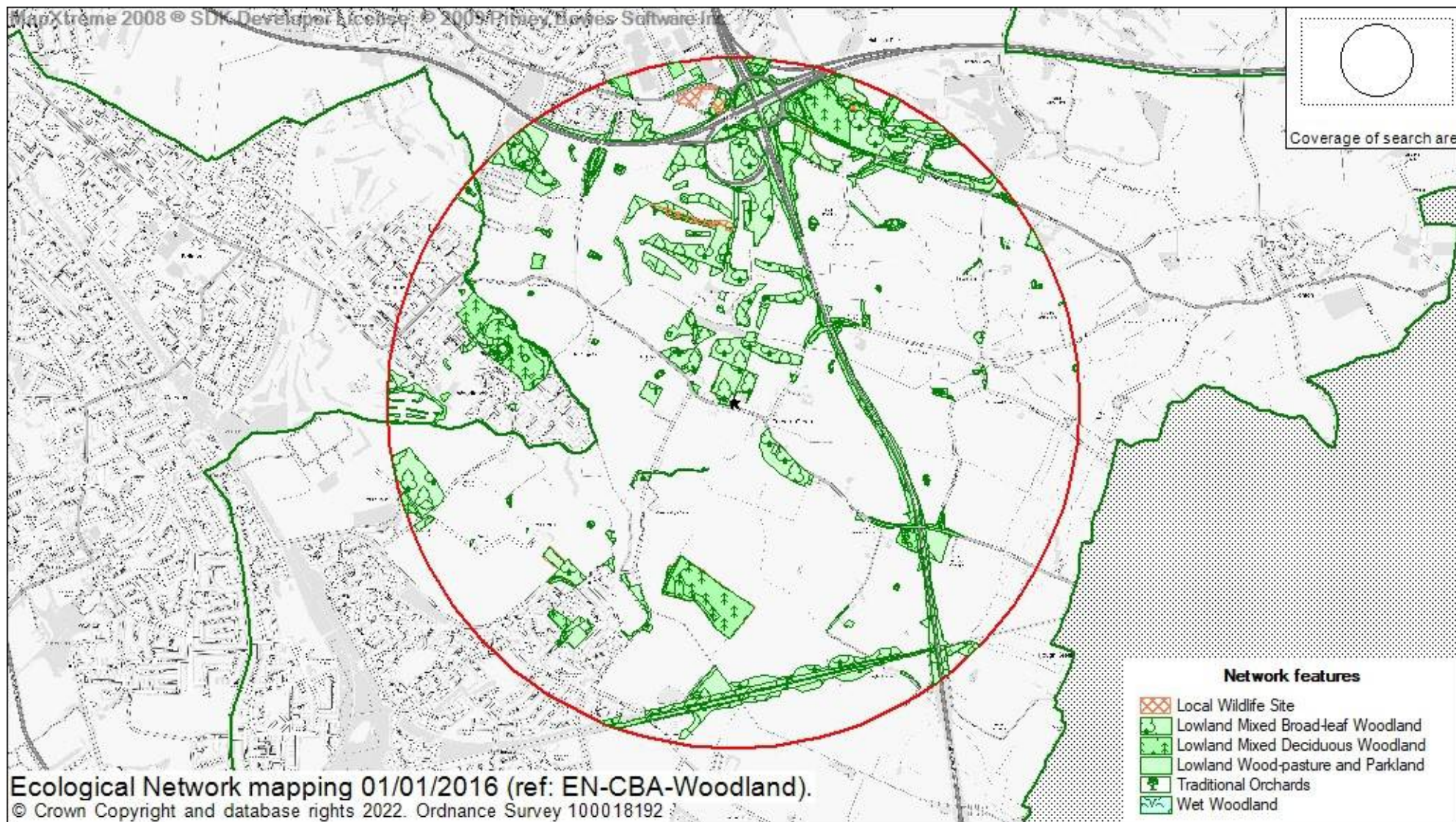


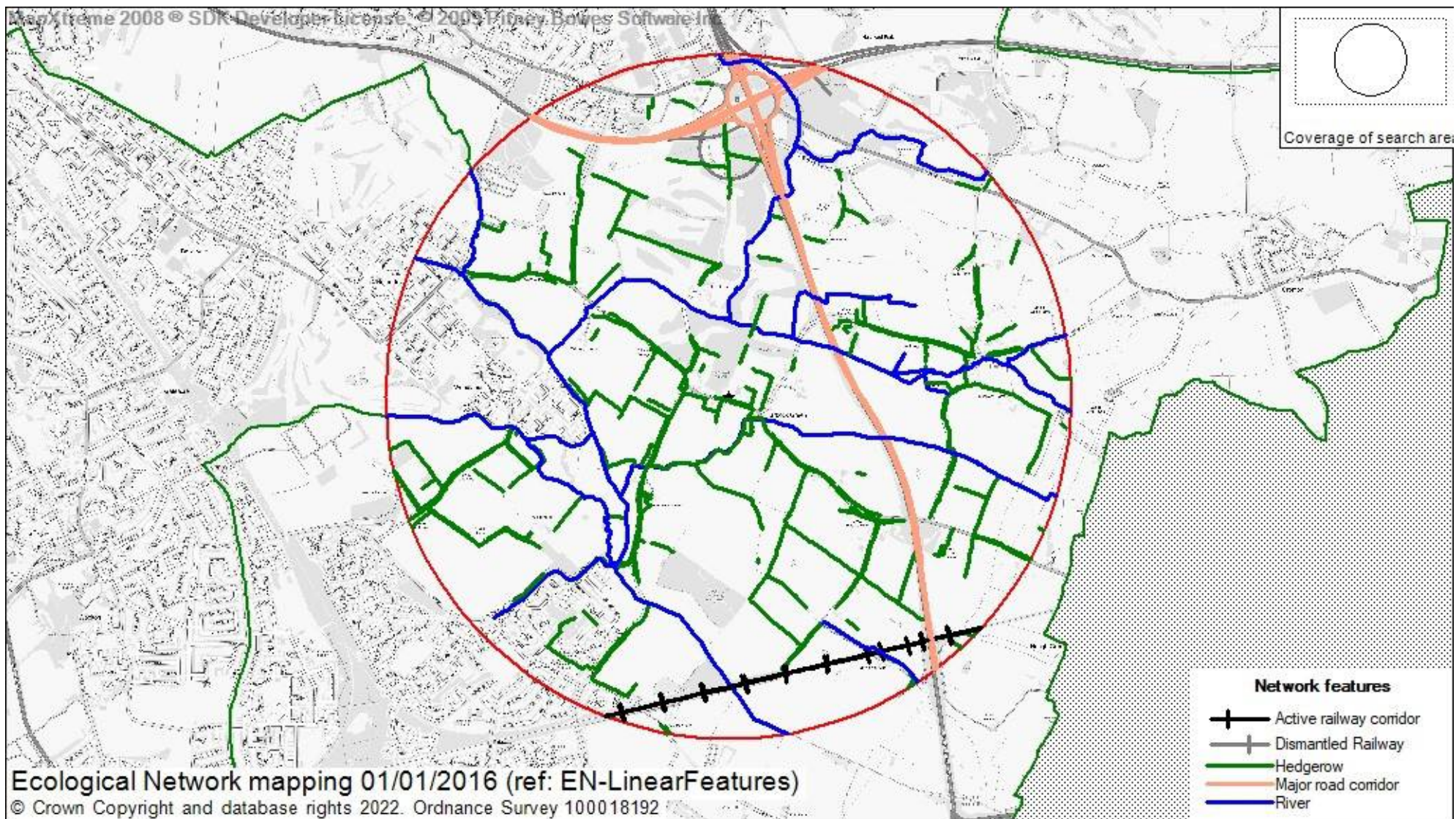


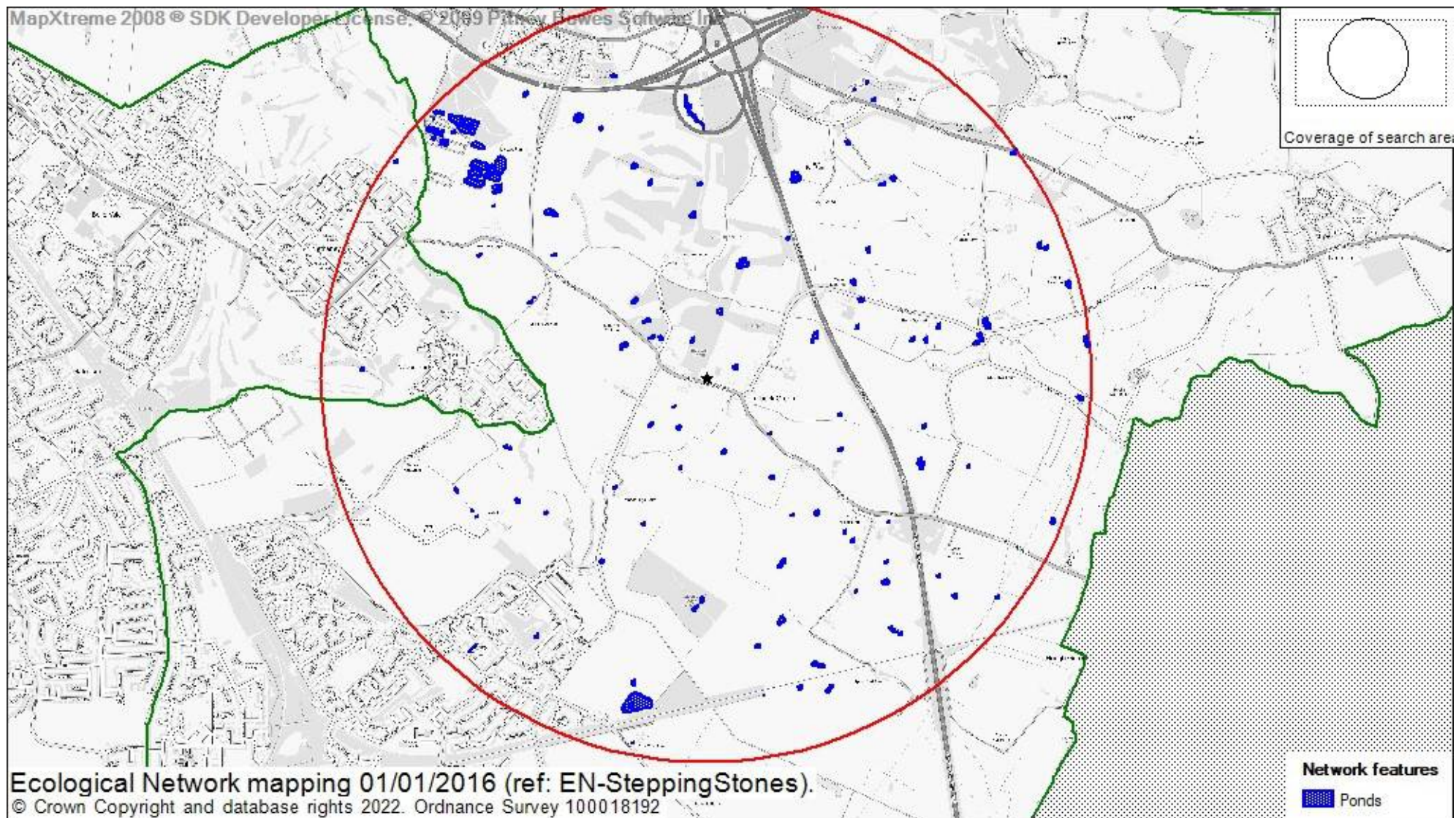


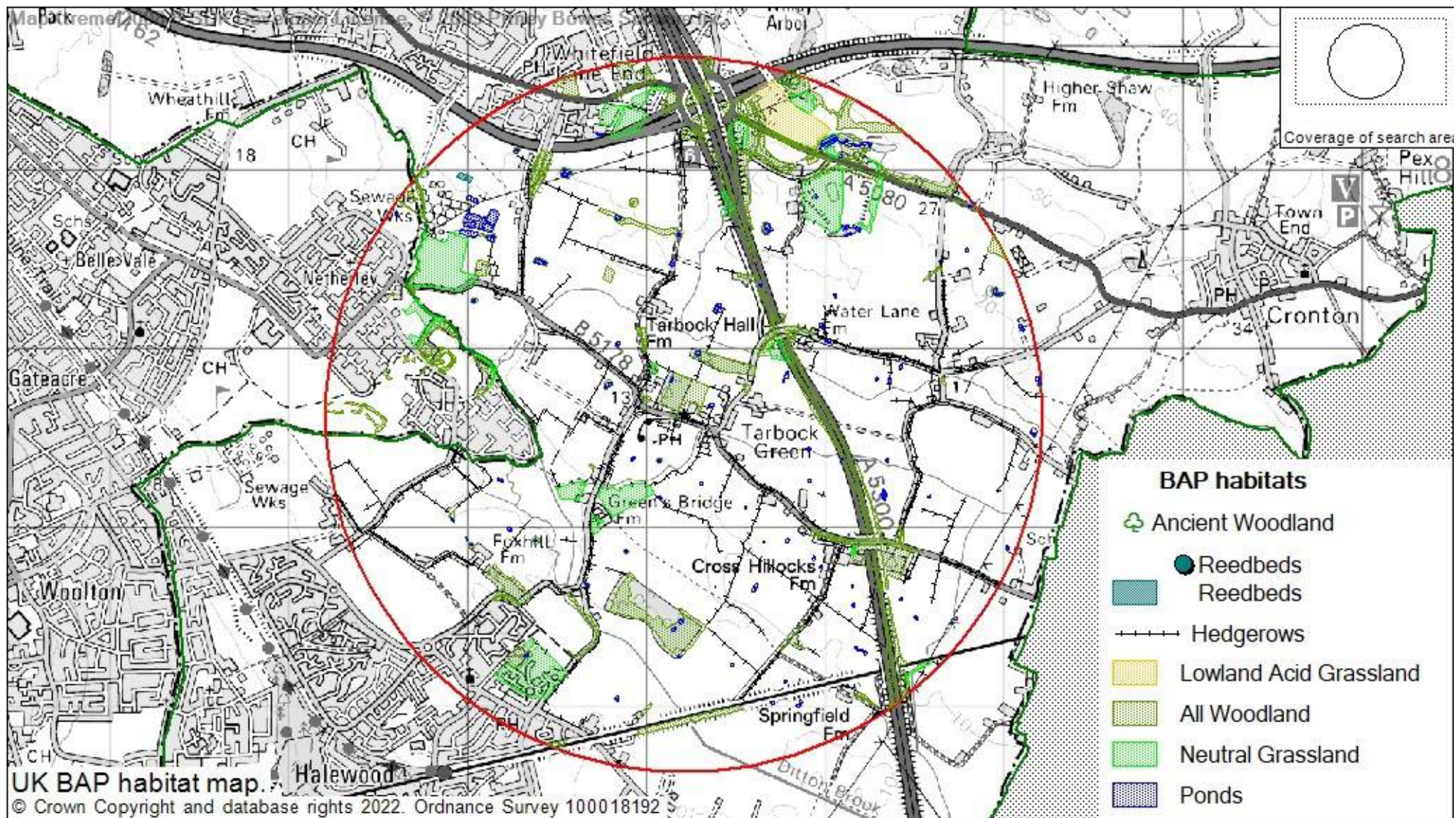


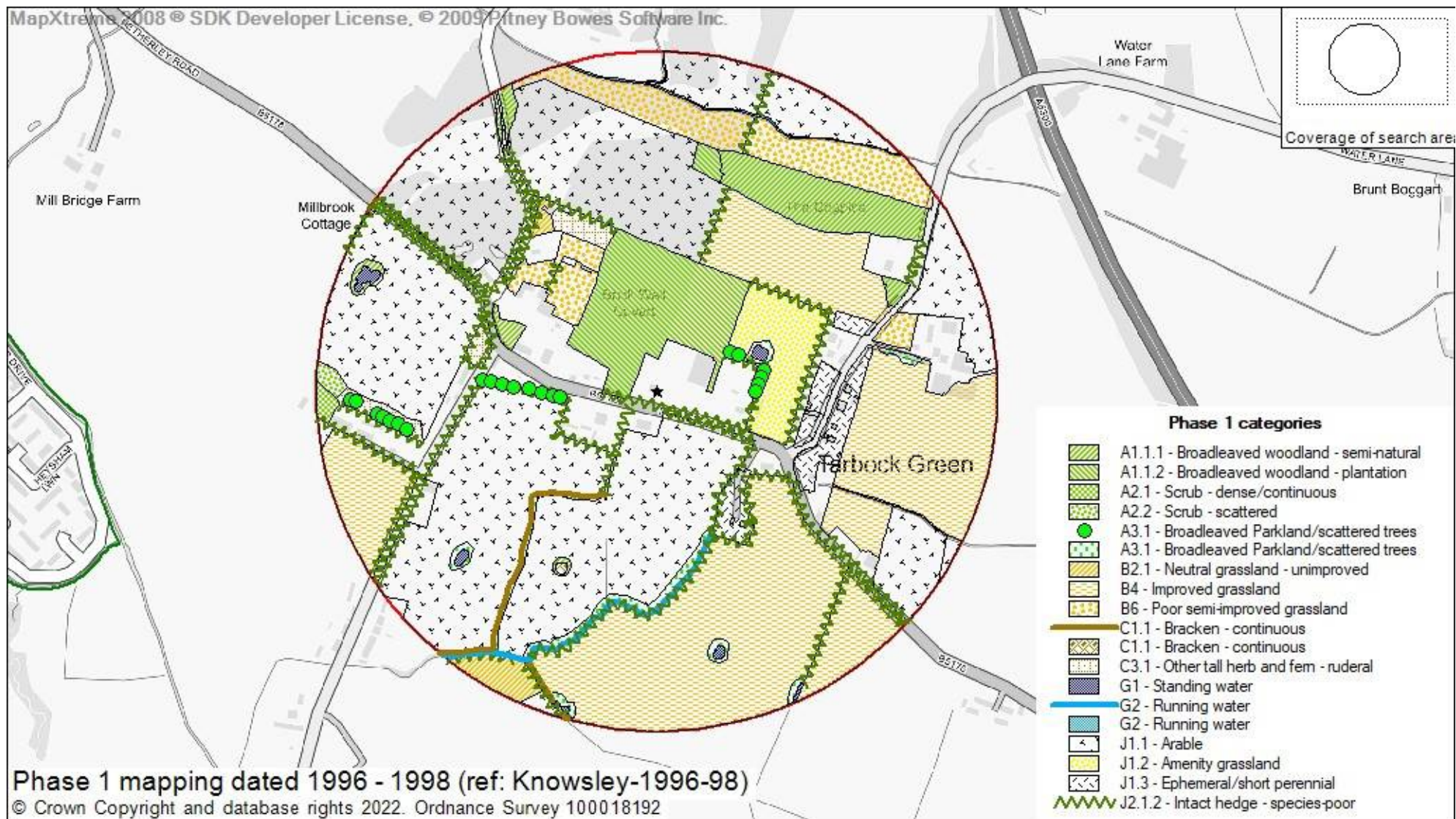












Site Name: Brickwall Covert, Tarbock

Site Area: 2.45 hectares

National Grid Reference: SJ461877

Date of Designation: 1995

District: Knowsley

Date of Last Revision: July 2003

SBI Number: 24

CITATION: A mature broadleaf and mixed plantation woodland with associated wetland areas.

APPRAISAL: This site has been evaluated against the guidelines approved by the Council for selection of Sites of Biological Interest. The site's evaluation against the guidelines is set out below.

Guideline		Comment
HABITATS		
H1; H2; H3; H4.	Rarity Diversity Nearness Isolation	2 regionally important. 10 habitats recorded. -- --
PLANTS		
SP1; SP2; SP3; SP4.	Rarity Diversity Naturalness Nationally Rare	1 WCA Schedule 8; 1 species of conservation concern; 1 regionally important; 3 locally rare species. Total of 97 plant species. 89.7% of the plants are native to North Merseyside. Colonisation has been aided by man and the site has been physically altered. --
ANIMALS		
General SP5; Birds B1; B2; B3; B4; B5. Dragonflies Od1; Od2. Butterflies Bf1; Bf2. Amphibians A1; A2. Reptiles R2; Bats Bat1; Bat2. Mammals Mam1.	Rare/priority Non-breeding population Breeding population Regional rare/scare Breeding assemblage Assemblage, breeding, wintering, passage. Breeding Regional rare/scarce Region rare breeding Breeding assemblage Rarity Exceptional populations Exceptional population Roost Assemblage Breeding	-- -- -- -- -- -- -- -- -- -- -- -- -- -- --

SUMMARY: The combination of these factors has led to this site being identified as a Site of Biological Interest.

NOTE: Validated data from 1981 to July 2003 have been used in this assessment. Other data may become available to support this designation.

Status of features of nature conservation importance PROVISIONAL LIST

Habitats

**2 Regionally Important habitats
(North West Biodiversity Audit)**

B5 - Marsh/marshy grassland
G1 - Standing water

10 habitats recorded

A112 - Woodland: broadleaved, plantation
A132 - Woodland: mixed, plantation
A22 - Scrub: scattered
B5 - Marsh/marshy grassland
C31 - Other tall herb and fern: tall ruderal
C32 - Other tall herb and fern: non ruderal
F22 - Marginal/inundation: inundation
G1 - Standing water
J14 - Cultivated/disturbed land: introduced shrub
J4 - Bare ground

Plants

1 WCA Schedule 8 Species

Hyacinthoides non-scripta (Native Bluebell)

1 species of conservation concern

Hyacinthoides non-scripta (Native Bluebell)

**1 Regionally important species
(North West Biodiversity Audit)**

Hyacinthoides non-scripta (Native Bluebell)

3 locally rare species

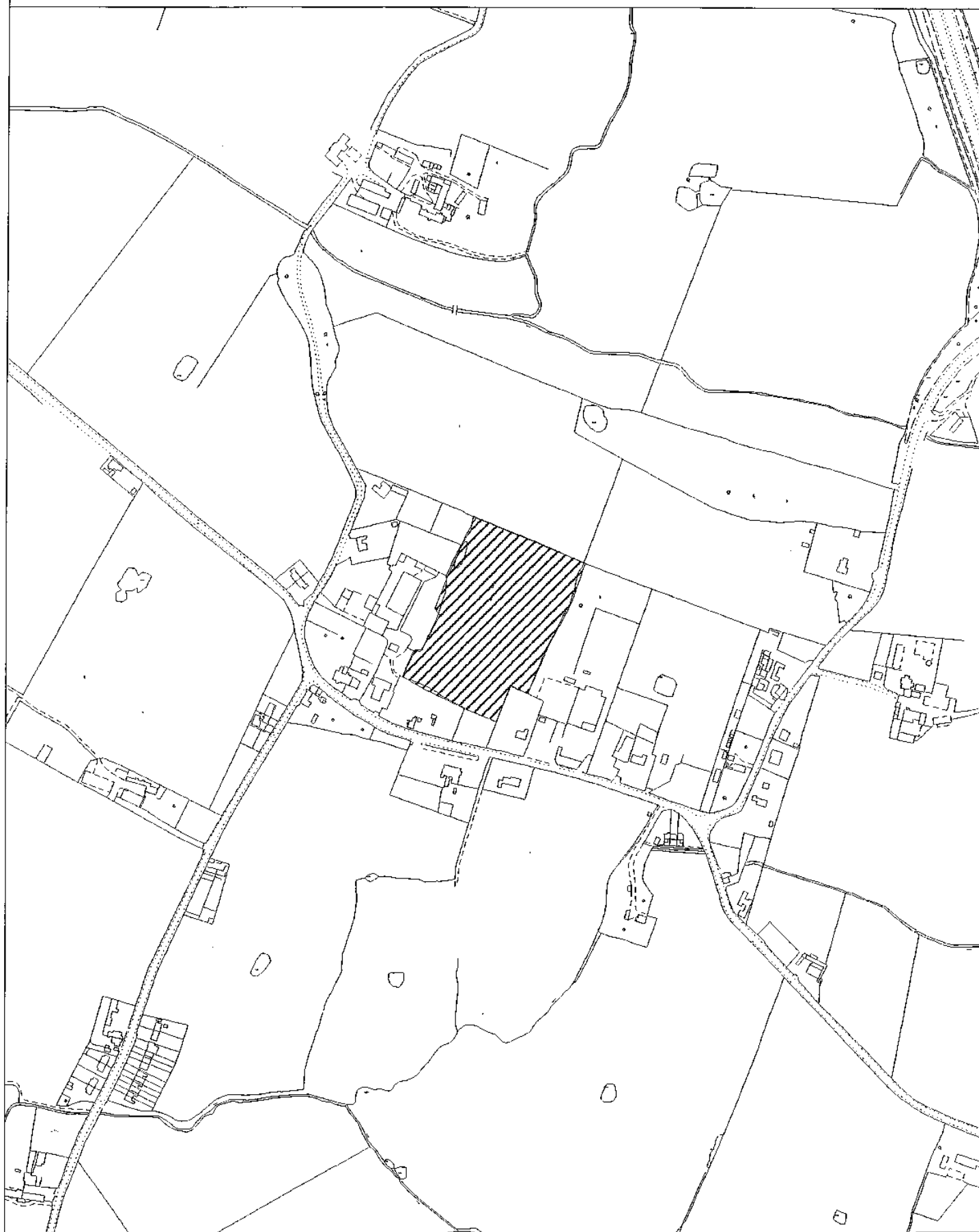
Agrostis gigantea (Black Bent)
Odontites vernus (Red Bartsia)
Torilis japonica (Erect Hedge-parsley)

SBI 24. Brickwall Covert
Scale 1:5000

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Environmental
Advisory Service



Site Name: Cartbridge Lane Wood, Halewood

Site Area: 2.19 hectares

National Grid Reference: SJ452866

Date of Designation: 1995

District: Knowsley

Date of Last Revision: July 2003

SBI Number: 25

CITATION: A predominantly broadleaf woodland which has been used as a garden in the part. Many interesting species are present as a result.

APPRAISAL: This site has been evaluated against the guidelines approved by the Council for selection of Sites of Biological Interest. The site's evaluation against the guidelines is set out below.

Guideline		Comment
HABITATS		
H1; H2; H3; H4.	Rarity Diversity Nearness Isolation	1 Priority BAP Habitats, 2 regionally important. 11 habitats recorded. 18 sites within 1 Km. --
PLANTS		
SP1; SP2; SP3; SP4.	Rarity Diversity Naturalness Nationally Rare	1WCA Schedule 8; 1 species of conservation concern; 1 regionally important; 3 locally rare species. Total of 118 plant species. One of 34 sites with 100 or more species. 87.3% of the plants are native to North Merseyside. Colonisation has been aided by man and the site has been physically altered. --
ANIMALS		
General SP5; Birds B1; B2; B3; B4; B5. Dragonflies Od1; Od2. Butterflies Bf1; Bf2. Amphibians A1; A2. Reptiles R2; Bats Bat1; Bat2. Mammals Mam1.	Rare/priority Non-breeding population Breeding population Regional rare/scare Breeding assemblage Assemblage, breeding, wintering, passage. Breeding Regional rare/scarce Region rare breeding Breeding assemblage Rarity Exceptional populations Exceptional population Roost Assemblage Breeding	-- -- -- -- -- -- -- -- -- -- -- -- -- -- -- Water vole in the adjacent ditch.

SUMMARY: The combination of these factors has led to this site being identified as a Site of Biological Interest.

NOTE: Validated data from 1981 to July 2003 have been used in this assessment. Other data may become available to support this designation.

Status of features of nature conservation importance PROVISIONAL LIST

Habitats

1 Priority BAP Habitats	B21 - Neutral grassland: unimproved
2 regionally important Habitat	B21 - Neutral grassland: unimproved G1 – standing Water
11 habitats recorded	A112 - Woodland: broadleaved, plantation B21 - Neutral grassland: unimproved B4 - Improved grassland C12 - Bracken: scattered C31 - Other tall herb and fern: tall ruderal F21 - Marginal/inundation: marginal G1 - Standing water G2 - Running water J14 - Cultivated/disturbed land: introduced shrub J222 - Boundaries: defunct hedge, species-poor J4 - Bare ground

Plants

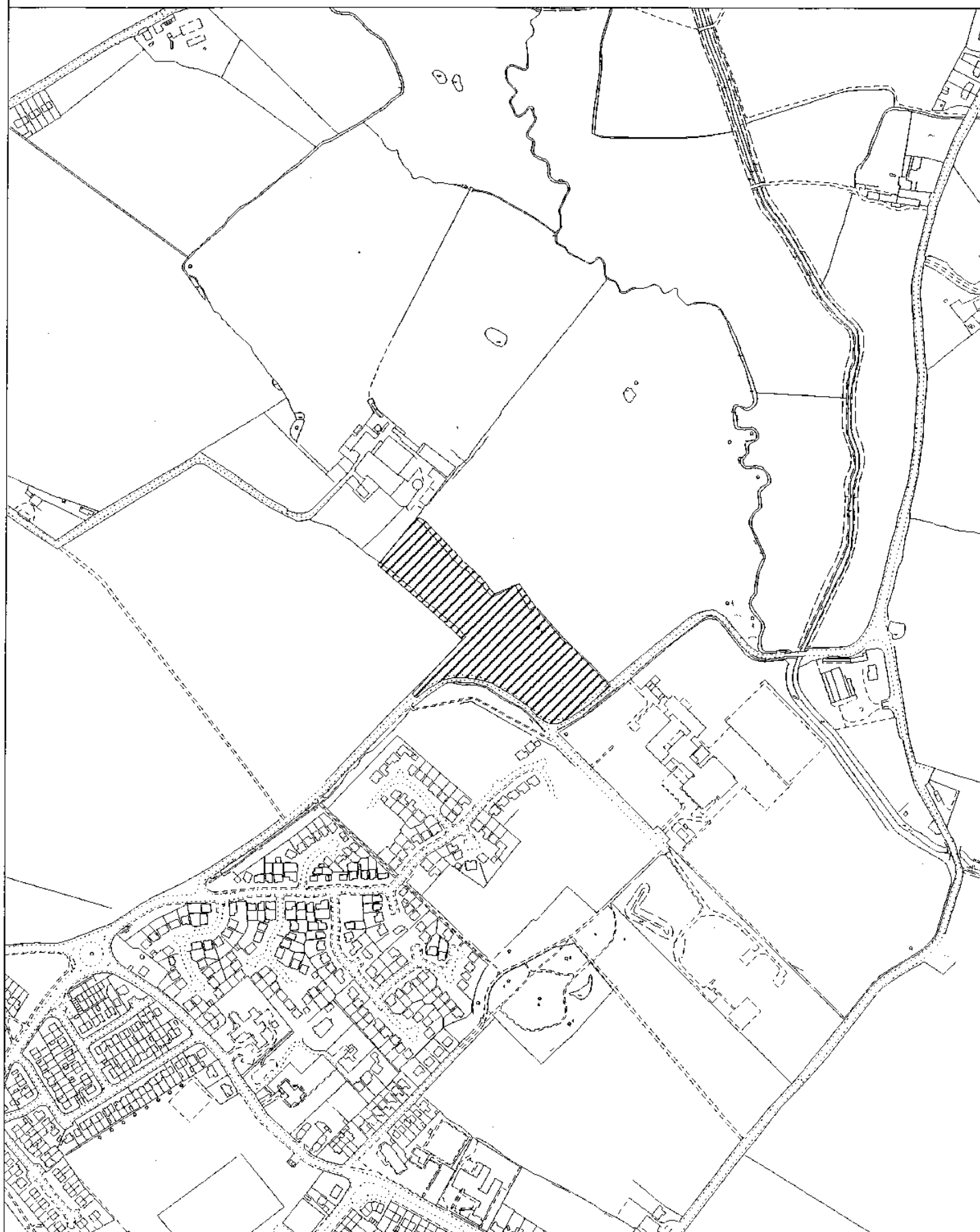
1WCA Schedule 8	Hyacinthoides non-scripta
1 species of conservation concern	Hyacinthoides non-scripta
1 regionally important	Hyacinthoides non-scripta
3 locally rare species	Torilis japonica Urtica urens Veronica hederifolia Ssp. lucorum
Animals	Water vole

SBI 25. Cartbridge Lane Wood
Scale 1:5000

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Environmental
Advisory Service



Status of features of nature conservation importance PROVISIONAL LIST

<u>Habitats</u>	
2 Priority BAP habitats	Swamp tall fen vegetation (F1.2) Neutral Grassland Unimproved (B2.1)
2 habitats of regional importance	Swamp tall fen vegetation (F1.2) Neutral Grassland Unimproved (B2.1)
5 habitats recorded	A21 - Scrub: dense/continuous A22 - Scrub: scattered B21 - Neutral grassland: unimproved C31 - Other tall herb and fern: tall ruderal F21 - Marginal/inundation: marginal
<u>Plants</u>	
2 species of regional importance	Anagallis tenella (Bog Pimpernel) Dactylorhiza purpurella (Northern Marsh Orchid)
6 Locally rare species	Agrostis canina (Velvet Bent) Anagallis tenella (Bog Pimpernel) Fragaria vesca (Wild Strawberry) Solidago virgaurea (Golden Rod) Veronica arvensis (Speedwell) Dactylorhiza purpurella (Northern Marsh Orchid)

**SBI 60. Coppice Lane Council
Depot, Huyton
Scale 1:5000**

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Environmental
Advisory Service



Site Name: **Dagger's Bridge Wood, Cronton**

Site Area: **2.88 hectares**

National Grid Reference: **SJ466891**

Date of Designation: **1995**

District: **Knowsley**

Date of Last Revision: **July 2003**

SBI Number: **20**

CITATION: A broadleaf woodland dissected by two brooks, Foxes Bank Brook and Chapel Brook. The confluence of these two streams is in the woodland. Interesting wetland plants enhance this site.

APPRAISAL: This site has been evaluated against the guidelines approved by the Council for selection of Sites of Biological Interest. The site's evaluation against the guidelines is set out below.

Guideline		Comment
HABITATS		
H1; H2; H3; H4.	Rarity Diversity Nearness Isolation	1 locally uncommon. 8 habitats recorded. 32 sites within 1 Km.
PLANTS		
SP1; SP2; SP3; SP4.	Rarity Diversity Naturalness Nationally Rare	1WCA Schedule 8; 3 species of conservation concern; 4 regionally important; 15 locally rare species. Total of 162 plant species. One of 34 sites with 100 or more species. 95.1% of the plants are native to North Merseyside. Colonisation has been unaided by man and the site has been physically altered. --
ANIMALS		
General SP5; Birds B1; B2; B3; B4; B5. Dragonflies Od1; Od2. Butterflies Bf1; Bf2. Amphibians A1; A2. Reptiles R2; Bats Bat1; Bat2. Mammals Mam1.	Rare/priority Non-breeding population Breeding population Regional rare/scare Breeding assemblage Assemblage, breeding, wintering, passage. Breeding Regional rare/scarce Region rare breeding Breeding assemblage Rarity Exceptional populations Exceptional population Roost Assemblage Breeding	-- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- --

SUMMARY: The combination of these factors has led to this site being identified as a Site of Biological Interest.

NOTE: Validated data from 1981 to July 2003 have been used in this assessment. Other data may become available to support this designation.

Status of features of nature conservation importance PROVISIONAL LIST

Habitats

1 locally uncommon	G21 - Running water: eutrophic
8 habitats recorded	A111 - Woodland: broadleaved, semi-natural C11 - Bracken: continuous C12 - Bracken: scattered C31 - Other tall herb and fern: tall ruderal F21 - Marginal/inundation: marginal G2 - Running water G21 - Running water: eutrophic J4 - Bare ground

Plants

1 WCA Schedule 8	Hyacinthoides non-scripta
3 species of conservation concern	Hyacinthoides non-scripta Ranunculus fluitans Ranunculus hederaceus
4 regionally important	Hyacinthoides non-scripta Ranunculus hederaceus Ranunculus fluitans Tamus communis
15 locally rare species	Adox moschatellina Anemone nemorosa Carex pendula Cerastium fontanum Ssp. holosteoides Chelidonium major Circaea lutetiana Epipactis helleborine Galeopsis bifida Hieracium sabaudum Isothecium myosuroides Pellia epiphylla Potamogeton pectinatus Ranunculus aquatilis Ranunculus fluitans Ranunculus hederaceus

SBI 20. Daggers Bridge Wood
Scale 1:5000

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Environmental
Advisory Service



Site Name: **Ditton Brook**

Site Area: **0.57 hectares**

National Grid Reference: **SJ468855**

Date of Designation: **2003**

District: **Knowsley**

Date of Last Revision: **July 2003**

SBI Number: **75**

CITATION: An open water course providing good water vole habitats.

APPRAISAL: This site has been evaluated against the guidelines approved by the Council for selection of Sites of Biological Interest. The site's evaluation against the guidelines is set out below.

Guideline		Comment
HABITATS		
H1;	Rarity	--
H2;	Diversity	--
H3;	Nearness	--
H4.	Isolation	--
PLANTS		
SP1;	Rarity	--
SP2;	Diversity	--
SP3;	Naturalness	Colonisation has been aided by man and the site has been physically altered.
SP4.	Nationally Rare	--
ANIMALS		
General SP5;	Rare/priority	--
Birds		
B1;	Non-breeding population	--
B2;	Breeding population	--
B3;	Regional rare/scare	--
B4;	Breeding assemblage	--
B5.	Assemblage, breeding, wintering, passage.	--
Dragonflies		
Od1;	Breeding	--
Od2.	Regional rare/scarce	--
Butterflies		
Bf1;	Region rare breeding	--
Bf2.	Breeding assemblage	--
Amphibians		
A1;	Rarity	--
A2.	Exceptional populations	--
Reptiles		
R2;	Exceptional population	--
Bats		
Bat1;	Roost	--
Bat2.	Assemblage	--
Mammals		
Mam1.	Breeding	Guideline met – Water Vole.

SUMMARY: The combination of these factors has led to this site being identified as a Site of Biological Interest.

NOTE: Validated data from 1981 to July 2003 have been used in this assessment. Other data may become available to support this designation.

SBI 75. Ditton Brook

Scale 1:15,000

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Compiled by EAS 30th August 2003



Environmental
Advisory Service



Site Name: Dog Clog Brook, Tarbock

Site Area: 1.84 hectares

National Grid Reference: SJ470877

Date of Designation: 2003

District: Knowsley

Date of Last Revision: July 2003

SBI Number: 80

CITATION: An open water course providing good water vole habitat.

APPRAISAL: This site has been evaluated against the guidelines approved by the Council for selection of Sites of Biological Interest. The site's evaluation against the guidelines is set out below.

Guideline		Comment
HABITATS		
H1;	Rarity	--
H2;	Diversity	--
H3;	Nearness	--
H4.	Isolation	--
PLANTS		
SP1;	Rarity	--
SP2;	Diversity	--
SP3;	Naturalness	Colonisation has been aided by man and the site has been physically altered.
SP4.	Nationally Rare	--
ANIMALS		
General SP5;	Rare/priority	--
Birds		
B1;	Non-breeding population	--
B2;	Breeding population	--
B3;	Regional rare/scare	--
B4;	Breeding assemblage	--
B5.	Assemblage, breeding, wintering, passage.	--
Dragonflies		
Od1;	Breeding	--
Od2.	Regional rare/scarce	--
Butterflies		
Bf1;	Region rare breeding	--
Bf2.	Breeding assemblage	--
Amphibians		
A1;	Rarity	--
A2.	Exceptional populations	--
Reptiles		
R2;	Exceptional population	--
Bats		
Bat1;	Roost	--
Bat2.	Assemblage	--
Mammals		
Mam1.	Breeding	Guideline met – Water Vole.

SUMMARY: The combination of these factors has led to this site being identified as a Site of Biological Interest.

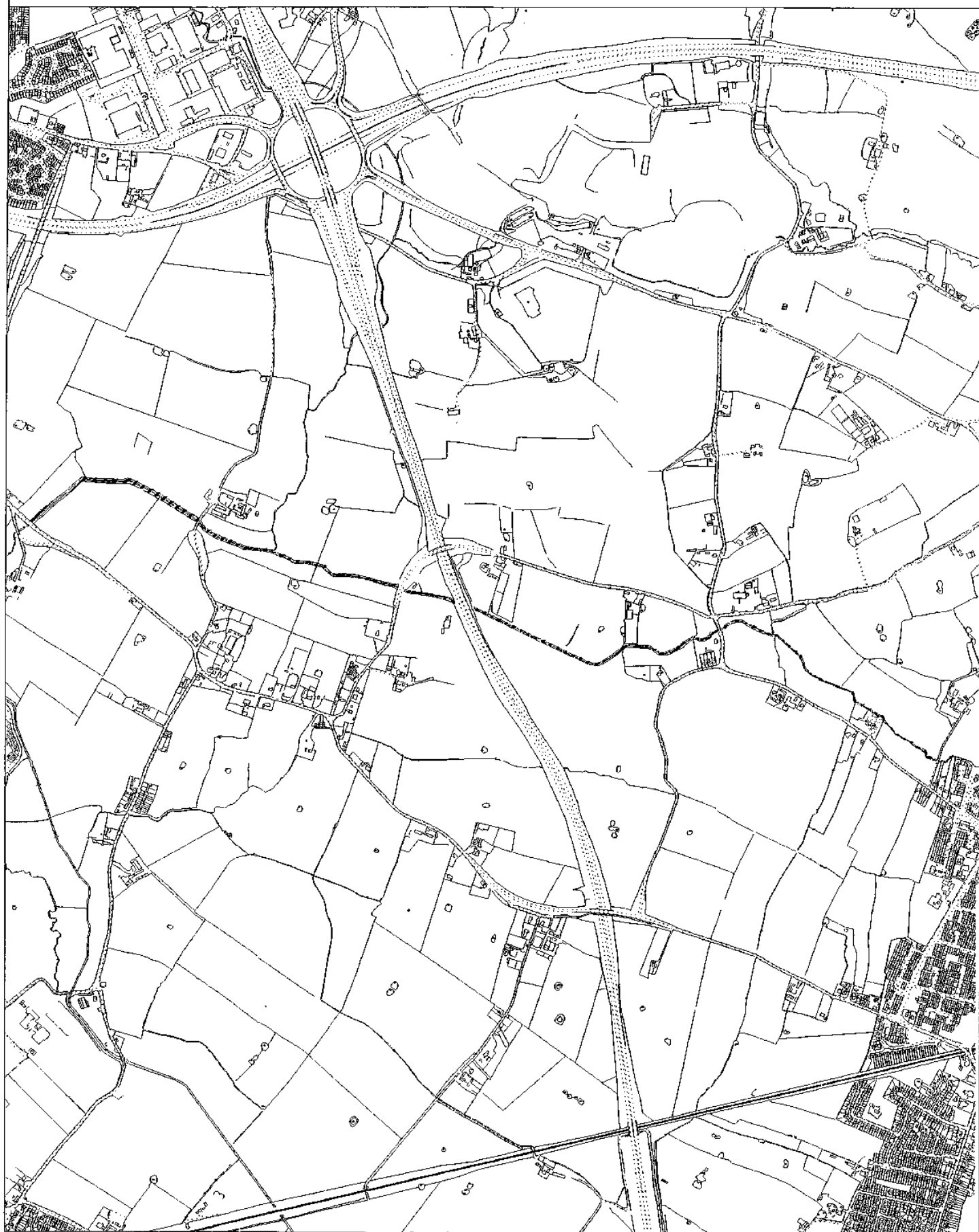
NOTE: Validated data from 1981 to July 2003 have been used in this assessment. Other data may become available to support this designation.

**SBI 80. Dog Clog Brook,
Tarbock
Scale 1:15,000**

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Environmental
Advisory Service



Site Name: Green's Bridge Plantation

Site Area: 10.87 hectares

National Grid Reference: SJ460864

Date of Designation: 1995

District: Knowsley

Date of Last Revision: July 2003

SBI Number: 26

CITATION: A predominantly deciduous woodland with a variety of other habitats including ditches, ponds and acidic grasslands.

APPRAISAL: This site has been evaluated against the guidelines approved by the Council for selection of Sites of Biological Interest. The site's evaluation against the guidelines is set out below.

Guideline		Comment
HABITATS		
H1; H2; H3; H4.	Rarity Diversity Nearness Isolation	1 Priority BAP Habitats, 3 regionally important; 1 locally uncommon. 10 habitats recorded. 27 sites within 1 Km.
PLANTS		
SP1; SP2; SP3; SP4.	Rarity Diversity Naturalness Nationally Rare	1 WCA Schedule 8; 1 species of conservation concern; 1 regionally important; 4 locally rare species. Total of 145 plant species. One of 34 sites with 100 or more species. 96.6% of the plants are native to North Merseyside. Colonisation has been aided by man and the site has been physically altered. --
ANIMALS		
General SP5; Birds B1; B2; B3; B4; B5. Dragonflies Od1; Od2. Butterflies Bf1; Bf2. Amphibians A1; A2. Reptiles R2; Bats Bat1; Bat2. Mammals Mam1.	Rare/priority Non-breeding population Breeding population Regional rare/scare Breeding assemblage Assemblage, breeding, wintering, passage. Breeding Regional rare/scarce Region rare breeding Breeding assemblage Rarity Exceptional populations Exceptional population Roost Assemblage Breeding	-- -- -- Guideline met – breeding confirmed. Guideline met – woodland assemblage. -- -- -- -- -- -- -- -- -- --

SUMMARY: The combination of these factors has led to this site being identified as a Site of Biological Interest.

NOTE: Validated data from 1981 to July 2003 have been used in this assessment. Other data may become available to support this designation.

Status of features of nature conservation importance PROVISIONAL LISTHabitats

1 Priority BAP habitat	Neutral Grassland Unimproved (B2.1)
3 habitats of regional importance	Neutral Grassland Unimproved (B2.1) Marshy Grassland (B5) Standing Water (G1)
1 Locally Uncommon habitat	Standing Water (G1)
10 habitats recorded	A112 - Woodland: broadleaved, plantation A21 - Scrub: dense/continuous A22 - Scrub: scattered B21 - Neutral grassland: unimproved B5 - Marsh/marshy grassland C31 - Other tall herb and fern: tall ruderal F21 - Marginal/inundation: marginal G1 - Standing water G2 - Running water G22 - Running water: mesotrophic

Plants

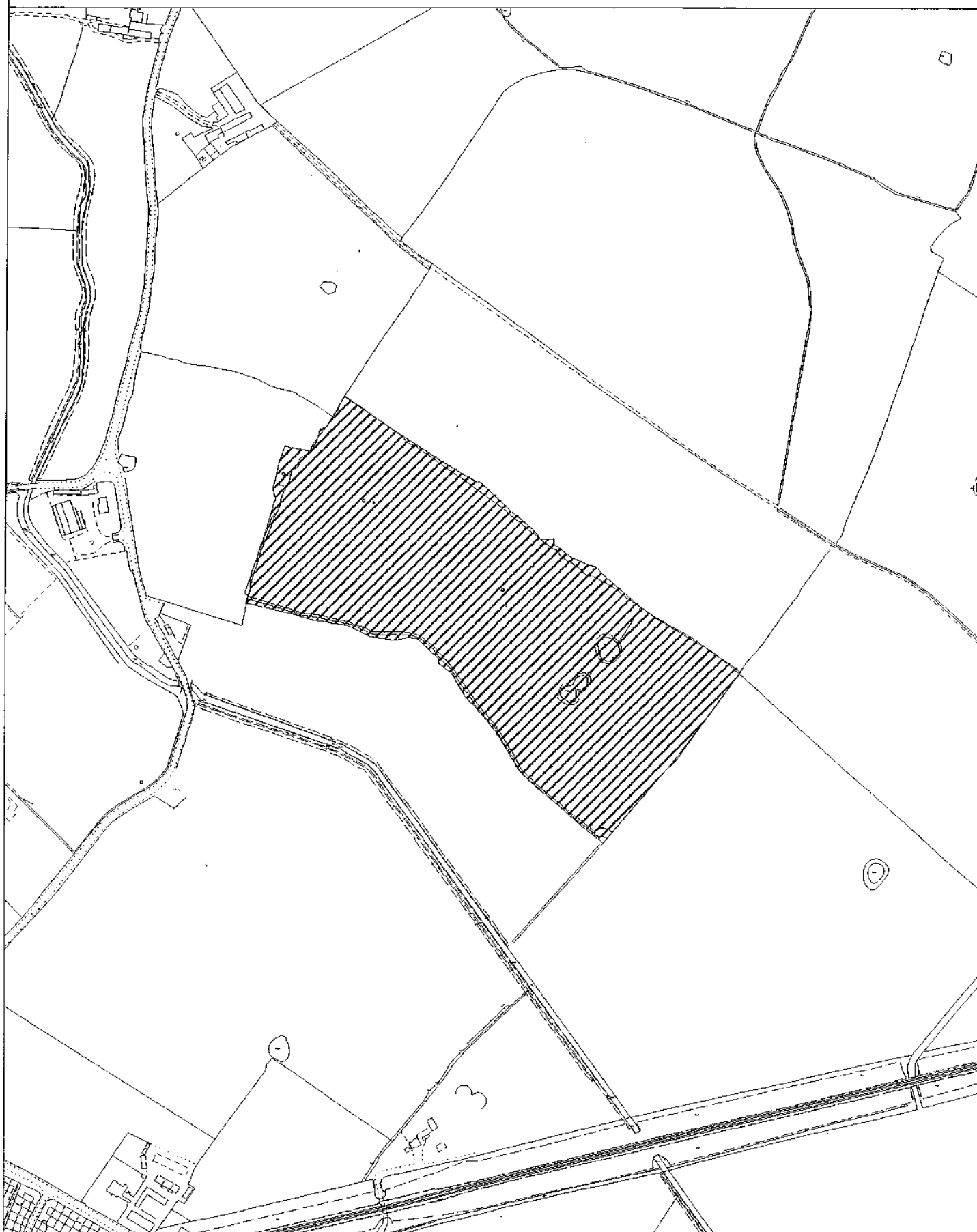
1 WCA Schedule 8	Hyacinthoides non-scripta (Bluebell)
1 species of conservation concern	Hyacinthoides non-scripta (Bluebell)
1 species of regional importance	Hyacinthoides non-scripta (Bluebell)
4 Locally rare species	Agrostis canina (Velvet Bent) Callitriche sp. (Water star-wort) Carex panicea (Carnation Grass) Malus sylvestris (Crab Apple)

SBI 26. Green's Bridge Plantation
Scale 1:5000

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Environmental
Advisory Service



Site name: Lee Park Golf Course**LWS Number 16****Site area:** 50.64 hectares**National Grid Reference:** SJ440879**Date of Designation:** November 2017**District:** Liverpool**Date of Last Revision:****CITATION:**

A golf course containing a mosaic of habitats which provides important wetland habitats. Ponds on site provide habitat for Great crested newt, smooth newt, common toad. Ponds support an assemblage of ten dragonfly species as well as the nationally scarce species galingale together with other wetland species. English bluebell is present within woodlands on site.

APPRAISAL:

This site has been evaluated against the North Merseyside Local Wildlife Sites Selection Guidelines which are approved by the Council for selection of Local Wildlife Sites. The site's evaluation against the guidelines is set out below.

Guideline		Comment
HABITATS		
H1	Rarity	4 Priority habitats; 1 regionally important habitats
H2	Diversity	11 habitats recorded
H3	Nearness	--
H4	Isolation	--
PLANTS		
Sp1	Rarity	1 Wildlife and Countryside Act species, 2 Regionally important species, 1 locally rare species.
Sp2	Diversity	A total of 110 plant species has been recorded.
Sp3	Naturalness	83.6% of the plants are native to the city. Colonisation has been aided by man and the site has been physically altered.
Sp4	Nationally rare	--
ANIMALS		
General		
Sp5	Rare and/or priority	--
Birds		
B1	Non-breeding population	--
B2	Breeding population	--
B3	Regionally rare or scarce	--
B4	Breeding assemblage	--
B5	Assemblage breeding, wintering, passage	--
Dragonflies		
Od1	Breeding	Guideline met - 10 species recorded.
Od2	Regionally rare or scarce	--
Butterflies		
Bf1	Regionally rare or scarce	--
Bf2	Breeding assemblage	--

Amphibians		
A1 A2	Rarity Exceptional population	Guideline met – Great crested newt --
Reptiles		
R1 R2	Population of native species Exceptional population	-- --
Bats		
Bat1 Bat2	Roost Assemblage	-- --
Mammals		
M1	Breeding	<i>Potential for water vole to be present but survey required to confirm.</i>

SUMMARY: The combination of these factors has led to this site being identified as a Local Wildlife Site.

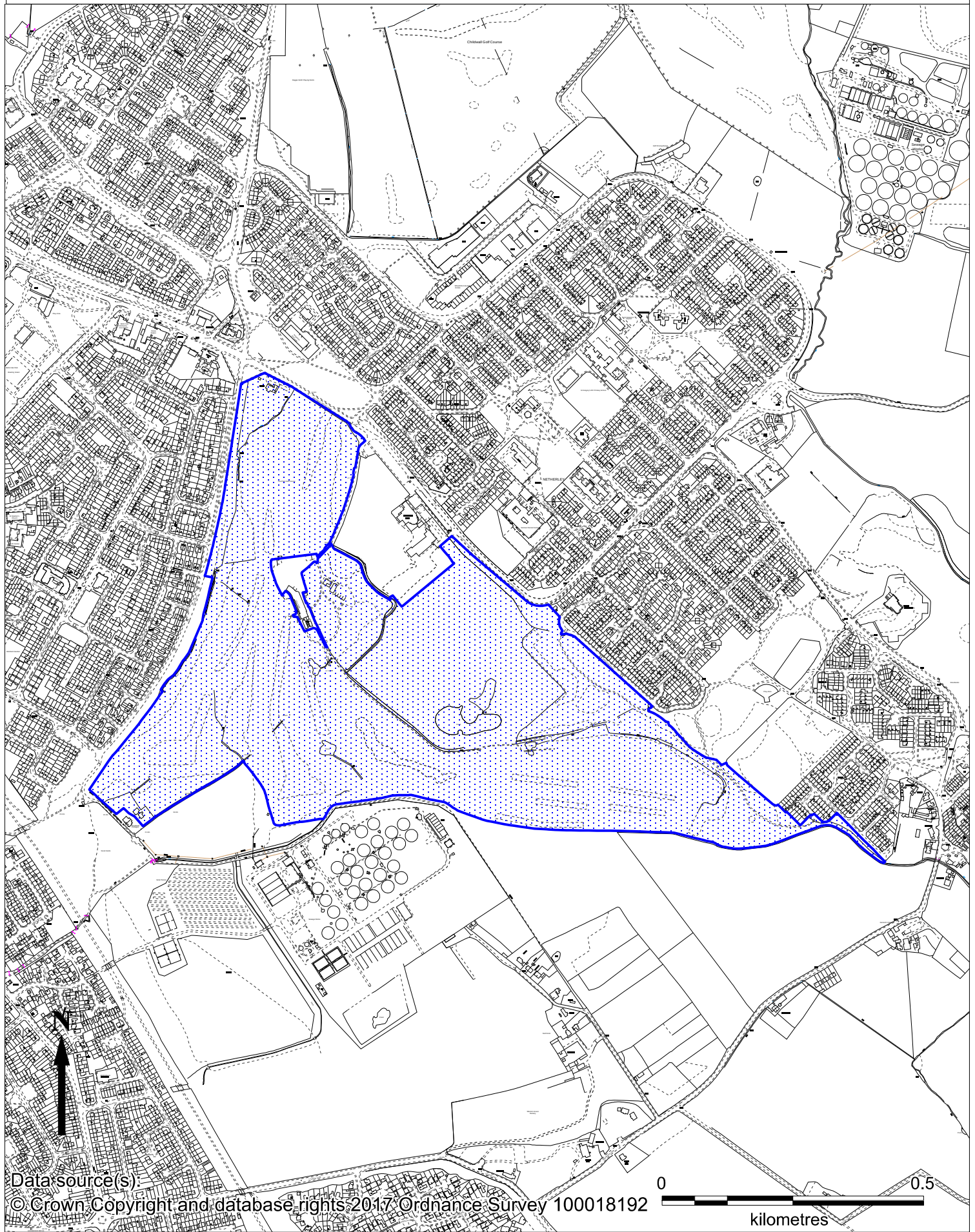
NOTE: Validated data from 1981 to November 2017 have been used in this assessment. Other data may become available to support this designation.

Local Wildlife Site qualifying features

<u>Habitats</u>	
Habitats recorded on site	Semi -natural broadleaf woodland Broadleaf plantation woodland Dense and/or continuous scrub Scattered trees Improved grassland Poor semi-improved grassland Tall ruderal herb Standing water - ponds Running water - brook Neutral semi-improved grassland
4 Priority Habitats	Semi -natural broadleaf woodland Standing water - ponds Neutral semi-improved grassland Running water - brook
1 Regionally Important habitats (North West Biodiversity Audit)	Ponds
<u>Plants</u>	
Diversity	An assemblage of 110 species recorded on site
1 Wildlife and Countryside Act species	English bluebell <i>Hyacinthoides non-scripta</i>
2 Regionally important species (North West Biodiversity Audit)	English bluebell <i>Hyacinthoides non-scripta</i> Galingale <i>Cyperus longus</i>
1 Locally rare species	Hedgerow Crane's-bill <i>Geranium pyrenaicum</i>
<u>Animals</u>	
Dragonflies – Od1	An assemblage of 10 species.

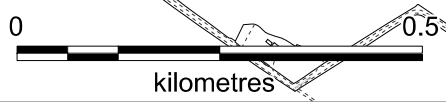
Amphibians – A1	Great crested newt

Local Wildlife Site 16
Lee Valley Golf Course
Scale: 1:5000



Data source(s)

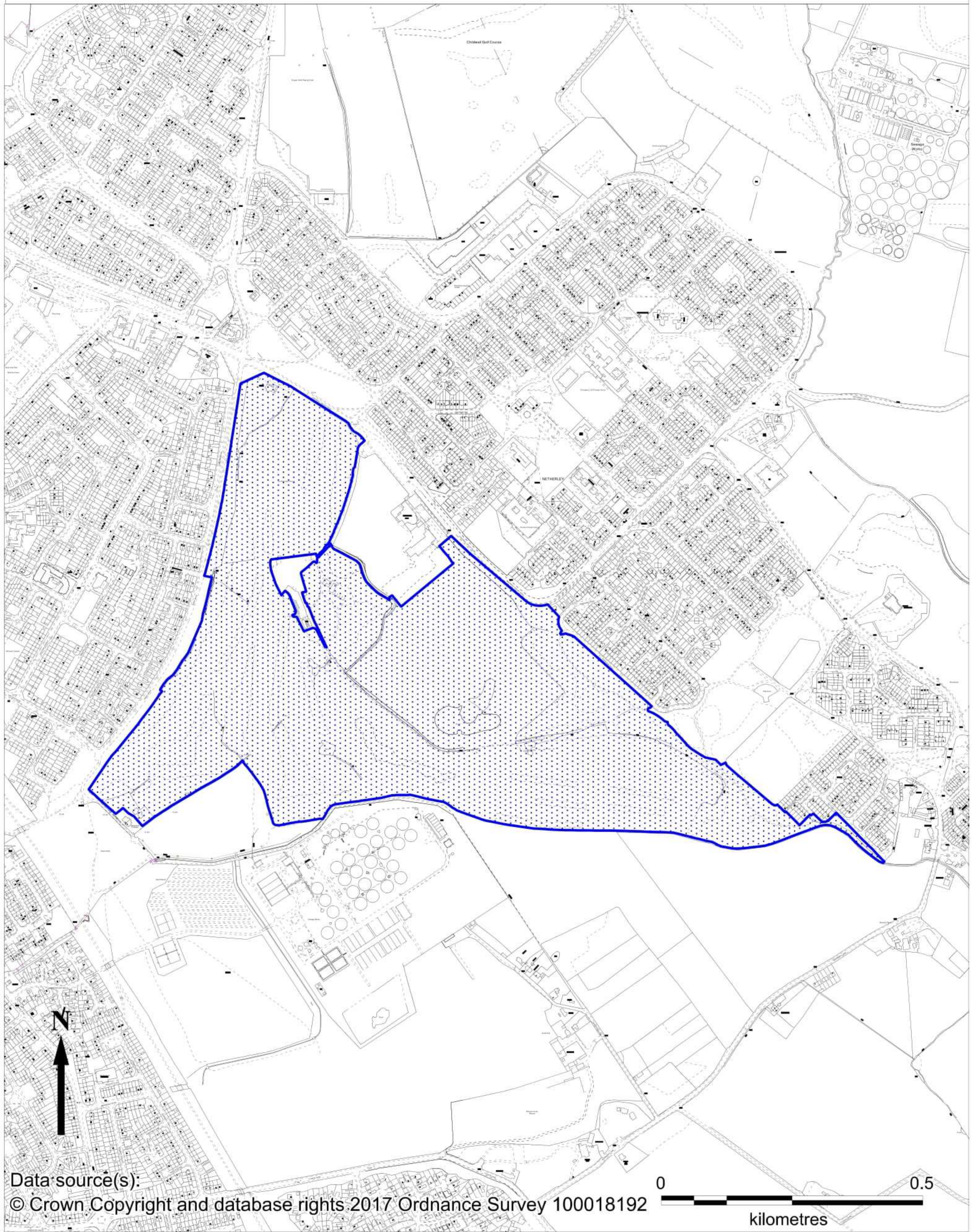
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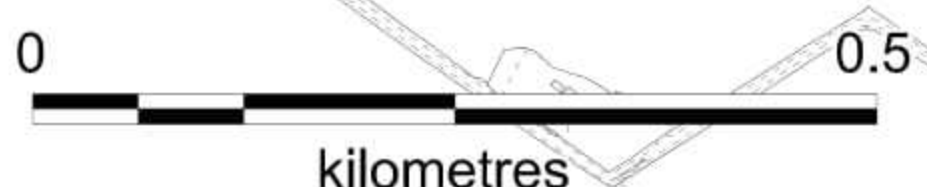
Local Wildlife Site 16
Lee Valley Golf Course
Scale: 1:5000



Merseyside
Environmental
Advisory Service



Data source(s):
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Site Name: Mill Brook, Netherley

Site Area: 0.19 hectares

National Grid Reference: SJ453880

Date of Designation: 2003

District: Knowsley

Date of Last Revision: July 2003

SBI Number: 73

CITATION: An open water course providing good water vole habitat.

APPRAISAL: This site has been evaluated against the guidelines approved by the Council for selection of Sites of Biological Interest. The site's evaluation against the guidelines is set out below.

Guideline		Comment
HABITATS		
H1;	Rarity	--
H2;	Diversity	--
H3;	Nearness	--
H4.	Isolation	--
PLANTS		
SP1;	Rarity	--
SP2;	Diversity	--
SP3;	Naturalness	--Colonisation has been aided by man and the site has been physically altered.
SP4.	Nationally Rare	--
ANIMALS		
General SP5;	Rare/priority	--
Birds		
B1;	Non-breeding population	--
B2;	Breeding population	--
B3;	Regional rare/scare	--
B4;	Breeding assemblage	--
B5.	Assemblage, breeding, wintering, passage.	--
Dragonflies		
Od1;	Breeding	--
Od2.	Regional rare/scarce	--
Butterflies		
Bf1;	Region rare breeding	--
Bf2.	Breeding assemblage	--
Amphibians		
A1;	Rarity	--
A2.	Exceptional populations	--
Reptiles		
R2;	Exceptional population	--
Bats		
Bat1;	Roost	--
Bat2.	Assemblage	--
Mammals		
Mam1.	Breeding	Guideline met – Water Vole.

SUMMARY: The combination of these factors has led to this site being identified as a Site of Biological Interest.

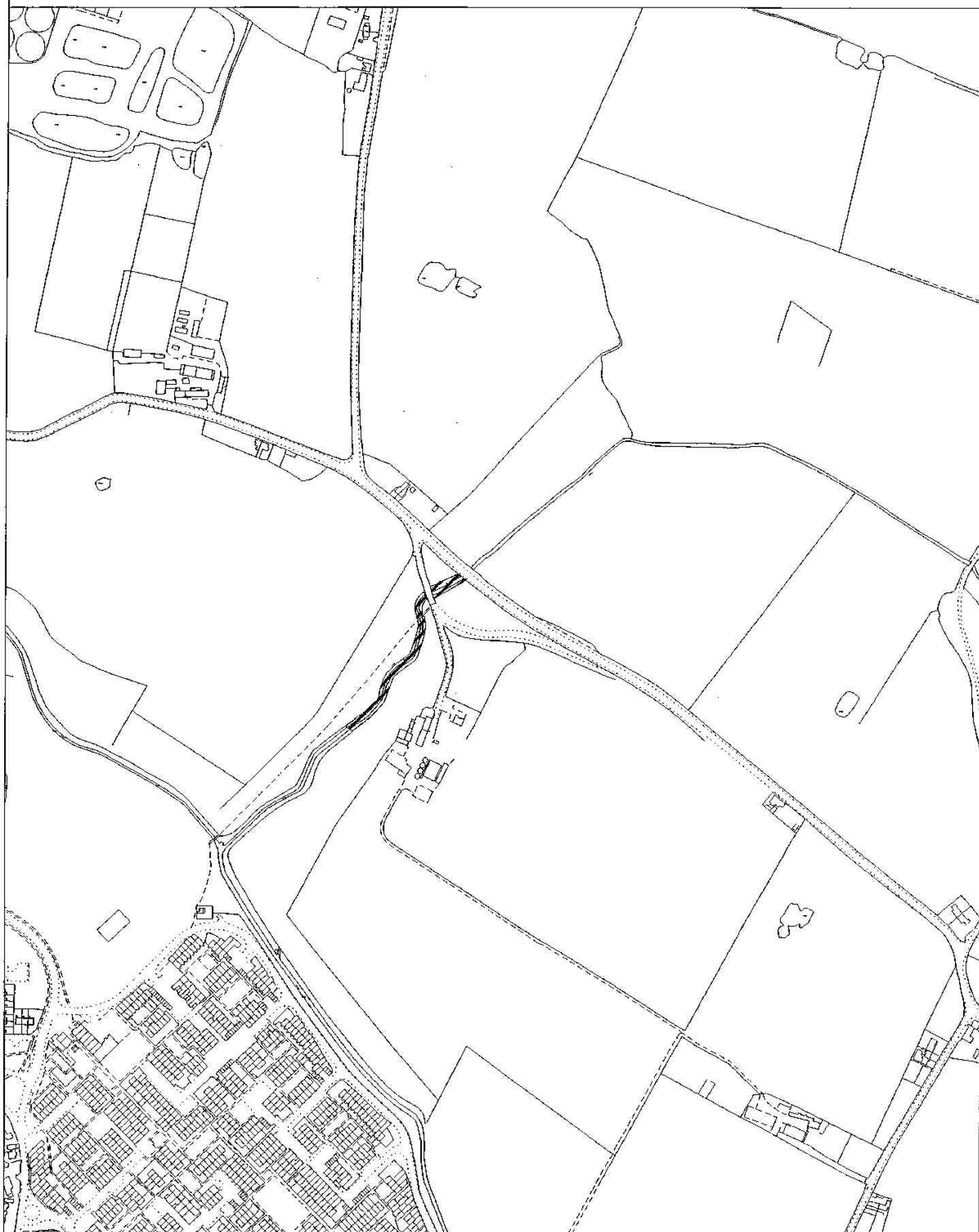
NOTE: Validated data from 1981 to July 2003 have been used in this assessment. Other data may become available to support this designation.

SBI 73. Mill Brook, Netherley
Scale 1:5000

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Environmental
Advisory Service



Status of features of nature conservation importance

<u>Habitats</u>	
4 Priority BAP Habitats	Mixed woodland semi-natural Neutral grassland unimproved Marshy grassland Standing Water
4 Regionally Important habitats	Mixed woodland semi-natural Neutral grassland unimproved Marshy grassland Standing Water
1 Locally uncommon habitats	Mixed woodland semi-natural
<u>Plants</u>	
1 Wildlife and Countryside Act – Schedule 8 species	English bluebell (<i>Hyacinthoides non-scripta</i>)
1 Species of conservation concern	English bluebell (<i>Hyacinthoides non-scripta</i>)
4 Regionally important species	Heath Spotted-orchid (<i>Dactylorhiza maculata</i>) Northern Marsh-orchid (<i>Dactylorhiza purpurella</i>) English bluebell (<i>Hyacinthoides non-scripta</i>) Birdsfoot (<i>Ornithopus perpusillus</i>)
36 Locally rare species Note that this list of locally rare species is derived from a species list in the report entitled “Knowsley, St Helens and Sefton Phase II Vegetation Survey: 26. Cronton Colliery and surrounds, Knowsley”. It covers a much larger area than that designated as the local site.	Early Hair-grass (<i>Aira praecox</i>) Kidney Vetch (<i>Anthyllis vulneraria</i>) Parsley-piert (<i>Aphanes arvensis</i>) Heather (<i>Calluna vulgaris</i>) Carnation Sedge (<i>Carex panicea</i>) Little Mouse-ear (<i>Cerastium semidecandrum</i>) Opposite-leaved Golden Saxifrage (<i>Chrysosplenium oppositifolium</i>) Enchanter's Nightshade (<i>Circaea lutetiana</i>) Early Marsh-orchid (<i>Dactylorhiza incarnata</i>) Heath Spotted-orchid (<i>Dactylorhiza maculata</i>) Northern Marsh-orchid (<i>Dactylorhiza purpurella</i>) Scaly Male-fern (<i>Dryopteris affinis</i>) Viper's-bugloss (<i>Echium vulgare</i>) Common Cottongrass (<i>Eriophorum angustifolium</i>) Wild Strawberry (<i>Fragaria vesca</i>) Common Ramping-fumitory (<i>Fumaria muralis</i>) Hedge Bedstraw (<i>Galium mollugo</i>) Lady's bedstraw (<i>Galium verum</i>) English bluebell (<i>Hyacinthoides non-scripta</i>) Moss sp. (<i>Hypnum jutlandicum</i>) Heath Rush (<i>Juncus squarrosus</i>) Field Scabious (<i>Knautia arvensis</i>) Rough Hawkbit (<i>Leontodon hispidus</i>) Heath Wood-rush (<i>Luzula multiflora</i>) Musk Mallow (<i>Malva moschata</i>) Wood Forget-me-not (<i>Myosotis sylvatica</i>) Red Bartsia (<i>Odontites vernus</i>) Common Restharrow (<i>Ononis reprens</i>) Birdsfoot (<i>Ornithopus perpusillus</i>) Moss sp. (<i>Polytrichum juniperinum</i>) Moss sp. (<i>Rhytididelphus squarrosus</i>) Gooseberry (<i>Ribes uva-crispa</i>) Goldenrod (<i>Solidaga viraurea</i>) Small-leaved Line (<i>Tilia cordata</i>) Ivy-leaved Speedwell (<i>Veronica hederifolia</i>)

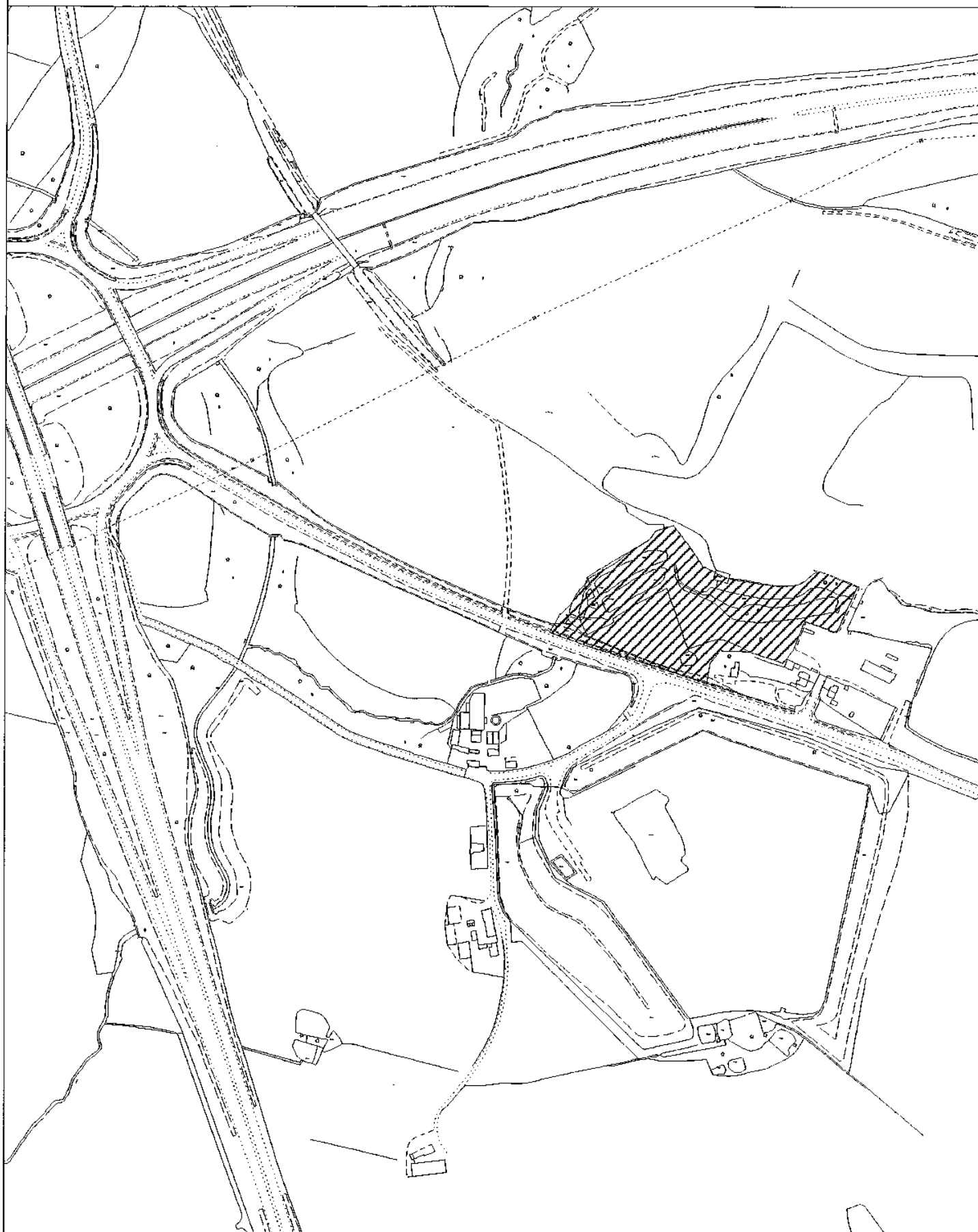
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SBI 19. Mine Waste, Cronton
Scale 1:5000

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Environmental
Advisory Service



Site name: Netherley Brook and Woods

Site area: 5.25 hectares

National grid reference: SJ447881

Date of designation: 2008

District: Liverpool

Date of last revision: March 2010

Local Wildlife Site number: 13

Citation:

The site is a mosaic of woodland, grassland and running water. It is the most isolated of Liverpool's Local Wildlife Sites but is close to farmland around Tarbock which is of interest for a range of principally farmland birds.

The woodland is of artificial origin and is dominated by Horse Chestnut and Sycamore but also contains lime, Aspen, Field Maple, Hawthorn and Silver Birch, with an understorey of bramble. A patchy ground flora includes Male Fern, Bluebell, Ivy, Lesser Celandine and Ramsons.

The main grassland areas are semi-improved and dominated by Perennial Rye-grass and Yorkshire Fog, but unkempt margins support a greater floristic diversity, including Meadow Foxtail, Common Vetch and several ruderal species.

The Netherley Brook supports a population of Water Voles. It supports some aquatic species including Marsh-marigold but the bankside vegetation is dominated by Great Willowherb and Indian Balsam.

Appraisal:

Guideline		Comment
HABITATS		
H1	Rarity	--
H2	Diversity	7 habitats recorded
H3	Nearness	--
H4	Isolation	--
PLANTS		
Sp1	Rarity	1 regionally important species; 4 locally rare species.
Sp2	Diversity	A total of 86 plant species was recorded during 2006-2007
Sp3	Naturalness	76% of the plants are native to the city.
Sp4	Nationally rare	--
ANIMALS		
<u>General</u>		
Sp5	Rare/priority	--
<u>Birds</u>		
B1	Non-breeding population	--
B2	Breeding population	--
B3	Regionally rare/scarce	--
B4	Breeding assemblage	--
B5	Assemblage breeding, wintering, passage	--
<u>Dragonflies</u>		
Od1	Breeding	--
Od2	Regionally rare/scarce	-
<u>Butterflies</u>		
Bf1	Regionally rare/scarce	--
Bf2	Breeding assemblage	--
<u>Amphibians</u>		
A1	Rarity	--
A2	Exceptional population	--
<u>Reptiles</u>		
R1	Population of native species	--
R2	Exceptional population	--
<u>Bats</u>		
Bat1	Roost	--
Bat2	Assemblage	--
<u>Mammals</u>		
M1	Breeding	Water Vole

SUMMARY: The combination of these factors has led to this site being identified as a Local Wildlife Site.

NOTE: Validated data from 1995 to 2008 have been used in this assessment. Other data may become available to support this designation.

Status of features of nature conservation importance

PLANTS

1 regionally important species

Bluebell *Hyacinthoides non-scripta*

4 locally rare species

Marsh-marigold *Caltha palustris*

Lesser Celandine *Ranunculus ficaria*

Common Dog-violet *Viola riviniana*

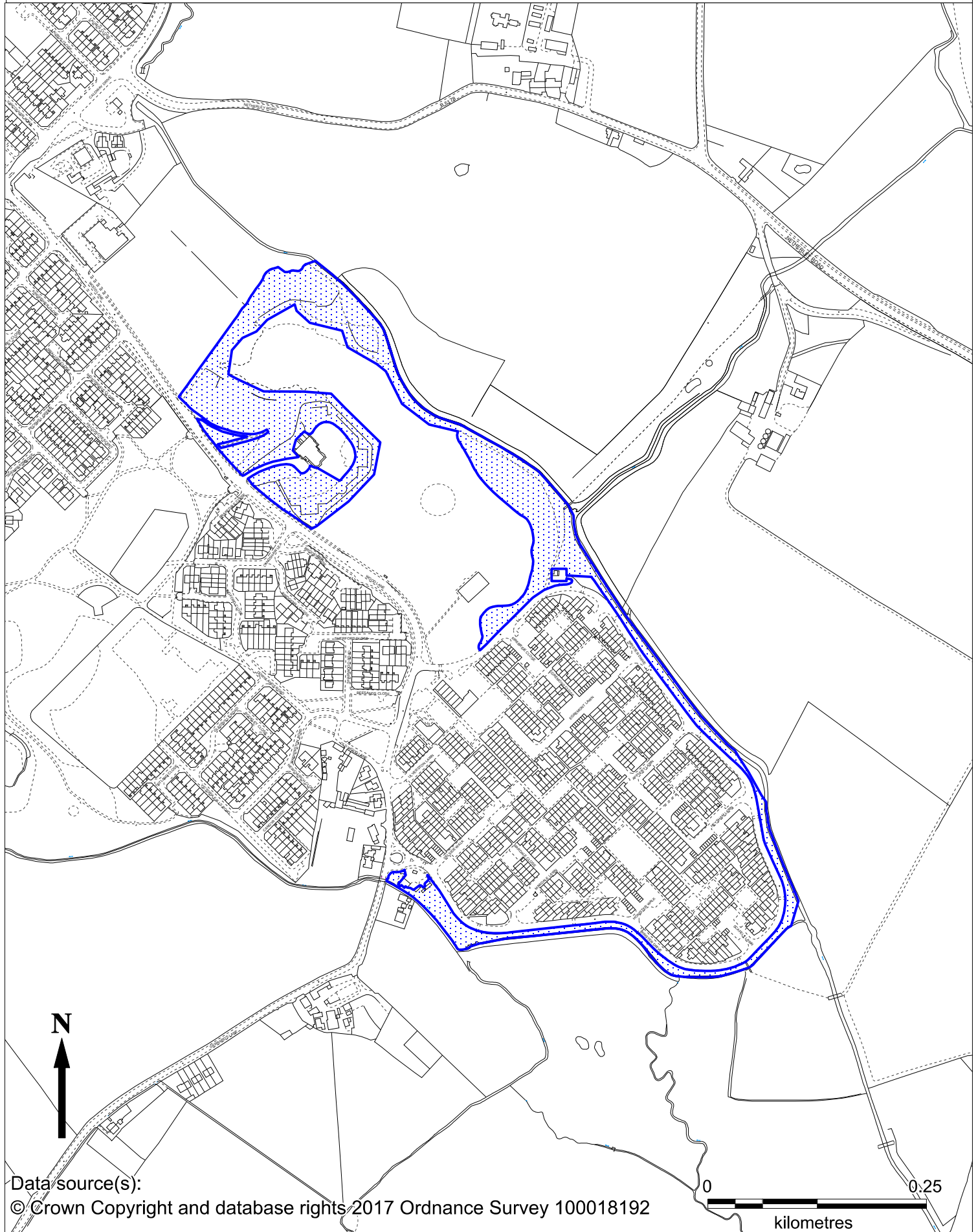
Broom *Cytisus scoparius*

ANIMALS

1 UK BAP Priority Species

Water Vole

Local Wildlife Site 22
Netherley Woods and Brook
Scale: 1:3000



Data source(s):
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0 0.25
kilometres

Site Name: Netherley Brook, tributary

Site Area: 0.2 hectares

National Grid Reference: SJ445874

Date of Designation: 2003

District: Knowsley

Date of Last Revision: July 2003

SBI Number: 72

CITATION: An open water course providing good water vole habitat.

APPRAISAL: This site has been evaluated against the guidelines approved by the Council for selection of Sites of Biological Interest. The site's evaluation against the guidelines is set out below.

Guideline		Comment
HABITATS		
H1;	Rarity	--
H2;	Diversity	--
H3;	Nearness	--
H4.	Isolation	--
PLANTS		
SP1;	Rarity	--
SP2;	Diversity	--
SP3;	Naturalness	Colonisation has been aided by man and the site has been physically altered.
SP4.	Nationally Rare	--
ANIMALS		
General SP5;	Rare/priority	--
Birds		
B1;	Non-breeding population	--
B2;	Breeding population	--
B3;	Regional rare/scare	--
B4;	Breeding assemblage	--
B5.	Assemblage, breeding, wintering, passage.	--
Dragonflies		
Od1;	Breeding	--
Od2.	Regional rare/scarce	--
Butterflies		
Bf1;	Region rare breeding	--
Bf2.	Breeding assemblage	--
Amphibians		
A1;	Rarity	--
A2.	Exceptional populations	--
Reptiles		
R2;	Exceptional population	--
Bats		
Bat1;	Roost	--
Bat2.	Assemblage	--
Mammals		
Mam1.	Breeding	Guideline met – Water Vole.

SUMMARY: The combination of these factors has led to this site being identified as a Site of Biological Interest.

NOTE: Validated data from 1981 to July 2003 have been used in this assessment. Other data may become available to support this designation.

**SBI 72. Tributary of Netherley
Brook**
Scale 1:5000

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Status of features of nature conservation importance PROVISIONAL LIST

Habitats

1 Priority BAP Habitats	B21 - Neutral grassland: unimproved
2 regionally important	B21 - Neutral grassland: unimproved B5 – Marshy Grassland
7 habitats recorded	A22 - Scrub: scattered A31 - Parkland and scattered trees: broadleaved B21 - Neutral grassland: unimproved B5 – Marshy Grassland C31 - Other tall herb and fern: tall ruderal F21 - Marginal/inundation: marginal G2 - Running water

Plants

2 locally rare species.	Sparganium emersum Potamogeton pectinatus
-------------------------	--

Total of 19 plant species

Animals

Water Vole

SBI 66. Netherley Brook.

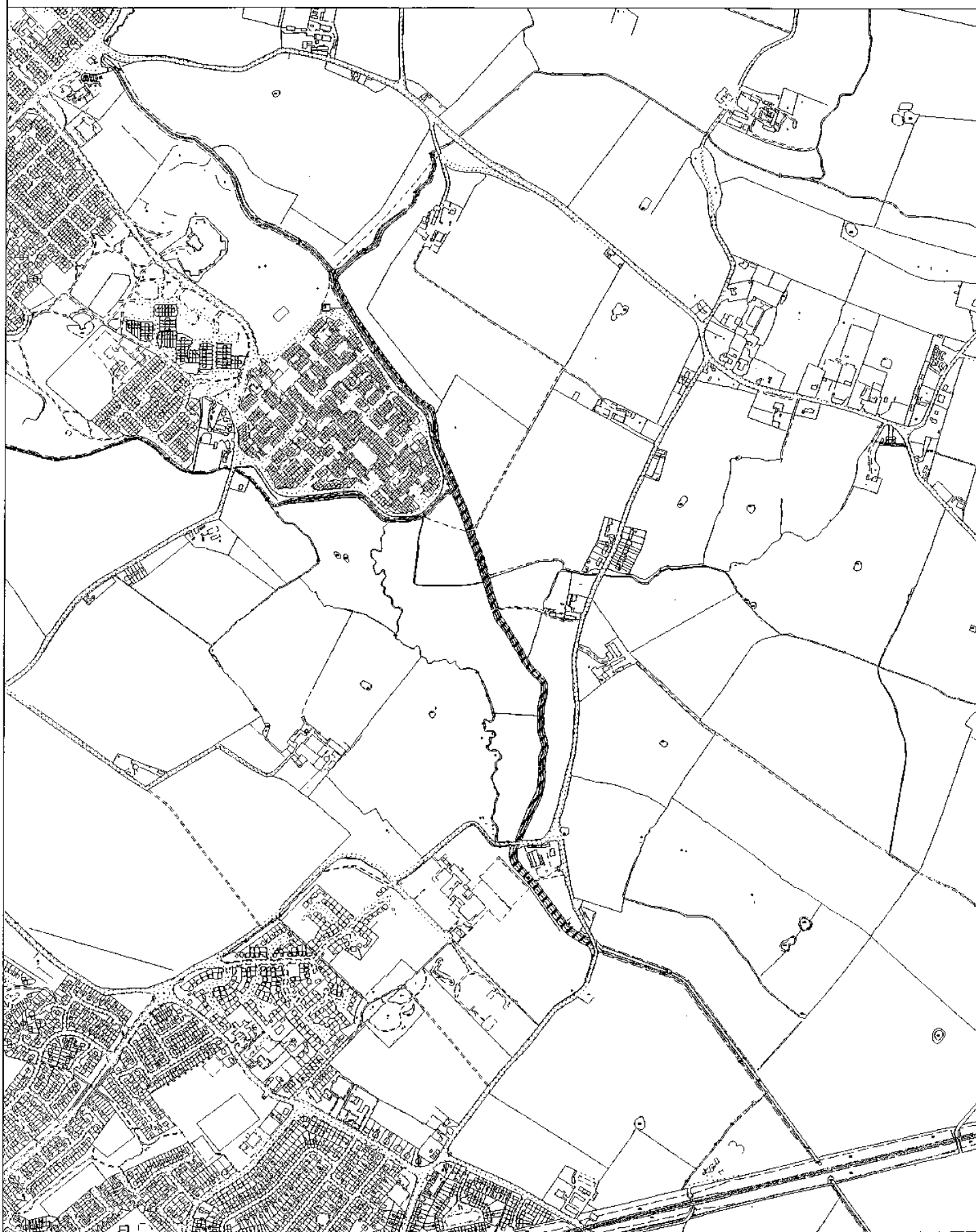
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Environmental
Advisory Service

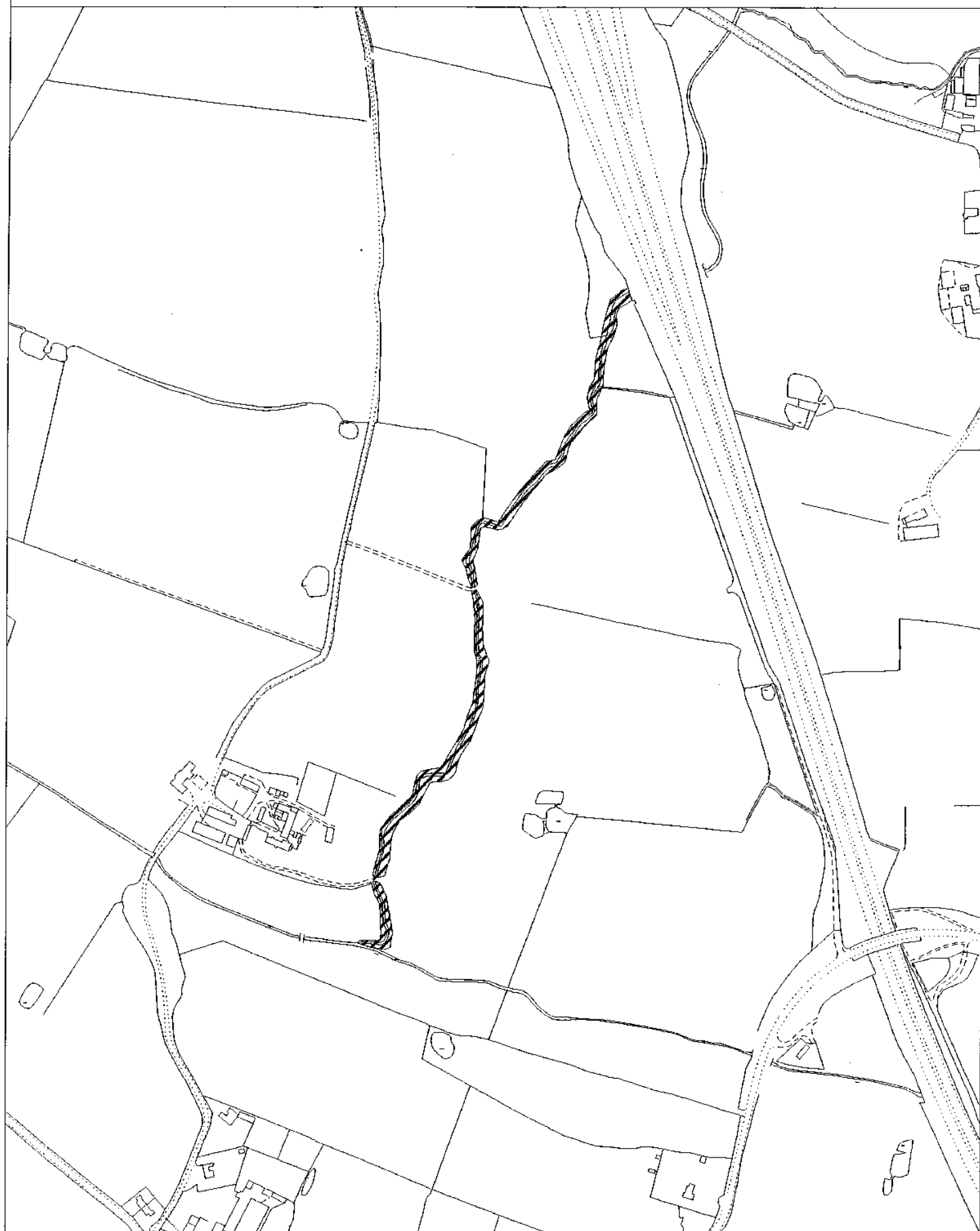


SBI 74. Ochre Brook, Tarbock
Scale 1:5000

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Environmental
Advisory Service



Status of features of nature conservation importance PROVISIONAL LIST

Habitats

2 regionally important.	B5 - Marsh/marshy grassland G1 - Standing water
8 habitats recorded	A111 - Woodland: broadleaved, semi-natural A22 - Scrub: scattered B5 - Marsh/marshy grassland C31 - Other tall herb and fern: tall ruderal F21 - Marginal/inundation: marginal G1 - Standing water G2 - Running water J4 - Bare ground

Plants

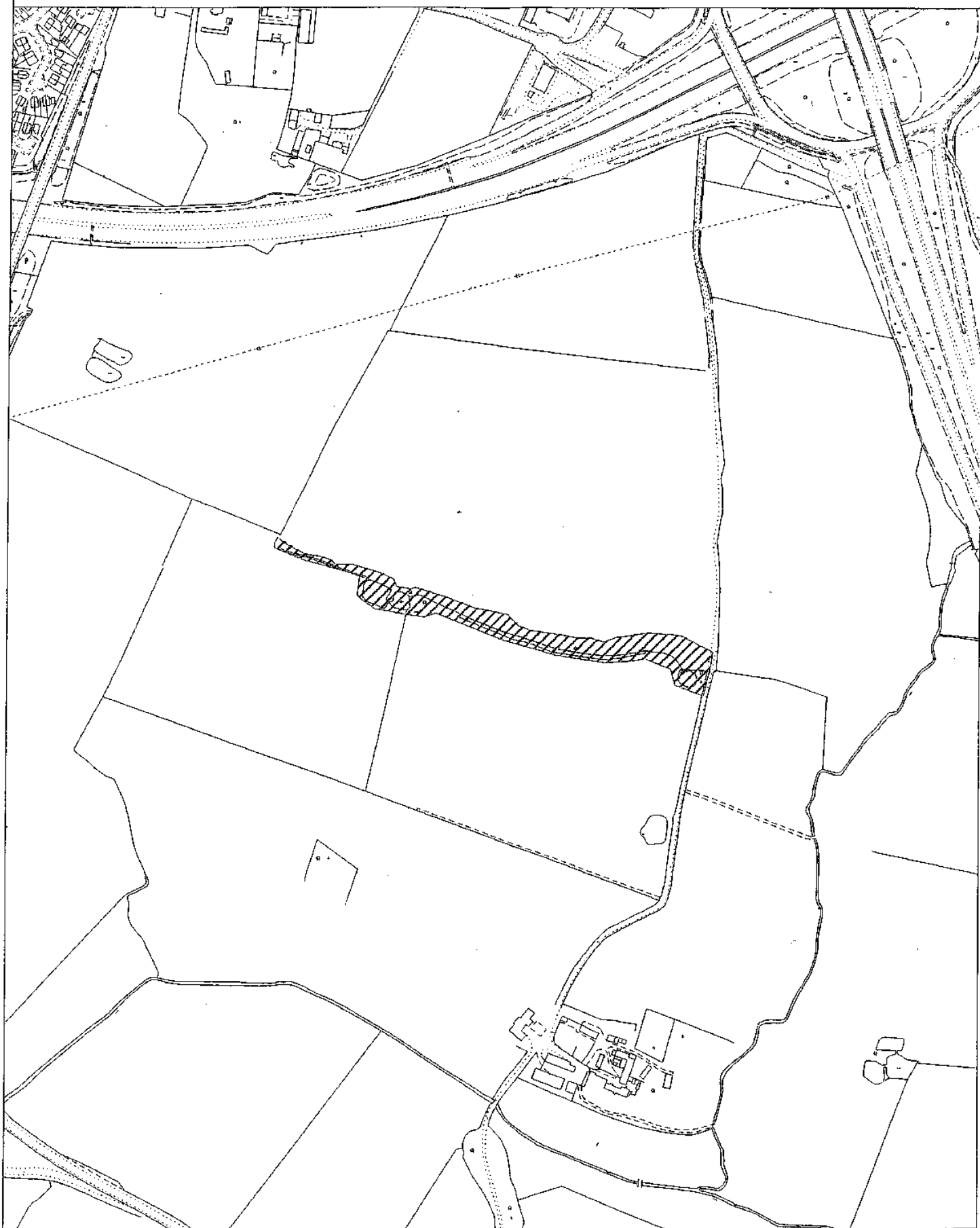
1 WCA Schedule 8	Hyacinthoides non-scripta
1 species of conservation concern	Hyacinthoides non-scripta
3 regionally important	Hyacinthoides non-scripta Symphytum officinale Tamus communis
1 locally rare species	Galeopsis bifida
Total of 79 plant species	

SBI 21. Ox Lane Wood, Tarbock
Scale 1:5000

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Compiled by EAS 30th August 2003



Environmental
Advisory Service



Site Name: Strettlles Bog, Tarbock

Site Area: 1.75 hectares

National Grid Reference: SJ466893

Date of Designation: 1995

District: Knowsley

Date of Last Revision: July 2003

SBI Number: 18

CITATION: A small area of broadleaf woodland and neutral grassland bisected by Chapel Brook.

APPRAISAL: This site has been evaluated against the guidelines approved by the Council for selection of Sites of Biological Interest. The site's evaluation against the guidelines is set out below.

Guideline		Comment
HABITATS		
H1; H2; H3; H4.	Rarity Diversity Nearness Isolation	1 regionally important. 9 habitats recorded. 31 sites within 1 Km.
PLANTS		
SP1; SP2; SP3; SP4.	Rarity Diversity Naturalness Nationally Rare	1 WCA Schedule 8; 2 species of conservation concern; 2 regionally important; 8 locally rare species. Total of 138 plant species. One of 34 sites with 100 or more species. 92.0% of the plants are native to North Merseyside. Colonisation has been unaided by man and the site has been physically altered. --
ANIMALS		
General SP5; Birds B1; B2; B3; B4; B5. Dragonflies Od1; Od2. Butterflies Bf1; Bf2. Amphibians A1; A2. Reptiles R2; Bats Bat1; Bat2. Mammals Mam1.	Rare/priority Non-breeding population Breeding population Regional rare/scare Breeding assemblage Assemblage, breeding, wintering, passage. Breeding Regional rare/scarc Region rare breeding Breeding assemblage Rarity Exceptional populations Exceptional population Roost Assemblage Breeding	-- -- -- -- -- -- -- -- -- -- -- -- -- -- --

SUMMARY: The combination of these factors has led to this site being identified as a Site of Biological Interest.

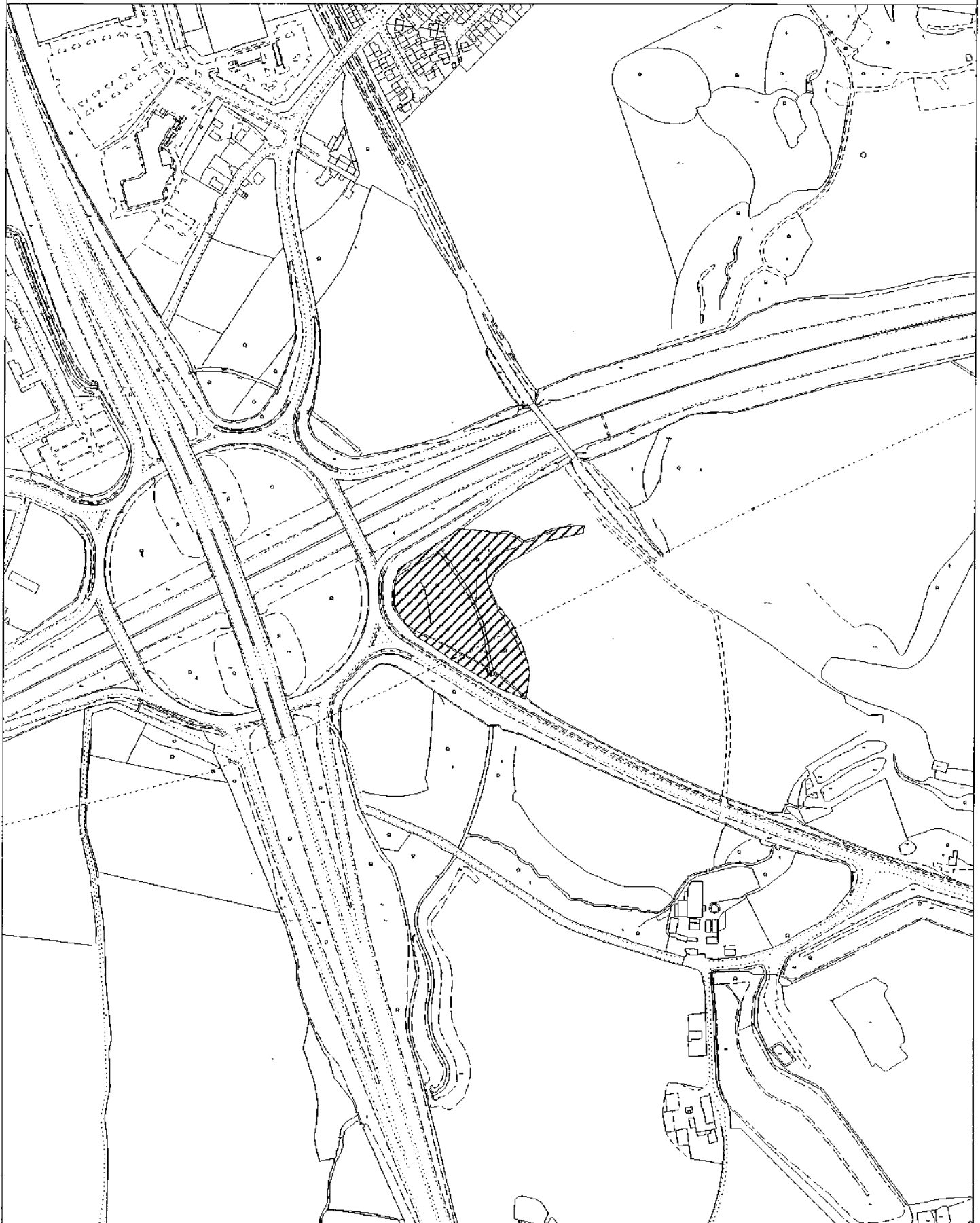
NOTE: Validated data from 1981 to July 2003 have been used in this assessment. Other data may become available to support this designation.

SBI 18. Strettlles Bog, Tarbock
Scale 1:5000

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Status of features of nature conservation importance PROVISIONAL LIST

Habitats

1 regionally important.	B5 Marshy Grassland
9 habitats recorded	A1.1.1 Woodland, Broadleaved, semi-natural A1.1.2 Woodland, Broadleaved, plantation A2.1 Scrub, dense/continuous A2.2 Scrub, scattered C3.1 Tall herb and fern, other, tall ruderal G2 Running water B5 Marshy Grassland B2.2 Neutral grassland, semi-improved C1.1 Bracken, continuous

Plants

1 WCA Schedule 8	Hyacinthoides non-scripta
2 species of conservation concern	Hyacinthoides non-scripta Ranunculus fluitans
2 regionally important	Hyacinthoides non-scripta Ranunculus fluitans
8 locally rare species	Anemone nemorosa Agrostis gigantea Chrysosplenium oppositifolium Circaea lutetiana Galeopsis bifida Hypericum tetrapterum Ranunculus fluitans Veronica hederifolia

Total of 138 plant species

Site Name: Tarbock Green Ditch

Site Area: 0.87 hectares

National Grid Reference: SJ465874

Date of Designation: 2003

District: Knowsley

Date of Last Revision: July 2003

SBI Number: 76

CITATION: An open water course providing good water vole habitat.

APPRAISAL: This site has been evaluated against the guidelines approved by the Council for selection of Sites of Biological Interest. The site's evaluation against the guidelines is set out below.

Guideline		Comment
HABITATS		
H1;	Rarity	--
H2;	Diversity	--
H3;	Nearness	--
H4.	Isolation	--
PLANTS		
SP1;	Rarity	--
SP2;	Diversity	--
SP3;	Naturalness	Colonisation has been aided by man and the site has been physically altered.
SP4.	Nationally Rare	--
ANIMALS		
General SP5;	Rare/priority	--
Birds		
B1;	Non-breeding population	--
B2;	Breeding population	--
B3;	Regional rare/scare	--
B4;	Breeding assemblage	--
B5.	Assemblage, breeding, wintering, passage.	--
Dragonflies		
Od1;	Breeding	--
Od2.	Regional rare/scarce	--
Butterflies		
Bf1;	Region rare breeding	--
Bf2.	Breeding assemblage	--
Amphibians		
A1;	Rarity	--
A2.	Exceptional populations	--
Reptiles		
R2;	Exceptional population	--
Bats		
Bat1;	Roost	--
Bat2.	Assemblage	--
Mammals		
Mam1.	Breeding	Guideline met – Water Vole.

SUMMARY: The combination of these factors has led to this site being identified as a Site of Biological Interest.

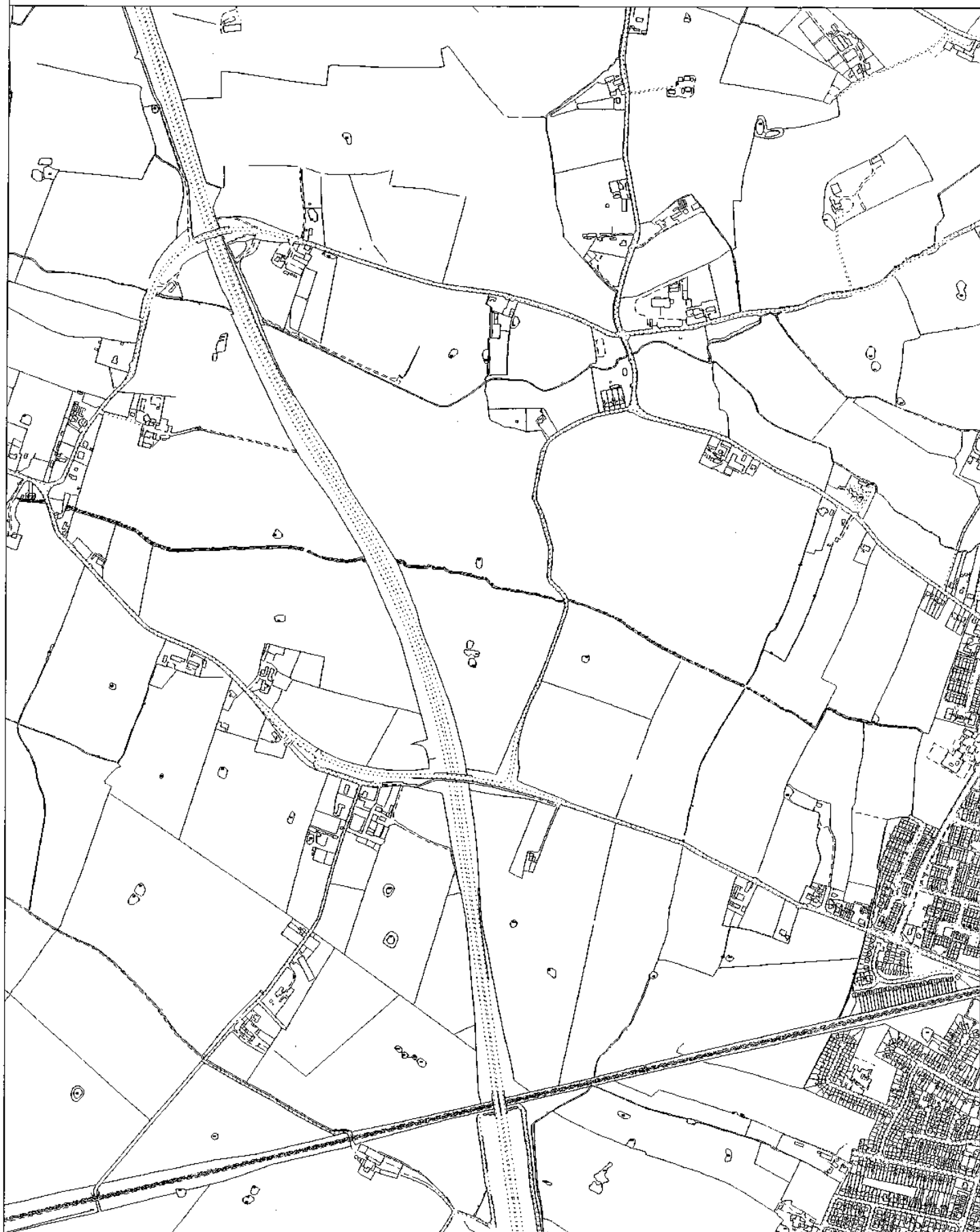
NOTE: Validated data from 1981 to July 2003 have been used in this assessment. Other data may become available to support this designation.

SBI 76. Tarbock Green ditch
Scale 1:10000

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Status of features of nature conservation importance PROVISIONAL LIST

Habitats

0 regionally important.

8 habitats recorded

A1.1.2 Woodland, broadleaved, plantation
A2.2 Scrub, scattered
C1.1 Bracken, continuous
C3.1 Tall herb and fern, other, tall ruderal
F2.1 Swamp, marginal and inundation, marginal
G2 Running water
J1.4 Misc. cultivated/disturbed land, introduced shrub
A1.1.1 Woodland, broadleaved, semi-natural

Plants

1 WCA Schedule 8

Hyacinthoides non-scripta

1 species of conservation concern

Hyacinthoides non-scripta

1 regionally important

Hyacinthoides non-scripta

4 locally rare species

Fallopia convolvulus
Persicaria lapathifolia
Valerianella locusta
Planago major

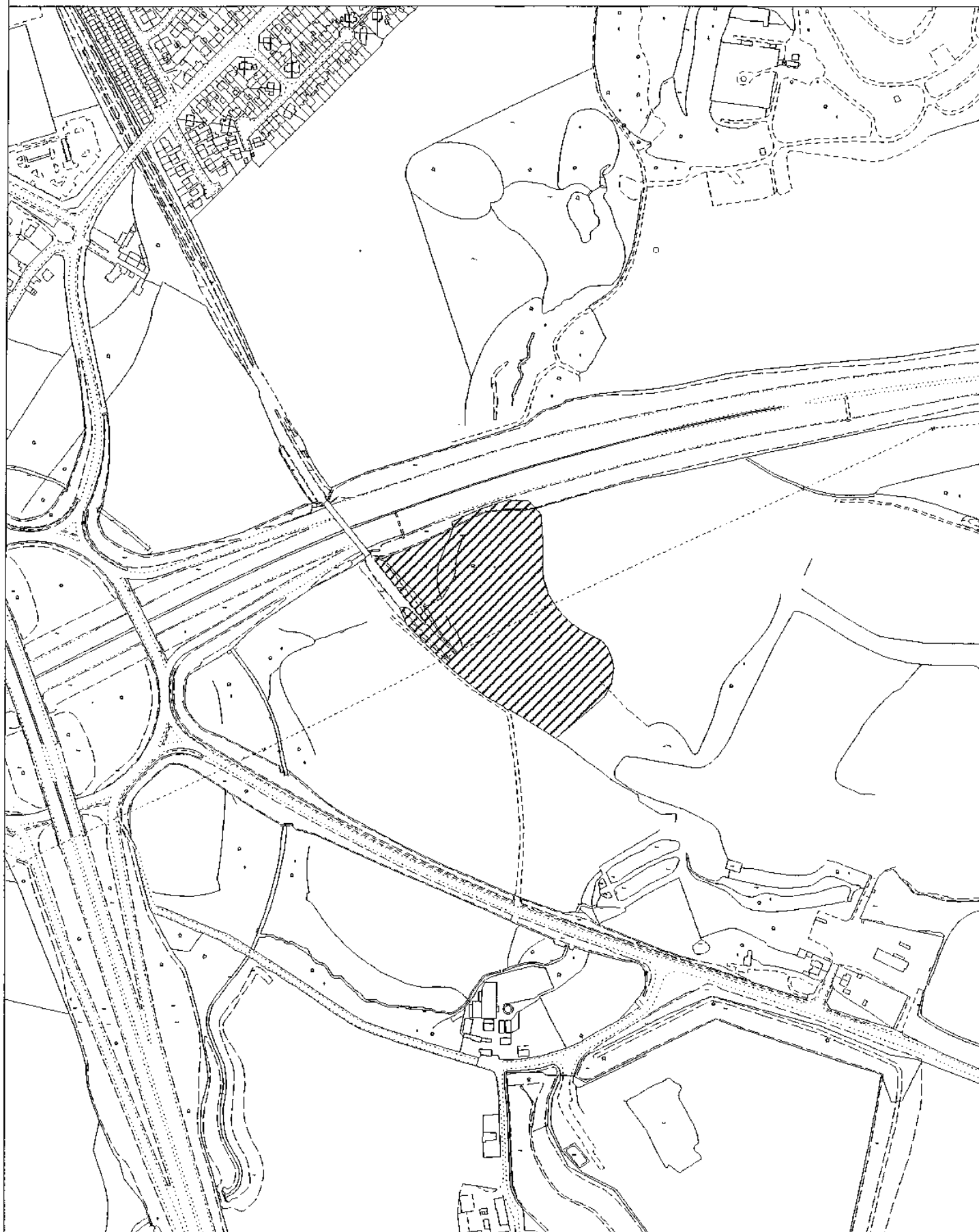
Total of 100 plant species

SBI 52. The Old Wood, south
Scale 1:5000

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Appendix 6

Great Crested Newt (GCN) Habitat Suitability Index (HSI) Assessment

Pond 1

SI ₁		SI ₂		SI ₃		SI ₄		SI ₅		SI ₆		SI ₇		SI ₈		SI ₉		SI ₁₀		Product	HSI	Suitability
Location		Pond Area		Pond Drying		Water Quality		Shade		Fowl		Fish		Ponds		Terrestrial Habitat		Macrophytes				
Zone A	1	<50m2	0.05	Dries Annually	0.1	Poor	0.33	0-60%	1	Absent	1	Absent	1	>12	1	Poor	0.33	1-5%	0.35	0.00019	0.4246	Poor

Pond 2

SI ₁		SI ₂		SI ₃		SI ₄		SI ₅		SI ₆		SI ₇		SI ₈		SI ₉		SI ₁₀		Product	HSI	Suitability
Location		Pond Area		Pond Drying		Water Quality		Shade		Fowl		Fish		Ponds		Terrestrial Habitat		Macrophytes				
Zone A	1	<50m2	0.05	Dries Annually	0.1	Poor	0.33	86-90%	0.4	Absent	1	Absent	1	>12	1	Moderate	0.67	1-5%	0.35	0.00015	0.4159	Poor