



Rhosrobin, Wrexham Ecological Assessment 2016

**TEP Report Ref 4731.01.001
Version 1.0
February 2016**

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**Rhosrobin,
Wrexham
Ecological Assessment 2016**

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for

Tier Consult

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G4731.002	Phase 1 Habitat Survey Plan
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1.0 SUMMARY

1. TEP was commissioned by Tier Consult to undertake an ecological assessment comprising an extended Phase 1 Habitat Survey, of a site proposed for residential development in Rhosrobin, Wrexham County Borough. This report updates the Phase 1 survey conducted by TEP in August 2014 and informs the new planning application for the revised development proposal.
2. Residential development is proposed within the red line area shown on Drawing G4731.002- Phase 1 Habitat Survey Plan.
3. A ground based assessment is required on trees found to contain features with potential to support bats.
4. Native hawthorn dominated hedgerows on site are a habitat of principal conservation importance in Wales as listed on Section 42 of the NERC Act 2006. Loss of native hedgerow habitat should be retained or replaced in the final landscape.
5. An arboricultural impact assessment will be required in accordance with BS 5837:2012.
6. Nesting birds are protected under the *Wildlife and Countryside Act 1981 (as amended)*. Any removal of vegetation should be undertaken outside of the nesting bird season (March – August inclusive). If this is not possible a pre-clearance check should be made by an ecologist on the day of removal.
7. New landscape planting including trees, will be incorporated into the site design as presented within the illustrative Masterplan drawing (Figure 1). These habitats will benefit a range of species including birds, bats and invertebrates. Tree planting should use native species, ideally of local stock.
8. Further habitat enhancement suggestions are included in the Recommendations chapter.

2.0 INTRODUCTION

- 2.1. TEP was originally commissioned by Tier Consult in August 2014, to carry out an ecological assessment of an area of land at Rhosrobin, North West of Wrexham. This report updates these findings to inform a new planning application for the revised development as shown on Figure 1 below.
- 2.2. The proposed development comprises the residential development of an area of land immediately west of the A483 which will accommodate up to 189 new housing units. Permanent green barriers will be implemented via a mixture of retained land and landscaping and a no-build buffer zone retained along the section of Wats Dyke that runs to the north east of the proposed residential build area.
- 2.3. This report has the following objectives:
 - to describe the existing site vegetation and give an overview of the broad habitats present on the site;

- to identify any features of conservation value such as legally protected species or habitats of biodiversity importance;
- to advise where further surveys or implementation of mitigation is required, prior to development of the site; and
- to outline any opportunities to provide biodiversity enhancement within site proposals.

3.0 SITE DESCRIPTION

- 3.1. The area considered within this report is located immediately west of the A483 at central grid reference SJ 333 528. The site is bounded to by the main rail line to the west and by roads associated with residential and industrial units to the north and south. The area of the site due for development covers approximately 6.31 ha of the overall total site area of 15.78 ha and comprises a large area of improved and semi improved grassland, derived from former pasture land, with some pockets of scrub and tall ruderal vegetation, hedgerows and remnant hedgerows. Mixed plantation linear copses form the eastern boundary with the A483 and scattered trees and willow scrub are present throughout.
- 3.2. Proposals for the site are presented at Figure 1 below and comprise a residential development of up to 189 housing units within the south western extent of the site. Permanent green barriers and open space will form an integral part of the development along with landscape planting.



Figure 1: Rhosrobin - Illustrative Masterplan

4.0 METHODS

Phase 1 Habitat Survey

- 4.1. The Phase 1 Habitat of survey the Rhosrobin site was undertaken by TEP Principal Ecologist Marj Nadouce MCIEEM, on 19th January 2016.
- 4.2. The survey was carried out in accordance with the Phase 1 habitat assessment methods (JNCC 2010) and Guidelines for Preliminary Ecological Appraisal (IEEM 2012). The survey provides an overview of key habitats and identifies any features of ecological value, as well as the presence, or potential presence, of any protected or notable species.
- 4.3. This report considers land within the red line area shown on Drawing G4731.002 Phase 1 Habitat Survey Plan.
- 4.4. Target notes and a species list provide a list of plant species and features characterising the immediate area, along with any additional descriptive information

thought to be of relevance to the development proposal. Target notes and the species list from the habitat survey are presented at Appendix 1.

Desktop Study

- 4.5. Information including historic species records and protected sites information within a 1km radius of the site was gathered from the sources listed in Table 1.

Table 1: Ecological information and consultations

CONSULTEE/SOURCE OF INFORMATION	NATURE OF INFORMATION
Magic Map	Maps showing legally protected areas & protected sites
Nature on the Map	Protected habitats and sites, designations and land use.
COFNOD (Local Biodiversity Records Centre)	Data records of protected species and habitats. Non statutory protected

5.0 RESULTS

Desktop Study

- 5.1. A summary of the results of the desktop study are set out in Table 2. Data obtained to inform the 2014 are still considered valid and have been used to inform this updated report.
- 5.2. Protected species records were obtained from the local records centre for north east Wales (COFNOD). The summary of species included within Table 2 is not exhaustive. The full list of species records for the site is presented at Appendix 2.
- 5.3. Table 2 summarises protected species present within 1km of the site which are also included on S42 of the NERC Act 2006 and as such, are of Principal Importance in Wales.
- 5.4. Additional desk study data has been compiled where possible, using freely available online sources as listed in Table 2 below.

Table 2: Desktop study results

Source	Protected/important species records, protected sites and habitats within 1km of the site	Metres from site/grid reference	Direction from site
COFNOD	Bryn Alyn and Wormswood Local Wildlife Site	493m	North
	Woodlands and Fishpond Wood Local Wildlife Site	865m	Not known

Source	Protected/important species records, protected sites and habitats within 1km of the site	Metres from site/grid reference	Direction from site
Magic Map	Gatewen Marsh SSSI	1.5km	South west
COFNOD	(Mammals) Common Pipistrelle Badger	Within 1km of site	
COFNOD	(Reptiles/Amphibians) Common lizard Grass snake Great crested newt Adder		
COFNOD	(Birds) Yellowhammer Skylark Reed bunting Grasshopper warbler Yellow wagtail		

- 5.5. Satellite imagery and Ordnance Survey maps were used to identify the locations of any waterbodies present within the wider landscape. No ponds were recorded within 500m.

Habitats

- 5.6. Broad habitat across the site is dominated by a large open area of semi-improved and improved grasslands. Intact and remnant hedgerows are present as are small areas of transitional vegetation where scrub and tall ruderal cover converge. A large number of mature oak trees are present throughout the site. These are considered to have a high biodiversity value, both within the context of the site and wider area and are likely to form component parts of commuting and foraging habitat for species such as bats.

- 5.7. The following habitats are present within the site boundary:

- Improved grassland
- Marshy grassland
- Hedgerows
- Scattered broadleaved trees
- Tall ruderal herbs
- Scattered and dense/continuous scrub
- Semi-dry ditch

Improved grassland

- 5.8. A large area of improved grassland forms the North West section of the site. This area has low species diversity and is subject to management for arable production. Tall ruderal herbs and scattered trees are infrequent along the western edge of this section.

Marshy Grassland

- 5.9. A small area of marshy grassland was located near to the centre of the site. This area had expanded considerably since the 2014 visit, with flooding expanding across the hedgerow and into the improved grassland field to the north and along the line of trees and scrub to the south.
- 5.10. Species diversity within this area was low but indicative of marshier habitats with species such as soft rush *Juncus effusus* occurring amongst dominant rye grass *Lolium perenne*. The presence of such species indicates that this area remains wet to some extent, on a permanent basis but may be ephemeral during prolonged dry spells or periods of high temperatures.

Hedgerows

- 5.11. Hawthorn *Crataegus monogyna* dominated hedges form the northern and partial southern boundaries of the site along Plas Acton Road and Fford Fawr. These hedges appear well maintained and in relatively good condition. The hedge along Plas Acton Road is intact and contains occasional hazel *Corylus avellana* and sycamore *Acer pseudoplatanus* saplings.
- 5.12. A number of defunct hedgerows are present within the site and are located along former field boundaries. It is not possible to ascertain the full extent or species previously contained within these hedges as remaining species are limited to scattered trees with small linear stands of willow *Salix sp.* and a variety of common scrub species.

Scattered broadleaved trees

- 5.13. There a large number of mature oak *Quercus robur* trees throughout the site with occasional ash *Fraxinus excelsior*, sycamore and willow within the site. A number of the mature oaks were noted as having dense ivy cover and evidence of decay i.e. rot holes (TN's 1-4 & 6-7). Features such as these are considered to be of biodiversity value to species such as bats.
- 5.14. A wooded, linear copse forms the boundary of the site along the A483 and comprises a range of tree species which include hawthorn, elm *Ulmus minor vulgaris*, oak and beech *Fagus sylvatica*. This largely contiguous line of trees is likely to provide a degree of connectivity between the site and woodland habitat and the linear corridor of the River Alyn to the north.

Tall ruderal herbs

- 5.15. Extensive areas of this type of vegetation, dominated by rosebay willowherb *Epilobium angustifolium* and broad leaved dock *Rumex obtusifolius* were noted during the survey, in particular along the southern boundary of the site along Fford Fawr. Other notable areas of tall ruderal vegetation grading into scattered scrub, were also present around the areas of the former pond (TN5). These areas contained dense patches of nettle *Urtica dioica* and rosebay willowherb, as well as mixtures of several species of tall herb.

Scattered & Dense/Continuous Scrub

- 5.16. Significant areas of dense and scattered scrub were noted within the site. In many areas, scrub vegetation was dominated by willow with occasional buddleia *Buddleia davidii* and a scattered ground cover of bramble *Rubus fruticosus* and nettle.

Semi-dry Ditch

- 5.17. A semi-dry ditch runs from the area where a former pond has now dried out, along the hedge line to the centre of the site. At the time of survey, the ditch was found to contain a low level of water however, it is anticipated that the ditch remains dry for most of the year based on the presence of terrestrial vegetation within. The ditch does not appear to link in to any other watercourses.

Protected and invasive plant species

- 5.18. No protected plant species or invasive species included on Schedule 9 (Wildlife and Countryside Act 1981) were found during the survey.

Fauna

Bats

- 5.19. Records indicate the presence of common pipistrelle bat *Pipistrellus pipistrellus* within 1km of the site. No other records of bat were returned during the desk study however, this is most likely due to paucity in record submissions as opposed to a widespread absence of bat species. Flintshire Local Biodiversity Action Plan (BAP) Species.
- 5.20. There are a number of mature oak trees within the site which are considered to have potential to support roosting bats. (TN's 14 & 6-7). These trees are noted as the most likely to support bats based on the presence of features such as decay holes, crevices, dense ivy cover etc. Trees highlighted as Target Notes are however, indicative only, and a full tree assessment may reveal additional trees containing features favoured by bats.
- 5.21. Bats are highly mobile and it is very likely that they are present within the wider local area, including the woodlands to the north of the site. Tree lines, including the linear copse adjacent to the A483, watercourses and hedges within and outside of the site may also offer potential foraging and commuting habitat for bats.

Birds

- 5.22. The trees, hedgerows, scrub and grassland vegetation all provide potential nesting habitat for birds, including ground nesting species such as skylark.
- 5.23. Records of numerous bird species were returned as part of the desk study including a number of birds listed on Schedule 1 of the Wildlife and Countryside Act 1980 such as barn owl, yellowhammer and skylark.
- 5.24. There is potential low value hunting habitat for barn owl *Tyto alba* within the site, most likely considered to be along grassland margins as this area may be host to small mammals. There are no built structures present within the site that are considered to be suitable for barn owl nesting however, some of the trees may contain suitable holes that the species may use for nesting.

- 5.25. Incidental sightings of birds encountered during the survey included wood pigeon, buzzard, blackbird and wren. These species are common and widespread birds, typical of garden, urban or woodland edge habitats.

Amphibians

- 5.26. OS maps and historic aerial imagery of the site indicate a pond located near the south east corner of the site. During the survey, this pond was found to be no longer present and this area is currently densely vegetated.
- 5.27. There are numerous records of great crested newt within 1km of the site however, all of these are located over 800m west of the site and there is no breeding habitat i.e. suitable ponds or viable habitat corridors that could be used by GCN between the two areas. In addition, the site is bounded on all sides by major road barriers which would present a significant barrier to newt dispersal.
- 5.28. There are no other suitable water bodies within 250m the site that may support great crested newt or other amphibians.

Water Vole

- 5.29. There are no suitable water bodies or open watercourses within the site that may support water vole.

Reptiles

- 5.30. The site was assessed for its potential to support reptiles. Habitats suitable for supporting reptile populations are not extensive across the site however; there are some areas of dense scrub vegetation which may offer opportunities for shelter for reptile species. The area is overall, lacking in any features generally considered to be favoured by reptiles e.g. rubble/wood piles, rock exposures.
- 5.31. The majority of the site comprises improved and semi-improved grassland with a small area of marshy grassland and tall ruderal herbs which are not considered to be ideal reptile habitat.
- 5.32. The site overall is relatively isolated in terms of its connectivity with other areas that may support reptiles. The public footpath and recreational use of the site are also likely to reduce the suitability of this area for reptiles. The site is therefore considered, ultimately, to have a low potential to support reptiles.

Badger Survey

- 5.33. A small number of badger records were returned as part of the desk study. Badger records are treated as confidential and as such it is not possible to identify specific locations.
- 5.34. No evidence of badger e.g. latrines, hairs, prints were observed within the site during the survey. A number of holes were noted along the southern end of the section of Wats Dyke (TN8). These holes were inspected where access was possible and are most likely to be used by rabbit, based on the size and shape. The site is not considered to offer suitable badger sett building habitat due to its open and exposed location and lack of significant areas of dense cover but may offer some foraging habitat for the species.

6.0 CONCLUSIONS

Protected Sites

- 6.1. There are no statutorily protected sites within 1km of the Rhosrobin site. The closest statutory site is the Gatewen Marsh SSSI, located over 1.5km from the site.
- 6.2. The closest non statutory sites are the Bryn Alyn & Wormswood and the Woodlands & Fishpond Wood Wildlife sites, located at 493 and 865m respectively, away from the site.
- 6.3. Given the distance of the development from the Wildlife Sites, it is unlikely that development will have any direct effect on them. There are no pathways by which anticipated effects of development at the site would adversely impact the designated site. As such there are currently no implications for development with regard to the impacts of designated sites.

Protected Habitats

- 6.4. The native hawthorn dominated hedgerows are a habitat of principal conservation importance in Wales, as listed on Section 42 of the NERC Act 2006. Hedgerows also serve to create connectivity across the site.
- 6.5. No protected plants were recorded during the course of field survey. No non-native invasive plants were identified on site.

Protected Species

- 6.6. A number of protected species are known to be present within 1km of the site, some of which are also listed on Section 42 of the NERC Act 2006 as species of principal conservation importance in Wales.
- 6.7. There are a number of trees within the site that may have potential to support roosting bats.
- 6.8. The wider site supports a varied breeding bird assemblage, including barn owl, a statutorily protected species listed on Schedule 1 of the Wildlife and Countryside Act 1981. Site clearance, if timed inappropriately, may result in the disturbance of nesting birds. This would be an offence under the Act. Mitigation will be required to avoid destruction or disturbance of nests, while compensation would be required to offset loss of nesting habitats that will most likely result from site clearance.
- 6.9. There are no suitable habitats present that may support great crested newt or water vole. There are no implications for development in respect of these species.
- 6.10. No evidence of badger has been identified on site. A number of holes noted along Wats Dyke are likely to be rabbit however, the site may offer some foraging habitat for badger.
- 6.11. The site generally has low potential to support reptiles and there are limited opportunities within the wider landscape that may allow reptiles to disperse to the site.

although some areas of suitable habitat exist within areas of transitional scrub vegetation.

7.0 RECOMMENDATIONS

- 7.1. Standard protection measures for trees and hedgerows must be implemented in accordance with BS 5837:2012 and an arboricultural impact assessment (AIA) will be required. Where feasible, intact hawthorn hedges should be retained within the development proposals in order to maintain habitat connectivity around the site.
- 7.2. A ground based assessment for bats should be undertaken in order to ascertain likelihood of bat presence within suitable trees. This assessment should be undertaken by a licenced ecologist who will assess each suitable tree and assign a Category rating in accordance with Bat Conservation Trust (BCT) Guidance. The findings of this assessment will inform the requirement for further survey and mitigation should it be required. This assessment may be carried out at any time of the year but should be considered in advance of the bat survey season to enable sufficient time for surveys to be scheduled into the development programme.
- 7.3. The ground based bat assessment will simultaneously consider the use of trees with suitable features with regard to barn owl use. Signs of use or nesting activity by barn owl will be noted and recommendations made for further survey and mitigation where required.
- 7.4. Nesting birds are protected under the Wildlife and Countryside Act 1981 (as amended). Any removal of vegetation should be undertaken outside of the nesting bird season (March – August inclusive). If this is not possible a pre-clearance check should be made by an ecologist no more than 24 hours in advance of removal.
- 7.5. As a precautionary measure, a pre-construction survey for badger should be undertaken prior to any vegetation or ground clearance works. Holes noted along Wats Dyke should be re-checked to confirm use or status has not changed.
- 7.6. Whilst the risk of encountering reptiles is considered to be low, a precautionary approach with regard to vegetation clearance is recommended. Areas of suitable scrub should be staged strimmed under ecological supervision to ensure no harm comes to any reptiles that may be present.
- 7.7. New structure planting, trees and hedgerows should be incorporated into the site design; these habitats will benefit a range of species including birds, bats and invertebrates. Tree planting should use native species, ideally of local stock. New hedgerows will be planted with at least 5 species to enhance diversity.
- 7.8. A lighting scheme should be designed that avoids light spillage onto linear features e.g hedges and linear wooded strips. This is to minimise potential negative effects on bat commuting and foraging habitat.
- 7.9. The following habitat enhancement measures are also suggested:
 - 50% of all new shrub planting should be native;
 - Bulb planting should be included within grassland areas;

- 15no. bat boxes and 15no. bird boxes should be erected on new buildings within the site, or features providing the equivalent functions should be incorporated into building design;
- Use of green trellises and native or wildlife-friendly climbing species should be considered for inclusion on new buildings and walls within the development;
- Good horticultural practices should be implemented within the site planting and management scheme; e.g. use of peat-free composts and mulches and application of non-residual herbicides and pesticides.

8.0 REFERENCES & FURTHER READING

THE BARN OWL TRUST (1989a) Leaflet No. 8 - Surveying Techniques. The Barn Owl Trust, Devon

THE BARN OWL TRUST (1989b) Leaflet No. 1 – Habitat Management. The Barn Owl Trust, Devon

DEFRA (2002) *Working with the grain of nature – A biodiversity strategy for England*. DEFRA Publications, London

ENGLISH NATURE (2001) *Great crested newt mitigation guidelines*. English Nature, Peterborough.

ENGLISH NATURE (2001) *Bat mitigation guidelines*. English Nature, Peterborough.

ENGLISH NATURE. (2002) *'Badgers and development'* English Nature, Peterborough
FROGLIFE ADVICE SHEET 10 (1999) *Reptile Survey: an introduction to planning, conducting and interpreting surveys for snake and lizard conservation*. Froglife, Halesworth

FROGLIFE (2002) *Great Crested Newt Conservation Handbook*. Froglife, The Herpetological Conservation Trust and English Nature

FROGLIFE ADVICE SHEET 11 *Surveying for (Great Crested) Newt Conservation*. Froglife, Halesworth

GRIFFITHS, R.A. & RAPER, S.J. (1994) 'A review of the current techniques for sampling amphibian communities' JNCC Report No. 210

GRIFFITHS, R.A., RAPER, S.J. & BRADY, L. D. (1996) *'Evaluation of a standard method for surveying common frogs and newts'* JNCC Report No. 259, JNCC, Peterborough

HARRIS, S., JEFFRIES, D., CHEESEMAN, C. & BOOTY, C. (1994) *Problems with Badgers?* 3rd edition RSPCA Wildlife Department, West Sussex

HERPETOFAUNA GROUPS OF BRITAIN AND IRELAND (1998) *Evaluating local mitigation/translocation programmes: Maintaining Best Practice and lawful standards*. HGBI advisory notes for Amphibian and Reptile Groups (ARGs). HGBI, c/o Froglife, Halesworth. Unpubl.

JOINT NATURE CONSERVATION COMMITTEE (1999) *'Bat workers manual'* (eds: Mitchell-Jones, A. J. & McLeish, A. P.) JNCC, Peterborough

JOINT NATURE CONSERVATION COMMITTEE (1998) *'Herpetofauna Workers Manual'* Gent, A. & Gibson, S. (eds). JNCC, Peterborough.

JOINT NATURE CONSERVATION COMMITTEE (2012) *Phase 1 Habitat Survey*. JNCC. Peterborough

NEAL, E. & CHEESEMAN, C. (1996) *Badgers* T & AD Poyser Ltd, London

OFFICE OF THE DEPUTY PRIME MINISTER (2005) *'Government Circular: Geological and Biological Conservation – Statutory obligations and their implications within the planning system'* ODPM circular 06/2005, DEFRA circular 01/2005

OXFORD, M. (2005) *Framework for Biodiversity. Integrating Biodiversity into Local Development Frameworks*. Association of Local Government Ecologists

STRACHAN ET. AL. (2011) *Water Vole Conservation Handbook* George Street Press, Staffordshire

STACE, C. A. (2010) *Flora of the British Isles, 3rd ed.* Cambridge University Press

EATON MA, BROWN AF, NOBLE DG, MUSGROVE AJ, HEARN R, AEBISCHER NJ, GIBBONS DW, EVANS A AND GREGORY RD (2009) *Birds of Conservation Concern 3: the population status of birds in the United Kingdom, Channel Islands and the Isle of Man*. British Birds 102, pp296–341

APPENDIX 1: Target Notes and Species List 2016

NOTE: Target note features areas as described below were visited in January 2016.

Target Notes- TN1- TN4:

Mature trees with features that may be pertinent to supporting bats. E.g. cavities, splits in bark etc. Some trees with dense ivy cover which may be obscuring other suitable bat features. Good examples of mature trees favoured by bats. All these trees should be subject to Preliminary Roost Assessment to determine the likelihood of them supporting bats. These trees provide the most obvious examples of potential bat roosts within the site however, there are likely to be other trees which will require further assessment.

Target Note- TN5:

Area of transitional vegetation that provides the best on site example of potential habitat suitable for reptiles. Low level bramble and willow scrub grading into scattered tall ruderal vegetation provides the diversity in sward height and structure favoured by reptiles. This area will require clearance under supervision using RAM's. Is also likely to provide cover and a food source for a range of birds and invertebrates. Clearance during bird breeding season should be avoided.

Target Note – TN6:

Mature tree with features that may be pertinent to supporting bats. E.g. cavities, splits in bark etc. Some trees with dense ivy cover which may be obscuring other suitable bat features. Good examples of mature trees favoured by bats. All these trees should be subject to Preliminary Roost Assessment to determine the likelihood of them supporting bats. These trees provide the most obvious examples of potential bat roosts within the site however, there are likely to be other trees which will require further assessment.

Target Note – TN7:

Mature trees with features that may be pertinent to supporting bats. E.g. cavities, splits in bark etc. Some trees with dense ivy cover which may be obscuring other suitable bat features. Good examples of mature trees favoured by bats. All these trees should be subject to Preliminary Roost Assessment to determine the likelihood of them supporting bats. These trees provide the most obvious examples of potential bat roosts within the site however, there are likely to be other trees which will require further assessment.

Target Note – TN8:

Series of holes along Wats Dyke. Numerous (10+) holes dug into the embankment along this feature within scrub and tree bases. Mostly of similar, small size and likely to be rabbit.

SPECIES LIST

<i>Quercus robur</i>	Oak	F
<i>Fraxinus excelsior</i>	Ash	O
<i>Acer pseudoplatanus</i>	Sycamore	R
<i>Prunus avium</i>	Wild Cherry	R
<i>Sambucus nigra</i>	Elder	R
<i>Chamerion angustifolium</i>	Rosebay Willowherb	A
<i>Urtica dioica</i>	Nettle	A
<i>Arrhenatherum elatius</i>	False Oat-grass	F
<i>Galium aparine</i>	Cleavers	F
<i>Holcus lanatus</i>	Yorkshire-fog	F

<i>Rubus fruticosus</i> agg.	Bramble	F
<i>Anthriscus sylvestris</i>	Cow Parsley	O
<i>Elytrigia repens</i>	Common Couch	O
<i>Ranunculus repens</i>	Creeping Buttercup	A
<i>Juncus effusus</i>	Soft Rush	F
<i>Rumex acetosa</i>	Common Sorrel	F
<i>Ranunculus acris</i>	Meadow Buttercup	O
<i>Alopecurus pratensis</i>	Meadow Foxtail	F
<i>Cirsium arvense</i>	Creeping Thistle	F
<i>Rumex obtusifolius</i>	Broad-leaved Dock	F
<i>Agrostis capillaris</i>	Common Bent	O
<i>Agrostis stolonifera</i>	Creeping Bent	O
<i>Lolium perenne</i>	Ryegrass	O
<i>Phleum pratense</i>	Timothy	O
<i>Taraxacum officinale</i> agg.	Dandelion	O
<i>Prunus spinosa</i>	Blackthorn	A
<i>Crataegus monogyna</i>	Hawthorn	F
<i>Ilex aquifolium</i>	Holly	F

APPENDIX 2: Desk Study 2016

Desk Based Ecology Assessment

**Rhosrobin
Wrexham**

Approximate Central Grid Reference: SJ 332 528

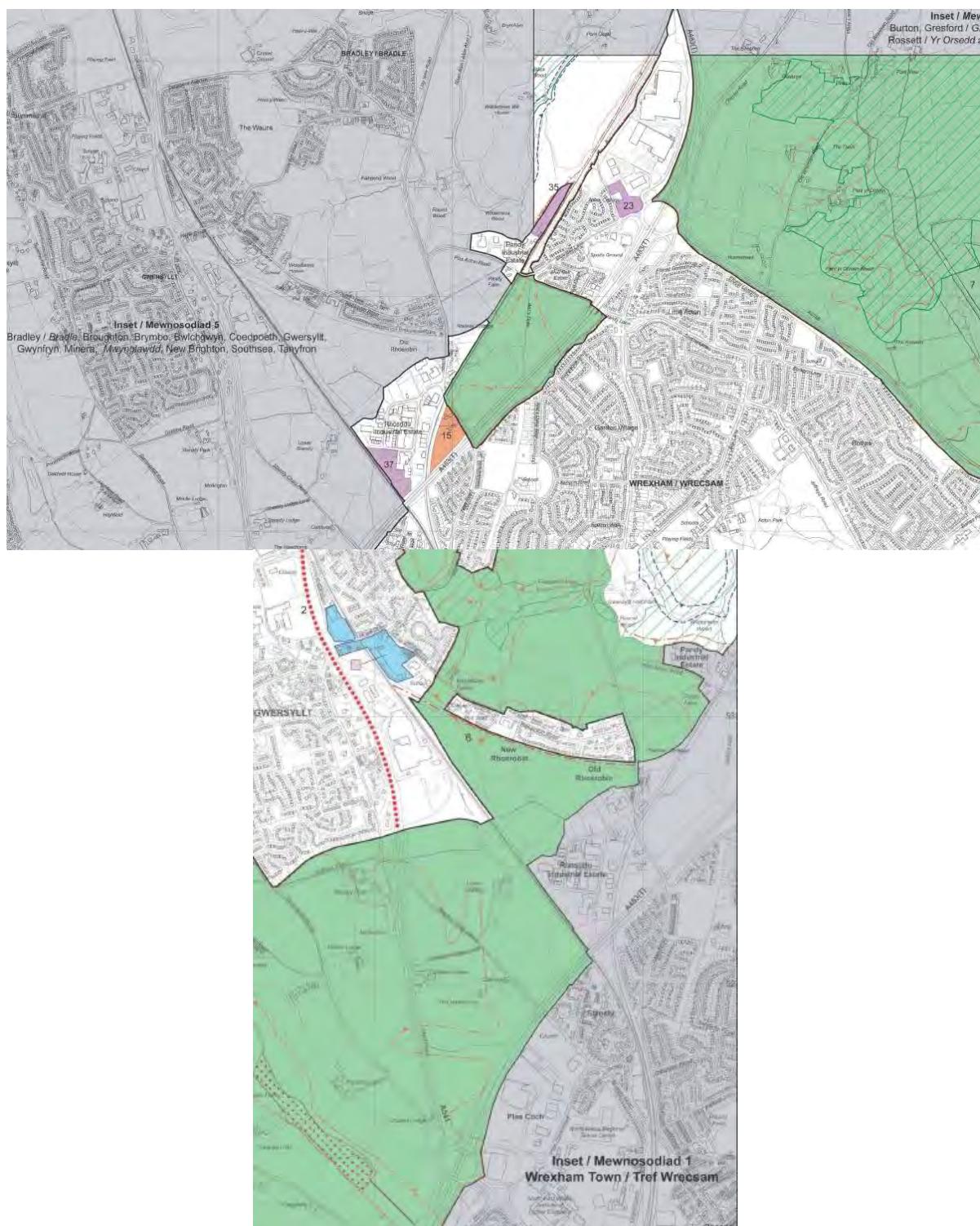
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- **Site location plan**
- **Extract from local plan**
- **Extracts of relevant planning policies**
- **Local site designations**
- **Local species records**
- **National site designations**
- **Habitat inventory records**

Site location plan



Extract of Wrexham County Borough Council Unitary Development Plan (adopted Feb 2005) and supporting key



Inset Plan Notation / Nodiadau Map Mewnrosodiad

	Settlement Limit / Ffin Anheddiad - PS1
	District Shopping Centre / Canolfan Sopa Cylch - S5
	Employment / Gwaith - E1, E2, E7
	Commercial Offices / Swyddfeydd Masnachol - E7
	Green Barrier / Ffin Gwyrdd - EC1
	Special Landscape Area / Ardal Tirlun Arbennig - EC5
	Biodiversity Conservation / Cadwraeth Bioamrywiaeth - EC6
	Conservation Area / Ardal Cadwriaeth - EC7, EC8
	Development and Flood Risk / Datblygiad a Perygl Lliff - EC12
	Community and Leisure Facilities / Cyfleusterau Cymunedol ac Adollant - CLF2
	Housing / Tai - H1
	Mixed Use and Regeneration Areas / Ardaloedd Ddefnydd Cymysg ac Adfywio - H14
	Walking/Cycling Route / Lwybr Cerdded/Beicip - T10
	Protection of Mineral Resources / Diogelu Adnoddau Mwynau - MW9
	Minerals Buffer Zone / Cylchfeydd Rhagod Mwynau - MW11

Extracts of relevant planning policies and supplementary planning guidance

Environment and Conservation

Policy EC1 Within Green Barriers, development will only be granted planning permission if it is for agriculture, forestry, essential facilities for outdoor sport and recreation, cemeteries and other uses of

land which maintain the openness of the Green Barrier and do not conflict with the purpose of including land within it.

Hedgerows, Trees and Woodland

Policy EC4 Development proposals should provide for the conservation and management of hedgerows, trees, orchards, woodland, wildlife and other natural landscape and water features, and include new planting in order to enhance the character of the landscape and townscape. Development which results in the loss or significant damage to valuable trees, important hedgerows or ancient woodland sites will not be permitted.

Special Landscape Areas

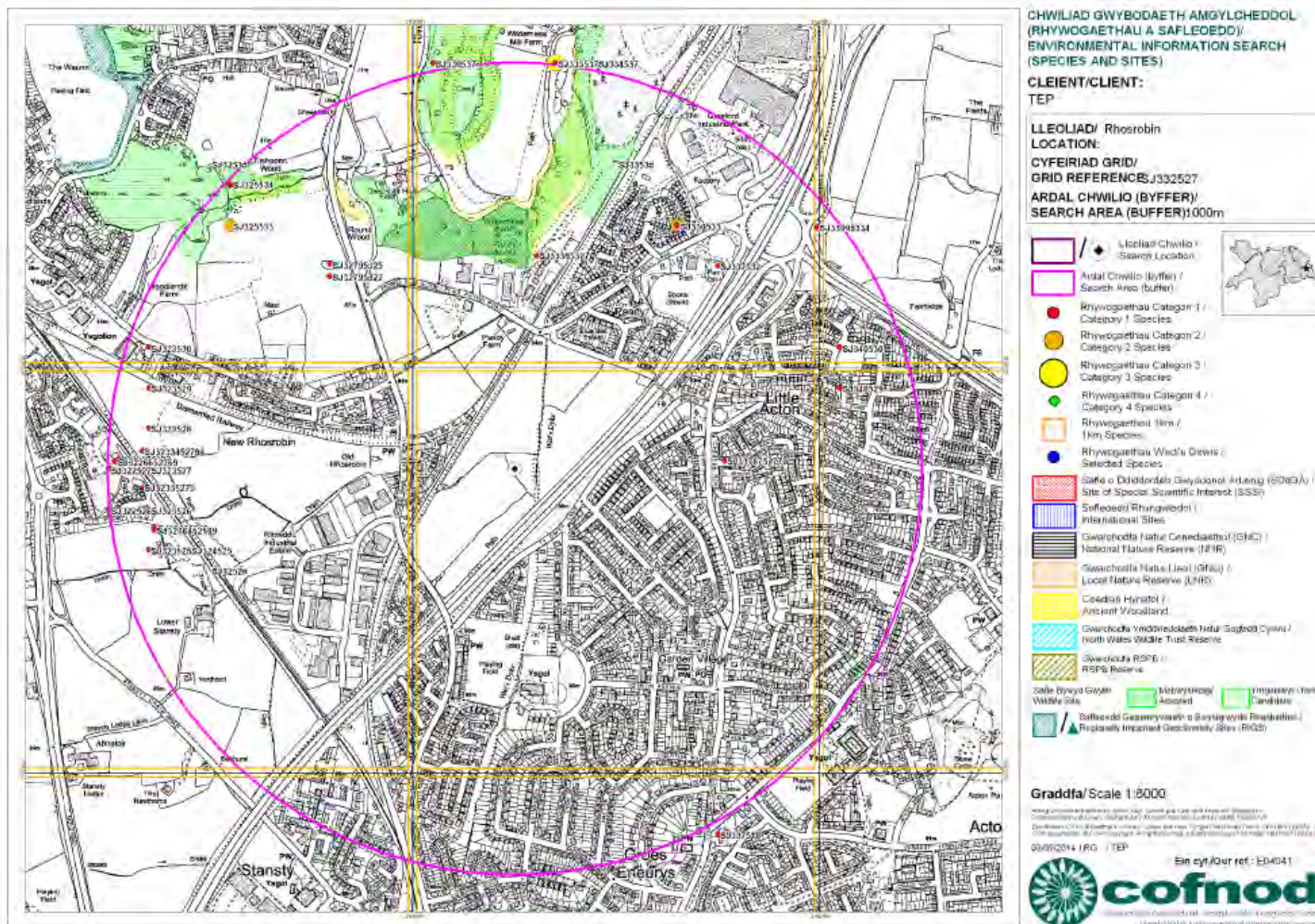
Policy EC5 Within Special Landscape Areas, priority will be given to the conservation and enhancement of the landscape. Development, other than for agriculture, small-scale farm-based and other rural enterprises, and essential operational development by utility service providers, will be strictly controlled. Development will be required to conform to a high standard of design and landscaping, and special attention will be paid to minimising its visual impact both from nearby and distant viewpoints.

Biodiversity Conservation

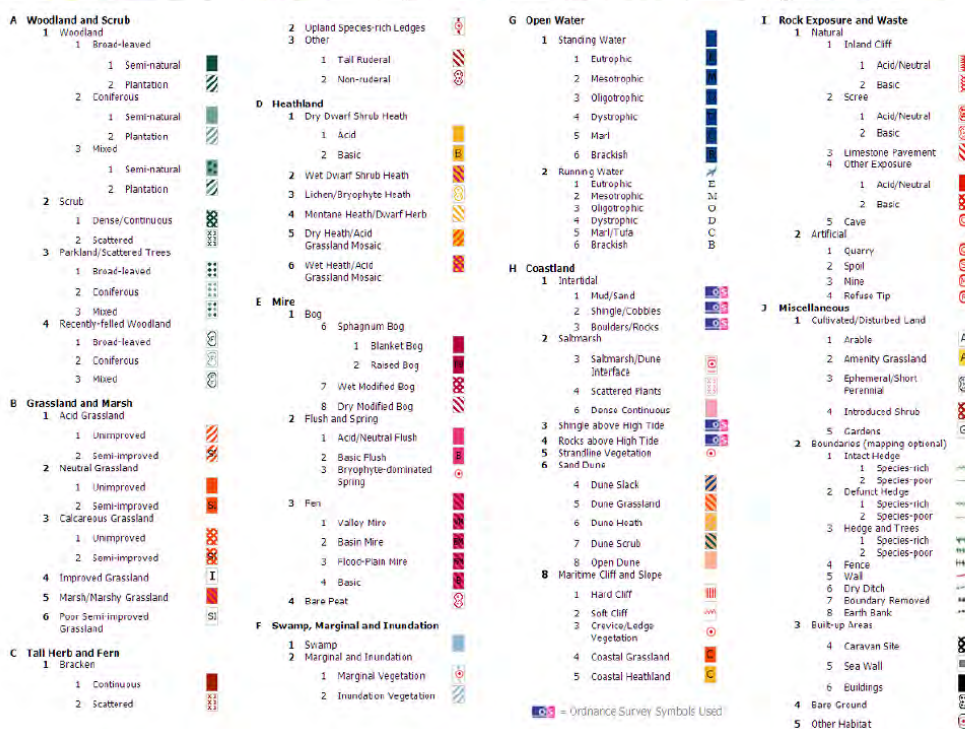
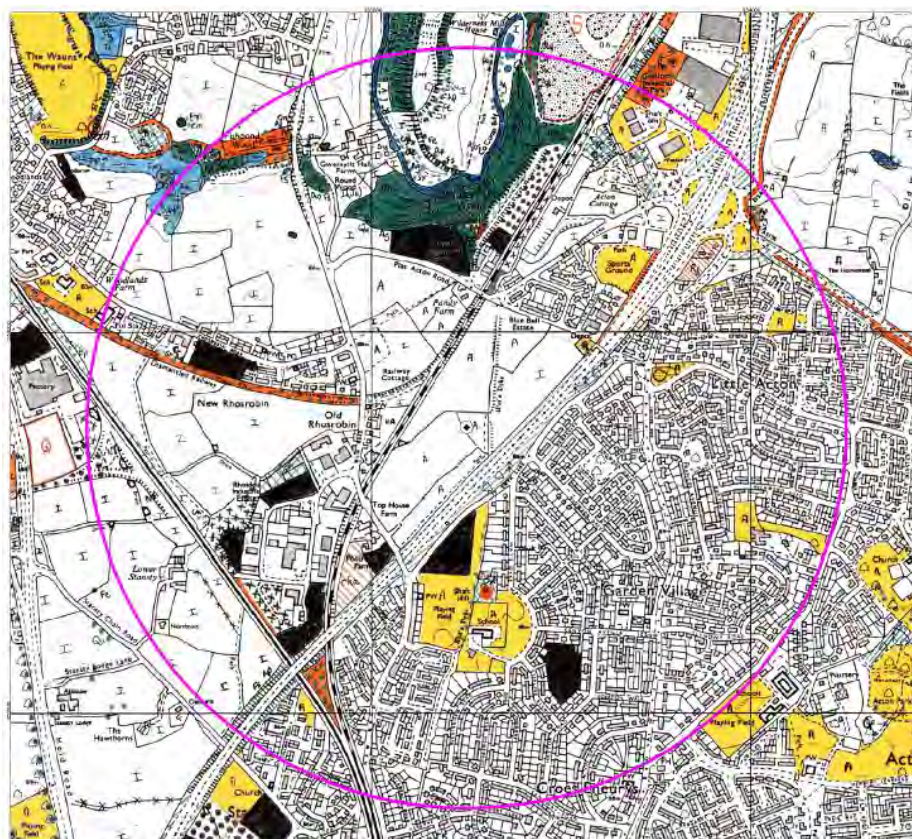
Policy EC6 Development either within or close to sites of biodiversity interest will only be permitted where it can be clearly demonstrated that the need for the development outweighs the need to safeguard the intrinsic nature conservation value of the site. Where such development is permitted, damage should be kept to a minimum, and compensatory measures should be provided. Measures to improve the biodiversity value of sites and enhance their natural conservation interest and landscape quality including the establishment of local nature reserves, will be supported.

Map provided by Cofnod of site designations and species records within 1km

Map not to be put into public domain



Map not to be put into public domain



Extract of species data provided by Cofnod within 1km

Our Reference	Client Name	Date Run	Your Reference									
E04041	TEP	08/09/2014	4731									
Site Name	Grid Reference											
Rhosrobin	SJ332527											
Category 1 Species (Species with European and/or UK Legal Protection, Section 42 (NERC) Species or UK BAP Priority Species) within 1000m - 1472 records												
Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V	ca	
<i>Acanthis cabaret</i> (Lesser Redpoll)	SJ3353	21/01/2009	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01	S42, UKBAP, UKBR, WBR, LBAP[CON, DEN]	3	ca	
<i>Acanthis cabaret</i> (Lesser Redpoll)	SJ3452	7 records, between 04/03/2004 and 24/04/2009	Hugh Linn; Jason Newton; Kevin Smith; Norman Hallas	1+; 3; 1 Female; 1; 10; 2		Site Name Withheld; Wrexham; Acton Park	Comments Withheld	D0062/001/01 D1297/002/01	S42, UKBAP, UKBR, WBR, LBAP[CON, DEN]	3	ca	
<i>Acanthis cabaret</i> (Lesser Redpoll)	SJ3453	26/11/2009	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01	S42, UKBAP, UKBR, WBR, LBAP[CON, DEN]	3	ca	
<i>Alauda arvensis</i> (Skylark / Ehedydd)	SJ3453	29/01/2010	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/003/01	BDir2, 2, S42, UKBR, WBA, WCA1.1, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	3	ca	
<i>Alcedo atthis</i> (Kingfisher / Glas y Dorian)	SJ3353	2 records, between 21/01/2009 and 16/05/2009	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01	BDir1, Bem, UKBA, WBA, WCA1.1, LBAP[CON, DEN, FLI, GWY]	3	ca	
<i>Alcedo atthis</i> (Kingfisher / Glas y Dorian)	SJ3452	7 records, between 30/09/2007 and 11/09/2009	Jason Newton; Kevin Smith	1		Site Name Withheld	Comments Withheld	D0062/001/01	BDir1, Bem, UKBA, WBA, WCA1.1, LBAP[CON, DEN, FLI, GWY]	3	ca	
<i>Alcedo atthis</i> (Kingfisher / Glas y Dorian)	SJ3453	9 records, between 01/05/2009 and 26/03/2010	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01 D0062/003/01	BDir1, Bem, UKBA, WBA, WCA1.1, LBAP[CON, DEN, FLI, GWY]	3	ca	
<i>Allophytes oxyacanthae</i> (Green-brindled Crescent / Cigant Brych)	SJ336533	03/10/1980	J.B. Formstone	1 Adult		Pandy	Garden: rural. Method: Ivy, ivy blossom	D1285/001/02	S42, UKBAP, LBAP[GWY]	3	ca	
<i>Aythya marila</i> (Scaup / Huyaden Benddu)	SJ3452	08/02/2010 - 11/02/2010	Jason Newton	1 Male		Site Name Withheld	Comments Withheld	D0062/003/01	BDir2, 2, Bonn, UKBA, UKBAP, UKBR, WBA, WCA1.1, LBAP[CON, GWY]	3	ca	
<i>Buccephala clangula</i> (Goldeneye / Huyaden Lygad-Aur)	SJ3453	27/11/2007	Jason Newton	1 Female		Site Name Withheld	Comments Withheld	D0062/001/01	BDir2, 2, Bonn, UKBA, WCA1.2, LBAP[CON]	3	ca	
<i>Calcarius lapponicus</i> (Lapland Bunting / Bras y Gogfield)	SJ3453	06/11/2008	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01	Bem, UKBA, WBA, WCA1.1	4	ca	
<i>Chroicocephalus ridibundus</i> (Black-headed Gull / Gwylan Benddu)	SJ3252	18/07/2009	Jason Newton	3		Site Name Withheld	Comments Withheld	D0062/001/01	BDir2, 2, Bonn, S42, UKBA, WBR, LBAP[GWY]	3	ca	
<i>Chroicocephalus ridibundus</i> (Black-headed Gull / Gwylan Benddu)	SJ3253	2 records, between 18/07/2009 and 27/02/2010	Jason Newton	2		Site Name Withheld	Comments Withheld	D0062/003/01 D0062/001/01	BDir2, 2, Bonn, S42, UKBA, WBR, LBAP[GWY]	3	ca	
Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V	ca	
<i>Chroicocephalus ridibundus</i> (Black-headed Gull / Gwylan Benddu)	SJ3351	3 records, between 19/02/2009 and 24/11/2009	Jason Newton	1; 50; 40		Site Name Withheld	Comments Withheld	D0062/001/01	BDir2, 2, Bonn, S42, UKBA, WBR, LBAP[GWY]	3	ca	
<i>Chroicocephalus ridibundus</i> (Black-headed Gull / Gwylan Benddu)	SJ3352	3 records, between 25/01/2009 and 27/02/2010	Jason Newton	15; 1; 2		Site Name Withheld	Comments Withheld	D0062/001/01 D0062/003/01	BDir2, 2, Bonn, S42, UKBA, WBR, LBAP[GWY]	3	ca	
<i>Chroicocephalus ridibundus</i> (Black-headed Gull / Gwylan Benddu)	SJ3452	22 records, between 15/01/2004 and 17/03/2013	Jason Newton; Norman Hallas; Patricia Ann Roberts; Kevin Smith; Neil Hughes; Chris Pritchard; Davies, S; Roberts, PA	42; 120; 1; 20; 2; 29; 10; 102; 90; 98; 300+; 1+; 11+		Site Name Withheld; Wrexham; Acton Park; Little Acton	Comments Withheld; Birdtrack:	D0062/001/01 D1297/002/01 D1297/005/01 D0062/003/01 D1297/012/01	BDir2, 2, Bonn, S42, UKBA, WBR, LBAP[GWY]	3	ca	
<i>Chroicocephalus ridibundus</i> (Black-headed Gull / Gwylan Benddu)	SJ3453	59 records, between 15/01/2004 and 06/04/2013	Graham Jones; Jason Newton; Julie Rogers; Kevin Smith; Neil Hughes; Norman Hallas; Steven Davies; Anthony Britner; Peter Lawton; Taylor, T S; Davies, S	120+; 550+; 10+; 1+; 30+; 100; 200; 450+; Adult: 620+; 5+; 90; 10; 20+; 40+; 100+; 220+; 400+; 800+; 700+; 5; 12; 600; 1000; 600+; 1; 300; 500+; 150; 50; 610+; 30; 15; 70; 3		Wrexham; Gresford Flash; Site Name Withheld; Gresford Flash	Comments Withheld; Birdtrack:	D1297/002/01 D0062/001/01 D0062/003/01 D1297/005/01 D1297/012/01	BDir2, 2, Bonn, S42, UKBA, WBR, LBAP[GWY]	1	ca	
<i>Cuculus canorus</i> (Cuckoo / Cog)	SJ3352	09/05/2005	Kevin Smith	1		Site Name Withheld	Comments Withheld	D0062/001/01	S42, UKBA, UKBAP, UKBR, WBR, LBAP[CON, DEN, FLI, GWY]	3	ca	
<i>Dendrocoptes minor</i> (Lesser Spotted Woodpecker / Cnocell Fraith Leiaf)	SJ3452	2 records, between 02/04/2011 and 09/04/2011	Kevin Smith	1		Site Name Withheld	Comments Withheld	D0062/003/01	Bem, S42, UKBAP, UKBR, WBR, LBAP[CON, DEN, FLI, GWY]	3	ca	
<i>Dendrocoptes minor</i> (Lesser Spotted Woodpecker / Cnocell Fraith Leiaf)	SJ3453	2 records, between 16/12/2008 and 10/12/2009	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01	Bem, S42, UKBAP, UKBR, WBR, LBAP[CON, DEN, FLI, GWY]	3	ca	
<i>Emberiza citrinella</i> (Yellowhammer / Bras Melyn)	SJ3452	07/01/2010	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/003/01	Bem, S42, UKBAP, UKBR, WBR, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	3	ca	
<i>Emberiza citrinella</i> (Yellowhammer / Bras Melyn)	SJ3453	6 records, between 06/12/2008 and 12/12/2009	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01	Bem, S42, UKBAP, UKBR, WBR, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	3	ca	
<i>Emberiza schoeniclus</i> (Reed Bunting / Bras y Cyrs)	SJ3253	3 records, between 25/01/2009 and 27/02/2010	Jason Newton	1; 3 Male; 2		Site Name Withheld	Comments Withheld	D0062/001/01 D0062/003/01	Bem, S42, UKBA, UKBAP, UKBR, WBA, LBAP[CON, DEN, FLI, GWY]	3	ca	
<i>Emberiza schoeniclus</i> (Reed Bunting / Bras y Cyrs)	SJ3351	16/04/2008	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01	Bem, S42, UKBA, UKBAP, UKBR, WBA, LBAP[CON, DEN, FLI, GWY]	3	ca	
<i>Emberiza schoeniclus</i> (Reed Bunting / Bras y Cyrs)	SJ3453	8 records, between 16/04/2007 and 26/03/2011	Jason Newton; Kevin Smith; Norman Hallas	1; 1 Male		Site Name Withheld; Wrexham; Gresford Flash	Comments Withheld	D0062/001/01 D0062/003/01 D1297/002/01	Bem, S42, UKBA, UKBAP, UKBR, WBA, LBAP[CON, DEN, FLI, GWY]	3	ca	
<i>Erinaceus europaeus</i> (Hedgehog / Drasnog)	SJ337518 (Selected from Interactive Map)	13/07/2012	Emma Broad	1 Adult	Dead on road	Wrexham		D1383/001/01	Bem, S42, UKBAP, LBAP[ANG, CON, FLI, GWY]	4	ca	

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V	Q
<i>Erinaceus europaeus</i> (Hedgehog / Ddraiog)	SJ340530	01/09/2003	Anon	1		1, Florid Mogan Lwyd, Smithy Lane, Wrexham, LL12 8JX	Alive	D0871/001/01	Bern, S42 UKBAP LBAP[ANG, CON, FLI, GWY]	4	☑
<i>Erynnis tages</i> (Dingy Skipper / Gwblwr Lwyd)	SJ337532 (Selected from Interactive Map)	28/05/2012	Emma Broad	2 Adult		Gresford colliery bowling green	1 seen flying across green, caught in net to confirm	D1117/001/01	RD1(UK), S42 UKBAP, LBAP[CON, FLI, GWY]	4	☑
<i>Falco peregrinus</i> (Peregrine / Hebog Tramor)	SJ35	01/03/2010	Norman Hallas	2		Site Name Withheld	Comments Withheld	D1297/005/01	BD1r1, Bern, Bonn, CITES, UKBA, WCA1.1, LBAP[ANG, CON, GWY]	1	☑
<i>Falco tinnunculus</i> (Kestrel / Cudyll Coch)	SJ3352	2 records, between 25/01/2005 and 18/07/2009	Jason Newton	1 Male, 1		Site Name Withheld	Comments Withheld	D0062/001/01	Bern, Bonn, CITES, S42 UKBA, WBR, LBAP[ANG, CON, DEN, FLI, GWY]	3	☑
<i>Falco tinnunculus</i> (Kestrel / Cudyll Coch)	SJ3453	8 records, between 09/10/2005 and 26/03/2009	Kevin Smith, Julie Rogers, Jason Newton, Chris Pritchard	2; 1; 1 Male		Site Name Withheld; Wrexham, Gresford Flash	Comments Withheld	D0062/001/01 D1297/002/01	Bern, Bonn, CITES, S42 UKBA, WBR, LBAP[ANG, CON, DEN, FLI, GWY]	3	☑
<i>Ficedula hypoleuca</i> (Pied Flycatcher / Gwybedog Brith)	SJ3452	30/04/2008	Jason Newton	1 Male		Site Name Withheld	Comments Withheld	D0062/001/01	Bern, S42 UKBA, WBR, LBAP[CON, GWY, SNP]	3	☑
<i>Fringilla montifringilla</i> (Brambling / Pinc y Mynydd)	SJ3452	2 records, between 10/10/2007 and 08/02/2009	Jason Newton; Kevin Smith	2+; 1 Male		Site Name Withheld	Comments Withheld	D0062/001/01	WCA1.1, LBAP[CON]	3	☑
<i>Fringilla montifringilla</i> (Brambling / Pinc y Mynydd)	SJ3453	3 records, between 15/10/2007 and 05/03/2010	Jason Newton	2+; 10; 1+		Site Name Withheld	Comments Withheld	D0062/001/01 D0062/003/01	WCA1.1, LBAP[CON]	3	☑
<i>Larus argentatus</i> (Herring Gull / Gwylan y Penwaig)	SJ3251	13/06/2009	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01	BD1r2, 2, Bonn, S42, UKBA, UKBAP, UKBR, WBR, LBAP[CON, GWY]	3	☑
<i>Larus argentatus</i> (Herring Gull / Gwylan y Penwaig)	SJ3252	13/06/2009	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01	BD1r2, 2, Bonn, S42, UKBA, UKBAP, UKBR, WBR, LBAP[CON, GWY]	3	☑
<i>Larus argentatus</i> (Herring Gull / Gwylan y Penwaig)	SJ3351	4 records, between 19/01/2005 and 02/05/2011	Jason Newton; Kevin Smith	2; 20; 1; 8		Site Name Withheld	Comments Withheld	D0062/001/01 D0062/003/01	BD1r2, 2, Bonn, S42, UKBA, UKBAP, UKBR, WBR, LBAP[CON, GWY]	3	☑
<i>Larus argentatus</i> (Herring Gull / Gwylan y Penwaig)	SJ3352	3 records, between 25/01/2009 and 27/02/2010	Jason Newton	3; 1		Site Name Withheld	Comments Withheld	D0062/001/01 D0062/003/01	BD1r2, 2, Bonn, S42, UKBA, UKBAP, UKBR, WBR, LBAP[CON, GWY]	3	☑
<i>Larus argentatus</i> (Herring Gull / Gwylan y Penwaig)	SJ3452	247 records, between 23/06/2006 and 27/12/2011	Patricia Ann Roberts; Kevin Smith; Jason Newton	3; 5; 2; 30+; 4; 1; 15; 11; 9; 12; 7; 25+; 6; 20; 18; 40+; 30; 10; 8; 14; 20+; 25		Wrexham, Acton Park; Site Name Withheld	Birdtrack; BirdTrack; Comments Withheld	D1297/005/01 D1297/002/01 D0062/001/01 D0062/003/01	BD1r2, 2, Bonn, S42, UKBA, UKBAP, UKBR, WBR, LBAP[CON, GWY]	1	☑
<i>Larus argentatus</i> (Herring Gull / Gwylan y Penwaig)	SJ3453	58 records, between 03/01/2005 and 31/12/2011	Graham Jones; Kevin Smith; Neil Hughes; Jason Newton; Julie Rogers; Norman Hallas; Steven Davies; Peter Lawton	350+; 200; 100; 300; 4; 20; 170+; 150; 6; 430; 2+; 1; 2; 5+; 1300+; 20+; 1100+; 1+; 400; 500+; 600+; 200+; 600; 8; 40; 400+; 30+; 40+; 10+; 30		Wrexham, Gresford Flash; Site Name Withheld	Comments Withheld; Birdtrack;	D1297/002/01 D0062/003/01 D0062/001/01 D1297/005/01	BD1r2, 2, Bonn, S42, UKBA, UKBAP, UKBR, WBR, LBAP[CON, GWY]	1	☑
<i>Larus melanocephalus</i> (Mediterranean Gull / Gwylan Môr y Canoldir)	SJ3453	12 records, between 05/02/2006 and 22/02/2010	Jason Newton; Kevin Smith; Julie Rogers	1; 1 Adult; 1 Secondwinter; 1 Firstwinter		Site Name Withheld	Comments Withheld	D0062/003/01 D0062/001/01	BD1r1, Bern, Bonn, UKBA, WBA, WCA1.1, LBAP[CON]	3	☑

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V	Q
<i>Linaria cannabina</i> (Linnet)	SJ3351	23/04/2009	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01	Bern, S42, UKBR, WBR, LBAP[ANG, CON, DEN, FLI, GWY]	3	☑
<i>Linaria cannabina</i> (Linnet)	SJ3453	3 records, between 09/11/2008 and 03/02/2010	Jason Newton	2; 1; 31		Site Name Withheld	Comments Withheld	D0062/001/01 D0062/003/01	Bern, S42, UKBR, WBR, LBAP[ANG, CON, DEN, FLI, GWY]	3	☑
<i>Linaria flavirostris</i> (Twite)	SJ3453	15/11/2008	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01	Bern, S42, UKBR, WBR, LBAP[CON, DEN, FLI, GWY, SNP]	4	☑
<i>Locustella naevia</i> (Grasshopper Warbler / Troellwr Bach)	SJ3253	20/06/2008	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01	S42, UKBAP, UKBR, WBR, LBAP[CON, DEN, FLI, GWY]	3	☑
<i>Locustella naevia</i> (Grasshopper Warbler / Troellwr Bach)	SJ3452	10/04/2009	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01	S42, UKBAP, UKBR, WBR, LBAP[CON, DEN, FLI, GWY]	3	☑
<i>Lullula arborea</i> (Woodlark / Eheddyd y Codi)	SJ3453	31/10/2008	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01	BD1r1, S42, UKBA, UKBAP, UKBR, WCA1.1	3	☑
<i>Lutra lutra</i> (Otter / Dyfrgl)	SJ3353	3 records, all on 19/03/1998	Anon; Anon - CCW		Dung/Droppings / Faeces/Pellets, etc.	Site Name Withheld	Comments Withheld	D1118/006/01 D1153/001/02	Bern, CITES, EPS, Hdr, RD1(UK), RD2(UK), S42 UKBAP, WCA1.1, LBAP[ANG, CON, DEN, FLI, GWY, SNP, WRE]	1	☑
<i>Lutra lutra</i> (Otter / Dyfrgl)	SJ3353	19/03/1998	Anon		Holt	Site Name Withheld	Comments Withheld	D1118/006/01	Bern, CITES, EPS, Hdr, RD1(UK), RD2(UK), S42 UKBAP, WCA1.1, LBAP[ANG, CON, DEN, FLI, GWY, SNP, WRE]	1	☑
<i>Melanitta nigra</i> (Common Scoter / Mor-Hwyaden Ddu)	SJ3453	3 records, between 18/07/2005 and 19/02/2009	Kevin Smith; Jason Newton	1 Male, 1 Female, 1+		Site Name Withheld	Comments Withheld	D0062/001/01	BD1r2, 2, Bonn, S42, UKBAP, UKBR, WBA, WCA1.1, LBAP[ANG, CON, DEN, FLI, GWY]	3	☑
<i>Meles meles</i> (Badger / Mochym Daear)	SJ3252	2 records, between 10/02/2007 and 14/02/2007	Clwyd Badger Group (CBG)		Badger Sett	Site Name Withheld	Comments Withheld	D0059/001/01	BA, Bern, LBAP[CON, DEN, FLI, WRE]	3	☑
<i>Meles meles</i> (Badger / Mochym Daear)	SJ3353	28/05/2002	Clwyd Badger Group (CBG)		Badger Sett	Site Name Withheld	Comments Withheld	D0059/001/01	BA, Bern, LBAP[CON, DEN, FLI, WRE]	3	☑
<i>Meles meles</i> (Badger / Mochym Daear)	SJ3452	4 records, between 01/03/2001 and 13/11/2007	Clwyd Badger Group (CBG)		Badger Sett	Site Name Withheld	Comments Withheld	D0059/001/01	BA, Bern, LBAP[CON, DEN, FLI, WRE]	3	☑
<i>Meles meles</i> (Badger / Mochym Daear)	SJ3453	4 records, between 15/12/2000 and 17/02/2007	Clwyd Badger Group (CBG)		Badger Sett	Site Name Withheld	Comments Withheld	D0059/001/01	BA, Bern, LBAP[CON, DEN, FLI, WRE]	3	☑
<i>Motacilla flava</i> (Yellow Wagtail / Siglen Felen)	SJ3453	08/06/2009	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01	Bern, S42, UKBA, UKBAP, UKBR, WBR, LBAP[CON, DEN, FLI, GWY]	3	☑
<i>Muscicapa striata</i> (Spotted Flycatcher / Gwybedog Mannog)	SJ3351	2 records, between 18/08/2004 and 24/05/2009	Kevin Smith	1		Site Name Withheld	Comments Withheld	D0062/001/01	Bern, Bonn, S42, UKBAP, UKBR, WBR, LBAP[CON, DEN, FLI, GWY]	3	☑
<i>Muscicapa striata</i> (Spotted Flycatcher / Gwybedog Mannog)	SJ3452	30/04/2008	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01	Bern, Bonn, S42, UKBAP, UKBR, WBR, LBAP[CON, DEN, FLI, GWY]	3	☑

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V	Q
<i>Natrix natrix</i> (Grass Snake / Neidr y Gwair)	SJ325634	1993	Anon.			Gwersyllt	Near river	D0035/002/01	Bern, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNPI]	4	☑
<i>Natrix natrix</i> (Grass Snake / Neidr y Gwair)	SJ33305327 (Selected from Interactive Map)	01/03/2011	Eric Fletcher	1 Adult	Live Sighting	Wilderness Wood, Pandf Industrial Estate, Wrexham	Eating an amphibian (most likely a frog)	D1117/001/01	Bern, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNPI]	4	☑
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ3452	25/07/2010	Kevin Smith	2		Site Name Withheld	Comments Withheld	D0062/003/01	BDIr2.2, Bonn, RD1(UK), S42, UKBA, UKBAP, WBR, LBAP[ANG, CON, DEN, FLI, GWY, SNPI]	3	☑
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ3453	4 records, between 19/06/2004 and 09/04/2009	Jason Newton; Kevin Smith	6; 1		Site Name Withheld	Comments Withheld	D0062/001/01	BDIr2.2, Bonn, RD1(UK), S42, UKBA, UKBAP, WBR, LBAP[ANG, CON, DEN, FLI, GWY, SNPI]	3	☑
<i>Passer domesticus</i> (House Sparrow / Aderyn y To)	SJ3251	13/06/2009	Jason Newton	6		Site Name Withheld	Comments Withheld	D0062/001/01	S42, UKBAP, UKBR, WBA, LBAP[CON, FLI, GWY]	3	☑
<i>Passer domesticus</i> (House Sparrow / Aderyn y To)	SJ3262	13/06/2009	Jason Newton	3		Site Name Withheld	Comments Withheld	D0062/001/01	S42, UKBAP, UKBR, WBA, LBAP[CON, FLI, GWY]	3	☑
<i>Passer domesticus</i> (House Sparrow / Aderyn y To)	SJ3253	2 records, between 16/05/2009 and 27/02/2010	Jason Newton	2		Site Name Withheld	Comments Withheld	D0062/003/01 D0062/001/01	S42, UKBAP, UKBR, WBA, LBAP[CON, FLI, GWY]	3	☑
<i>Passer domesticus</i> (House Sparrow / Aderyn y To)	SJ3351	5 records, between 05/01/2009 and 29/01/2010	Sharon Williams; Jason Newton	15; 20; 50+; 6		Wrexham, N; Site Name Withheld	Birdtrack; Comments Withheld	D1297/005/01 D0062/001/01	S42, UKBAP, UKBR, WBA, LBAP[CON, FLI, GWY]	1	☑
<i>Passer domesticus</i> (House Sparrow / Aderyn y To)	SJ3352	4 records, between 21/01/2009 and 24/06/2010	Jason Newton; Neil Hughes	80+; 10; 2; 20		Site Name Withheld	Comments Withheld	D0062/001/01 D0062/003/01	S42, UKBAP, UKBR, WBA, LBAP[CON, FLI, GWY]	3	☑
<i>Passer domesticus</i> (House Sparrow / Aderyn y To)	SJ3353	2 records, between 21/01/2009 and 16/05/2009	Jason Newton	15; 2		Site Name Withheld	Comments Withheld	D0062/001/01	S42, UKBAP, UKBR, WBA, LBAP[CON, FLI, GWY]	3	☑
<i>Passer domesticus</i> (House Sparrow / Aderyn y To)	SJ3452	307 records, between 01/02/2005 and 31/12/2013	Patricia Ann Roberts; Norman Hallas; Kevin Smith; Jason Newton; Roberts, PA	5; 6; 4; 3; 7; 9; 11; 12; 14; 16; 8; 2; 18; 10; 1; 25; 5+		Wrexham, Acton Park; Site Name Withheld; Little Acton	Birdtrack; BirdTrack; BirdTrack adjacent to houses; Comments Withheld	D1297/005/01 D1297/002/01 D0062/003/01 D0062/001/01 D1297/012/01	S42, UKBAP, UKBR, WBA, LBAP[CON, FLI, GWY]	1	☑
<i>Passer domesticus</i> (House Sparrow / Aderyn y To)	SJ3453	7 records, between 02/01/2006 and 17/11/2009	Chris Pritchard; Jason Newton; Kevin Smith	4+; 1+; 6; 4 Male; 5; 10		Wrexham, Gresford Flash; Site Name Withheld	Comments Withheld	D1297/002/01 D0062/001/01	S42, UKBAP, UKBR, WBA, LBAP[CON, FLI, GWY]	1	☑
<i>Pernis apivorus</i> (Honey-buzzard / Boda'r Mâ)	SJ3453	2 records, between 17/09/2008 and 18/09/2008	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01	BDIr1, Bonn, CITES, UKBA, WBA, WCA1.1	4	☑
<i>Phylloscopus sibilatrix</i> (Wood Warbler / Telor y Coed)	SJ3452	23/04/2006	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01	S42, UKBA, UKBAP, UKBR, WBR, LBAP[CON, GWY, SNPI]	3	☑
Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V	Q
<i>Pipistrellus</i> (Pipistrellus Bat Species)	SJ3253	19/06/2003	Anon	1		Site Name Withheld	Comments Withheld	D1486/001/01	WCA5, LBAP[ANG, DEN, FLI, SNPI]	3	☑
<i>Pipistrellus pipistrellus</i> (Common Pipistrelle / Ystum Lleiall Cyffredin)	SJ3251	14/10/1999	Anon	1		Site Name Withheld	Comments Withheld	D1486/001/01	Bern, Bonn, EPS, HDR, RD2(UK), S42, WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNPI]	3	☑
<i>Pipistrellus pipistrellus</i> (Common Pipistrelle / Ystum Lleiall Cyffredin)	SJ3452	21/07/1998	Anon			Site Name Withheld	Comments Withheld	D1486/001/01	Bern, Bonn, EPS, HDR, RD2(UK), S42, WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNPI]	3	☑
<i>Pipistrellus pipistrellus</i> (Common Pipistrelle / Ystum Lleiall Cyffredin)	SJ3453	28/07/1997	Anon	4		Site Name Withheld	Comments Withheld	D1486/001/01	Bern, Bonn, EPS, HDR, RD2(UK), S42, WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNPI]	3	☑
<i>Plectrophenax nivalis</i> (Snow Bunting / Bras yr Eira)	SJ3453	28/09/2008	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01	Bern, UKBA, WBA, WCA1.1, LBAP[CON]	3	☑
<i>Poecile montana</i> (Willow Tit)	SJ3453	4 records, between 28/09/2008 and 03/12/2009	Jason Newton	1; 1 Female; 1 Male; 1+		Site Name Withheld	Comments Withheld	D0062/001/01	Bern, RD2(UK), S42, UKBAP, UKBR, WBR, LBAP[CON, DEN, FLI, GWY]	4	☑
<i>Poecile palustris</i> (Marsh Tit / Titw'r Wern)	SJ3452	11/02/2010	Jason Newton	1+		Site Name Withheld	Comments Withheld	D0062/003/01	Bern, RD2(UK), S42, UKBAP, UKBR, WBR, LBAP[CON, DEN, FLI, GWY]	4	☑
<i>Prunella modularis</i> (Duncock / Lwyd y Gwrych)	SJ3252	2 records, between 28/01/2009 and 13/05/2009	Jason Newton	2		Site Name Withheld	Comments Withheld	D0062/001/01	Bern, RD2(UK), S42, UKBA, UKBAP, LBAP[CON]	3	☑
<i>Prunella modularis</i> (Duncock / Lwyd y Gwrych)	SJ3253	2 records, between 16/05/2009 and 27/02/2010	Jason Newton	4; 1		Site Name Withheld	Comments Withheld	D0062/003/01 D0062/001/01	Bern, RD2(UK), S42, UKBA, UKBAP, LBAP[CON]	3	☑
<i>Prunella modularis</i> (Duncock / Lwyd y Gwrych)	SJ3351	4 records, between 04/11/2008 and 15/07/2011	Jason Newton; Kevin Smith	1; 2		Site Name Withheld	Comments Withheld	D0062/001/01 D0062/003/01	Bern, RD2(UK), S42, UKBA, UKBAP, LBAP[CON]	3	☑
<i>Prunella modularis</i> (Duncock / Lwyd y Gwrych)	SJ3352	3 records, between 21/01/2009 and 27/02/2010	Jason Newton	15; 1; 6		Site Name Withheld	Comments Withheld	D0062/001/01 D0062/003/01	Bern, RD2(UK), S42, UKBA, UKBAP, LBAP[CON]	3	☑
<i>Prunella modularis</i> (Duncock / Lwyd y Gwrych)	SJ3353	3 records, between 21/01/2009 and 27/02/2010	Jason Newton	2; 3; 1		Site Name Withheld	Comments Withheld	D0062/001/01 D0062/003/01	Bern, RD2(UK), S42, UKBA, UKBAP, LBAP[CON]	3	☑
<i>Prunella modularis</i> (Duncock / Lwyd y Gwrych)	SJ3452	84 records, between 02/01/2007 and 28/06/2011	Patricia Ann Roberts; Kevin Smith; Jason Newton	1; 2; 3; 4		Wrexham, Acton Park; Site Name Withheld	Birdtrack; Comments Withheld; BirdTrack	D1297/005/01 D1297/002/01 D0062/001/01 D0062/003/01	Bern, RD2(UK), S42, UKBA, UKBAP, LBAP[CON]	1	☑
<i>Prunella modularis</i> (Duncock / Lwyd y Gwrych)	SJ3453	12 records, between 01/01/2006 and 06/04/2013	Chris Pritchard; Norman Hallas; Kevin Smith; Jason Newton; Julie Rogers; Taylor, T B; Davies, S	2; 1+; 3; 1; 6		Wrexham, Gresford Flash; Site Name Withheld; Gresford Flash	BirdTrack; Comments Withheld	D1297/002/01 D1297/005/01 D0062/003/01 D0062/001/01 D1297/012/01	Bern, RD2(UK), S42, UKBA, UKBAP, LBAP[CON]	1	☑
<i>Pyrrhula pyrrhula</i> (Bullfinch / Coch y Berllan)	SJ3252	15/10/2010	James Lang	1		Wrexham, Rhosrobin	Birdtrack	D1297/005/01	S42, UKBA, UKBAP, UKBR, WBR, LBAP[CON, DEN, FLI, GWY]	1	☑
<i>Pyrrhula pyrrhula</i> (Bullfinch / Coch y Berllan)	SJ3253	16/05/2009	Jason Newton	2		Site Name Withheld	Comments Withheld	D0062/001/01	S42, UKBA, UKBAP, UKBR, WBR, LBAP[CON, DEN, FLI, GWY]	3	☑

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V	Q
<i>Pyrrhula pyrrhula</i> (Bullfinch / Coch y Berllan)	SJ3353	3 records, between 10/07/2007 and 13/05/2010	Neil Hughes; Jason Newton	2: 1 Male		Site Name Withheld	Comments Withheld	D0062/001/01 D0062/003/01	S42, UKBA, UKBAP, UKBR, WBR, LBAP[CON, DEN, FLI, GWY]	3	☑
<i>Pyrrhula pyrrhula</i> (Bullfinch / Coch y Berllan)	SJ3452	4 records, between 20/11/2008 and 28/05/2011	Jason Newton; Kevin Smith	1: 1 Female; 1 Male		Site Name Withheld	Comments Withheld	D0062/001/01 D0062/003/01	S42, UKBA, UKBAP, UKBR, WBR, LBAP[CON, DEN, FLI, GWY]	3	☑
<i>Pyrrhula pyrrhula</i> (Bullfinch / Coch y Berllan)	SJ3453	8 records, between 07/01/2005 and 10/02/2010	Jason Newton; Hugh Linn; Kevin Smith	2: 1; 1 Male; 1 Female		Site Name Withheld	Comments Withheld	D0062/001/01 D0062/003/01	S42, UKBA, UKBAP, UKBR, WBR, LBAP[CON, DEN, FLI, GWY]	3	☑
<i>Sturnus vulgaris</i> (Starling / Drudwen)	SJ3253	2 records, between 16/05/2009 and 27/02/2010	Jason Newton	50; 3		Site Name Withheld	Comments Withheld	D0062/003/01 D0062/001/01	BDI2.2, Bem, RD2(UK), S42, UKBAP, UKBR, WBR, LBAP[CON, FLI, GWY]	3	☑
<i>Sturnus vulgaris</i> (Starling / Drudwen)	SJ3351	6 records, between 05/11/2008 and 29/01/2010	Sharon Williams; Jason Newton; Barbara Cooper-Poole	15; 30; 60; 3; 2000+; 6		Wrexham, N; Site Name Withheld	Birdtrack; Comments Withheld	D1297/005/01 D0062/001/01 D0062/003/01	BDI2.2, Bem, RD2(UK), S42, UKBAP, UKBR, WBR, LBAP[CON, FLI, GWY]	1	☑
<i>Sturnus vulgaris</i> (Starling / Drudwen)	SJ3352	3 records, between 21/01/2009 and 27/02/2010	Jason Newton	25; 20; 17		Site Name Withheld	Comments Withheld	D0062/001/01 D0062/003/01	BDI2.2, Bem, RD2(UK), S42, UKBAP, UKBR, WBR, LBAP[CON, FLI, GWY]	3	☑
<i>Sturnus vulgaris</i> (Starling / Drudwen)	SJ3376752770	31/10/2008	Jim Hulise; Val Hulise	17		Site Name Withheld	Comments Withheld	D0062/001/01	BDI2.2, Bem, RD2(UK), S42, UKBAP, UKBR, WBR, LBAP[CON, FLI, GWY]	3	☑
<i>Sturnus vulgaris</i> (Starling / Drudwen)	SJ3353	2 records, between 21/01/2009 and 16/05/2009	Jason Newton	7; 1		Site Name Withheld	Comments Withheld	D0062/001/01	BDI2.2, Bem, RD2(UK), S42, UKBAP, UKBR, WBR, LBAP[CON, FLI, GWY]	3	☑
<i>Sturnus vulgaris</i> (Starling / Drudwen)	SJ3452	185 records, between 02/01/2007 and 31/12/2013	Patricia Ann Roberts; Norman Hallas; Kevin Smith; Jason Newton; Roberts, PA	40; 12; 7; 5; 3; 1; 9; 4; 2; 15; 20+; 16; 20; 25+; 17; 30+; 5; 13; 25; 14; 11; 3 Juvenile; 8; 1 Adult; 30		Wrexham, Acton Park; Site Name Withheld	BirdTrack; BirdTrack; BirdTrack fed by two adults; Comments Withheld	D1297/005/01 D1297/002/01 D0062/001/01 D0062/003/01 D1297/012/01	BDI2.2, Bem, RD2(UK), S42, UKBAP, UKBR, WBR, LBAP[CON, FLI, GWY]	1	☑
<i>Sturnus vulgaris</i> (Starling / Drudwen)	SJ3453	15 records, between 02/01/2006 and 21/02/2010	Chris Pritchard; Kevin Smith; Neil Hughes; Jason Newton; Julie Rogers; Steven Davies	1+; 16; 10; 40+; 1500+; 200+; 100; 200; 400+; 650+; 20		Wrexham, Gresford Flash; Site Name Withheld	Comments Withheld, Birdtrack:	D1297/002/01 D0062/001/01 D0062/003/01 D1297/005/01	BDI2.2, Bem, RD2(UK), S42, UKBAP, UKBR, WBR, LBAP[CON, FLI, GWY]	1	☑
<i>Tringa nebularia</i> (Greenshank / Pibydd Coeswyrdd)	SJ3453	4 records, between 27/08/2008 and 05/10/2009	Jason Newton	1; 2		Site Name Withheld	Comments Withheld	D0062/001/01	BDI2.2, Bonn, WCA1.1, LBAP[CON]	3	☑
<i>Tringa ochropus</i> (Green Sandpiper / Pibydd Gwyrdd)	SJ3353	24/02/2009	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01	Bem, Bonn, UKBA, WCA1.1, LBAP[CON]	3	☑
<i>Tringa ochropus</i> (Green Sandpiper / Pibydd Gwyrdd)	SJ3453	5 records, between 28/08/2006 and 17/03/2010	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01 D0062/003/01	Bem, Bonn, UKBA, WCA1.1, LBAP[CON]	3	☑
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ322526	2 records, between 2002 and 01/03/2005	Michael Penney; LW	2 T, 1B		Othsa:210:2004; Metalbox Factory	TEP 1 2002	D1317/001/01 D1118/011/03	Bem, EPS, HDir, RD1(UK), RD2(UK), S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3	☑
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ322527	9 records, between 07/03/2002 and 01/05/2002	Rachel Hayward	2 Male; 1 Female; 2 Male, Juvenile; Female		Othsa:16:2002; Wrexham; Metalbox Factory	Bottle trapping; Torch survey	D1317/001/01 D1310/001/01	Bem, EPS, HDir, RD1(UK), RD2(UK), S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3	☑
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ3226652769	2002	TEP	Max Count 3		Metalbox Factory		D1118/011/03	Bem, EPS, HDir, RD1(UK), RD2(UK), S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	1	☑
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ32275277	2 records, between 11/04/2005 and 21/04/2005	Tim Ross	2 Male; 9 Male		Wrexham; Metalbox Factory	Torch survey	D1310/001/01	Bem, EPS, HDir, RD1(UK), RD2(UK), S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	1	☑
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ323525 (Supplied by Original Recorder (Unchecked))	15 records, between 07/03/2002 and 11/04/2005	Rachel Hayward; Tim Ross	5 Male; 3 Female; 3 Male; 1 Female; 1 Female; 3 Male; 2 Female; 4 Male; 1 Female; 13 Male; 4 Female; 1 Male; Egg; 6 Male; 5 Female		Wrexham; Metalbox Factory; Othsa:18:2002	Torch survey; Bottle trap	D1310/001/01 D1317/001/01	Bem, EPS, HDir, RD1(UK), RD2(UK), S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	1	☑
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ3236452999	2002	TEP			Metalbox Factory		D1118/011/03	Bem, EPS, HDir, RD1(UK), RD2(UK), S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	1	☑
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ323526	2 records, both on 02/04/2002	Rachel Hayward	1 Male		Othsa:16:2002; Wrexham; Metalbox Factory	Torch survey	D1317/001/01 D1310/001/01	Bem, EPS, HDir, RD1(UK), RD2(UK), S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3	☑
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ3235260	2 records, between 11/04/2005 and 21/04/2005	Tim Ross	1 Male; 4 Male		Wrexham; Metalbox Factory	Torch survey	D1310/001/01	Bem, EPS, HDir, RD1(UK), RD2(UK), S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	1	☑
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ323527 (Supplied by Original Recorder (Unchecked))	19 records, between 07/03/2002 and 11/05/2006	Rachel Hayward; John Crowder; Michael Penney	Egg: 4 Male; 1 Female; 3 Male; 1 Female; 2 Adult; 25 Adult; 4 Adult; 5 Male; 2 Female; 4 Male; 2 Female; 3 Male; 4 Female; 1 Male; 4 Female		Wrexham; Metalbox Factory; Othsa:18:2002; Othsa:253:2005	Torch survey; Translocated to SJ324525; Bottle trapping	D1310/001/01 D1317/001/01	Bem, EPS, HDir, RD1(UK), RD2(UK), S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	1	☑
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ32335270	Before 23/03/2007	TEP	Max Count 7 (2002)		Metalbox Factory		D1118/011/03	Bem, EPS, HDir, RD1(UK), RD2(UK), S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	1	☑
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ3233452794	Before 23/03/2007	TEP	Max Count 7 (2002)		Metalbox Factory		D1118/011/03	Bem, EPS, HDir, RD1(UK), RD2(UK), S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	1	☑
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ323528	March 2006 - August 2006	Michael Penney			Othsa:253:2006		D1317/001/01	Bem, EPS, HDir, RD1(UK), RD2(UK), S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3	☑
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ323529	March 2006 - August 2006	Michael Penney			Othsa:253:2007		D1317/001/01	Bem, EPS, HDir, RD1(UK), RD2(UK), S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3	☑
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ324525 (Supplied by Original Recorder (Checked))	4 records, between 21/04/2005 and 11/05/2006	Tim Ross; John Daniel Crowder	2 Male		Wrexham; Metalbox Factory; Othsa:48:2006	Torch survey	D1310/001/01 D1317/001/01	Bem, EPS, HDir, RD1(UK), RD2(UK), S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	1	☑

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V	CA
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Diver Gribog)	SJ32795322 (Approximate)	1992	Anon	Present		Near Round Wood		D1118/011/03	Bern, EPS, HDV, RD1(UK), RD2(UK), S42, UKBAP, WCA5, LBAPANG, CON, DEN, FLI, SNP, WRE]	1	CA
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Diver Gribog)	SJ32795325 (Supplied by Original Recorder)	05/06/1992	Anon - Herpetofauna Consultants International					D1122/001/01	Bern, EPS, HDV, RD1(UK), RD2(UK), S42, UKBAP, WCA5, LBAPANG, CON, DEN, FLI, SNP, WRE]	3	CA
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Diver Gribog)	SJ334537	8 records, between 02/05/2003 and 26/05/2003	Timothy John Hodnett, Tim Hodnett	1: 1 Adult		Othsa.79/2002; Gresford, Wilderness Tip	Torch survey	D1317/001/01 D0268/027/01 D1310/001/01	Bern, EPS, HDV, RD1(UK), RD2(UK), S42, UKBAP, WCA5, LBAPANG, CON, DEN, FLI, SNP, WRE]	3	CA
<i>Turdus iliacus</i> (Redwing / Cosh Dan Adain)	SJ3351	3 records, between 04/02/2009 and 26/12/2011	Jason Newton; Kevin Smith	7; 20; 1		Site Name Withheld	Comments Withheld	D0062/003/01 D0062/001/01	BDI2.2, UKBA, UKBR, WBA, WCA1.1, LBAP[CON]	3	CA
<i>Turdus iliacus</i> (Redwing / Cosh Dan Adain)	SJ3353	10/10/2004	Kevin Smith	40		Site Name Withheld	Comments Withheld	D0062/001/01	BDI2.2, UKBA, UKBR, WBA, WCA1.1, LBAP[CON]	3	CA
<i>Turdus iliacus</i> (Redwing / Cosh Dan Adain)	SJ3452	15 records, between 07/10/2005 and 15/10/2011	Patricia Ann Roberts; Jason Newton; Kevin Smith; Norman Hallas	1; 2; 5; 3; 30; 20		Wrexham, Acton Park; Site Name Withheld	Birdtrack - Comments Withheld; BirdTrack	D1297/005/01 D0062/001/01 D0062/003/01 D1297/002/01	BDI2.2, UKBA, UKBR, WBA, WCA1.1, LBAP[CON]	1	CA
<i>Turdus iliacus</i> (Redwing / Cosh Dan Adain)	SJ3453	4 records, between 01/01/2008 and 25/02/2010	Jason Newton; Kevin Smith	20; 1; 10; 63		Site Name Withheld	Comments Withheld	D0062/001/01 D0062/003/01	BDI2.2, UKBA, UKBR, WBA, WCA1.1, LBAP[CON]	3	CA
<i>Turdus philomelos</i> (Song Thrush / Bronfrith)	SJ3252	16/05/2009	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01	BDI2.2, Bern, RD2(UK), S42, UKBAP, UKBR, WBA, LBAPANG, CON, DEN, FLI, GWY, SNP, WRE]	3	CA
<i>Turdus philomelos</i> (Song Thrush / Bronfrith)	SJ3253	2 records, between 16/05/2009 and 27/02/2010	Jason Newton	2		Site Name Withheld	Comments Withheld	D0062/001/01 D0062/003/01	BDI2.2, Bern, RD2(UK), S42, UKBAP, UKBR, WBA, LBAPANG, CON, DEN, FLI, GWY, SNP, WRE]	3	CA
<i>Turdus philomelos</i> (Song Thrush / Bronfrith)	SJ3351	3 records, between 15/11/2008 and 26/01/2010	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01 D0062/003/01	BDI2.2, Bern, RD2(UK), S42, UKBAP, UKBR, WBA, LBAPANG, CON, DEN, FLI, GWY, SNP, WRE]	3	CA
<i>Turdus philomelos</i> (Song Thrush / Bronfrith)	SJ3352	2 records, between 13/06/2009 and 27/02/2010	Jason Newton	1; 2		Site Name Withheld	Comments Withheld	D0062/001/01 D0062/003/01	BDI2.2, Bern, RD2(UK), S42, UKBAP, UKBR, WBA, LBAPANG, CON, DEN, FLI, GWY, SNP, WRE]	3	CA
<i>Turdus philomelos</i> (Song Thrush / Bronfrith)	SJ3353	2 records, between 27/02/2010 and 13/05/2010	Neil Hughes; Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/003/01	BDI2.2, Bern, RD2(UK), S42, UKBAP, UKBR, WBA, LBAPANG, CON, DEN, FLI, GWY, SNP, WRE]	3	CA
<i>Turdus philomelos</i> (Song Thrush / Bronfrith)	SJ3452	23 records, between 09/01/2007 and 17/05/2011	Kevin Smith; Norman Hallas; Patricia Ann Roberts; Jason Newton	1; 2; 1 Male; 3		Site Name Withheld; Wrexham, Acton Park	Comments Withheld; Birdtrack; Breeding code: S; Birdtrack - BirdTrack	D0062/003/01 D1297/005/01 D1297/002/01 D0062/001/01	BDI2.2, Bern, RD2(UK), S42, UKBAP, UKBR, WBA, LBAPANG, CON, DEN, FLI, GWY, SNP, WRE]	3	CA
<i>Turdus philomelos</i> (Song Thrush / Bronfrith)	SJ3453	5 records, between 02/05/2007 and 15/12/2009	Chris Pritchard; Jason Newton; Peter Lawton	1; 2		Wrexham, Gresford Park; Site Name Withheld	Comments Withheld	D1297/002/01 D0062/001/01	BDI2.2, Bern, RD2(UK), S42, UKBAP, UKBR, WBA, LBAPANG, CON, DEN, FLI, GWY, SNP, WRE]	1	CA
<i>Turdus pilaris</i> (Fieldfare / Socan Eira)	SJ3351	2 records, between 03/02/2009 and 14/01/2010	Jason Newton	1; 11		Site Name Withheld	Comments Withheld	D0062/001/01	BDI2.2, UKBA, UKBR, WBA, WCA1.1, LBAP[CON]	3	CA
<i>Turdus pilaris</i> (Fieldfare / Socan Eira)	SJ3452	8 records, between 12/03/2006 and 19/01/2010	Patricia Ann Roberts; Jason Newton; Kevin Smith	2; 40; 1		Wrexham, Acton Park; Site Name Withheld	Birdtrack - Comments Withheld	D1297/005/01 D0062/001/01 D1297/002/01	BDI2.2, UKBA, UKBR, WBA, WCA1.1, LBAP[CON]	1	CA
<i>Turdus pilaris</i> (Fieldfare / Socan Eira)	SJ3453	6 records, between 25/04/2004 and 23/03/2010	Jason Newton; Kevin Smith; Norman Hallas	140; 30; 10; 50; 25		Site Name Withheld	Comments Withheld	D0062/003/01 D0062/001/01	BDI2.2, UKBA, UKBR, WBA, WCA1.1, LBAP[CON]	3	CA
<i>Turdus torquatus</i> (Ring Ouzel / Maysichen y Mynydd)	SJ3453	25/10/2007	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01	Bern, S42, UKBAP, UKBR, WBR, LBAP[CON, DEN, FLI, GWY]	3	CA
<i>Tyto alba</i> (Barn Owl / Tyluan Wen)	SJ35 (Selected from Interactive Map)	17/11/2012	Faye Durkin	1 Full-Grown		Site Name Withheld	Comments Withheld	D1117/001/01	Bern, CITES, RD2(UK), UKBA, WBA, WCA1.1, WCA5, LBAPANG, CON, DEN, FLI, GWY, SNP, WRE]	4	CA
<i>Vanellus vanellus</i> (Lapwing / Cornchwiglen)	SJ3353	2 records, between 25/01/2004 and 06/01/2008	Kevin Smith; Norman Hallas	200; 60		Site Name Withheld	Comments Withheld	D0062/001/01	BDI2.2, Bern, S42, UKBA, UKBAP, UKBR, WBR, LBAPANG, CON, DEN, FLI, GWY, SNP]	3	CA
<i>Vanellus vanellus</i> (Lapwing / Cornchwiglen)	SJ3453	39 records, between 05/03/2004 and 14/12/2011	Chris Pritchard; Hugh Linn; Jason Newton; Norman Hallas; Kevin Smith; Julie Rogers; Kevin Smith; Norman Hallas	2; 1+; 120; 100+; 200+; 300+; 5; 1 Female; 1 Male; 50; 10+; 30; 20; 40+; 500+; 200; 1; 110; 100; 40; 150+; 60		Wrexham, Gresford Park; Site Name Withheld	Comments Withheld	D1297/002/01 D0062/003/01 D0062/001/01	BDI2.2, Bern, S42, UKBA, UKBAP, UKBR, WBR, LBAPANG, CON, DEN, FLI, GWY, SNP]	1	CA
<i>Vipera berus</i> (Adder / Gwiber)	SJ325634	1993	Anon.			Gwersyllt	Near river	D0035/002/01	Bern, S42, UKBAP, WCA5, LBAPANG, CON, DEN, FLI, GWY, SNP]	4	CA
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ325634	1993	Anon.			Gwersyllt	Near river	D0035/002/01	Bern, S42, UKBAP, WCA5, LBAPANG, CON, DEN, FLI, GWY, SNP]	4	CA
Category 2 Species (Global Red List, British Red Data Book, Nationally Rare & Scarce, Welsh Red and Amber Birds & Welsh Vascular Plant Red Data List, where these are not identified in Category 1) within 1000m - 1306 records											
<i>Actitis hypoleucos</i> (Common Sandpiper / Pibydd y Dorian)	SJ3452	3 records, between 19/04/2008 and 07/06/2008	Jason Newton	1 Adult		Site Name Withheld	Comments Withheld	D0062/001/01	Bern, Bonn, UKBA, WBA	3	CA
<i>Actitis hypoleucos</i> (Common Sandpiper / Pibydd y Dorian)	SJ3453	29 records, between 15/04/2004 and 15/06/2011	Chris Pritchard; Kevin Smith; Jason Newton; Mervyn Rogers; Norman Hallas	1; 4; 2; 1+; 2 Adult		Wrexham, Gresford Park; Site Name Withheld	Comments Withheld	D1297/002/01 D0062/001/01 D0062/003/01	Bern, Bonn, UKBA, WBA	1	CA
<i>Aegithalos caudatus</i> (Long-tailed Tit / Tîw Cynffon-Hir)	SJ3251	10/12/2008	Jason Newton	10		Site Name Withheld	Comments Withheld	D0062/001/01	WBA	3	CA
<i>Aegithalos caudatus</i> (Long-tailed Tit / Tîw Cynffon-Hir)	SJ3253	3 records, between 16/05/2009 and 27/02/2010	Jason Newton	2; 1 Juvenile; 1		Site Name Withheld	Comments Withheld	D0062/003/01 D0062/001/01	WBA	3	CA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V	CA
<i>Aegithalos caudatus</i> (Long-tailed Tit / Tîw Cynffon-Hir)	SJ3351	2 records, between 15/11/2009 and 10/11/2009	Jason Newton	2; 10		Site Name Withheld	Comments Withheld	D0062/001/01	WBA	3	CA
<i>Aegithalos caudatus</i> (Long-tailed Tit / Tîw Cynffon-Hir)	SJ3352	2 records, between 25/01/2009 and 18/07/2009	Jason Newton	70+; 2		Site Name Withheld	Comments Withheld	D0062/001/01	WBA	3	CA
<i>Aegithalos caudatus</i> (Long-tailed Tit / Tîw Cynffon-Hir)	SJ3452	44 records, between 09/10/2009 and 17/03/2013	Jason Newton; Kevin Smith; Patricia Ann Roberts; Norman Hallas; Roberts, PA; Davies, S	25; 11; 6; 10; 5; 2; 20+; 50; 1; 4; 15; 8; 3		Site Name Withheld; Wrexham, Acton Park, Little Acton	Comments Withheld; BirdTrack; BirdTrack:	D0062/001/01 D0062/003/01 D1297/002/01 D1297/005/01 D1297/012/01	WBA	3	CA
<i>Aegithalos caudatus</i> (Long-tailed Tit / Tîw Cynffon-Hir)	SJ3453	6 records, between 01/01/2009 and 27/01/2013	Kevin Smith; Jason Newton; Davies, S	3; 15; 20; 1; 4		Site Name Withheld; Wrexham, Gresford Flash, Gresford Flash	Comments Withheld	D0062/001/01 D0062/003/01 D1297/002/01 D1297/012/01	WBA	3	CA
<i>Amblystegium humile</i> (Constricted Feather-moss)	SJ325533	2 records, both in April 1925	Jones, D.A.			Gwersyllt Pond	Recorded as <i>Hygroamblystegium</i> <i>humile</i>	D1075/001/03	RD1(Wales), RD2(UK), LBAPIDEN, PL1, LUDC48, VC50, VC51	3	CA
<i>Anas clypeata</i> (Shoveler / Hwyaeden Lydanbig)	SJ3452	2 records, between 15/01/2009 and 18/01/2010	Jason Newton	3; 4		Site Name Withheld	Comments Withheld	D0062/001/01 D0062/003/01	BDi2.1, Bonn, CITES, UKBA, WBA, LBAP[CON, GWY]	3	CA
<i>Anas clypeata</i> (Shoveler / Hwyaeden Lydanbig)	SJ3453	123 records, between 25/01/2004 and 19/04/2013	Anthony Britner; Hugh Linn; Norman Hallas; Kevin Smith; Julie Rogers; Neil Hughes; Jason Newton; Steven Davies; Davies, S; Hughes, JN; Taylor, T B; Peter Lawton	1+; 42; 2; 14; 23; 2 Male; 8; 6; 20; 2 Pair; 10; 25; 48; 114; 4+; 62; 76; 50; 3; 1 Male; 1 Female; 4; 5; 11; 28; 44; 46; 32; 16; 18; 19; 22; 13; 12; 16; 17; 45+; 33; 12+; 26; 67; 14+; 72; 66; 115+ Adu		Wrexham, Gresford Flash, Site Name Withheld, Gresford Flash	Comments Withheld; BirdTrack:	D1297/002/01 D0062/001/01 D1297/005/01 D1297/012/01 D0062/003/01	BDi2.1, Bonn, CITES, UKBA, WBA, LBAP[CON, GWY]	1	CA
<i>Anas crecca</i> (Teal / Cortiwyaden)	SJ3452	2 records, between 07/11/2007 and 02/11/2009	Jason Newton	1 Female; 1 Male		Site Name Withheld	Comments Withheld	D0062/001/01	BDi2.1, Bonn, CITES, UKBA, WBA, LBAP[CON, GWY]	3	CA
<i>Anas crecca</i> (Teal / Cortiwyaden)	SJ3453	9 records, between 06/02/2006 and 06/04/2010	Jason Newton; Kevin Smith	1 Male; 1 Female; 2; 170; 8		Site Name Withheld	Comments Withheld	D0062/003/01 D0062/001/01	BDi2.1, Bonn, CITES, UKBA, WBA, LBAP[CON, GWY]	3	CA
<i>Anas penelope</i> (Wigeon / Chaiwell)	SJ36	13/04/2007	Chris Pritchard	1+		Site Name Withheld	Comments Withheld	D1297/002/01	BDi2.1, Bonn, CITES, WBA, LBAP[CON, GWY]	1	CA
<i>Anas platyrhynchos</i> (Mallard / Hwyaeden Wylt)	SJ3253	3 records, all on 16/05/2009	Jason Newton	4 Juvenile; 1 Female; 1 Male		Site Name Withheld	Comments Withheld	D0062/001/01	BDi2.1, Bonn, UKBA, WBA, LBAP[CON, GWY]	3	CA
<i>Anas platyrhynchos</i> (Mallard / Hwyaeden Wylt)	SJ3352	3 records, between 16/05/2009 and 27/02/2010	Jason Newton	1 Female; 1 Male; 3		Site Name Withheld	Comments Withheld	D0062/001/01 D0062/003/01	BDi2.1, Bonn, UKBA, WBA, LBAP[CON, GWY]	3	CA
<i>Anas platyrhynchos</i> (Mallard / Hwyaeden Wylt)	SJ3353	2 records, between 21/01/2009 and 16/05/2009	Jason Newton	1; 6		Site Name Withheld	Comments Withheld	D0062/001/01	BDi2.1, Bonn, UKBA, WBA, LBAP[CON, GWY]	3	CA
<i>Anas platyrhynchos</i> (Mallard / Hwyaeden Wylt)	SJ3452	13 records, between 16/10/2005 and 17/03/2013	Chris Pritchard; Jason Newton; Kevin Smith; Norman Hallas; Davies, S	1+; 20; 40; 30; 32; 75; c30; 8; 15		Wrexham, Acton Park; Site Name Withheld	Comments Withheld; BirdTrack 35 adults; ducklings vary in age; youngest - and largest - brood = 10. BirdTrack probably still largest; main lake 90% frozen; Breeding status: Courtship and display; BirdTrack:	D1297/002/01 D0062/001/01 D0062/003/01 D1297/005/01 D1297/012/01	BDi2.1, Bonn, UKBA, WBA, LBAP[CON, GWY]	1	CA
<i>Anas platyrhynchos</i> (Mallard / Hwyaeden Wylt)	SJ3453	45 records, between 15/01/2004 and 03/11/2013	Chris Pritchard; Julie Rogers; Kevin Smith; Norman Hallas; Anthony Britner; Jason Newton; Peter Lawton; Steven Davies; Davies, S; Taylor, T B	1+; 11; 9+; 6+; 5+; 5; 10; 5; 20; 1; 1 Female; 15; 25; 10+; 4; 3+; 30; 2+; 8; 7 Juvenile; 24; 7; 27; c20; 16+		Wrexham, Gresford Flash, Site Name Withheld, Gresford Flash	Comments Withheld; BirdTrack; BirdTrack	D1297/002/01 D0062/001/01 D0062/003/01 D1297/005/01 D1297/012/01	BDi2.1, Bonn, UKBA, WBA, LBAP[CON, GWY]	1	CA
<i>Anas strepera</i> (Gadwall / Hwyaeden Lwyd)	SJ3452	11/09/2009	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01	BDi2.1, Bonn, UKBA, WBA, LBAP[CON, GWY]	3	CA
<i>Anas strepera</i> (Gadwall / Hwyaeden Lwyd)	SJ3453	3 records, between 17/04/2006 and 26/01/2010	Jason Newton	1 Male		Site Name Withheld	Comments Withheld	D0062/001/01 D0062/003/01	BDi2.1, Bonn, UKBA, WBA, LBAP[CON, GWY]	3	CA
<i>Anser anser</i> (Greylag Goose / Gwydd Wylt)	SJ3452	30/12/2011	Kevin Smith	1		Site Name Withheld	Comments Withheld	D0062/003/01	BDi2.1, Bonn, Bonn, RD2(UK), UKBA WCA1.2, LBAP[CON]	3	CA
<i>Anser anser</i> (Greylag Goose / Gwydd Wylt)	SJ3453	81 records, between 25/11/2004 and 28/11/2013	Anthony Britner; Chris Pritchard; Norman Hallas; Kevin Smith; Julie Rogers; Neil Hughes; Jason Newton; Steven Davies; Hugh Linn; Linn, F H; Davies, S	1+; 3; 7 Adult; 2; 15; 30; 10; 1; 80+; 200+; 300; 190; 5; 65; 180; 50; 10 Juvenile; 35; 61; 54; 8; 65; 68; 20; 6+; 52; 80+; 68; 50+; 40+; 30+; 4; 135+; 130+; 11; 80; 100; 150+; 153; 111; 27; c450; c30		Wrexham, Gresford Flash, Site Name Withheld, Gresford Flash, Gresford Flash	Comments Withheld; BirdTrack:	D1297/002/01 D0062/001/01 D0062/003/01 D1297/012/01 D1297/005/01	BDi2.1, Bonn, Bonn, RD2(UK), UKBA WCA1.2, LBAP[CON]	1	CA
<i>Anser brachyrhynchos</i> (Pink-footed Goose / Gwydd Troetbinc)	SJ3453	9 records, between 15/05/2004 and 06/02/2010	Kevin Smith; Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01 D0062/003/01	BDi2.2, Bonn, Bonn, RD2(UK), UKBA	3	CA
<i>Anthus pratensis</i> (Meadow Pipit / Corheddyd y Waun)	SJ3352	25/01/2009	Jason Newton	3		Site Name Withheld	Comments Withheld	D0062/001/01	Bonn, UKBA, WBA, LBAP[CON]	3	CA
<i>Anthus pratensis</i> (Meadow Pipit / Corheddyd y Waun)	SJ3353	25/01/2009	Jason Newton	2		Site Name Withheld	Comments Withheld	D0062/001/01	Bonn, UKBA, WBA, LBAP[CON]	3	CA
<i>Anthus pratensis</i> (Meadow Pipit / Corheddyd y Waun)	SJ3452	2 records, between 25/02/2009 and 01/04/2009	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01	Bonn, UKBA, WBA, LBAP[CON]	3	CA
<i>Anthus pratensis</i> (Meadow Pipit / Corheddyd y Waun)	SJ3453	3 records, between 25/11/2008 and 23/03/2010	Jason Newton	30; 21; 10		Site Name Withheld	Comments Withheld	D0062/003/01 D0062/001/01	Bonn, UKBA, WBA, LBAP[CON]	3	CA
<i>Apus apus</i> (Swift / Gwennol Ddu)	SJ3251	13/06/2009	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01	UKBA, WBA	3	CA
<i>Apus apus</i> (Swift / Gwennol Ddu)	SJ3252	13/06/2009	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01	UKBA, WBA	3	CA
<i>Apus apus</i> (Swift / Gwennol Ddu)	SJ3253	20/06/2009	Jason Newton	10		Site Name Withheld	Comments Withheld	D0062/001/01	UKBA, WBA	3	CA
<i>Apus apus</i> (Swift / Gwennol Ddu)	SJ3351	2 records, between 02/09/2004 and 19/05/2009	Jason Newton; Kevin Smith	3; 2		Site Name Withheld	Comments Withheld	D0062/001/01	UKBA, WBA	3	CA
<i>Apus apus</i> (Swift / Gwennol Ddu)	SJ3352	14 records, between 18/07/2009 and 16/05/2013	Jason Newton; Neil Hughes; Hughes, JN	10; c50; 1; 6		Site Name Withheld; Wrexham, Garden Village	Comments Withheld	D0062/001/01 D0062/003/01 D1297/012/01	UKBA, WBA	3	CA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V	Q
<i>Apus apus</i> (Swift / Gwennol Ddu)	SJ3353	3 records, between 31/05/2007 and 09/05/2010	Neil Hughes; Jason Newton	13, 12, 10		Site Name Withheld	Comments Withheld	D0062/003/01 D0062/001/01	UKBA, WBA	3	☑
<i>Apus apus</i> (Swift / Gwennol Ddu)	SJ3452	93 records, between 30/07/2006 and 30/07/2013	Patricia Ann Roberts; Kevin Smith; Jason Newton; Roberts, PA	9, 3, 10, 6, 2, 1, 60+; 7, 4, 8, 6, 11, 12		Wrexham, Acton Park; Site Name Withheld; Little Acton	Comments Withheld; BirdTrack; Birdtrack:	D1297/002/01 D0062/001/01 D0062/003/01 D1297/005/01 D1297/012/01	UKBA, WBA	1	☑
<i>Apus apus</i> (Swift / Gwennol Ddu)	SJ3453	8 records, between 28/04/2004 and 24/07/2011	Jason Newton; Kevin Smith; Norman Hallas	1, 2, 25, 200+, 1+		Site Name Withheld; Wrexham, Gresford Flash	Comments Withheld; BirdTrack a few; BirdTrack A few of each	D0062/001/01 D1297/005/01	UKBA, WBA	3	☑
<i>Arenaria interpres</i> (Turnstone / Cwtiad y Traeth)	SJ3453	15/10/2008	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01	Bern, Bonn, UKBA, WBA, LBAP[CON, GWY]	3	☑
<i>Aythya ferina</i> (Pochard / Hwyaden Bengoch)	SJ35	24/02/2011	Norman Hallas	1		Site Name Withheld	Comments Withheld	D1297/005/01	BDi2.1, Bonn, UKBA, WBR, LBAP[CON]	1	☑
<i>Aythya fuligula</i> (Tufted Duck / Hwyaden Gopog)	SJ3452	2 records, between 09/05/2005 and 08/02/2010	Kevin Smith; Jason Newton	4, 1 Female		Site Name Withheld	Comments Withheld	D0062/001/01 D0062/003/01	BDi2.1, Bonn, UKBA, WBA, LBAP[CON]	3	☑
<i>Aythya fuligula</i> (Tufted Duck / Hwyaden Gopog)	SJ3453	56 records, between 05/03/2004 and 06/05/2013	Chris Pritchard; Kevin Smith; Jason Newton; Neil Hughes; Julie Rogers; Steven Davies; Davies, S; Hughes, JN; Taylor, T B; Norman Hallas; Hugh Linn	4, 1 Male; 1 Female; 3, 1, 9, 2 Female; 2 Male; 17, 6, 15, 2, 8, 16, 13, 23 Adult; 42+		Wrexham, Gresford Flash; Site Name Withheld; Gresford Flash	Comments Withheld; Birdtrack: Breeding status: Pair; BirdTrack A female with 6 fledglings; BirdTrack F with 6 young still; M set apart; BirdTrack	D1297/002/01 D0062/001/01 D1297/005/01 D1297/012/01 D0062/003/01	BDi2.1, Bonn, UKBA, WBA, LBAP[CON]	1	☑
<i>Branta leucopsis</i> (Barnacle Goose / Gwydd Wyrn)	SJ3453	10 records, between 05/03/2004 and 13/11/2011	Kevin Smith; Jason Newton; Steven Davies; Norman Hallas	9, 43+, 2, 1		Site Name Withheld; Wrexham, Gresford Flash	Comments Withheld; Birdtrack:	D0062/001/01 D0062/003/01 D1297/005/01	BDi1, Bern, Bonn, UKBA, WBA, WCA9	3	☑
<i>Calidris alba</i> (Sanderling / Flibydd y Tywod)	SJ3453	09/05/2004	Kevin Smith	1		Site Name Withheld	Comments Withheld	D0062/001/01	Bern, Bonn, WBA, LBAP[CON]	3	☑
<i>Cinclus cinclus</i> (Dipper / Bronwen y Dart)	SJ3253	18/07/2009	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01	Bern, WBA, LBAP[CON]	3	☑
<i>Columba oenas</i> (Stock Dove / Colomen Wyllt)	SJ3253	2 records, between 20/06/2006 and 27/02/2010	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01 D0062/003/01	BDi2.2, Bern, RD2(UK), UKBA, LBAP[GWY]	3	☑
<i>Columba oenas</i> (Stock Dove / Colomen Wyllt)	SJ3352	25/01/2009	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01	BDi2.2, Bern, RD2(UK), UKBA, LBAP[GWY]	3	☑
<i>Columba oenas</i> (Stock Dove / Colomen Wyllt)	SJ3452	10/04/2009	Jason Newton	3		Site Name Withheld	Comments Withheld	D0062/001/01	BDi2.2, Bern, RD2(UK), UKBA, LBAP[GWY]	3	☑
<i>Columba oenas</i> (Stock Dove / Colomen Wyllt)	SJ3453	37 records, between 05/03/2004 and 06/03/2010	Chris Pritchard; Graham Jones; Kevin Smith; Jason Newton; Neil Hughes; Julie Rogers; Anthony Britner	1, 1+, 6, 2, 5, 3, 8, 75; 4, 55, 16, 10, 17, 6+, 50+, 13, 20, 70, 130		Wrexham, Gresford Flash; Site Name Withheld	Comments Withheld	D1297/002/01 D0062/001/01 D0062/003/01	BDi2.2, Bern, RD2(UK), UKBA, LBAP[GWY]	1	☑

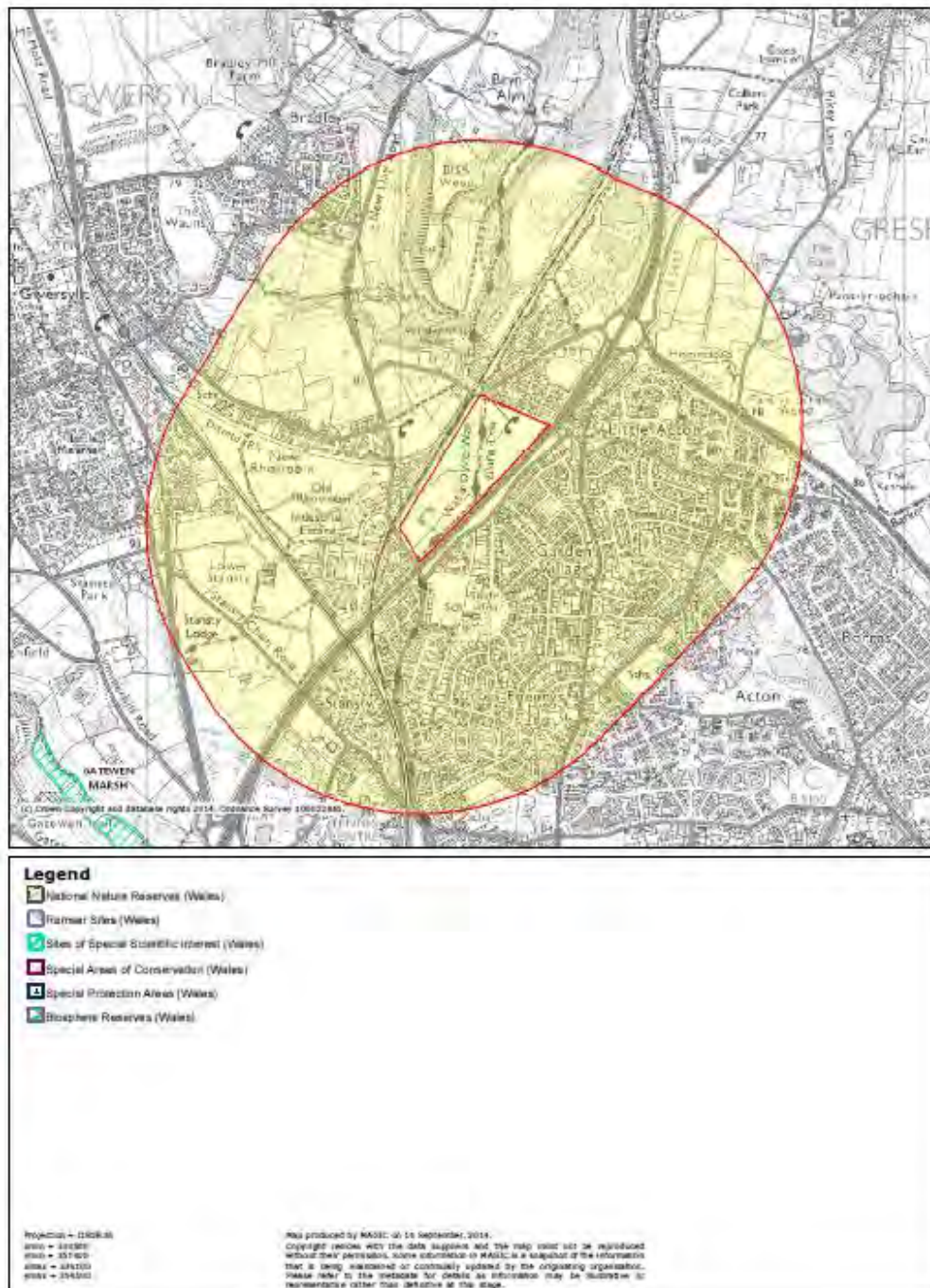
Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V	Q
<i>Cygnus olor</i> (Mute Swan / Alarch Dof)	SJ3452	26 records, between 25/01/2004 and 19/02/2011	Chris Pritchard; Norman Hallas; Kevin Smith; Neil Hughes; Jason Newton; Patricia Ann Roberts	1+, 2, 6, 9, 3 Adult; 3 Juvenile; 3, 4, 1, 5, 4 Juvenile; 2 Adult; 7		Wrexham, Acton Park; Site Name Withheld	Comments Withheld; Birdtrack:	D1297/002/01 D0062/001/01 D0062/003/01 D1297/005/01	BDi2.2, Bonn, UKBA, WBA, LBAP[CON]	1	☑
<i>Cygnus olor</i> (Mute Swan / Alarch Dof)	SJ3453	55 records, between 05/03/2004 and 28/11/2013	Chris Pritchard; Kevin Smith; Jason Newton; Neil Hughes; Norman Hallas; Steven Davies; Linn, F H; Peter Lawton	2, 15, 2 Adult; 4 Juvenile; 4, 1 Firstsummer; 5, 1, 3 Juvenile; 1+, 5, 1 Male; 1 Female; 1 Juvenile; 2 Firstsummer; 2 Juvenile; 8, 19		Wrexham, Gresford Flash; Site Name Withheld; Gresford flash	Comments Withheld; Birdtrack:	D1297/002/01 D0062/001/01 D0062/003/01 D1297/005/01 D1297/012/01	BDi2.2, Bonn, UKBA, WBA, LBAP[CON]	1	☑
<i>Delichon urbicum</i> (House Martin / Gwennol y Bondo)	SJ3252	13/06/2009	Jason Newton	3		Site Name Withheld	Comments Withheld	D0062/001/01	Bern, UKBA, WBA, LBAP[CON]	3	☑
<i>Delichon urbicum</i> (House Martin / Gwennol y Bondo)	SJ3253	18/07/2009	Jason Newton	10		Site Name Withheld	Comments Withheld	D0062/001/01	Bern, UKBA, WBA, LBAP[CON]	3	☑
<i>Delichon urbicum</i> (House Martin / Gwennol y Bondo)	SJ3452	21/05/2009	Jason Newton	2		Site Name Withheld	Comments Withheld	D0062/001/01	Bern, UKBA, WBA, LBAP[CON]	3	☑
<i>Delichon urbicum</i> (House Martin / Gwennol y Bondo)	SJ3453	10 records, between 20/09/2005 and 16/05/2011	Chris Pritchard; Kevin Smith; Jason Newton; Peter Lawton; Norman Hallas	1+, 1, 5, 20+, 80+, 8		Wrexham, Gresford Flash; Site Name Withheld	Comments Withheld; BirdTrack	D1297/002/01 D0062/001/01 D1297/005/01	Bern, UKBA, WBA, LBAP[CON]	1	☑
<i>Egretta garzetta</i> (Little Egret / Creyr Bach)	SJ3453	2 records, both on 26/01/2008	Jason Newton; Neil Hughes	1 Adult; 1		Site Name Withheld	Comments Withheld	D0062/001/01	BDi1, Bern, Bonn, CITES, RD2(UK), UKBA, LBAP[CON, GWY]	3	☑
<i>Euphonia valentiana</i> (Valentian Pug / Pwytyn Tnaglog)	SJ33533	1985	J.B. Formstone	1 Adult		Pandy	Garden: rural. Method: Bred	D1285/001/02	RD2(UK)	3	☑
<i>Gallinago gallinago</i> (Snipe / Giach Cyffredin)	SJ3351	22/01/2009	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01	BDi2.1, Bonn, UKBA, WBA, LBAP[ANG, CON, DEN, FLI, GWY]	3	☑
<i>Gallinago gallinago</i> (Snipe / Giach Cyffredin)	SJ3452	23/02/2009	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01	BDi2.1, Bonn, UKBA, WBA, LBAP[ANG, CON, DEN, FLI, GWY]	3	☑
<i>Gallinago gallinago</i> (Snipe / Giach Cyffredin)	SJ3453	8 records, between 29/01/2005 and 16/02/2009	Jason Newton; Julie Rogers; Kevin Smith	1, 1 Adult		Site Name Withheld	Comments Withheld	D0062/001/01	BDi2.1, Bonn, UKBA, WBA, LBAP[ANG, CON, DEN, FLI, GWY]	3	☑
<i>Haematopus ostralegus</i> (Oystercatcher / Pioden Fôr)	SJ3352	25/02/2009	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01	BDi2.2, Bonn, UKBA, WBA, LBAP[CON, GWY]	3	☑
<i>Haematopus ostralegus</i> (Oystercatcher / Pioden Fôr)	SJ3452	22/08/2008	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01	BDi2.2, Bonn, UKBA, WBA, LBAP[CON, GWY]	3	☑
<i>Haematopus ostralegus</i> (Oystercatcher / Pioden Fôr)	SJ3453	22 records, between 05/04/2004 and 10/05/2011	Kevin Smith; Julie Rogers; Jason Newton; Hugh Linn; Norman Hallas	1, 1 Female; 2 Pair; 3, 2, 1 Male; 3 Adult		Site Name Withheld; Wrexham, Gresford Flash	Comments Withheld; BirdTrack	D0062/001/01 D0062/003/01 D1297/005/01	BDi2.2, Bonn, UKBA, WBA, LBAP[CON, GWY]	3	☑
<i>Hirundo rustica</i> (Swallow / Gwennol)	SJ3252	13/06/2009	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01	Bern, UKBA, WBA, LBAP[ANG, CON, GWY]	3	☑
<i>Hirundo rustica</i> (Swallow / Gwennol)	SJ3253	20/06/2009	Jason Newton	3		Site Name Withheld	Comments Withheld	D0062/001/01	Bern, UKBA, WBA, LBAP[ANG, CON, GWY]	3	☑

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V	Q
<i>Hirundo rustica</i> (Swallow / Gwennol)	SJ3351	18/07/2009	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01	Bern, UKBA, WBA, LBAP[ANG, CON, GWY]	3	☐
<i>Hirundo rustica</i> (Swallow / Gwennol)	SJ3352	2 records, between 13/06/2009 and 23/04/2011	Jason Newton; Neil Hughes	2; 4		Site Name Withheld	Comments Withheld	D0062/001/01 D0062/003/01	Bern, UKBA, WBA, LBAP[ANG, CON, GWY]	3	☐
<i>Hirundo rustica</i> (Swallow / Gwennol)	SJ3452	5 records, between 19/08/2008 and 07/04/2011	Jason Newton; Kevin Smith; Norman Hallas	500+; 300+; 1; 2		Site Name Withheld; Wrexham, Acton Park	Comments Withheld; Birdtrack:	D0062/001/01 D0062/003/01 D1297/005/01	Bern, UKBA, WBA, LBAP[ANG, CON, GWY]	3	☐
<i>Hirundo rustica</i> (Swallow / Gwennol)	SJ3453	23 records, between 07/04/2004 and 19/04/2013	Chris Pritchard; Kevin Smith; Julie Rogers; Jason Newton; Neil Hughes; Hugh Linn; Norman Hallas; Taylor, T B	3; 8+; 5; 1; 10; 20+; 2; 1+		Wrexham, Gresford Flash; Site Name Withheld; Gresford Flash	Comments Withheld; BirdTrack only a few again: BirdTrack	D1297/002/01 D0062/001/01 D0062/003/01 D1297/005/01 D1297/012/01	Bern, UKBA, WBA, LBAP[ANG, CON, GWY]	1	☐
<i>Larus canus</i> (Common Gull / Gwylan y Gweunydd)	SJ3253	27/02/2010	Jason Newton	20		Site Name Withheld	Comments Withheld	D0062/003/01	BDi2.2, Bonn, UKBA, WBR	3	☐
<i>Larus canus</i> (Common Gull / Gwylan y Gweunydd)	SJ3351	2 records, between 19/01/2009 and 19/11/2009	Jason Newton	1; 10		Site Name Withheld	Comments Withheld	D0062/001/01	BDi2.2, Bonn, UKBA, WBR	3	☐
<i>Larus canus</i> (Common Gull / Gwylan y Gweunydd)	SJ3352	21/01/2009	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01	BDi2.2, Bonn, UKBA, WBR	3	☐
<i>Larus canus</i> (Common Gull / Gwylan y Gweunydd)	SJ3452	7 records, between 16/10/2005 and 24/12/2010	Kevin Smith; Norman Hallas; Jason Newton	1; 1100+; 100; 3		Site Name Withheld; Wrexham, Acton Park	Comments Withheld; Birdtrack:	D0062/001/01 D0062/003/01 D1297/005/01	BDi2.2, Bonn, UKBA, WBR	3	☐
<i>Larus canus</i> (Common Gull / Gwylan y Gweunydd)	SJ3453	40 records, between 29/03/2004 and 31/12/2011	Graham Jones; Jason Newton; Neil Hughes; Kevin Smith; Julie Rogers; Peter Lawton; Norman Hallas; Steven Davies	12+; 300+; 350+; 30+; 100; 30; 5; 500+; 25+; 3+; 5+; 400+ Adult; 1350+ Adult; 10+; 400; 300; 1500+; 600+; 3; 250+; 270+; 10; 150; 20+; 6; 13; 1+; 100+; 200+; 4; 2		Wrexham, Gresford Flash; Site Name Withheld	Comments Withheld; Birdtrack:	D1297/002/01 D0062/003/01 D0062/001/01 D1297/005/01	BDi2.2, Bonn, UKBA, WBR	1	☐
<i>Larus fuscus</i> (Lesser Black-backed Gull / Gwylan Gefnddu Leiaf)	SJ3252	20/06/2009	Jason Newton	2		Site Name Withheld	Comments Withheld	D0062/001/01	BDi2.2, Bonn, UKBA, WBA, LBAP[CON, GWY, SNP]	3	☐
<i>Larus fuscus</i> (Lesser Black-backed Gull / Gwylan Gefnddu Leiaf)	SJ3253	20/06/2009	Jason Newton	8		Site Name Withheld	Comments Withheld	D0062/001/01	BDi2.2, Bonn, UKBA, WBA, LBAP[CON, GWY, SNP]	3	☐
<i>Larus fuscus</i> (Lesser Black-backed Gull / Gwylan Gefnddu Leiaf)	SJ3351	2 records, between 11/08/2009 and 25/11/2009	Jason Newton	2; 1		Site Name Withheld	Comments Withheld	D0062/001/01	BDi2.2, Bonn, UKBA, WBA, LBAP[CON, GWY, SNP]	3	☐
<i>Larus fuscus</i> (Lesser Black-backed Gull / Gwylan Gefnddu Leiaf)	SJ3352	16/05/2009	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01	BDi2.2, Bonn, UKBA, WBA, LBAP[CON, GWY, SNP]	3	☐
<i>Larus fuscus</i> (Lesser Black-backed Gull / Gwylan Gefnddu Leiaf)	SJ3353	20/06/2009	Jason Newton	2		Site Name Withheld	Comments Withheld	D0062/001/01	BDi2.2, Bonn, UKBA, WBA, LBAP[CON, GWY, SNP]	3	☐
<i>Larus fuscus</i> (Lesser Black-backed Gull / Gwylan Gefnddu Leiaf)	SJ3452	3 records, between 23/09/2006 and 01/11/2009	Jason Newton; Kevin Smith	1; 2		Site Name Withheld	Comments Withheld	D0062/001/01	BDi2.2, Bonn, UKBA, WBA, LBAP[CON, GWY, SNP]	3	☐
<i>Larus fuscus</i> (Lesser Black-backed Gull / Gwylan Gefnddu Leiaf)	SJ3453	81 records, between 29/03/2004 and 31/12/2011	Anthony Brimer; Chris Pritchard; Graham Jones; Neil Hughes; Julie Rogers; Kevin Smith; Jason Newton; Hugh Linn; Hilary Nash; Peter Lawton; Norman Hallas; Steven Davies	1+; 300+; 200+; 50+; 300; 100; 530+; 200; 150; 500+; 1; 1050; 1000; 22; 5; 133; 1500; 700; 2; 120+; 1750+; 20+; 40+; 700+; 400; 900+; 600; 450+; 150+; 30+; 1000+; 2+; 100+; 42; 1500+; 2700+; 400+; 280		Wrexham, Gresford Flash; Site Name Withheld	Comments Withheld; Birdtrack:	D1297/002/01 D0062/001/01 D0062/003/01 D1297/005/01	BDi2.2, Bonn, UKBA, WBA, LBAP[CON, GWY, SNP]	1	☐
<i>Larus marinus</i> (Great Black-backed Gull / Gwylan Gefnddu Fwyaf)	SJ3453	20 records, between 14/01/2005 and 01/02/2011	Kevin Smith; Hugh Linn; Julie Rogers; Jason Newton; Peter Lawton	1; 1 Adult; 3; 2; 6+ Adult; 1+; 1 Secondyear; 3+; 8; 4; 1 Firstwinter; 1 Secondwinter		Site Name Withheld; Wrexham, Gresford Flash	Comments Withheld	D0062/001/01 D0062/003/01 D1297/002/01	BDi2.2, Bonn, UKBA, WBR	3	☐
<i>Limnodytes minimus</i> (Jack Snipe / Giach Bach)	SJ3453	2 records, between 21/01/2009 and 09/02/2010	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/003/01 D0062/001/01	BDi2.1, Bonn, UKBA, WBA, LBAP[CON]	3	☐
<i>Mergus serrator</i> (Red-breasted Merganser / Hwyladen Ffrangoch)	SJ3453	2 records, both on 19/01/2009	Jason Newton	1 Female; 1 Male		Site Name Withheld	Comments Withheld	D0062/001/01	BDi2.2, Bonn, UKBA, WBA, LBAP[CON]	3	☐
<i>Motacilla cinerea</i> (Grey Wagtail / Siglen Lwyd)	SJ3253	3 records, between 26/01/2009 and 27/02/2010	Jason Newton	1; 2		Site Name Withheld	Comments Withheld	D0062/003/01 D0062/001/01	Bern, RD2(UK), UKBA, LBAP[CON]	3	☐
<i>Motacilla cinerea</i> (Grey Wagtail / Siglen Lwyd)	SJ3351	08/11/2008	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01	Bern, RD2(UK), UKBA, LBAP[CON]	3	☐
<i>Motacilla cinerea</i> (Grey Wagtail / Siglen Lwyd)	SJ3353	31/05/2007	Neil Hughes	2		Site Name Withheld	Comments Withheld	D0062/001/01	Bern, RD2(UK), UKBA, LBAP[CON]	3	☐
<i>Motacilla cinerea</i> (Grey Wagtail / Siglen Lwyd)	SJ3452	2 records, between 24/12/2006 and 18/11/2008	Kevin Smith; Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01	Bern, RD2(UK), UKBA, LBAP[CON]	3	☐
<i>Motacilla cinerea</i> (Grey Wagtail / Siglen Lwyd)	SJ3453	4 records, between 08/02/2009 and 03/11/2009	Kevin Smith; Jason Newton; Hugh Linn	1; 2		Site Name Withheld	Comments Withheld	D0062/001/01	Bern, RD2(UK), UKBA, LBAP[CON]	3	☐
<i>Oenanthe oenanthe</i> (Wheatear / Timwen y Gam)	SJ3453	3 records, between 26/04/2006 and 24/03/2010	Kevin Smith; Jason Newton	2 Pair; 2; 1 Male		Site Name Withheld	Comments Withheld	D0062/001/01 D0062/003/01	Bern, UKBA, WBA, LBAP[CON]	3	☐
<i>Periparus ater</i> (Coal Tit / Tîw Penddu)	SJ3351	3 records, between 31/12/2008 and 03/02/2010	Jason Newton	1; 2		Site Name Withheld	Comments Withheld	D0062/001/01 D0062/003/01	Bern, WBA, LBAP[CON]	3	☐
<i>Periparus ater</i> (Coal Tit / Tîw Penddu)	SJ3352	3 records, between 09/03/2005 and 13/08/2009	Jason Newton; Kevin Smith	1; 1+		Site Name Withheld	Comments Withheld	D0062/001/01	Bern, WBA, LBAP[CON]	3	☐
<i>Periparus ater</i> (Coal Tit / Tîw Penddu)	SJ3353	21/01/2009	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01	Bern, WBA, LBAP[CON]	3	☐
<i>Periparus ater</i> (Coal Tit / Tîw Penddu)	SJ3452	99 records, between 21/01/2006 and 24/12/2013	Jason Newton; Kevin Smith; Patricia Ann Roberts; Norman Hallas; Roberts, PA	3; 1; 5; 2; 4		Site Name Withheld; Wrexham, Acton Park; Little Acton	Comments Withheld; BirdTrack; BirdTrack Uncommon here; Birdtrack:	D0062/001/01 D1297/002/01 D0062/003/01 D1297/005/01 D1297/012/01	Bern, WBA, LBAP[CON]	3	☐
<i>Periparus ater</i> (Coal Tit / Tîw Penddu)	SJ3453	2 records, between 26/01/2009 and 04/12/2009	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01	Bern, WBA, LBAP[CON]	3	☐
<i>Phalacrocorax aristotelis</i> (Shag / Mulltan Werdd)	SJ3453	17/11/2009	Jason Newton	1 Secondyear		Site Name Withheld	Comments Withheld	D0062/001/01	Bern, RD2(UK), UKBA, LBAP[CON, GWY]	3	☐

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V	Ex
<i>Phalacrocorax carbo</i> (Common Loon)	SJ3452	21/01/2007	Norman Hallas	1		Site Name Withheld	Comments Withheld	D0062/001/01	Bonn, UKBA, WBA, LBAP[CON, GWY]	3	Ex
<i>Phalacrocorax carbo</i> (Common Loon)	SJ3453	49 records, between 29/02/2004 and 27/12/2011	Anthony Britner; Kevin Smith; Jason Newton; Neil Hughes; Hugh Linn; Norman Hallas; Julie Rogers; Steven Davies	1+; 4; 1; 2; 1 Juvenile; 3; 5; 2+		Wrexham, Gresford Flash; Site Name Withheld	Comments Withheld; BirdTrack;	D1297/002/01 D0062/001/01 D0062/003/01 D1297/005/01	Bonn, UKBA, WBA, LBAP[CON, GWY]	1	Ex
<i>Phoenicurus phoenicurus</i> (Redstart / Tingo)	SJ3453	17/04/2006	Jason Newton	2		Site Name Withheld	Comments Withheld	D0062/001/01	Bonn, UKBA, WBA, LBAP[CON, GWY], SNP	3	Ex
<i>Phylloscopus trochilus</i> (Willow Warbler / Telor yr Helyg)	SJ3253	18/07/2009	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01	UKBA, WBR, LBAP[CON]	3	Ex
<i>Phylloscopus trochilus</i> (Willow Warbler / Telor yr Helyg)	SJ3351	3 records, between 17/04/2004 and 07/04/2011	Kevin Smith; Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01 D0062/003/01	UKBA, WBR, LBAP[CON]	3	Ex
<i>Phylloscopus trochilus</i> (Willow Warbler / Telor yr Helyg)	SJ3452	7 records, between 25/05/2005 and 17/04/2011	Kevin Smith; Jason Newton; Norman Hallas	1; 3		Site Name Withheld; Wrexham, Acton Park	Comments Withheld	D0062/001/01 D0062/003/01 D1297/002/01	UKBA, WBR, LBAP[CON]	3	Ex
<i>Phylloscopus trochilus</i> (Willow Warbler / Telor yr Helyg)	SJ3453	4 records, between 12/04/2008 and 30/03/2010	Jason Newton; Kevin Smith	1; 2		Site Name Withheld	Comments Withheld	D0062/001/01 D0062/003/01	UKBA, WBR, LBAP[CON]	3	Ex
<i>Picus viridis</i> (Green Woodpecker / Cnocell Werd)	SJ3351	03/02/2010	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/003/01	Bonn, UKBA, WBA, LBAP[CON, DEN, FLI, GWY, SNP]	3	Ex
<i>Picus viridis</i> (Green Woodpecker / Cnocell Werd)	SJ3353	3 records, between 10/07/2007 and 20/06/2009	Jason Newton; Neil Hughes	1; 4		Site Name Withheld	Comments Withheld	D0062/001/01	Bonn, UKBA, WBA, LBAP[CON, DEN, FLI, GWY, SNP]	3	Ex
<i>Picus viridis</i> (Green Woodpecker / Cnocell Werd)	SJ3452	3 records, between 16/08/2007 and 11/09/2009	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01	Bonn, UKBA, WBA, LBAP[CON, DEN, FLI, GWY, SNP]	3	Ex
<i>Picus viridis</i> (Green Woodpecker / Cnocell Werd)	SJ3453	6 records, between 11/04/2007 and 07/08/2009	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01	Bonn, UKBA, WBA, LBAP[CON, DEN, FLI, GWY, SNP]	3	Ex
<i>Regulus regulus</i> (Goldcrest / Dryw Eurban)	SJ3351	4 records, between 17/11/2008 and 02/05/2011	Jason Newton; Kevin Smith	1		Site Name Withheld	Comments Withheld	D0062/001/01 D0062/003/01	Bonn, UKBA, WBA, LBAP[CON]	3	Ex
<i>Regulus regulus</i> (Goldcrest / Dryw Eurban)	SJ3352	3 records, between 25/01/2009 and 27/02/2010	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01 D0062/003/01	Bonn, UKBA, WBA, LBAP[CON]	3	Ex
<i>Regulus regulus</i> (Goldcrest / Dryw Eurban)	SJ3353	13/05/2010	Neil Hughes	1		Site Name Withheld	Comments Withheld	D0062/003/01	Bonn, UKBA, WBA, LBAP[CON]	3	Ex
<i>Regulus regulus</i> (Goldcrest / Dryw Eurban)	SJ3452	11 records, between 12/01/2008 and 05/06/2011	Jason Newton; Kevin Smith; Norman Hallas	5; 1; 2; 3		Site Name Withheld; Wrexham, Acton Park	Comments Withheld; BirdTrack; BirdTrack Frequent here. Chasing each other in shrub.	D0062/001/01 D0062/003/01 D1297/005/01 D1297/002/01	Bonn, UKBA, WBA, LBAP[CON]	3	Ex
<i>Regulus regulus</i> (Goldcrest / Dryw Eurban)	SJ3453	2 records, between 10/11/2008 and 05/02/2010	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/003/01 D0062/001/01	Bonn, UKBA, WBA, LBAP[CON]	3	Ex
Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V	Ex
<i>Ricciocarpus natans</i> (Fringed Heartwort)	SJ3453	1833	Bowman, J.E.			Wrexham, Borrass, nr		D1075/001/03	RD1(Wales), RD2(UK), L[VC50]	3	Ex
<i>Riparia riparia</i> (Sand Martin / Gwennol y Gienydd)	SJ3453	31 records, between 21/09/2004 and 19/04/2013	Chris Pritchard; Jason Newton; Kevin Smith; Neil Hughes; Julie Rogers; Hugh Linn; Norman Hallas; Mervyn Rogers; Taylor, T B	1; 2+; 5; 1+; 40; 80+; 2; 10; 25; 55; 20+; 3; 10+; 20		Wrexham, Gresford Flash; Site Name Withheld; Gresford Flash	Comments Withheld; BirdTrack a few; BirdTrack	D1297/002/01 D0062/001/01 D1297/012/01 D1297/005/01 D0062/003/01	Bonn, UKBA, WBA, LBAP[CON, DEN, FLI, GWY]	1	Ex
<i>Rissa tridactyla</i> (Kittiwake / Geylan Goersddu)	SJ3453	03/12/2009	Jason Newton	1 Firstwinter		Site Name Withheld	Comments Withheld	D0062/001/01	Bonn, Bonn, RD2(UK), UKBA, LBAP[GWY]	3	Ex
<i>Sterna hirundo</i> (Common Tern / Môr-Wennol Gyffredin)	SJ3453	10 records, between 23/05/2004 and 29/07/2008	Kevin Smith; Norman Hallas; Jason Newton	1; 1 Adult		Site Name Withheld	Comments Withheld	D0062/001/01	BDIr1, Bonn, Bonn, UKBA, WBA, LBAP[ANG, CON, GWY]	4	Ex
<i>Sylvia borin</i> (Garden Warbler / Telor yr Ardd)	SJ3452	30/04/2008	Jason Newton	2		Site Name Withheld	Comments Withheld	D0062/001/01	WBA, LBAP[CON]	3	Ex
<i>Sylvia borin</i> (Garden Warbler / Telor yr Ardd)	SJ3453	2 records, between 27/08/2006 and 10/09/2006	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01	WBA, LBAP[CON]	3	Ex
<i>Sylvia communis</i> (Whitethroat / Llwydfron)	SJ3251	20/05/2007	Norman Hallas	1		Site Name Withheld	Comments Withheld	D0062/001/01	UKBA, WBA, LBAP[CON]	3	Ex
<i>Sylvia communis</i> (Whitethroat / Llwydfron)	SJ3452	25/06/2005	Kevin Smith	1		Site Name Withheld	Comments Withheld	D0062/001/01	UKBA, WBA, LBAP[CON]	3	Ex
<i>Sylvia communis</i> (Whitethroat / Llwydfron)	SJ3453	7 records, between 13/06/2005 and 16/05/2011	Kevin Smith; Norman Hallas	1; 1 Male		Site Name Withheld; Wrexham, Gresford Flash	Comments Withheld; BirdTrack	D0062/003/01 D0062/001/01 D1297/005/01	UKBA, WBA, LBAP[CON]	3	Ex
<i>Tadorna ferruginea</i> (Ruddy Shelduck / Hwyaeden Goch yr Eithin)	SJ3453	2 records, between 28/04/2004 and 19/05/2004	Kevin Smith; Norman Hallas	1		Site Name Withheld	Comments Withheld	D0062/001/01	BDIr1, Bonn, Bonn, RD2(UK), UKBA, WCA3	3	Ex
<i>Tadorna tadorna</i> (Shelduck / Hwyaeden yr Eithin)	SJ3452	22/05/2010	Kevin Smith	2		Site Name Withheld	Comments Withheld	D0062/003/01	Bonn, Bonn, WBA, LBAP[CON, GWY]	3	Ex
<i>Tadorna tadorna</i> (Shelduck / Hwyaeden yr Eithin)	SJ3453	11 records, between 16/04/2005 and 19/06/2013	Kevin Smith; Neil Hughes; Jason Newton; Taylor, T B; Linn, F H	2; 1; 1 Female; 2 Adult; 9		Site Name Withheld; Gresford Flash; Gresford flash	Comments Withheld; Breeding status: Recently fledged young	D0062/001/01 D1297/012/01	Bonn, Bonn, WBA, LBAP[CON, GWY]	3	Ex
<i>Tringa erythropus</i> (Spotted Redshank / Pibydd Coesgoch Mannog)	SJ3453	16/02/2009	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01	BDIr2.2, Bonn, UKBA, WBA, LBAP[CON]	3	Ex
<i>Tringa totanus</i> (Redshank / Pibydd Coesgoch)	SJ3453	6 records, between 07/01/2005 and 09/09/2009	Hugh Linn; Kevin Smith; Jason Newton	10; 6; 1; 2		Site Name Withheld	Comments Withheld	D0062/001/01	BDIr2.2, Bonn, UKBA, WBA, LBAP[ANG, CON, GWY]	3	Ex
<i>Turdus viscivorus</i> (Mistle Thrush / Brych y Coed)	SJ3351	4 records, between 06/02/2005 and 25/12/2011	Jason Newton; Kevin Smith	1; 2		Site Name Withheld	Comments Withheld	D0062/001/01 D0062/003/01	BDIr2.2, Bonn, RD2(UK), UKBA	3	Ex

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V	ES
Turdus viscivorus (Mistle Thrush / Brych y Coed)	SJ3352	3 records, between 05/02/2005 and 27/02/2010	Kevin Smith; Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01 D0062/003/01	BDv2.2, Bern, RD2(UK), UKBA	3	ES
Turdus viscivorus (Mistle Thrush / Brych y Coed)	SJ3353	13/04/2011	Neil Hughes	1		Site Name Withheld	Comments Withheld	D0062/003/01	BDv2.2, Bern, RD2(UK), UKBA	3	ES
Turdus viscivorus (Mistle Thrush / Brych y Coed)	SJ3452	15 records, between 01/05/2005 and 17/05/2011	Kevin Smith; Jason Newton; Norman Hallas	1; 4; 2; 5		Site Name Withheld: Wrexham, Acton Park	Comments Withheld: BirdTrack; BirdTrack Regular here, BirdTrack	D0062/001/01 D0062/003/01 D1297/005/01 D1297/002/01	BDv2.2, Bern, RD2(UK), UKBA	3	ES
Turdus viscivorus (Mistle Thrush / Brych y Coed)	SJ3453	2 records, between 06/11/2008 and 17/11/2009	Jason Newton	1		Site Name Withheld	Comments Withheld	D0062/001/01	BDv2.2, Bern, RD2(UK), UKBA	3	ES
Category 3 Species (LBAP Species not identified under Categories 1 & 2, Locally Important species as specified by local experts) within 1000m - 7 records											
Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V	ES
Populus nigra (Black-poplar / Poplysen Ddu)	SJ333537 (Supplied by Original Recorder)	2 records, between 08/02/2005 and 12/04/2010	Bill Devereaux	2 Female; 6 Male; 3		Wrexham		D1446/001/01	LBAPIDEN, FLI, SNP, WREJL[VCS2]	4	ES
Statutory Sites intersecting 1000m buffer	None										
Wildlife Sites intersecting 1000m buffer	Wrexham W309 Bryn Alyn & Wormswood (493m), Wrexham W310 Woodlands and Fishpond Wood (865m)										
NWWT Reserves intersecting 1000m buffer	None										
RSPB Reserves intersecting 1000m buffer	None										
RIGS intersecting 1000m buffer	Wilderness Woods (493m)										
Ancient Woodland intersecting 1000m buffer	32266: Ancient Semi Natural Woodland (493m), 28596: Ancient Semi Natural Woodland (523m), 32267: Ancient Semi Natural Woodland (642m), 32264: Ancient Semi Natural Woodland (702m), 32268: Ancient Semi Natural Woodland (768m), 28897: Ancient Semi Natural Woodland (779m), 32265: Ancient Semi Natural Woodland (855m), 32270: Ancient Semi Natural Woodland (901m), 32269: Ancient Semi Natural Woodland (925m)										
Habitats intersecting 1000m buffer (Habitat at central point shown in red)	J.3.6: Buildings (38.96% / 1,223,667 sq.m), B.4: Improved Grassland (23.91% / 751,009 sq.m), J.1.1: Arable (6.11% / 192,028 sq.m), J.1.2: Amenity Grassland (3.67% / 115,379 sq.m), A.1.1.1: Semi-natural Broad-leaved Woodland (3.15% / 93,310 sq.m), A.1.2.2: Planted Coniferous Woodland (1.67% / 52,589 sq.m), B.2.2: Semi-improved Neutral Grassland (1.42% / 44,743 sq.m), A.2.1: Dense Scrub (1.42% / 44,702 sq.m), J.1.3: Ephemeral/Short Perennial (1.35% / 42,469 sq.m), NA: Not Accessed Land (1.22% / 38,225 sq.m), L.2.2: Spoil (0.7% / 21,846 sq.m), J.4: Bare Ground (0.63% / 19,829 sq.m), C.3.1: Tall Ruderal Herb (0.66% / 17,617 sq.m), J.1.5: Gardens (0.5% / 15,805 sq.m), G.2: Running Water (0.38% / 11,917 sq.m), F.1: Swamp (0.37% / 11,473 sq.m), A.1.1.2: Planted Broad-leaved Woodland (0.27% / 8,606 sq.m), A.1.3.2: Planted Mixed Woodland (0.07% / 2,116 sq.m), G.1: Standing Water (0.05% / 1,575 sq.m), C.1.1: Bracken (0.02% / 679 sq.m)										

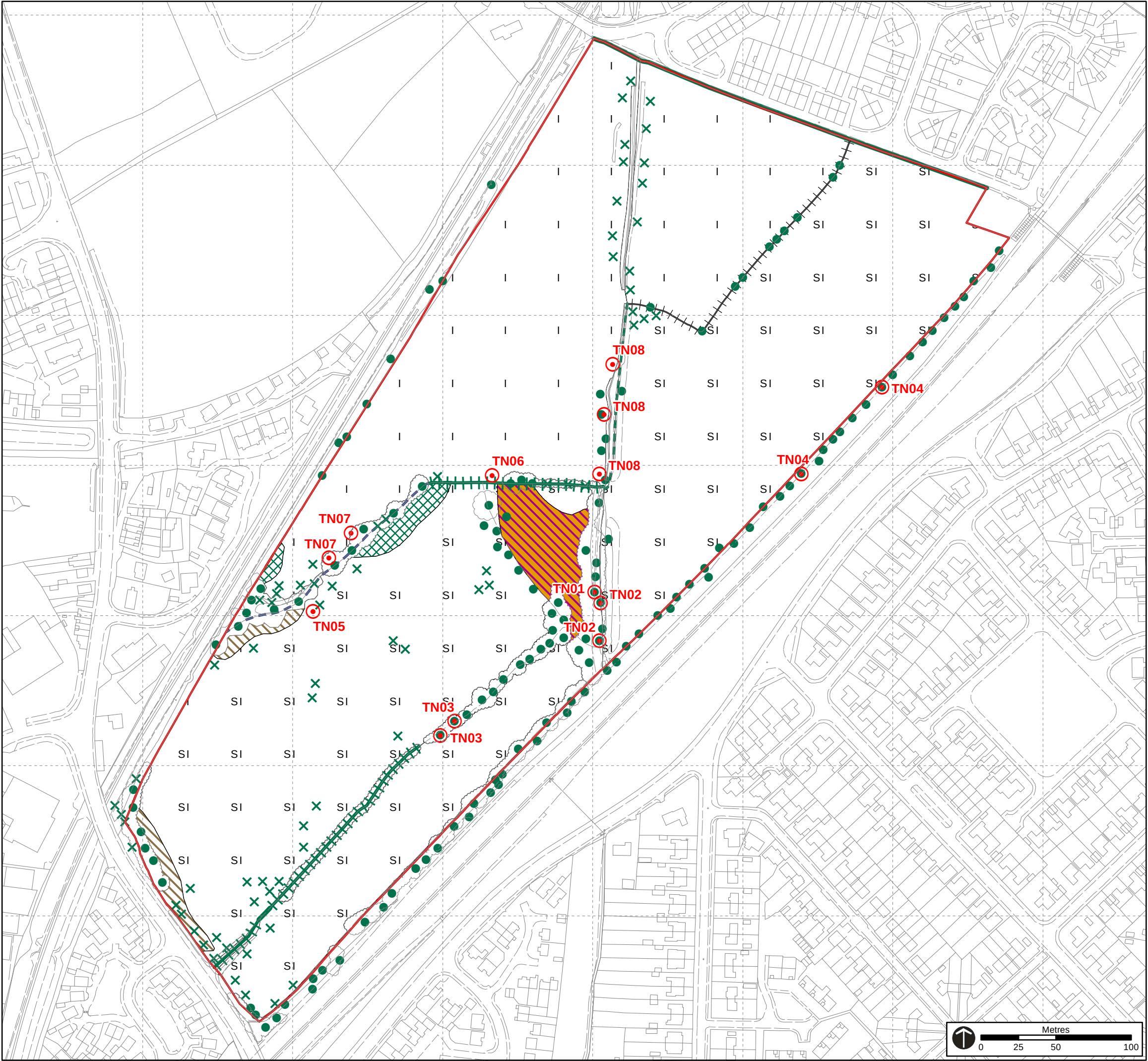
Magic Map 1km search zone for designated wildlife sites - Map



Magic Map 1km search zone for designated wildlife sites – Report:

No designated sites within area.

APPENDIX 3: Drawings

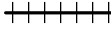
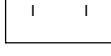
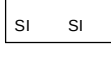


Key

Survey Boundary

 Site Boundary

Phase 1 Survey

-  Scattered scrub
-  Scattered broad-leaved trees
-  Species-poor intact hedge
-  Species-poor defunct hedge
-  Species-poor hedge and trees
-  Fence
-  Semi-dry ditch
-  Dense/continuous scrub
-  Improved grassland
-  Marsh/marshy grassland
-  Poor semi-improved grassland
-  Tall ruderal
-  Target notes

Ordnance Survey Base Map provided by Client - Libery Properties
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Project: **Rhosrobin, Wrexham**

Title: **Phase 1 Habitat Survey**

Drawing No: **G4731.002**

Scale: 1:2,500 @ A3	Date: 29/01/2016
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Drawn: GW	Checked: MN	Approved: MN
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