



Plots 1A and 1B Wrexham Industrial Estate Ecological Assessment August 2011

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**Plots 1A and 1B
Wrexham Industrial Estate
Wrexham
Ecological Assessment
Document Reference: 3041.001
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DRAWINGS

D3041.001	Bryn Lane Phase 1 Habitat Map 2011
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1.0 INTRODUCTION

- 1.1 TEP was commissioned in August 2011 by HOW Planning to carry out an ecological assessment of a proposed development site at Plot 1 on Bryn Lane, Wrexham Industrial Estate, Wrexham.
- 1.2 The proposals for Plot 1A are to construct a shed building and car park with access road (Appendix A). The first purpose for this report is to support the application for Plot 1A.
- 1.3 Development proposals have already been submitted for Plot 1B immediately to the south of Plot 1A. This ecological assessment also considers any indirect effects on Plot 1B.
- 1.4 Plots 1A and 1B are occasionally collectively referred to as Plot 1.
- 1.5 This report has the following objectives:
 - to describe the existing vegetation and give an overview of the habitats present on the site;
 - to identify whether there are any features of conservation value such as legally protected species or habitats of biodiversity importance;
 - to advise of further surveys or mitigation requirements that might be needed prior to development of the site;
 - to outline opportunities to provide biodiversity enhancement within site proposals.

2.0 SITE DESCRIPTION

- 2.1 The majority of the survey site is unmanaged, mesotrophic grassland with patches of tall ruderals. The site is surrounded with continuous areas of dense scrub and broadleaved woodland; both plantation and semi-natural. There are two ponds classified within the site boundaries (Ponds A and B) and another pond just outside the site boundary (Pond C). Pond B was dry at the time of survey.
- 2.2 The west of the site borders with Bryn Lane; with a buffer of species poor hedgerow and plantation woodland. Site boundaries on the north and the east run alongside existing access roads. Buildings within the industrial estate itself are found 150m to the east and 200m to south of the site. The approximate central grid reference is SJ390506.

2.3

Figure 1: Location of Plot 1, Bryn Lane, Wrexham industrial estate site within local landscape context

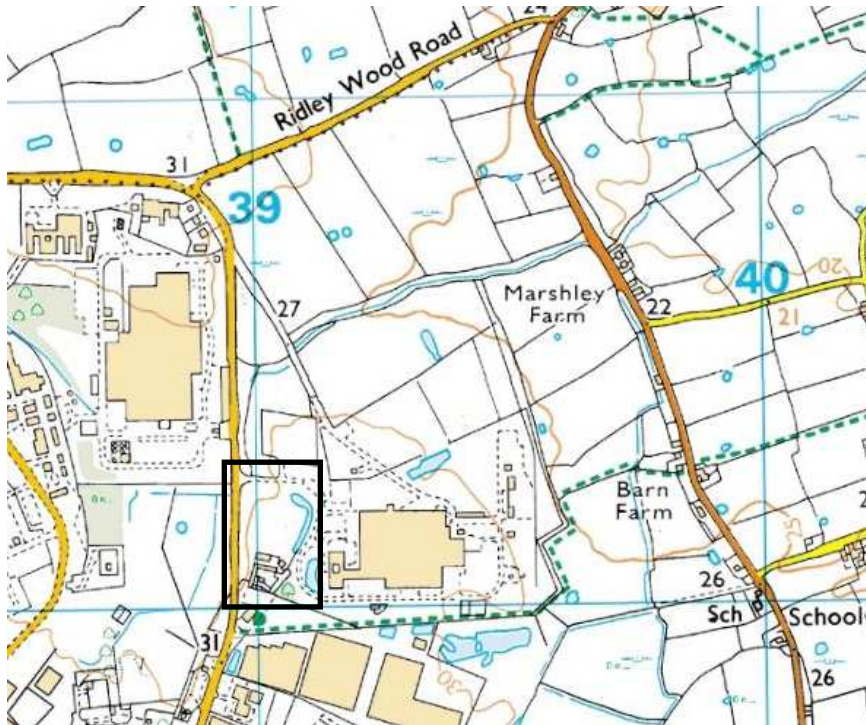
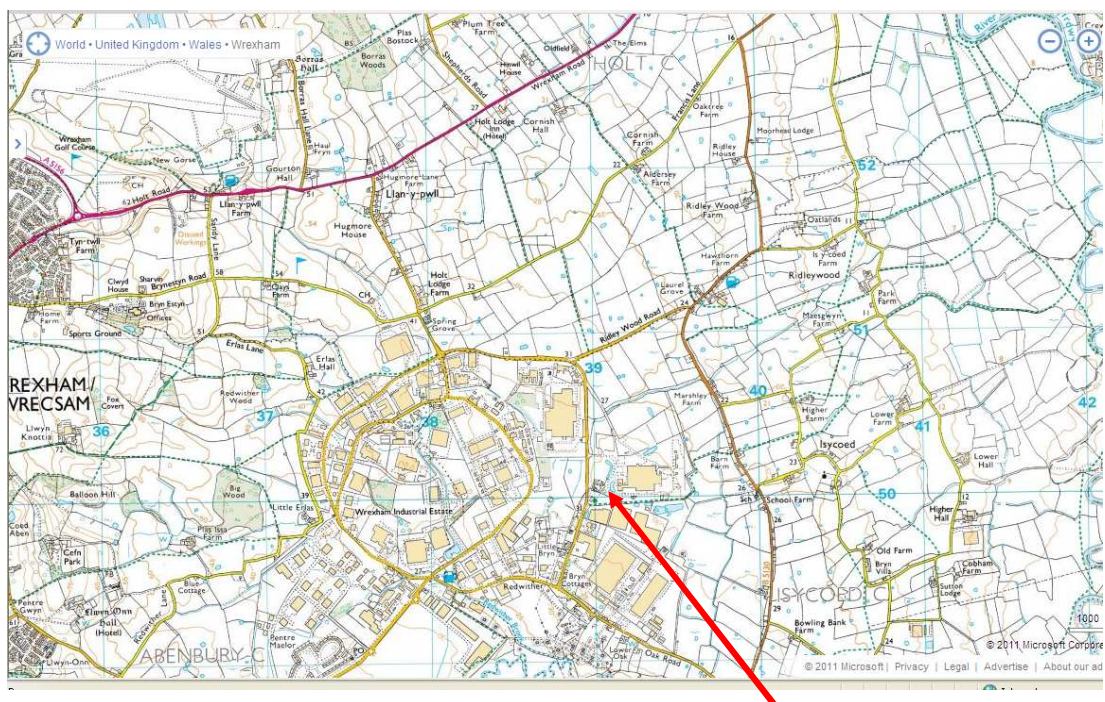


Figure 2 – Location of the site in the wider landscape context



Grid reference: SJ390506

3.0 METHODS

Desktop Study

- 3.1 Information regarding historic species records, protected sites, land allocation and relevant policies was requested/gathered from the sources listed in Table 1. Correspondence and other relevant information is presented at Appendix B.

Table 1: Ecological information and consultations

CONSULTEE/SOURCE OF INFORMATION	NATURE OF INFORMATION
Natural England –Nature on the Map	Maps showing legally protected areas/ citations of protected sites/UKBAP habitats
Magic Map	Maps showing legally protected areas/ citations of protected sites
Google Maps	Satellite imagery
National Biodiversity Network	Records for protected species
United Kingdom Biodiversity Action Plans (UKBAP)	Species/habitats with UK action plans
COFNOD	Species/habitats within Wrexham
Ecology Services	Previous ecological assessment of site
Previous Surveys	Bat survey carried out in June 2010 by Whitcher Wildlife Ltd. Wildlife consultants. Great crested newt survey carried out in June 2010 also by Whitcher Wildlife Ltd. Wildlife consultants.

Habitats and Flora

- 3.2 The habitat survey for Plot 1 (including Plots 1A and 1B) was carried out by Tim Ross MIEEM on 16th August 2011. The survey was carried out in accordance with the Phase 1 assessment methods set out in JNCC (2003) and gives an overview of key habitats and wildlife corridors and any likely sites for species of conservation concern.

Fauna

- 3.3 During the Phase 1 survey, the habitats present were assessed for their potential to support species of conservation concern, particularly statutorily protected species or BAP priority species. This included carrying out an external ground-based assessment of trees within the site to determine if they held any potential for roosting bats, noting habitats capable of supporting nesting birds and inspecting the site for evidence of badger activity. With the presence of ponds on site an assessment of habitat quality for water voles and great crested newts were determined.

Limitations

- 3.4 Both the Phase 1 habitat survey were undertaken during the optimum time frame, and in suitable weather conditions. There are therefore no significant limitations associated with this survey. It is possible however that some of the early flowering woodland flora may have been missed due to the timing of the habitat survey.

4.0 RESULTS

Desktop Study

- 4.1 There are no nationally designated sites for wildlife located within 2km of the Plot 1 site. There is a Site of Special Scientific Interest (SSSI) just outside the 2km search area; Afron Dyfrdwy (River Dee) noted for its range of habitats.
- 4.2 The Wrexham Industrial Estate - Oaks Road is a non-statutorily protected local wildlife site which includes several parcels of land in the vicinity of Plot 1. The closest part of the local wildlife site is on the west side of Bryn Lane, within 25m of Plots 1A and 1B. The site is designated for dingy skipper butterfly.
- 4.3 Dingy skipper is a UKBAP priority species. There are no desktop records for dingy skipper within the Plot 1 site.
- 4.4 Within the previous bat survey carried out by Whitcher Wildlife Ltd in June 2010, bat foraging activity was recorded for the following species; the common pipistrelle, soprano pipistrelle and Myotis species. Supporting evidence of their presence from desktop material show records of Pipistrelle, Long-eared and Myotis species within 1km of the site.
- 4.5 In June 2010 great crested newts were recorded in Pond A, Pond B and Pond C and within a fourth pond (Pond V) within 250m from the Plot 1 site (Whitcher Wildlife Ltd., 2010). Desktop results support these findings with numerous records of great crested newts found in the area within 1km from the Plot 1 site.
- 4.6 A number of records were obtained for barn owls within 2km of the Plot 1 site.
- 4.7 Desktop records show the lesser silver water beetle has been recorded within the wider area of the site. Previous visits have concluded that there is one pond located within 1km of Plot1 potentially suitable for their colonization (Marches Ecology, 2008). However this species was found to be absent from the same pond in August 2011 (Tynan, *pers. comm.*, Aug 2011)
- 4.8 Desktop searches in the local area show records for badger within 1km of the site.
- 4.9 There were no findings supporting the existence of water vole populations within the Plot 1 or within 2km of the site.

- 4.10 Adder and grass snake have been shown to be present within 2km of the site (NBN Gateway – Appendix B). A 2009 record for adder and slowworm were recorded 1.5km to the southwest of the Plot 1 site.
- 4.11 No other recent records of protected species were obtained within 1km of the site.

Habitat Survey

- 4.12 Detailed findings of the habitat survey are presented in Appendix B. A habitat map of the site is presented in Drawing D3041.001. The site consists of broad-leaved woodland plantation, semi-natural woodland, continuous/scattered scrub, tall ruderal herbs, and mesotrophic grassland. The site also contains three ponds along the northern boundary; one of which was dry at the time of survey. It is also bordered by species poor hedgerow and broad-leaved woodland plantation to the west, paralleling Bryn Lane. To the north, east and west lies a border of both broad-leaved woodland plantation and scrub sections that backs onto the site entrance road to the industrial estate.
- 4.13 A hardstanding section lies to the south eastern quarter of the site, surrounded by tall ruderals and scrub.
- 4.14 The intact hedgerow that runs along part of the west boundary of the site is species poor, but does qualify as UKBAP habitat due to the potential for nesting birds.
- 4.15 The ponds on site (Pond A and Pond B) qualify for both UKBAP and LBAP recognition since both ponds have been recorded as containing UKBAP great crested newts in June 2010.
- 4.16 Water fern, an invasive plant species, was found covering the surface of the water in Pond C. Water fern is a species listed under Schedule 9 of the *Wildlife and Countryside Act 1981, as amended*, in England and Wales and it is an offence to allow it to spread onto neighbouring land.

Assessment for Species of Conservation Concern

Amphibians

- 4.17 In previous surveys undertaken in June 2010 three ponds were found to support great crested newts (GCN) either within the Plot 1A site or close to it (Ponds A, B and C). Pond B was dry during the 2011 Phase 1 Habitat survey and therefore it's potential for GCN breeding is considered to be low.
- 4.18 No breeding of GCN was confirmed within these three ponds (Ponds A, B and C). The peak number of GCN combined across the three ponds was 9; this is considered to be a small population. The proposed development will not directly affect any pond on or around the site; however terrestrial habitat in the form of mesotrophic grassland will be affected. This area of mesotrophic grassland has value as foraging habitat but limited value for sheltering purposes.

4.19 Pond V was the only other pond less than 250m from the centre of the site that was found to contain a peak count of 2 great crested newts. Six other ponds within land associated with Wrexham Industrial Estate were found to support small numbers of great crested newts.

4.20 Common toads, a UKBAP species, were also found on site within Ponds B and C.

4.21

Bats

4.22 No potential for roosting bats was found during the ground assessment of the trees on the Plot 1 site, on account of tree size and lack of suitable features such as cracks and crevices. There are no buildings within the Plot 1 site boundaries and therefore no roosting habitat. The security office is the nearest building, adjacent to the north of the site, and has very low bat potential. The proposed development will not affect the security office itself.

4.23 Two bat activity surveys were undertaken in June 2010, these confirmed the presence of the common pipistrelle, soprano pipistrelle and Myotis species. Throughout the survey these species were regularly seen foraging across the wider countryside within 1km of the Plot 1.

Badgers

4.24 The site lacked evidence of badger activity and provided no indication of badger's regular use of the area; no latrines, footprints or badger hairs were found. No badger setts were found within the site or the adjacent area. Therefore there are no implications on the development regarding badgers.

Water voles

4.25 Through surveying the site no evidence was found to indicate any of the three ponds on site were occupied by water voles. Since development will not be directly affecting the ponds there are no implications for the development regarding water voles.

Birds

4.26 A number of birds were heard/seen while surveying the Plot 1 site. These included wren, great tit, swallow, dunnock, house martin, great spotted woodpecker and sparrowhawk. A juvenile sparrowhawk was heard and thought to within a nest on the western boundary of the site or in close proximity. Moorhen were confirmed to be nesting on Pond C just outside the Plot 1A site boundary.

4.27 Swallow and housemartin are both amber-listed Birds of Conservation Concern (BoCC) and swallow is also a Wrexham Biodiversity Action Plan (LBAP) species. However neither of these species nest on the Plot 1 site itself and will only be using the site for foraging.

4.28 None of the trees on site were thought to play host to nesting barn owls.

Invertebrates

- 4.29 The ponds on site, that contained water, were netted and only common and widespread species were found. These species included; great pond snail (*Lymnaea stagnalis*), waterlouse (*Asellus aquaticus*), crangonyx (*Crangonyx pseudo*), wandering snail (*Lymnaea peregra*) and lesser water boatman (*Corixa punctata*).
- 4.30 The meadow brown butterfly was also found within the mesotrophic grassland on site. No protected species or UKBAP priority species, such as dingy skipper were found during the Phase 1 Habitat survey. Neither was the dingy skipper's food plant, bird's-foot trefoil found within the Plot 1 site.

Reptiles

- 4.31 No reptiles were seen in field survey. The habitat on site provides some foraging and sheltering potential. However the site is to some extent isolated from the wider locality by existing roads and Wrexham industrial estate.

5.0 CONCLUSIONS & IMPLICATIONS

- 5.1 There are no protected sites designated for wildlife within 1km of this site.
- 5.2 The Wrexham Industrial Estate - Oaks Road is a non-statutorily protected local wildlife site designated for dingy skipper butterfly, which includes several parcels of land in the vicinity of Plot 1.
- 5.3 The closest part of the local wildlife site is on the west side of Bryn Lane, within 25m of Plots 1A and 1B. However there are no desktop records for dingy skipper for Plot 1A or Plot 1B and the unmanaged grassland within these areas lacked the butterfly's foodplant bird's-foot trefoil. Therefore development proposals for Plots 1A and 1B will have no adverse affect on dingy skipper or the Wrexham Industrial Estate - Oaks Road local wildlife site.
- 5.4 There are two UKBAP habitats present within this site; the hedgerow along the western edge of the site and the ponds along the northern side. These habitats support a range of species, some of which are protected themselves, i.e. wild birds and great crested newt and the UKBAP species common toad.
- 5.5 No protected plant species were recorded during the 2011 habitat survey.
- 5.6 A small population of great crested newts is known to be present in three ponds on site or in the close vicinity (Ponds A, B and C). Consequently a mitigation strategy will be required to identify how great crested newts will be safeguarded during the proposed development and a great crested newt development licence will also be required to develop both Plots 1A and 1B. A development licence from Natural England can only be obtained when planning permission is granted, this licence process typically takes 6-8 weeks.
- 5.7 Great crested newts will need to be excluded from each plot prior to site clearance using temporary amphibian fencing. It is likely a trapping scheme will be required over a period of 30 days due to the small size of the population.

- 5.8 There are no buildings within Plot 1 and the trees within Plot 1 lack the necessary cracks and crevices required for bat roosting. Therefore there is no bat roosting potential within Plot 1A or Plot 1B. The woodland and scrub area however, will provide good foraging habitat for a range of common bat species.
- 5.9 As no evidence of badgers was found at this site, there are no implications for development of Plot 1A or Plot 1B regarding badgers.
- 5.10 There was no evidence of water voles within any of the three ponds on site (Plot 1A); one of which was dry at the time of survey and all had overgrown vegetation. It is therefore highly unlikely water voles are present on site due to low habitat suitability. There are therefore no implications for the development of this site in regard to water voles.
- 5.11 The sections of broad-leaved plantation, semi-natural woodland and scrub, will all provide suitable nesting and foraging habitat for birds (Plots 1A and 1B). All nesting birds are protected under the *Wildlife and Countryside Act 1981* (as amended). There is no provision under the licensing system for disturbance/destruction of nests to facilitate development, so there may be nesting bird implications for site clearance works.
- 5.12 Plot 1 only contains very limited foraging potential for barn owl, and the site does not contain any suitable barn owl nesting locations. There are therefore no implications for the development of this site in regard to barn owl.
- 5.13 Records of Adder and grass snake were recorded from desktop searches within 1km of the Plot 1 site, however no reptiles were found during the Phase 1 Habitat survey. All reptiles are protected under Schedule 5 of the *Wildlife and Countryside Act 1981, as amended*.
- 5.14 There are no other implications for protected/conservation priority species at this site (Plots 1A and 1B).
- 5.15 There are no implications for development of this site in regards to invasive plant species (Plots 1A and 1B).

6.0 RECOMMENDATIONS

- 6.1 It is recommended that woodland on the perimeter of Plot 1A and Plot 1B is retained where development priorities allow since it is used by a range of wildlife species including nesting birds, foraging bats and potentially sheltering amphibians including great crested newt and common toad.
- 6.2 If trees, scrub, hedgerow, are to be removed, or vegetation strimmed, this work should be done outside of the bird breeding season (March to August inclusive) to ensure that no active bird nests are destroyed/disturbed.
- 6.3 The proposed works provide an opportunity for habitat advancement schemes within plot 1A; specifically with improvements to the quality of the ponds on site. Pond A requires the partial removal of the extensive plant species *Typha* sp., this will increase the area of open water. Pond B, which was dry at the

time of survey, has had records of Great crested newts in the past and therefore requires excavation to increase its depth to enable it to hold water again, before the Great crested newt breeding season. Finally Pond C, although officially off site, would benefit from the removal the invasive aquatic plant species water fern (*Azolla filiculoides*) which is currently listed under Schedule 9 of the *Wildlife and Countryside Act 1981, as amended* in England and Wales and therefore it is illegal to allow it to spread.

- 6.4 Although the site is slightly isolated and therefore reptile presence is unlikely, a walkover with hand search immediately prior to the site clearance is recommended, in order to confirm no reptile presence before works begin.
- 6.5 Finally, it is recommended that some areas of retained grassland within Plots 1A and 1B are retained and managed as wildflower grassland. These areas should be planted with bird's-foot trefoil seed to encourage the colonization of the UKBAP priority species dingy skipper butterfly.

7.0 REFERENCES & FURTHER READING

ANON (1994) *Biodiversity – The UK Action Plan*, London HMSO

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

Joint Nature Conservation Committee (1999) '*Bat workers manual*' (eds: Mitchell-Jones, A. J. & McLeish, A. P.) JNCC, Peterborough

Joint Nature Conservation Committee (2003) *Phase 1 Habitat Survey*. JNCC. Peterborough

Office of the Deputy Prime Minister (2005) '*Planning Policy Statement 9: Geological and Biological Conservation*' HMSO, Norwich

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

Stace, C. A. (1997) *Flora of the British Isles, 2nd ed.* Cambridge University Press

Tucker GM & Heath MF (1994) *Birds in Europe: Their Conservation Status*, Birdlife International, Cambridge

APPENDIX A:
Development proposals for Plot 1A and Plot 1B

NOTES:

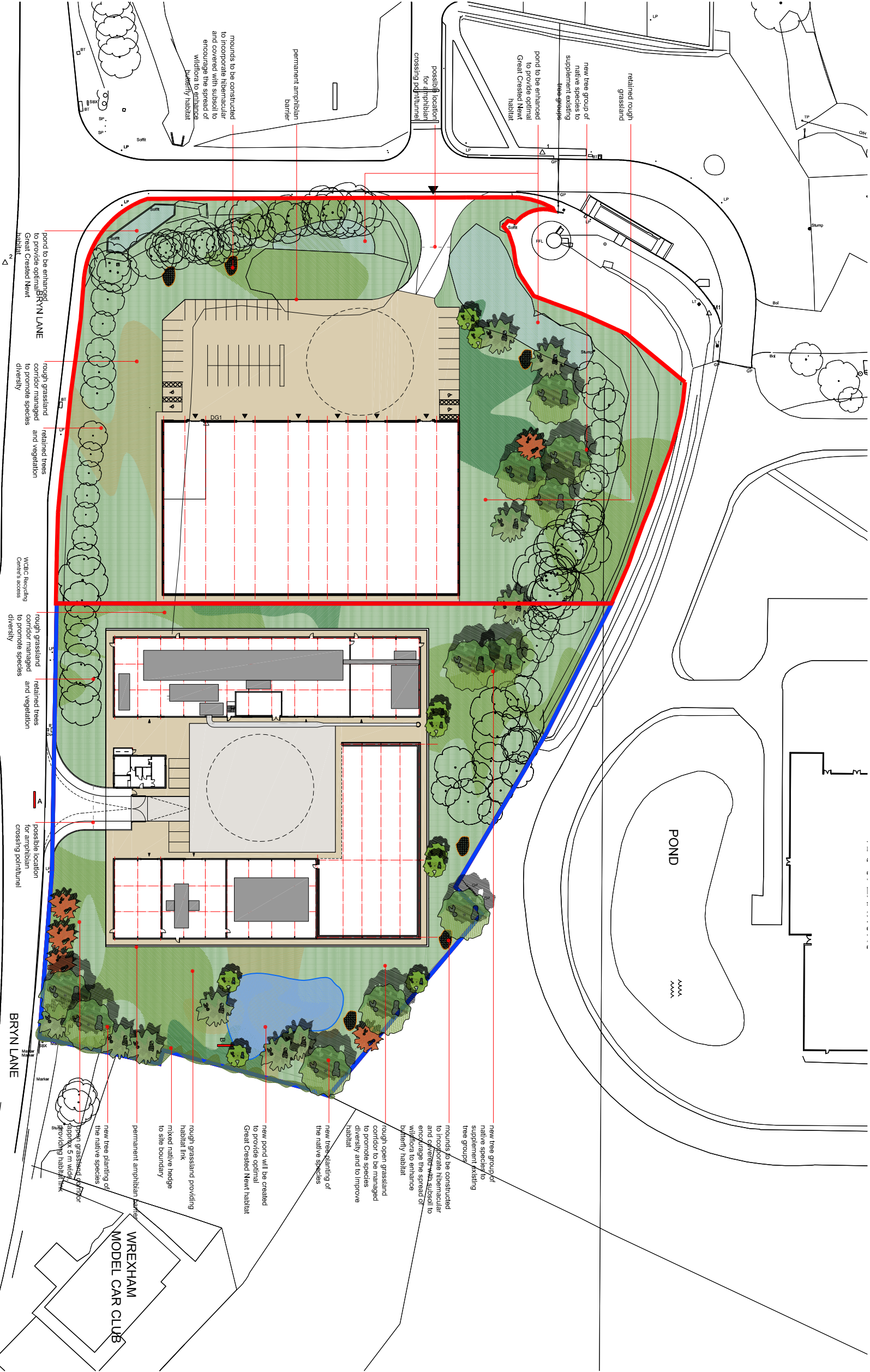
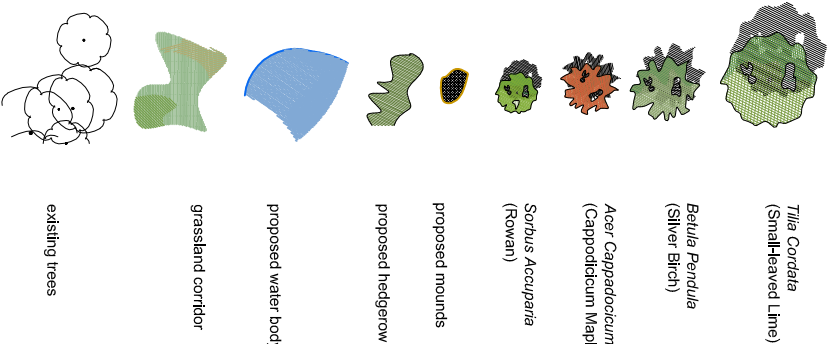
Red edge is an estimate, based on title plans for Gardenbreeze, which vary in scale and content from this drawing.

ASGA is not to be held responsible for any discrepancies between this drawing and actual site boundaries.

Red line denotes the extent of planting application

Drawing to be read in conjunction with Landscape and Ecological Management Framework report prepared by HOW

LEGEND:



Plot 1A Kingmoor Park

Plot 1B GreenPlan Energy

indicative landscaping plan - site wide strategy

FOR COMMENT

antonio garcia architecture		BRYN LANE PLOT 1A OFFICE UNIT	
PROGRESSIVE ARCHITECTURE		DRAWING TITLE: INDICATIVE LANDSCAPING PLAN	
TEL: 0151 708 5159 www.antonio-garcia.co.uk	5th Fl, 7 Hawthorn House 42 Hope Street L1 8BN	SCALE: 1:10000 A3 DATE: 26/07/2011 COMPUTER DRAWING REF: PROJECT No. L156/89	DRAWN BY: J.L. CHECKED BY: AG DRAWING No. 901

DO NOT SCALE THIS DRAWING. VERIFY ALL DIMENSIONS ON SITE. ANY DISCREPANCIES TO BE REPORTED TO ANTONIO GARCIA ARCHITECTURE.

APPENDIX B: Desktop Information

Pond surveys 2010 (undertaken by Whitcher Wildlife Ltd., 2010)

Of the 15 ponds surveyed on the Wrexham Industrial Estate land, 10 were found to contain great crested newt adults. None of the ponds however showed signs of larvae or eggs, therefore providing no confirmation of breeding. Pond A, B and C are within the site boundaries, these were all found to contain GCN adults with the use of bottle and torch survey methods. Pond V was the only other pond less than 250m from the centre of the site that was found to contain great crested newts. Common toad, a UKBAP species, was confirmed in ponds Pond B, Pond C, Pond P and Pond X, however only Pond B and Pond C are within the 250m radius from the Plot 1 site.

Smooth newt adults were recorded within all ponds found to contain great crested newts, with an extra addition of Pond K. Common frog eggs only were recorded at ponds Pond R. The UKBAP species common toad was also recorded at Ponds B and C, associated with the Plot 1 site.

Presence/absence of amphibians 2010

Pond	GCN	SN	PN	T	F	Fish	Identifying Method
Pond A	1M	2F, 1M					Bottle and torch
Pond B	2F, 3M	4F, 6M		✓			Bottle and torch
Pond C	2F, 10M	16F, 11M		✓			Bottle and torch
Pond D							
Pond E						✓	Torch
Pond F						✓	Torch
Pond H	2M	17F, 27M					Bottle and torch
Pond I	5F, 3M	8F, 2M					Bottle
Pond J	15F, 33M	24F, 29M					Bottle and torch
Pond K		4F, 19M					Bottle
Pond M	4F, 8M	7F, 12M					Bottle
Pond P	13F, 6M	12F, 9M		✓			Bottle and torch
Pond R	28F, 34M	7F, 1M			✓		Bottle and torch
Pond V	1F, 1M	2F, 4M					Bottle and torch
Pond X				✓			Torch
Total no. waterbodies	70F, 101M	103F, 121M	0	4	1	0	

Key: GCN = great crested newt; SN = smooth newt; PN = palmate newt; T = toad; F = frog



Please read **Important Issues** and **Notes** before interpreting the following information.

Our Ref.	Client Name	Date Run	Your Ref.
E02363	TEP	23/08/2011	Job number 3041

Site Name	Grid Reference
Wrexham industrial estate	SJ390506

Category 1 Species (Species with European and/or UK Legal Protection, Section 42 [NERC] Species or UK BAP Priority Species) within 2000m - 289 records										
Taxon Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ39165074	17/06/1992	Anon - Herpetofauna Consultants International	P		Cheetham Owens Fibreglass		D1125/001/03 (1857614)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Mustela putorius (Polecat/Ffwlbart)	SJ388508	24/03/2004	John Smith		Road Casualty	Wrexham	Damaged. Probable female on weight evidence.	D1200/001/01 (1105299)	HDir, S42, UKBAP, LBAP[CON, FLI, GWY, SNP]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ389503	6 records, between 27/04/2005 and 04/06/2005	Janet Wilkinson			OTH:SA:117:2005		D1317/001/01	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ39375052	24/06/1992	Anon - Herpetofauna Consultants International	P		Cheetham Owens Fibreglass		D1125/001/03 (1857689)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ39385050	24/06/1992	Anon - Herpetofauna Consultants International	P		Wrexham Industrial Estate		D1125/001/03 (1857687)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ3919250294	Before 01/04/2007	Anon			Wrexham Industrial Estate		D1125/001/03 (1857958)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ3898850245	Before 01/04/2007	Derek Whitcher	Max Count 1 2005		Wrexham Industrial Estate		D1125/001/03 (1857955)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ38735091	18/06/1993	Anon - Herpetofauna Consultants International	P		near Wrexham Industrial Estate		D1125/001/03 (1857643)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ3903250230	Before 01/04/2007	Derek Whitcher	Max Count 2 GCN (05)		Wrexham Industrial Estate		D1125/001/03 (1857954)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ3910250227	Before 01/04/2007	Derek Whitcher	Max Count 1 GCN (Terrestrial)		Wrexham Industrial Estate		D1125/001/03 (1857956)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ3920050242	Before 01/04/2007	Derek Whitcher	6 GCN (05)		Wrexham Industrial Estate		D1125/001/03 (1857957)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Chiasmia clathrata (Latticed Heath/Seffyr Delltog)	SJ392502	11/06/1999	J.B. Formstone	2 Adult	Netted	Owens Corning Factory	Substrate:Scrub.	D1285/001/01 (3067933)	S42, UKBAP, LBAP[GWY]	3
Diloba caeruleocephala (Figure of Eight/Crwbach Ffigwr Wyth)	SJ392502	11/05/1999	J.B. Formstone	1 Larval	Daytime observation	Owens Corning Factory	Substrate:Scrub.	D1285/001/01 (3045820)	S42, UKBAP	3
Scotopteryx chenopodiata (Shaded Broad-bar/Rhesen Lydan Dywyll)	SJ392502	13/07/1999	J.B. Formstone	3 Adult	Netted	Owens Corning Factory	Substrate:Scrub.	D1285/001/01 (3053434)	S42, UKBAP, LBAP[GWY]	3
Tyria jacobaeae (Cinnabar/Teigr y Benfelen)	SJ392502	16/06/1999	J.B. Formstone	2 Adult	Netted	Owens Corning Factory	Substrate:Scrub.	D1285/001/01 (3048810)	S42, UKBAP, LBAP[GWY]	3
Bufo bufo (Common Toad/Llyffant Dafadennog)	SJ39345027	24/06/1992	Anon - Herpetofauna Consultants International					D1122/002/01 (1271327)	S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, GWY]	3

Taxon Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ39345027	24/06/1992	Anon - Herpetofauna Consultants International	P		Cheetham Owens Fibreglass		D1125/001/03 (1857688)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Pyrgus malvae (Grizzled Skipper/Gwibiwr Brith)	SJ38875020 (Selected from Interactive Map)	07/05/2009	Graham Berry	1 Adult Male	Live Sighting	Bryn Lane Recycling Centre	Observed with Bryan Formstone, Lep. recorder.	D1117/001/01 (2850949)	S42, UKBAP, LBAP[DEN, FLI]	4
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ389501	9 records, between 19/04/2007 and 22/05/2007	Tom Knight			OTH:SA:140:2006		D1317/001/01	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ3886150171	Before 01/04/2007	Derek Whitcher	10 GCN (2005)		Wrexham Industrial Estate		D1125/001/03 (1857953)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ3947350326	Before 01/04/2007	Derek Whitcher	3 GCN (05)		Wrexham Industrial Estate		D1125/001/03 (1857959)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ388501 (Selected from Interactive Map)	11/05/2009 - 19/06/2009	Rhian Hughes	14 Maximum Count	Live sighting	Bryn Lane Recycling Centre	Tourch light survey.	D1117/001/01 (2099500)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	1
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ388501	2 records, on 11/04/2007 and 21/11/2007	Stella Shackel; Tom Knight			OTH:SA:341:2006; OTH:SA:140:2006		D1317/001/01	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ3911650079	Before 01/04/2007	Derek Whitcher	I GCN 05 (Terr Record)		Wrexham Industrial Estate		D1125/001/03 (1857962)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Locustella naevia (Common Grasshopper Warbler/Troellwr Bach)	SJ387501 (Selected from Interactive Map)	26/04/2011	Graham Berry	1 Adult	Auditory record	Bryn Lane Recycling Centre		D1117/001/01 (2937907)	S42, UKBAP, WBR[RSPB], LBAP[CON, DEN, FLI, GWY]	4
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ3957450364	Before 01/04/2007	Derek Whitcher	6 GCN (05)		Wrexham Industrial Estate		D1125/001/03 (1857960)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Lissotriton vulgaris (Smooth Newt/Madfall Ddwr Gyffredin)	SJ39525025	24/06/1992	Anon - Herpetofauna Consultants International					D1122/002/01 (1271330)	WCA5, LBAP[CON, DEN, FLI]	3
Rana temporaria (Common Frog/Llyffant Melyn)	SJ39525025	24/06/1992	Anon - Herpetofauna Consultants International					D1122/002/01 (1271331)	HDir, WCA5, LBAP[ANG, CON, FLI]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ39525025	24/06/1992	Anon - Herpetofauna Consultants International			Wrexham Industrial Estate	Report identifies this as a probable record, supplied by local person.	D1125/001/03 (1857693)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Ecliptopera silaceata (Small Phoenix/Ffenics Bach)	SJ386501	2 records, both on 07/05/2009	J B Formstone	1 Adult, 1 Adult	Daytime observation	Wrexham Recycling Centre	Substrate:Built-up areas: industrial	D1285/001/01	S42, UKBAP, LBAP[GWY]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ3957950187	Before 01/04/2007	Derek Whitcher	13 GCN (05)		Wrexham Industrial Estate		D1125/001/03 (1857961)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ3925249954	Before 01/04/2007	Derek Whitcher	1 GCN (05)		Wrexham Industrial Estate	Terrestrial record.	D1125/001/03 (1857969)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ388499	5 records, between 11/04/2007 and 22/05/2007	Tom Knight			OTH:SA:140:2006		D1317/001/01	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ3932649952	Before 01/04/2007	Derek Whitcher	9 GCN (05)		Wrexham Industrial Estate	Terrestrial record.	D1125/001/03 (1857970)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3

Taxon Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ38934990	17/06/1992	Anon - Herpetofauna Consultants International			Adult Training Centre	Report identifies this as a probable record, supplied by local person.	D1125/001/03 (1857617)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ385500	14 records, between 03/05/2007 and 22/05/2007	Tom Knight			OTH:SA:140:2006		D1317/001/01	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ39404992	17/06/1992	Anon - Herpetofauna Consultants International	P		Williams Distribution		D1125/001/03 (1857616)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Lissotriton vulgaris (Smooth Newt/Madfall Ddwr Gyffredin)	SJ39064980	11/06/1992	Anon - Herpetofauna Consultants International					D1122/002/01 (1271277)	WCA5, LBAP[CON, DEN, FLI]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ39035149	10/07/2002	Wrexham/JG&AH	1M		Francis Lane Fields Farm, Pond No. 26, 2002		D1125/001/03 (1857484)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ39064980	11/06/1992	Anon - Herpetofauna Consultants International	P		Adult Training Centre		D1125/001/03 (1857490)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ38545141	15/06/1993	Anon - Herpetofauna Consultants International	P		near Honeysuckle Cottage		D1125/001/03 (1857581)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ3839651317	02/07/2002	Wrexham/JG&AH			Cornish Hall, Holt, Pond No. 8, 2002		D1125/001/03 (1857306)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ388496	3 records, all on 04/04/2005	Ben Milner			OTH:SA:32:2005		D1317/001/01	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ3972949880	Before 01/04/2007	Derek Whitcher	8 GCN (05)		School Farm		D1125/001/03 (1857968)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ39484970	17/06/1992	Anon - Herpetofauna Consultants International	P		near Wrexham Industrial Estate		D1125/001/03 (1857608)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ38515155	15/06/1993	Anon - Herpetofauna Consultants International	P		near Cornish Farm		D1125/001/03 (1857580)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Coenonympha pamphilus (Small Heath/Gweirlöyn Bach y Waun)	SJ380502	2 records, on 22/05/2004 and 25/05/2004	Rob W Whitehead	2, 2	Field record / observation	Wrexham Ind Estate - Norish FP Ltd	Substrate:Unknown	D1373/001/02	S42, UKBAP, LBAP[GWY]	3
Erynnis tages (Dingy Skipper/Gwibiwr Llwyd)	SJ380502	2 records, on 22/05/2004 and 25/05/2004	Rob W Whitehead	4, 4	Field record / observation	Wrexham Ind Estate - Norish FP Ltd	Substrate:Unknown	D1373/001/02	S42, UKBAP, LBAP[CON, FLI, GWY]	3
Pyrgus malvae (Grizzled Skipper/Gwibiwr Brith)	SJ380502	2 records, on 22/05/2004 and 25/05/2004	Rob W Whitehead	1, 2	Field record / observation	Wrexham Ind Estate - Norish FP Ltd	Substrate:Unknown	D1373/001/02	S42, UKBAP, LBAP[DEN, FLI]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ38915175	02/07/2002	Wrexham/JG/AH)			Cornish Hall, Holt, Pond No.7, 2002		D1125/001/03 (1857304)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Arvicola terrestris (European Water Vole/Llygoden Bengron y Dwr)	SJ385516	01/11/2001	Anon At B.A.S.C.	Present		Flintshire		D0969/001/01 (821980)	S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	1
Lepus europaeus (Brown Hare/Ysgyfarnog)	SJ385516	01/11/2001	Anon At B.A.S.C.	Present		Flintshire		D0969/001/01 (825177)	S42, UKBAP, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	1

Taxon Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V
Myotis mystacinus <i>(Whiskered Bat/Ystlum Barfog)</i>	SJ3849 <i>(Estimated from Map)</i>	28/09/1999	Anon	1		Site Name Withheld		D1049/001/02 <i>(683472)</i>	Bern, Bonn, EPS, HDir, WCA5, LBAP[DEN, FLI, GWY]	3
Triturus cristatus <i>(Great Crested Newt/Madfall Ddwr Gribog)</i>	SJ39255175	03/07/2002	Wrexham/JG&AH	25 larvae		Aldersey Farm, Holt, Pond No. 16, 2002		D1125/001/03 <i>(1857339)</i>	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Lutra lutra <i>(European Otter/Dyfrgi)</i>	SJ4050	2 records, on 01/05/1945 and 01/05/1946	C.C.W. Record		Singular; Shot	Site Name Withheld		D1118/006/01	Bern, CITES, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNP, WRE]	1
Triturus cristatus <i>(Great Crested Newt/Madfall Ddwr Gribog)</i>	SJ39584958	17/06/1992	Anon - Herpetofauna Consultants International	P		Cae Farm		D1125/001/03 <i>(1857612)</i>	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Ecliptopera silaceata <i>(Small Phoenix/Ffenics Bach)</i>	SJ385495	2 records, both in 1972	Mold NCC files, Z.D. Zamojski; Name Withheld	Present	Field Observation	Wrexham Industrial Estate		D0217/001/01 D1063/001/01	S42, UKBAP, LBAP[GWY]	3
Hemistola chrysoprasaria <i>(Small Emerald/Emrallt Barf yr Hen Wr)</i>	SJ385495	2 records, both in 1972	Name Withheld; Mold NCC files, Z.D. Zamojski	Present	Field Observation	Wrexham Industrial Estate		D1063/001/01 D0217/001/01	S42, UKBAP, LBAP[GWY]	3
Watsonalla binaria <i>(Oak Hook-tip/Bachadain y Deri)</i>	SJ385495	2 records, both in 1972	Mold NCC files, Z.D. Zamojski; Name Withheld	Present	Field Observation	Wrexham Industrial Estate		D0217/001/01 D1063/001/01	S42, UKBAP, LBAP[GWY]	3
Triturus cristatus <i>(Great Crested Newt/Madfall Ddwr Gribog)</i>	SJ39924980	17/06/1992	Anon - Herpetofauna Consultants International	P		Barn Farm		D1125/001/03 <i>(1857609)</i>	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus <i>(Great Crested Newt/Madfall Ddwr Gribog)</i>	SJ379500 <i>(Estimated Centroid of Site Name))</i>	May 2004	Raymond Gemmell	+ Adult; + Juvenile; + Egg		Wrexham Industrial Estate	Bottle trap, torch survey and egg search.	D1310/001/01 <i>(2701533)</i>	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	1
Triturus cristatus <i>(Great Crested Newt/Madfall Ddwr Gribog)</i>	SJ39034939	11/06/1992	Anon - Herpetofauna Consultants International			BICC Cables	Report identifies this as a probable record, supplied by local person.	D1125/001/03 <i>(1857495)</i>	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus <i>(Great Crested Newt/Madfall Ddwr Gribog)</i>	SJ38825191	16/06/1993	Anon - Herpetofauna Consultants International	P		Cornish Hall Farm		D1125/001/03 <i>(1857601)</i>	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus <i>(Great Crested Newt/Madfall Ddwr Gribog)</i>	SJ390493	3 records, all on 01/05/2004	Raymond Paul Gemmell			OTH:SA:83:2004		D1317/001/01	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Lissotriton vulgaris <i>(Smooth Newt/Madfall Ddwr Gyffredin)</i>	SJ391493 <i>(Supplied by Original Recorder (Checked))</i>	06/03/1999	Jacinta Challinor	+		Wrexham Industrial Estate	Torch survey of 2+ ponds.	D0269/029/01 <i>(2697868)</i>	WCA5, LBAP[CON, DEN, FLI]	1
Triturus cristatus <i>(Great Crested Newt/Madfall Ddwr Gribog)</i>	SJ391493 <i>(Supplied by Original Recorder (Checked))</i>	06/03/1999	Jacinta Challinor	2 Male; 2 Female		Wrexham Industrial Estate	Torch survey of 2+ ponds.	D0269/029/01 <i>(2701908)</i>	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	1
Lissotriton vulgaris <i>(Smooth Newt/Madfall Ddwr Gyffredin)</i>	SJ39094934	11/06/1992	Anon - Herpetofauna Consultants International					D1122/002/01 <i>(1271278)</i>	WCA5, LBAP[CON, DEN, FLI]	3
Triturus cristatus <i>(Great Crested Newt/Madfall Ddwr Gribog)</i>	SJ39094934	11/06/1992	Anon - Herpetofauna Consultants International	P		BICC Cables		D1125/001/03 <i>(1857492)</i>	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Coenonympha pamphilus <i>(Small Heath/Gweirföyn Bach y Waun)</i>	SJ388493	19/05/2004	Rob W Whitehead	4	Field record / observation	Wrexham Ind Estate - S of Bryn Lane	Substrate:Unknown.	D1373/001/02 <i>(3101073)</i>	S42, UKBAP, LBAP[GWY]	3
Erynnis tages <i>(Dingy Skipper/Gwibiwr Llwyd)</i>	SJ388493	19/05/2004	Rob W Whitehead	4	Field record / observation	Wrexham Ind Estate - S of Bryn Lane	Substrate:Unknown.	D1373/001/02 <i>(3087119)</i>	S42, UKBAP, LBAP[CON, FLI, GWY]	3
Pyrgus malvae <i>(Grizzled Skipper/Gwibiwr Brith)</i>	SJ388493	19/05/2004	Rob W Whitehead	3	Field record / observation	Wrexham Ind Estate - S of Bryn Lane	Substrate:Unknown.	D1373/001/02 <i>(3087916)</i>	S42, UKBAP, LBAP[DEN, FLI]	3

Taxon Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ39024932	11/06/1992	Anon - Herpetofauna Consultants International			BICC Cables	Report identifies this as a probable record, supplied by local person.	D1125/001/03 (1857494)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ38685193	Before 01/04/2007	Wrexham/JG&AH	2002:Presence		Cornish Hall, Holt, Pond 2002: 2		D1125/001/03 (1857826)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ381496 (Estimated from Map)	15/04/1998	Dylan Lloyd	1		Wrexham Industrial Estate - Field Corner Pond		D1125/001/03 (1857566)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ379498 (Estimated from Map)	22/04/1998	Dylan Lloyd	7		Wrexham Industrial Estate - Typha pond		D1125/001/03 (1857672)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Coenonympha pamphilus (Small Heath/Gweirlöyn Bach y Waun)	SJ385493	4 records, between 01/06/1998 and 07/05/2010	Peter Heywood; John V. Smith; Bryan Formstone	2 Adult, 7 Adult, 2, 2	Daytime observation; Field record / observation	Wrexham Industrial Estate	JVS's Map Ref SJ 384493 : also recorded PBF - not accepted yet. Substrate:Unknown	D1373/001/02 D0127/001/02	S42, UKBAP, LBAP[GWY]	3
Coenonympha pamphilus (Small Heath/Gweirlöyn Bach y Waun)	SJ385493	2 records, both on 12/05/2007	Brian & Sue Roberts			Wrexham Industrial Estate		D1399/001/01	S42, UKBAP, LBAP[GWY]	1
Erynnis tages (Dingy Skipper/Gwibiwr Llwyd)	SJ385493	10 records, between 03/05/2009 and 30/05/2010	John Smith; Peter Heywood; John V. Smith	: 2, Adult: 1 to 7	Daytime observation; Field record / observation	Wrexham Industrial Estate	JVS's Map Ref SJ 384493 : also recorded PBF - not accepted yet. Substrate:Unknown	D1373/001/02	S42, UKBAP, LBAP[CON, FLI, GWY]	3
Pyrgus malvae (Grizzled Skipper/Gwibiwr Brith)	SJ385493	10 records, between May 1993 and 03/05/2009	John Smith; Peter Heywood; Bryan Formstone; J.B. Formstone	: 2, Adult: 1 to 8	Daytime observation; Field record / observation	Wrexham Industrial Estate	Substrate:Unknown	D1373/001/02 D0127/001/02	S42, UKBAP, LBAP[DEN, FLI]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ39425199	04/07/2002	Wrexham/JG&AH	7 larvae		Aldersey Farm, Holt, Pond No. 17, 2002		D1125/001/03 (1857360)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Erynnis tages (Dingy Skipper/Gwibiwr Llwyd)	SJ387492	21/05/2006	John V. Smith	1 Adult	Daytime observation	Wxm Ind Estate, Oak Road	Substrate:Unknown.	D1373/001/02 (3087393)	S42, UKBAP, LBAP[CON, FLI, GWY]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ378498 (Estimated from Map)	22/04/1998	Dylan Lloyd	6		Wrexham Industrial Estate - Woodland Corridor Pond		D1125/001/03 (1857673)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ39844943	17/06/1992	Anon - Herpetofauna Consultants International	P		Cae Farm		D1125/001/03 (1857613)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Chiasmia clathrata (Latticed Heath/Seffyr Delltog)	SJ376502	25/05/2004	Rob W Whitehead	1 Adult	Daytime observation	Wrexham Ind Estate - Ash Road South	Substrate:Unknown.	D1285/001/01 (3067924)	S42, UKBAP, LBAP[GWY]	3
Coenonympha pamphilus (Small Heath/Gweirlöyn Bach y Waun)	SJ376502	25/05/2004	Rob W Whitehead	2	Field record / observation	Wrexham Ind Estate - Ash Road South	Substrate:Unknown.	D1373/001/02 (3101078)	S42, UKBAP, LBAP[GWY]	3
Chiasmia clathrata (Latticed Heath/Seffyr Delltog)	SJ386492	22/06/2007	John Smith	2 Adult	Daytime observation	Wrexham Ind. estate	Substrate:Grassland: neutral.	D1285/001/01 (3067955)	S42, UKBAP, LBAP[GWY]	3
Ecliptopera silaceata (Small Phoenix/Ffenics Bach)	SJ386492	1972	Z.D.Zamojski	1 Adult		Wrexham Ind Estate (Oaks Site)	Substrate:Scrub: scattered.	D1285/001/01 (3053868)	S42, UKBAP, LBAP[GWY]	3
Hemistola chrysoprasaria (Small Emerald/Emrallt Barf yr Hen Wr)	SJ386492	1973	Z.D.Zamojski	1 Adult	MV Light Trap	Wrexham Ind. estate	Substrate:Grassland: neutral.	D1285/001/01 (3069654)	S42, UKBAP, LBAP[GWY]	3
Watsonalla binaria (Oak Hook-tip/Bachadain y Deri)	SJ386492	1972	Z.D.Zamojski	1 Adult	MV Light	Wrexham Ind. estate	Substrate:Grassland: neutral.	D1285/001/01 (3063078)	S42, UKBAP, LBAP[GWY]	3
Asteroscopus sphinx (Sprawler/Cwcwll Bwaog)	SJ404501	04/11/1989	J.B. Formstone	1 Adult	Attracted to a lighted window	Isycoed	Substrate:Roadside and verge.	D1285/001/01 (3076414)	S42, UKBAP	3
Pipistrellus pipistrellus (Common Pipistrelle/Ystum Lleiaf)	SJ3949 (Estimated from Map)	3 records, between 16/08/1993 and 18/08/1993	Anon	8, 22, 32		Site Name Withheld		D1049/001/02	Bern, Bonn, EPS, HDir, S42, WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	3
Erynnis tages (Dingy Skipper/Gwibiwr Llwyd)	SJ388491	30/04/2007	Emma Broad	1		Off Oak Road Wrexham industrial Estate		D1117/001/01 (2098631)	S42, UKBAP, LBAP[CON, FLI, GWY]	4
Pipistrellus (A Terrestrial Mammal)	SJ3849 (Estimated from Map)	08/07/2003	Anon	2		Site Name Withheld		D1049/001/02 (683546)	Bonn, EPS, WCA5	3

Taxon Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ39604918	17/06/1992	Anon - Herpetofauna Consultants International	P		BICC Cables		D1125/001/03 (1857611)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ37465087	Before 29/08/2003	EAC	Eggs (2001)		Erlas Hall		D1125/001/03 (1857825)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ39614912	17/06/1992	Anon - Herpetofauna Consultants International	P		BICC Cables		D1125/001/03 (1857610)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ381492 (Estimated from Map)	15/04/1998	Dylan Lloyd	1		Wrexham Industrial Estate - Drainage Ditch		D1125/001/03 (1857565)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ39264898 (Estimated from Map)	1992	Anon	P		Diamond Farm		D1125/001/03 (1857158)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ373506 (Estimated from Map)	14/04/2000	Anon	2		near Erlas Hall		D1125/001/03 (1857546)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ39854915	03/06/1992	Anon - Herpetofauna Consultants International	P		Cae Farm		D1125/001/03 (1857317)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Chiroptera (Bat/Ystlum)	SJ3750 (Estimated from Map)	2003	Anon	1		Site Name Withheld		D1049/001/02 (683085)	WCA5	3
Myotis mystacinus (Whiskered Bat/Ystlum Barfog)	SJ3749 (Estimated from Map)	30/04/1998	Anon	1		Site Name Withheld		D1049/001/02 (683474)	Bern, Bonn, EPS, HDir, WCA5, LBAP[DEN, FLI, GWY]	3
Rana temporaria (Common Frog/Llyffant Melyn)	SJ396522	1987	Anon			HOLT		D1076/001/01 (450115)	HDir, WCA5, LBAP[ANG, CON, FLI]	3
Myotis mystacinus (Whiskered Bat/Ystlum Barfog)	SJ3750 (Estimated from Map)	30/09/1999	Anon	1		Site Name Withheld		D1049/001/02 (683473)	Bern, Bonn, EPS, HDir, WCA5, LBAP[DEN, FLI, GWY]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ39534896	03/06/1992	Anon - Herpetofauna Consultants International	P		Diamond Farm		D1125/001/03 (1857319)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ39624898	03/06/1992	Anon - Herpetofauna Consultants International	P		Diamond Farm		D1125/001/03 (1857320)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ39485236 (Estimated from Map)	1987	AG	P		Cornish Farm	1987 1.	D1125/001/03 (1857109)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ39625233	07/07/2002	Wrexham/JG&AH	2 larvae		Ridley House Farm, Holt, Pond No. 22, 2002		D1125/001/03 (1857414)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Timandra comae (Blood-Vein/Gwyfyn Gwythien Goch)	SJ396489	04/08/2006	J.B. Formstone	1 Adult	Netted	Bowling bank Pond	Substrate:pond.	D1285/001/01 (3073428)	S42, UKBAP	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ39584888	03/06/1992	Anon - Herpetofauna Consultants International			Higher Oak		D1125/001/03 (1857326)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Scotopteryx chenopodiata (Shaded Broad-bar/Rhesen Lydan Dywyll)	SJ379491	07/08/2009	Graham, A.N. & J.E.	10	Daytime observation	Wrexham Industrial Estate	Substrate:Unknown.	D1285/001/01 (3053555)	S42, UKBAP, LBAP[GWY]	3
Tyria jacobaeae (Cinnabar/Teigr y Benfelen)	SJ379491	07/08/2009	Graham, A.N. & J.E.	10 Larval	Daytime observation	Wrexham Industrial Estate	Substrate:Unknown.	D1285/001/01 (3048891)	S42, UKBAP, LBAP[GWY]	3

Taxon Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V
Lissotriton vulgaris (Smooth Newt/Madfall Ddwr Gyffredin)	SJ395524	1987	Anon			HOLT		D1076/001/01 (451461)	WCA5, LBAP[CON, DEN, FLI]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ395524	1987	Anon			HOLT		D1076/001/01 (451140)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Anguis fragilis (Slow-worm/Neidr Ddefaid)	SJ380490	Before 2009	Anon.			Redwither Brook		D0035/002/01 (2502262)	S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	4
Vipera berus (Adder/Gwiber)	SJ380490	Before 2009	Anon.			Redwither Brook		D0035/002/01 (2502299)	S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	4
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ39295253	02/07/2002	Wrexham/JG&AH			Cornish Hall		D1125/001/03 (1857305)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Chiasmia clathrata (Latticed Heath/Seffyr Delltog)	SJ378491	19/06/2010	Justin Williams	1 Adult	Daytime observation	Wrexham Industrial Estate	Substrate:Unknown.	D1285/001/01 (3067975)	S42, UKBAP, LBAP[GWY]	3
Chiasmia clathrata subsp. clathrata (Latticed Heath)	SJ378491	06/07/2009	Graham, A.N. & J.E.	4	Daytime observation	Wrexham Industrial Estate	Substrate:Unknown.	D1285/001/01 (3084374)	S42, UKBAP, LBAP[GWY]	3
Scotopteryx chenopodiata (Shaded Broad-bar/Rhesen Lydan Dywyll)	SJ378491	06/07/2009	Graham, A.N. & J.E.	10	Daytime observation	Wrexham Industrial Estate	Substrate:Unknown.	D1285/001/01 (3053412)	S42, UKBAP, LBAP[GWY]	3
Tyria jacobaeae (Cinnabar/Teigr y Benfelen)	SJ378491	19/06/2010	Justin Williams	1 Adult	Netted	Wrexham Industrial Estate	Substrate:Unknown.	D1285/001/01 (3048896)	S42, UKBAP, LBAP[GWY]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ381489 (Estimated from Map)	29/04/1998	Dylan Lloyd	16		Wrexham Industrial Estate - Core Site Pond		D1125/001/03 (1857746)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Tyria jacobaeae (Cinnabar/Teigr y Benfelen)	SJ381489	12/06/2010	Justin Williams	1 Adult	Daytime observation	Wrexham Industrial Estate	Substrate:Unknown.	D1285/001/01 (3048895)	S42, UKBAP, LBAP[GWY]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ39585251	1987	AG			Oak Tree Farm	1987 3.	D1125/001/03 (1857114)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Lissotriton vulgaris (Smooth Newt/Madfall Ddwr Gyffredin)	SJ39714882	03/06/1992	Anon - Herpetofauna Consultants International					D1122/002/01 (1271282)	WCA5, LBAP[CON, DEN, FLI]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ39714882	03/06/1992	Anon - Herpetofauna Consultants International	P		Higher Oak		D1125/001/03 (1857321)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ38915259	16/06/1993	Anon - Herpetofauna Consultants International	P		Cornish Hall Farm		D1125/001/03 (1857602)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ3816348910	1994	ME			Spectrum Industrial Estate		D1125/001/03 (1857224)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Rana temporaria (Common Frog/Llyffant Melyn)	SJ398524	1987	Anon			HOLT		D1076/001/01 (450117)	HDir, WCA5, LBAP[ANG, CON, FLI]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ38405252	15/06/1993	Anon - Herpetofauna Consultants International	P		Plas Bostick		D1125/001/03 (1857590)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ39794880	03/06/1992	Anon - Herpetofauna Consultants International	P		Higher Oak		D1125/001/03 (1857322)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Lissotriton helveticus (Palmate Newt/Madfall Ddwr Balfog)	SJ396525	1987	Anon			HOLT		D1076/001/01 (451319)	WCA5, LBAP[ANG, CON, DEN, FLI]	3
Lissotriton vulgaris (Smooth Newt/Madfall Ddwr Gyffredin)	SJ396525	1987	Anon			HOLT		D1076/001/01 (451462)	WCA5, LBAP[CON, DEN, FLI]	3

Taxon Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ396525	1987	Anon			HOLT		D1076/001/01 (451141)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ39385261 (Estimated from Map)	1987	AG	P		Cornish Farm		D1125/001/03 (1857108)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ370507 (Estimated from Map)	09/03/2000	EAC	2M, 21F (200)		Redwither Wood		D1125/001/03 (1857448)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ394526	1987	Anon			HOLT		D1076/001/01 (451139)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ39875254	1987	AG			Oak Tree Farm	1987 5.	D1125/001/03 (1857116)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ38764858	09/06/1992	Anon - Herpetofauna Consultants International	P		Pickhill Bridge Farm		D1125/001/03 (1857455)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ39575267	1987	AG			Oak Tree Farm	1987 4.	D1125/001/03 (1857115)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ37774898 (Estimated from Map)	1994	Anon	P		Firestone Factory		D1125/001/03 (1857219)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ381487 (Estimated from Map)	16/05/1998	Dylan Lloyd	1		Wrexham Industrial Estate - Water Treatment Pond		D1125/001/03 (1857594)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ399525	1987	Anon			HOLT		D1076/001/01 (451142)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ39624859	03/06/1992	Anon - Herpetofauna Consultants International	P		The Smithy	Report identifies this as a probable record, supplied by local person.	D1125/001/03 (1857325)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ38484858	09/06/1992	Anon - Herpetofauna Consultants International	P		Pickhill Bridge Farm		D1125/001/03 (1857453)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ39774860 (Estimated from Map)	1992	Anon	P		The Smithy		D1125/001/03 (1857173)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ39704855	1992	Anon - Herpetofauna Consultants International	P		The Smithy		D1125/001/03 (1857172)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ37805246	14/06/1993	Anon - Herpetofauna Consultants International	P		Borras Hall Farm		D1125/001/03 (1857556)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ368503 (Estimated from Map)	28/04/2000	Anon	8		Big Wood		D1125/001/03 (1857731)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3

Taxon Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ38594847	09/06/1992	Anon - Herpetofauna Consultants International	P		Pickhill Bridge Farm		D1125/001/03 (1857454)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ368502 (Estimated from Map)	28/04/2000	EAC	8		Big Wood		D1125/001/03 (1857730)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ39004835	09/06/1992	Anon - Herpetofauna Consultants International	P		Pickhill Bridge Farm		D1125/001/03 (1857458)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ36984954	08/07/1992	Anon - Herpetofauna Consultants International			Pear Tree Cottage	Report identifies this as a probable record, supplied by local person.	D1125/001/03 (1857447)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ37395231	14/06/1993	Anon - Herpetofauna Consultants International	P		Bourton Hall		D1125/001/03 (1857557)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ38854829	09/06/1992	Anon - Herpetofauna Consultants International	P		Pickhill Bridge Farm		D1125/001/03 (1857457)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Lutra lutra (European Otter/Dyfrgi)	SJ3948	5 records, between 18/07/1998 and 19/06/1999	John Bridge	Present, Present, Present, Present, Present		Site Name Withheld		D0969/001/01	Bern, CITES, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNP, WRE]	1
Lutra lutra (European Otter/Dyfrgi)	SJ3948	6 records, between 20/07/1991 and 18/01/1997	Name Withheld; Jane Walsh; John Bridge; Elizabeth Andrews		Field signs, otter spraint; Field signs, otter footprints; Field signs, otter spraint and scratchings	Higher Oak; Afon Clywedog; Higher Oak; Afon Clywedog (Km 2.1) (right bank at Bridge Farm); Higher Oak; Afon Clywedog (Km 2.1) (at Pickhill Bridge)		D0045/001/01 D1153/001/02	Bern, CITES, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ37495247	14/06/1993	Anon - Herpetofauna Consultants International	P		Bourton Hall		D1125/001/03 (1857558)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Arvicola terrestris (European Water Vole/Llygoden Bengron y Dwr)	SJ397529	01/11/2001	Anon At B.A.S.C.	Present		Flintshire		D0969/001/01 (821981)	S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	1
Lutra lutra (European Otter/Dyfrgi)	SJ3948	5 records, between 04/05/1997 and 19/06/1999	C.C.W. Record		Footprint; Spraint	Site Name Withheld		D1118/006/01	Bern, CITES, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNP, WRE]	1
Lutra lutra (European Otter/Dyfrgi)	SJ3948	04/05/1997	C.C.W. Record		Foot prints	Site Name Withheld		D1118/006/01 (694046)	Bern, CITES, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNP, WRE]	1
Lutra lutra (European Otter/Dyfrgi)	SJ3948	18/01/1997	C.C.W. Record		Spraint	Site Name Withheld		D1118/006/01 (694047)	Bern, CITES, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNP, WRE]	1
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ39414823 (Estimated from Map)	1991	NWES	P		Pickhill Bridge Farm		D1125/001/03 (1857130)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ38774819	09/06/1992	Anon - Herpetofauna Consultants International	P		Pickhill Bridge Farm		D1125/001/03 (1857456)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Lutra lutra (European Otter/Dyfrgi)	SJ3948	06/11/2003	Phil Morgan		Field signs, otter spraint and footprints (69mm!)	Site Name Withheld		D1153/001/02 (2476943)	Bern, CITES, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNP, WRE]	3

Taxon Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V
Triturus cristatus (Great Crested Newt/Madfall Ddwr Gribog)	SJ37495259	14/06/1993	Anon - Herpetofauna Consultants International	P		Borras Hall Farm		D1125/001/03 (1857555)	Bern, EPS, HDir, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	3
Falco tinnunculus (Common Kestrel/Cudyll Coch)	SJ3850	15/06/2008	Norman Hallas	1		Wrexham, Industrial Estate	H Activity.	D1297/002/01 (2453825)	Bern, Bonn, CITES, S42, WBR[RSPB], LBAP[ANG, CON, DEN, FLI, GWY]	1
Muscicapa striata (Spotted Flycatcher/Gwybedog Mannog)	SJ3850	15/06/2008	Norman Hallas	1		Wrexham, Industrial Estate	S Activity.	D1297/002/01 (2462686)	Bern, Bonn, S42, UKBAP, WBR[RSPB], LBAP[CON, DEN, FLI, GWY]	1
Anser anser (Greylag Goose/Gwydd Wyllt)	SJ3951	2 records, on 03/05/2008 and 15/06/2008	Norman Hallas	3, 2		Ridleywood, W	P Activity.	D1297/002/01	BDir, Bonn, WCA1, LBAP[CON]	1
Falco tinnunculus (Common Kestrel/Cudyll Coch)	SJ3951	14/03/2008	Norman Hallas	1		Ridleywood, W		D1297/002/01 (2453815)	Bern, Bonn, CITES, S42, WBR[RSPB], LBAP[ANG, CON, DEN, FLI, GWY]	1
Passer domesticus (House Sparrow/Aderyn y To)	SJ3951	14/03/2008	Norman Hallas	6		Ridleywood, W	T Activity.	D1297/002/01 (2460312)	S42, UKBAP, WBAm[RSPB], LBAP[CON, FLI, GWY]	1
Turdus iliacus (Redwing/Coch Dan Adain)	SJ3951	14/03/2008	Norman Hallas	5		Ridleywood, W	M Activity.	D1297/002/01 (2462170)	BDir, WBAm[RSPB], WCA1, LBAP[CON]	1
Turdus pilaris (Fieldfare/Socan Eira)	SJ3951	3 records, between 14/03/2008 and 07/12/2009	Norman Hallas	5, 2, 100		Ridleywood, W	M Activity.	D1297/002/01	BDir, WBAm[RSPB], WCA1, LBAP[CON]	1
Vanellus vanellus (Northern Lapwing/Cornchwiglen)	SJ3951	14/03/2008	Norman Hallas	1		Ridleywood, W	H Activity.	D1297/002/01 (2461653)	BDir, Bonn, S42, UKBAP, WBR[RSPB], LBAP[ANG, CON, DEN, FLI, GWY, SNP]	1
Falco tinnunculus (Common Kestrel/Cudyll Coch)	SJ3949	16/04/2008	Norman Hallas	2		Wrexham, Industrial Estate, E		D1297/002/01 (2453816)	Bern, Bonn, CITES, S42, WBR[RSPB], LBAP[ANG, CON, DEN, FLI, GWY]	1
Anguis fragilis (Slow-worm/Neidr Ddefaid)	SJ3849	1999	Young Assoc.			Wrexham Industrial Estate	Habitat: Scrub, grassl'd.	D0035/002/01 (2502260)	S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	4
Anguis fragilis (Slow-worm/Neidr Ddefaid)	SJ3849	1999	Anon			Wrexham Industrial Estate		D1076/001/01 (450915)	S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	3
Falco tinnunculus (Common Kestrel/Cudyll Coch)	SJ3849	2 records, on 16/04/2008 and 17/03/2009	Norman Hallas	1, 1		Wrexham, Industrial Estate, W		D1297/002/01	Bern, Bonn, CITES, S42, WBR[RSPB], LBAP[ANG, CON, DEN, FLI, GWY]	1
Meles meles (Eurasian Badger/Mochyn Daear)	SJ3849	3 records, all on 02/01/2003	Clwyd Badger Group (CBG)		Badger Sett		CBG Ref: B56.0. Please contact CBG for more details.; CBG Ref: B89.0; CBG Ref: B20.0.	D0059/001/01	BA, LBAP[CON, DEN, FLI, WRE]	3
Vipera berus (Adder/Gwiber)	SJ3849	1999	Anon			Wrexham Industrial Estate		D1076/001/01 (451117)	S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	3
Vipera berus (Adder/Gwiber)	SJ3849	1999	Young Assoc.			Wrexham Industrial Estate	Habitat: Scrub, grassl'd.	D0035/002/01 (2502297)	S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	4
Meles meles (Eurasian Badger/Mochyn Daear)	SJ3751	2 records, both on 19/12/2003	Clwyd Badger Group (CBG)		Badger Sett		CBG Ref: A53.1. Please contact CBG for more details.; CBG Ref: A58.0.	D0059/001/01	BA, LBAP[CON, DEN, FLI, WRE]	3
Meles meles (Eurasian Badger/Mochyn Daear)	SJ3749	19/08/2003	Clwyd Badger Group (CBG)		Badger Sett		CBG Ref: B51.0. Please contact CBG for more details.	D0059/001/01 (804446)	BA, LBAP[CON, DEN, FLI, WRE]	3
Scotopteryx chenopodiata (Shaded Broad-bar/Rhesen Lydan Dywyll)	SJ3749	2 records, on 07/09/2009 and 09/07/2010	Graham, A.N. & J.E.; Justin Williams	2 Adult	Netted	Wrexham Industrial Estate	Substrate:Unknown	D1285/001/01	S42, UKBAP, LBAP[GWY]	3
Meles meles (Eurasian Badger/Mochyn Daear)	SJ3948	08/03/2007	Clwyd Badger Group (CBG)		Badger Sett		CBG Ref: B19.0. Please contact CBG for more details.	D0059/001/01 (804404)	BA, LBAP[CON, DEN, FLI, WRE]	3
Erynnis tages (Dingy Skipper/Gwibiwr Llwyd)	SJ3848 (Centroid)	2 records, in 1995 and 12/05/2005	Bryan Formstone; Ian Waller	2, 2 Adult	Field record / observation; Daytime observation	SJ3848	Wrexham Ind Estate.	D0127/001/02 D1373/001/02	S42, UKBAP, LBAP[CON, FLI, GWY]	3
Lasiommata megera (Wall/Gweirlôyn y Cloddiau)	SJ3848 (Centroid)	1995	Bryan Formstone	2	Field record / observation	SJ3848		D0127/001/02 (521780)	S42, UKBAP, LBAP[GWY]	3
Meles meles (Eurasian Badger/Mochyn Daear)	SJ3848	02/01/2003	Clwyd Badger Group (CBG)		Badger Sett		CBG Ref: B21.0. Please contact CBG for more details.	D0059/001/01 (804406)	BA, LBAP[CON, DEN, FLI, WRE]	3

Taxon Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V
<i>Pyrgus malvae</i> (Grizzled Skipper/Gwibiwr Brith)	SJ3848	12/05/2005	Ian Waller	1 Adult	Daytime observation	SJ3848	Wrexham Ind Estate. Substrate:Unknown.	D1373/001/02 (3087938)	S42, UKBAP, LBAP[DEN, FLI]	3
<i>Turdus iliacus</i> (Redwing/Coch Dan Adain)	SJ4052	19/03/2008	Norman Hallas	5		Holt, far S	M Activity.	D1297/002/01 (2462171)	BDir, WBAm[RSPB], WCA1, LBAP[CON]	1
<i>Tyria jacobaeae</i> (Cinnabar/Teigr y Benfelen)	SJ4052	21/06/2005	Wilkinson,Roger	1 Adult	Field record / observation	Farndon	Substrate:Unknown.	D1285/001/01 (3048917)	S42, UKBAP, LBAP[GWY]	3
<i>Meles meles</i> (Eurasian Badger/Mochyn Daear)	SJ3752	04/01/1990	Clwyd Badger Group (CBG)		Badger Sett		CBG Ref: A67.0. Please contact CBG for more details.	D0059/001/01 (802942)	BA, LBAP[CON, DEN, FLI, WRE]	3
<i>Coenonympha pamphilus</i> (Small Heath/Gweirlöyn Bach y Waun)	SJ3748	25/08/2010	A.N. & J.E. Graham	5 Adult	Daytime observation	Wrexham Industrial Estate	Substrate:Brownfield, calcareous newly-seeded herb- rich grassland and old.	D1373/001/02 (3101284)	S42, UKBAP, LBAP[GWY]	3
<i>Erynnis tages</i> (Dingy Skipper/Gwibiwr Llwyd)	SJ3748	12/05/2005	Ian Waller	5 Adult	Daytime observation	SJ3748	Wrexham Ind Estate. Substrate:Unknown.	D1373/001/02 (3087383)	S42, UKBAP, LBAP[CON, FLI, GWY]	3
<i>Meles meles</i> (Eurasian Badger/Mochyn Daear)	SJ3748	02/01/2003	Clwyd Badger Group (CBG)		Badger Sett		CBG Ref: B46.0. Please contact CBG for more details.	D0059/001/01 (804440)	BA, LBAP[CON, DEN, FLI, WRE]	3
<i>Pyrgus malvae</i> (Grizzled Skipper/Gwibiwr Brith)	SJ3748	12/05/2005	Ian Waller	3 Adult	Daytime observation	SJ3748	Wrexham Ind Estate. Substrate:Unknown.	D1373/001/02 (3087940)	S42, UKBAP, LBAP[DEN, FLI]	3

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 2000m - 15 records										
Taxon Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V
<i>Crepis biennis</i> (Rough Hawk's-beard/Gwalchlys Garw)	SJ387494	1998	Anon			Redwither		D0216/001/02 (1104136)	WVP, LBAP[CON]	1
<i>Ricciocarpus natans</i> (Fringed Heartwort)	SJ382518	04/06/1976	Jones, R.C.			Wrexham,Hugmore House,nr		D1075/001/02 (1749415)	RD2	3
<i>Eumerus ornatus</i> (An Insect - True Fly (Diptera))	SJ386492	19/06/1992	J. B. Formstone	1 Adult		Wrexham Ind. estate	Netted. Substrate:Grassland: neutral.	D1397/001/01 (3375213)	RD2	1
<i>Hirundo rustica</i> (Barn Swallow/Gwennol)	SJ3850	15/06/2008	Norman Hallas	2		Wrexham, Industrial Estate	H Activity.	D1297/002/01 (2449917)	Bern, WBAm[RSPB], LBAP[ANG, CON, GWY]	1
<i>Cygnus olor</i> (Mute Swan/Alarch Dof)	SJ3951	2 records, on 14/03/2008 and 19/03/2008	Norman Hallas	2, 2		Ridleywood, W	P Activity.	D1297/002/01	BDir, Bonn, WBAm[RSPB], LBAP[CON]	1
<i>Hirundo rustica</i> (Barn Swallow/Gwennol)	SJ3951	17/06/2009	Norman Hallas	10		Ridleywood, W	H Activity.	D1297/002/01 (2449975)	Bern, WBAm[RSPB], LBAP[ANG, CON, GWY]	1
<i>Riparia riparia</i> (Sand Martin/Gwennol y Glennydd)	SJ3951	17/06/2009	Norman Hallas	2		Ridleywood, W	M Activity.	D1297/002/01 (2462424)	Bern, WBAm[RSPB], LBAP[CON, DEN, FLI, GWY]	1
<i>Sturnus vulgaris</i> (Common Starling/Drudwen)	SJ3951	2 records, on 14/03/2008 and 03/05/2008	Norman Hallas	50, 11		Ridleywood, W	M Activity.	D1297/002/01	BDir, WBR[RSPB], LBAP[CON, FLI, GWY]	1
<i>Acanthophilus helianthi</i> (An Insect - True Fly (Diptera))	SJ3849	04/07/2000	Mike Howe		Field Observation	The Oaks		D0217/001/01 (1057403)	RD2	3
<i>Diplapion stolidum</i> (An Insect - Beetle (Coleoptera))	SJ3849	04/07/2000	Adrian Fowles	1 Adult	Field Observation	The Oaks		D0217/001/01 (1017798)	RD2	3
<i>Oxyna nebulosa</i> (An Insect - True Fly (Diptera))	SJ3849	04/07/2000	Mike Howe	2 Female; 2 male	Field Observation	The Oaks		D0217/001/01 (1057364)	RD1	3
<i>Pseudorchestes pratensis</i> (An Insect - Beetle (Coleoptera))	SJ3849	04/07/2000	Adrian Fowles	1 Adult	Field Observation	The Oaks		D0217/001/01 (1017789)	RD2	3
<i>Cygnus olor</i> (Mute Swan/Alarch Dof)	SJ4052	19/03/2008	Norman Hallas	2		Holt, far S	P Activity.	D1297/002/01 (2461534)	BDir, Bonn, WBAm[RSPB], LBAP[CON]	1

Category 3 Species (LBAP Species not identified under Categories 1 & 2, Locally Important species as specified by local experts) within 2000m - 268 records										
Taxon Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V
<i>Aeshna mixta</i> (Migrant Hawker/Gwas Neidr Mudol)	SJ388509	12/09/2006	Bryan Formstone	4 Adult		Field pond, Wrexham industrial estate		D0067/001/01 (637872)	LBAP[SNP]	3
<i>Ischnura elegans</i> (Blue-tailed Damselfly/Mursen Dinlas Gyffredin)	SJ388509	01/09/2006	Bryan Formstone	2 Adult		Field pond, Wrexham industrial estate		D0067/001/01 (637861)	LBAP[SNP]	3
<i>Lestes sponsa</i> (Emerald Damselfly/Mursen Werdd)	SJ388509	06/08/1979	Taylor, R					D0158/003/01 (2507872)	LBAP[SNP]	1
<i>Lestes sponsa</i> (Emerald Damselfly/Mursen Werdd)	SJ388509	06/08/1979	R. Taylor	Present Adult		Unknown		D0067/001/01 (636562)	LBAP[SNP]	3
<i>Sympetrum striolatum</i> (Common Darter/Gwäell Gyffredin)	SJ388509	12/09/2006	Bryan Formstone	4 Adult		Field pond, Wrexham industrial estate		D0067/001/01 (637871)	LBAP[SNP]	3
<i>Lestes sponsa</i> (Emerald Damselfly/Mursen Werdd)	SJ394508	02/08/1979	Taylor, R					D0158/003/01 (2507769)	LBAP[SNP]	1
<i>Lestes sponsa</i> (Emerald Damselfly/Mursen Werdd)	SJ394508	02/08/1979	R. Taylor	Present Adult		Unknown		D0067/001/01 (636541)	LBAP[SNP]	3

Taxon Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V
Aeshna grandis (Brown Hawker/Gwas Neidr Brown)	SJ392502	13/07/1999	Bryan Formstone	1 Adult		Owens Corning Factory, Wrexham industrial estate		D0067/001/01 (637873)	LBAP[GWY, SNP]	3
Calopteryx splendens (Banded Demoiselle/Morwyn Wych)	SJ392502	18/07/1999	Bryan Formstone	1 Adult		Owens Corning Factory, Wrexham industrial estate		D0067/001/01 (637916)	LBAP[SNP]	3
Coenagrion puella (Azure Damselfly/Mursen Las Asur)	SJ392502	11/05/1999	Bryan Formstone	3 Adult		Owens Corning Factory, Wrexham industrial estate		D0067/001/01 (637865)	LBAP[SNP]	3
Ischnura elegans (Blue-tailed Damselfly/Mursen Dinlas Gyffredin)	SJ392502	16/06/1999	Bryan Formstone	2 Adult		Owens Corning Factory, Wrexham industrial estate		D0067/001/01 (637900)	LBAP[SNP]	3
Libellula depressa (Broad-bodied Chaser/Picellwr Praff)	SJ392502	08/07/1999	Bryan Formstone	1 Adult		Owens Corning Factory, Wrexham industrial estate		D0067/001/01 (637961)	LBAP[SNP]	3
Pyrrhosoma nymphula (Large Red Damselfly/Mursen Fawr Goch)	SJ392502	11/05/1999	Bryan Formstone	3 Adult		Owens Corning Factory, Wrexham industrial estate		D0067/001/01 (637864)	LBAP[SNP]	3
Sympetrum striolatum (Common Darter/Gwäell Gyffredin)	SJ392502	18/08/1999	Bryan Formstone	3 Adult		Owens Corning Factory, Wrexham industrial estate		D0067/001/01 (637917)	LBAP[SNP]	3
Aeshna grandis (Brown Hawker/Gwas Neidr Brown)	SJ390511 (Estimated Centroid of Site Name))	04/08/1991	Weldrick, Julian C			Laurel Grove		D0158/003/01 (2506676)	LBAP[GWY, SNP]	1
Aeshna grandis (Brown Hawker/Gwas Neidr Brown)	SJ390511	04/08/1991	Julian C. Weldrick	1 Adult		Laurel Grove		D0067/001/01 (636782)	LBAP[GWY, SNP]	3
Coenagrion puella (Azure Damselfly/Mursen Las Asur)	SJ390511	2 records, both on 04/08/1991	Julian C. Weldrick	2-5 Adult, 1 Copulating pair		Laurel Grove		D0067/001/01	LBAP[SNP]	3
Coenagrion puella (Azure Damselfly/Mursen Las Asur)	SJ390511 (Estimated Centroid of Site Name))	04/08/1991	Weldrick, Julian C			Laurel Grove		D0158/003/01 (2507086)	LBAP[SNP]	1
Ischnura elegans (Blue-tailed Damselfly/Mursen Dinlas Gyffredin)	SJ390511 (Estimated Centroid of Site Name))	04/08/1991	Weldrick, Julian C			Laurel Grove		D0158/003/01 (2507717)	LBAP[SNP]	1
Ischnura elegans (Blue-tailed Damselfly/Mursen Dinlas Gyffredin)	SJ390511	04/08/1991	Julian C. Weldrick	1 Adult		Laurel Grove		D0067/001/01 (636783)	LBAP[SNP]	3
Lestes sponsa (Emerald Damselfly/Mursen Werdd)	SJ390511	04/08/1991	Julian C. Weldrick	1 Adult		Laurel Grove		D0067/001/01 (636786)	LBAP[SNP]	3
Lestes sponsa (Emerald Damselfly/Mursen Werdd)	SJ390511 (Estimated Centroid of Site Name))	04/08/1991	Weldrick, Julian C			Laurel Grove		D0158/003/01 (2507877)	LBAP[SNP]	1
Sympetrum striolatum (Common Darter/Gwäell Gyffredin)	SJ390511 (Estimated Centroid of Site Name))	04/08/1991	Weldrick, Julian C			Laurel Grove		D0158/003/01 (2508572)	LBAP[SNP]	1
Sympetrum striolatum (Common Darter/Gwäell Gyffredin)	SJ390511	2 records, both on 04/08/1991	Julian C. Weldrick	2-5 Adult, 1 Copulating pair		Laurel Grove		D0067/001/01	LBAP[SNP]	3
Aeshna grandis (Brown Hawker/Gwas Neidr Brown)	SJ389511	04/08/1991	Julian C. Weldrick	1 Adult		Wrexham Indust.Est		D0067/001/01 (636774)	LBAP[GWY, SNP]	3
Aeshna grandis (Brown Hawker/Gwas Neidr Brown)	SJ391511	04/08/1991	Julian C. Weldrick	1 Adult		Laurel Grove		D0067/001/01 (636787)	LBAP[GWY, SNP]	3
Aeshna grandis (Brown Hawker/Gwas Neidr Brown)	SJ391511 (Estimated Centroid of Site Name))	04/08/1991	Weldrick, Julian C			Laurel Grove		D0158/003/01 (2506677)	LBAP[GWY, SNP]	1
Aeshna grandis (Brown Hawker/Gwas Neidr Brown)	SJ389511 (Estimated Centroid of Site Name))	04/08/1991	Weldrick, Julian C			Wrexham Industrial Estate		D0158/003/01 (2506679)	LBAP[GWY, SNP]	1
Ischnura elegans (Blue-tailed Damselfly/Mursen Dinlas Gyffredin)	SJ389511 (Estimated Centroid of Site Name))	04/08/1991	Weldrick, Julian C			Wrexham Industrial Estate		D0158/003/01 (2507708)	LBAP[SNP]	1
Ischnura elegans (Blue-tailed Damselfly/Mursen Dinlas Gyffredin)	SJ391511 (Estimated Centroid of Site Name))	04/08/1991	Weldrick, Julian C			Laurel Grove		D0158/003/01 (2507706)	LBAP[SNP]	1
Ischnura elegans (Blue-tailed Damselfly/Mursen Dinlas Gyffredin)	SJ391511	04/08/1991	Julian C. Weldrick	2-5 Adult		Laurel Grove		D0067/001/01 (636788)	LBAP[SNP]	3
Ischnura elegans (Blue-tailed Damselfly/Mursen Dinlas Gyffredin)	SJ389511	04/08/1991	Julian C. Weldrick	2-5 Adult		Wrexham Indust.Est		D0067/001/01 (636775)	LBAP[SNP]	3
Lestes sponsa (Emerald Damselfly/Mursen Werdd)	SJ389511	04/08/1991	Julian C. Weldrick	1 Adult		Wrexham Indust.Est		D0067/001/01 (636776)	LBAP[SNP]	3
Lestes sponsa (Emerald Damselfly/Mursen Werdd)	SJ391511	04/08/1991	Julian C. Weldrick	1 Adult		Laurel Grove		D0067/001/01 (636789)	LBAP[SNP]	3
Lestes sponsa (Emerald Damselfly/Mursen Werdd)	SJ389511 (Estimated Centroid of Site Name))	04/08/1991	Weldrick, Julian C			Wrexham Industrial Estate		D0158/003/01 (2507881)	LBAP[SNP]	1
Lestes sponsa (Emerald Damselfly/Mursen Werdd)	SJ391511 (Estimated Centroid of Site Name))	04/08/1991	Weldrick, Julian C			Laurel Grove		D0158/003/01 (2507878)	LBAP[SNP]	1
Sympetrum striolatum (Common Darter/Gwäell Gyffredin)	SJ391511 (Estimated Centroid of Site Name))	04/08/1991	Weldrick, Julian C			Laurel Grove		D0158/003/01 (2508573)	LBAP[SNP]	1
Sympetrum striolatum (Common Darter/Gwäell Gyffredin)	SJ389511 (Estimated Centroid of Site Name))	04/08/1991	Weldrick, Julian C			Wrexham Industrial Estate		D0158/003/01 (2508562)	LBAP[SNP]	1
Sympetrum striolatum (Common Darter/Gwäell Gyffredin)	SJ391511	04/08/1991	Julian C. Weldrick	1 Adult		Laurel Grove		D0067/001/01 (636790)	LBAP[SNP]	3

Taxon Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V
Sympetrum striolatum (Common Darter/Gwäell Gyffredin)	SJ389511	2 records, both on 04/08/1991	Julian C. Weldrick	2-5 Adult, 1 Copulating pair		Wrexham Indust.Est		D0067/001/01	LBAP[SNP]	3
Libellula depressa (Broad-bodied Chaser/Picelllwr Praff)	SJ388501 (Selected from Interactive Map)	07/05/2009	Graham Berry	1 Adult Female	Live sighting	Bryn Lane Recycling Centre	Over ponds created as part of mitigation for recycling centre development.	D1117/001/01 (2099905)	LBAP[SNP]	4
Lestes sponsa (Emerald Damselfly/Mursen Werdd)	SJ389513 (Estimated (Centroid of Site Name))	04/08/1991	Weldrick, Julian C			Ridley Farm		D0158/003/01 (2507880)	LBAP[SNP]	1
Lestes sponsa (Emerald Damselfly/Mursen Werdd)	SJ389513	04/08/1991	Julian C. Weldrick	1 Adult		Ridley Farm		D0067/001/01 (636779)	LBAP[SNP]	3
Anax imperator (Emperor Dragonfly/Ymerawdwr)	SJ390514	10/07/2002	Andy Harmer	2-5 Adult		Pond		D0067/001/01 (637533)	LBAP[SNP]	3
Coenagrion puella (Azure Damselfly/Mursen Las Asur)	SJ390514	10/07/2002	Andy Harmer	2-5 Larva		Pond		D0067/001/01 (637532)	LBAP[SNP]	3
Enallagma cyathigerum (Common Blue Damselfly/Mursen Las Gyffredin)	SJ390514	10/07/2002	Andy Harmer	2-5 Larva		Pond		D0067/001/01 (637536)	LBAP[SNP]	3
Ischnura elegans (Blue-tailed Damselfly/Mursen Dinlas Gyffredin)	SJ390514	10/07/2002	Andy Harmer	2-5 Larva		Pond		D0067/001/01 (637535)	LBAP[SNP]	3
Lestes sponsa (Emerald Damselfly/Mursen Werdd)	SJ390514	10/07/2002	Andy Harmer	1 Larva		Pond		D0067/001/01 (637534)	LBAP[SNP]	3
Pyrrhosoma nymphula (Large Red Damselfly/Mursen Fawr Goch)	SJ390514	10/07/2002	Andy Harmer	1 Larva		Pond		D0067/001/01 (637531)	LBAP[SNP]	3
Aeshna grandis (Brown Hawker/Gwas Neidr Brown)	SJ396500	01/08/1979	R. Taylor	Present Adult		Unknown		D0067/001/01 (636538)	LBAP[GWY, SNP]	3
Aeshna grandis (Brown Hawker/Gwas Neidr Brown)	SJ396500	01/08/1979	Taylor, R					D0158/003/01 (2506623)	LBAP[GWY, SNP]	1
Ischnura elegans (Blue-tailed Damselfly/Mursen Dinlas Gyffredin)	SJ396500	01/08/1979	Taylor, R					D0158/003/01 (2507736)	LBAP[SNP]	1
Ischnura elegans (Blue-tailed Damselfly/Mursen Dinlas Gyffredin)	SJ396500	01/08/1979	R. Taylor	Present Adult		Unknown		D0067/001/01 (636537)	LBAP[SNP]	3
Lestes sponsa (Emerald Damselfly/Mursen Werdd)	SJ396500	01/08/1979	R. Taylor	Present Adult		Unknown		D0067/001/01 (636536)	LBAP[SNP]	3
Lestes sponsa (Emerald Damselfly/Mursen Werdd)	SJ396500	01/08/1979	Taylor, R					D0158/003/01 (2507764)	LBAP[SNP]	1
Aeshna grandis (Brown Hawker/Gwas Neidr Brown)	SJ388515 (Estimated (Centroid of Site Name))	04/08/1991	Weldrick, Julian C			Ridley Farm		D0158/003/01 (2506678)	LBAP[GWY, SNP]	1
Aeshna grandis (Brown Hawker/Gwas Neidr Brown)	SJ388515	04/08/1991	Julian C. Weldrick	1 Adult		Ridley Farm		D0067/001/01 (636771)	LBAP[GWY, SNP]	3
Ischnura elegans (Blue-tailed Damselfly/Mursen Dinlas Gyffredin)	SJ388515	04/08/1991	Julian C. Weldrick	2-5 Adult		Ridley Farm		D0067/001/01 (636772)	LBAP[SNP]	3
Ischnura elegans (Blue-tailed Damselfly/Mursen Dinlas Gyffredin)	SJ388515 (Estimated (Centroid of Site Name))	04/08/1991	Weldrick, Julian C			Ridley Farm		D0158/003/01 (2507707)	LBAP[SNP]	1
Lestes sponsa (Emerald Damselfly/Mursen Werdd)	SJ388515 (Estimated (Centroid of Site Name))	04/08/1991	Weldrick, Julian C			Ridley Farm		D0158/003/01 (2507879)	LBAP[SNP]	1
Lestes sponsa (Emerald Damselfly/Mursen Werdd)	SJ388515	04/08/1991	Julian C. Weldrick	1 Adult		Ridley Farm		D0067/001/01 (636773)	LBAP[SNP]	3
Sympetrum striolatum (Common Darter/Gwäell Gyffredin)	SJ385514	01/07/2002	Andy Harmer	1 Larva		Pond		D0067/001/01 (637334)	LBAP[SNP]	3
Aeshna grandis (Brown Hawker/Gwas Neidr Brown)	SJ397499	01/08/1979	R. Taylor	Present Adult		Unknown		D0067/001/01 (636540)	LBAP[GWY, SNP]	3
Aeshna grandis (Brown Hawker/Gwas Neidr Brown)	SJ397499	01/08/1979	Taylor, R					D0158/003/01 (2506622)	LBAP[GWY, SNP]	1
Ischnura elegans (Blue-tailed Damselfly/Mursen Dinlas Gyffredin)	SJ397499	01/08/1979	Taylor, R					D0158/003/01 (2507444)	LBAP[SNP]	1
Ischnura elegans (Blue-tailed Damselfly/Mursen Dinlas Gyffredin)	SJ397499	01/08/1979	R. Taylor	Present Adult		Unknown		D0067/001/01 (636539)	LBAP[SNP]	3
Anax imperator (Emperor Dragonfly/Ymerawdwr)	SJ390516	10/07/2002	Andy Harmer	1 Adult		Pond		D0067/001/01 (637542)	LBAP[SNP]	3
Coenagrion puella (Azure Damselfly/Mursen Las Asur)	SJ390516	10/07/2002	Andy Harmer	2-5 Adult		Pond		D0067/001/01 (637541)	LBAP[SNP]	3
Ischnura elegans (Blue-tailed Damselfly/Mursen Dinlas Gyffredin)	SJ390516	10/07/2002	Andy Harmer	2-5 Larva		Pond		D0067/001/01 (637537)	LBAP[SNP]	3
Lestes sponsa (Emerald Damselfly/Mursen Werdd)	SJ390516	10/07/2002	Andy Harmer	2-5 Larva		Pond		D0067/001/01 (637538)	LBAP[SNP]	3

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Libellula quadrimaculata (Four-spotted Chaser/Picelllwr Pedwar Nod)	SJ390516	10/07/2002	Andy Harmer	2-5 Adult		Pond		D0067/001/01 (637540)	LBAP[SNP]	3
Pyrrhosoma nymphula (Large Red Damselfly/Mursen Fawr Goch)	SJ390516	10/07/2002	Andy Harmer	1 Adult		Pond		D0067/001/01 (637539)	LBAP[SNP]	3
Sympetrum striolatum (Common Darter/Gwäell Gyffredin)	SJ390516	10/07/2002	Andy Harmer	2-5 Adult		Pond		D0067/001/01 (637543)	LBAP[SNP]	3
Ischnura elegans (Blue-tailed Damselfly/Mursen Dinlas Gyffredin)	SJ400507	27/07/1979	Taylor, R					D0158/003/01 (2507530)	LBAP[SNP]	1
Ischnura elegans (Blue-tailed Damselfly/Mursen Dinlas Gyffredin)	SJ400507	27/07/1979	R. Taylor	Present Adult		Unknown		D0067/001/01 (636606)	LBAP[SNP]	3
Lestes sponsa (Emerald Damselfly/Mursen Werdd)	SJ400507	27/07/1979	R. Taylor	Present Adult		Unknown		D0067/001/01 (636607)	LBAP[SNP]	3
Lestes sponsa (Emerald Damselfly/Mursen Werdd)	SJ400507	27/07/1979	Taylor, R					D0158/003/01 (2507804)	LBAP[SNP]	1
Ischnura elegans (Blue-tailed Damselfly/Mursen Dinlas Gyffredin)	SJ401507	26/07/1979	Taylor, R					D0158/003/01 (2507537)	LBAP[SNP]	1
Ischnura elegans (Blue-tailed Damselfly/Mursen Dinlas Gyffredin)	SJ401507	26/07/1979	R. Taylor	Present Adult		Unknown		D0067/001/01 (636602)	LBAP[SNP]	3
Lestes sponsa (Emerald Damselfly/Mursen Werdd)	SJ401507	26/07/1979	R. Taylor	Present Adult		Unknown		D0067/001/01 (636601)	LBAP[SNP]	3
Lestes sponsa (Emerald Damselfly/Mursen Werdd)	SJ401507	26/07/1979	Taylor, R					D0158/003/01 (2507802)	LBAP[SNP]	1
Aeshna cyanea (Southern Hawker/Gwas Neidr y De)	SJ389517	02/07/2002	Andy Harmer	2-5 Larva		Pond		D0067/001/01 (637365)	LBAP[SNP]	3
Coenagrion puella (Azure Damselfly/Mursen Las Asur)	SJ389517	02/07/2002	Andy Harmer	2-5 Larva		Pond		D0067/001/01 (637368)	LBAP[SNP]	3
Enallagma cyathigerum (Common Blue Damselfly/Mursen Las Gyffredin)	SJ389517	02/07/2002	Andy Harmer	2-5 Larva		Pond		D0067/001/01 (637370)	LBAP[SNP]	3
Ischnura elegans (Blue-tailed Damselfly/Mursen Dinlas Gyffredin)	SJ389517	02/07/2002	Andy Harmer	2-5 Larva		Pond		D0067/001/01 (637366)	LBAP[SNP]	3
Pyrrhosoma nymphula (Large Red Damselfly/Mursen Fawr Goch)	SJ389517	02/07/2002	Andy Harmer	1 Larva		Pond		D0067/001/01 (637367)	LBAP[SNP]	3
Sympetrum striolatum (Common Darter/Gwäell Gyffredin)	SJ389517	02/07/2002	Andy Harmer	1 Larva		Pond		D0067/001/01 (637369)	LBAP[SNP]	3
Aeshna grandis (Brown Hawker/Gwas Neidr Brown)	SJ385516	26/08/1979	R. Taylor	Present Adult		Unknown		D0067/001/01 (636605)	LBAP[GWY, SNP]	3
Aeshna grandis (Brown Hawker/Gwas Neidr Brown)	SJ385516	26/08/1979	Taylor, R					D0158/003/01 (2506635)	LBAP[GWY, SNP]	1
Aeshna grandis (Brown Hawker/Gwas Neidr Brown)	SJ393517	24/08/1979	Taylor, R					D0158/003/01 (2506641)	LBAP[GWY, SNP]	1
Aeshna grandis (Brown Hawker/Gwas Neidr Brown)	SJ393517	24/08/1979	R. Taylor	Present Adult		Unknown		D0067/001/01 (636597)	LBAP[GWY, SNP]	3
Lestes sponsa (Emerald Damselfly/Mursen Werdd)	SJ393517	24/08/1979	R. Taylor	Present Adult		Unknown		D0067/001/01 (636596)	LBAP[SNP]	3
Lestes sponsa (Emerald Damselfly/Mursen Werdd)	SJ393517	24/08/1979	Taylor, R					D0158/003/01 (2507801)	LBAP[SNP]	1
Lactuca serriola (Prickly Lettuce/Letusen Bigog)	SJ386495	1984	Anon			Industrial Estate		D0216/001/02 (1104192)	LBAP[CON]	1
Lestes sponsa (Emerald Damselfly/Mursen Werdd)	SJ394517	23/08/1979	Taylor, R					D0158/003/01 (2507809)	LBAP[SNP]	1
Lestes sponsa (Emerald Damselfly/Mursen Werdd)	SJ394517	23/08/1979	R. Taylor	Present Adult		Unknown		D0067/001/01 (636594)	LBAP[SNP]	3
Aeshna grandis (Brown Hawker/Gwas Neidr Brown)	SJ402507	26/07/1979	R. Taylor	Present Adult		Unknown		D0067/001/01 (636603)	LBAP[GWY, SNP]	3
Aeshna grandis (Brown Hawker/Gwas Neidr Brown)	SJ402507	26/07/1979	Taylor, R					D0158/003/01 (2506634)	LBAP[GWY, SNP]	1
Coenagrion puella (Azure Damselfly/Mursen Las Asur)	SJ397516	03/08/1979	Taylor, R					D0158/003/01 (2507083)	LBAP[SNP]	1
Coenagrion puella (Azure Damselfly/Mursen Las Asur)	SJ397516	03/08/1979	R. Taylor	Present Adult		Unknown		D0067/001/01 (636549)	LBAP[SNP]	3
Ischnura elegans (Blue-tailed Damselfly/Mursen Dinlas Gyffredin)	SJ397516	03/08/1979	R. Taylor	Present Adult		Unknown		D0067/001/01 (636548)	LBAP[SNP]	3
Ischnura elegans (Blue-tailed Damselfly/Mursen Dinlas Gyffredin)	SJ397516	03/08/1979	Taylor, R					D0158/003/01 (2507720)	LBAP[SNP]	1

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Lestes sponsa (Emerald Damselfly/Mursen Werdd)	SJ397516	03/08/1979	Taylor, R					D0158/003/01 (2507894)	LBAP[SNP]	1
Lestes sponsa (Emerald Damselfly/Mursen Werdd)	SJ397516	03/08/1979	R. Taylor	Present Adult		Unknown		D0067/001/01 (636547)	LBAP[SNP]	3
Aeshna grandis (Brown Hawker/Gwas Neidr Brown)	SJ393518	04/08/1991	Julian C. Weldrick	1 Adult		Aldersley Farm		D0067/001/01 (636791)	LBAP[GWY, SNP]	3
Aeshna grandis (Brown Hawker/Gwas Neidr Brown)	SJ393518 (Estimated (Centroid of Site Name))	04/08/1991	Weldrick, Julian C			Aldersley Farm		D0158/003/01 (2506687)	LBAP[GWY, SNP]	1
Lestes sponsa (Emerald Damselfly/Mursen Werdd)	SJ393518 (Estimated (Centroid of Site Name))	04/08/1991	Weldrick, Julian C			Aldersley Farm		D0158/003/01 (2507888)	LBAP[SNP]	1
Lestes sponsa (Emerald Damselfly/Mursen Werdd)	SJ393518	04/08/1991	Julian C. Weldrick	1 Adult		Aldersley Farm		D0067/001/01 (636792)	LBAP[SNP]	3
Sympetrum striolatum (Common Darter/Gwäell Gyffredin)	SJ393518	04/08/1991	Julian C. Weldrick	1 Adult		Aldersley Farm		D0067/001/01 (636793)	LBAP[SNP]	3
Sympetrum striolatum (Common Darter/Gwäell Gyffredin)	SJ393518 (Estimated (Centroid of Site Name))	04/08/1991	Weldrick, Julian C			Aldersley Farm		D0158/003/01 (2508571)	LBAP[SNP]	1
Ischnura elegans (Blue-tailed Damselfly/Mursen Dinlas Gyffredin)	SJ402502	24/07/1979	Taylor, R					D0158/003/01 (2507541)	LBAP[SNP]	1
Ischnura elegans (Blue-tailed Damselfly/Mursen Dinlas Gyffredin)	SJ402502	24/07/1979	R. Taylor	Present Adult		Unknown		D0067/001/01 (636595)	LBAP[SNP]	3
Aeshna grandis (Brown Hawker/Gwas Neidr Brown)	SJ401513	03/08/1979	R. Taylor	Present Adult		Unknown		D0067/001/01 (636551)	LBAP[GWY, SNP]	3
Aeshna grandis (Brown Hawker/Gwas Neidr Brown)	SJ401513	03/08/1979	Taylor, R					D0158/003/01 (2506683)	LBAP[GWY, SNP]	1
Ischnura elegans (Blue-tailed Damselfly/Mursen Dinlas Gyffredin)	SJ401499	31/07/1979	Taylor, R					D0158/003/01 (2507489)	LBAP[SNP]	1
Ischnura elegans (Blue-tailed Damselfly/Mursen Dinlas Gyffredin)	SJ401513	03/08/1979	Taylor, R					D0158/003/01 (2507722)	LBAP[SNP]	1
Ischnura elegans (Blue-tailed Damselfly/Mursen Dinlas Gyffredin)	SJ401513	03/08/1979	R. Taylor	Present Adult		Unknown		D0067/001/01 (636550)	LBAP[SNP]	3
Ischnura elegans (Blue-tailed Damselfly/Mursen Dinlas Gyffredin)	SJ401499	31/07/1979	R. Taylor	Present Adult		Unknown		D0067/001/01 (636620)	LBAP[SNP]	3
Enallagma cyathigerum (Common Blue Damselfly/Mursen Las Gyffredin)	SJ388519	02/07/2002	Andy Harmer	2-5 Larva		Pond		D0067/001/01 (637364)	LBAP[SNP]	3
Ischnura elegans (Blue-tailed Damselfly/Mursen Dinlas Gyffredin)	SJ388519	02/07/2002	Andy Harmer	2-5 Larva		Pond		D0067/001/01 (637363)	LBAP[SNP]	3
Pyrrhosoma nymphula (Large Red Damselfly/Mursen Fawr Goch)	SJ388519	02/07/2002	Andy Harmer	1 Adult		Pond		D0067/001/01 (637362)	LBAP[SNP]	3
Coenagrion puella (Azure Damselfly/Mursen Las Asur)	SJ393519	2 records, both on 03/07/2002	Andy Harmer	2-5 Adult, 2-5 Adult		Pond, Aldersley Farm, Holt		D0067/001/01	LBAP[SNP]	3
Ischnura elegans (Blue-tailed Damselfly/Mursen Dinlas Gyffredin)	SJ393519	2 records, both on 03/07/2002	Andy Harmer	2-5 Larva, 1 Adult		Pond, Aldersley Farm, Holt		D0067/001/01	LBAP[SNP]	3
Lestes sponsa (Emerald Damselfly/Mursen Werdd)	SJ393519	03/07/2002	Andy Harmer	2-5 Larva		Pond, Aldersley Farm, Holt		D0067/001/01 (637401)	LBAP[SNP]	3
Sympetrum sanguineum (Ruddy Darter/Gwäell Rudd)	SJ393519	03/07/2002	Andy Harmer	2-5 Larva		Pond, Aldersley Farm, Holt		D0067/001/01 (637405)	LBAP[SNP]	3
Sympetrum striolatum (Common Darter/Gwäell Gyffredin)	SJ393519	03/07/2002	Andy Harmer	1 Larva		Pond, Aldersley Farm, Holt		D0067/001/01 (637400)	LBAP[SNP]	3
Aeshna cyanea (Southern Hawker/Gwas Neidr y De)	SJ386519	2 records, both on 01/07/2002	Andy Harmer	2-5 Larva, 1 Larva		Pond		D0067/001/01	LBAP[SNP]	3
Aeshna grandis (Brown Hawker/Gwas Neidr Brown)	SJ386519	01/07/2002	Andy Harmer	1 Larva		Pond		D0067/001/01 (637344)	LBAP[GWY, SNP]	3
Anax imperator (Emperor Dragonfly/Ymerawdwr)	SJ394519	04/07/2002	Andy Harmer	1 Adult		Pond		D0067/001/01 (637439)	LBAP[SNP]	3
Coenagrion puella (Azure Damselfly/Mursen Las Asur)	SJ394519	04/07/2002	Andy Harmer	1 Adult		Pond		D0067/001/01 (637443)	LBAP[SNP]	3
Coenagrion puella (Azure Damselfly/Mursen Las Asur)	SJ386519	2 records, both on 01/07/2002	Andy Harmer	1 Adult, 2-5 Larva		Pond		D0067/001/01	LBAP[SNP]	3
Ischnura elegans (Blue-tailed Damselfly/Mursen Dinlas Gyffredin)	SJ394519	04/07/2002	Andy Harmer	1 Adult		Pond		D0067/001/01 (637440)	LBAP[SNP]	3
Ischnura elegans (Blue-tailed Damselfly/Mursen Dinlas Gyffredin)	SJ386519	2 records, both on 01/07/2002	Andy Harmer	6-20 Larva, 2-5 Larva		Pond		D0067/001/01	LBAP[SNP]	3
Lestes sponsa (Emerald Damselfly/Mursen Werdd)	SJ394519	04/07/2002	Andy Harmer	1 Adult		Pond		D0067/001/01 (637441)	LBAP[SNP]	3

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Lestes sponsa (<i>Emerald Damselfly/Mursen Werdd</i>)	SJ386519	2 records, both on 01/07/2002	Andy Harmer	2-5 Adult, 2-5 Larva		Pond		D0067/001/01	LBAP[SNP]	3
Pyrrhosoma nymphula (<i>Large Red Damselfly/Mursen Fawr Goch</i>)	SJ386519	01/07/2002	Andy Harmer	1 Adult		Pond		D0067/001/01 (637341)	LBAP[SNP]	3
Sympetrum striolatum (<i>Common Darter/Gwäell Gyffredin</i>)	SJ386519	2 records, both on 01/07/2002	Andy Harmer	2-5 Larva, 6-20 Larva		Pond		D0067/001/01	LBAP[SNP]	3
Sympetrum striolatum (<i>Common Darter/Gwäell Gyffredin</i>)	SJ394519	04/07/2002	Andy Harmer	6-20 Larva		Pond		D0067/001/01 (637442)	LBAP[SNP]	3
Ischnura elegans (<i>Blue-tailed Damselfly/Mursen Dinlas Gyffredin</i>)	SJ403513	03/08/1979	R. Taylor	Present Adult		Unknown		D0067/001/01 (636552)	LBAP[SNP]	3
Ischnura elegans (<i>Blue-tailed Damselfly/Mursen Dinlas Gyffredin</i>)	SJ403513	03/08/1979	Taylor, R					D0158/003/01 (2507723)	LBAP[SNP]	1
Ischnura elegans (<i>Blue-tailed Damselfly/Mursen Dinlas Gyffredin</i>)	SJ404511	26/07/1979	Taylor, R					D0158/003/01 (2507536)	LBAP[SNP]	1
Ischnura elegans (<i>Blue-tailed Damselfly/Mursen Dinlas Gyffredin</i>)	SJ404511	26/07/1979	R. Taylor	Present Adult		Unknown		D0067/001/01 (636604)	LBAP[SNP]	3
Lestes sponsa (<i>Emerald Damselfly/Mursen Werdd</i>)	SJ405507	29/07/1979	R. Taylor	Present Adult		Unknown		D0067/001/01 (636613)	LBAP[SNP]	3
Lestes sponsa (<i>Emerald Damselfly/Mursen Werdd</i>)	SJ405507	29/07/1979	Taylor, R					D0158/003/01 (2507794)	LBAP[SNP]	1
Ischnura elegans (<i>Blue-tailed Damselfly/Mursen Dinlas Gyffredin</i>)	SJ405508	25/07/1979	Taylor, R					D0158/003/01 (2507534)	LBAP[SNP]	1
Ischnura elegans (<i>Blue-tailed Damselfly/Mursen Dinlas Gyffredin</i>)	SJ405508	25/07/1979	R. Taylor	Present Adult		Unknown		D0067/001/01 (636599)	LBAP[SNP]	3
Populus nigra subsp. betulifolia (<i>A Flowering Plant</i>)	SJ4030051500	1994	Trefor Thompson & Les Starling	3 Male	field record	Ridley Wood	Hedges - Location to be checked.	D0225/001/01 (1273248)	LBAP[CON, DEN, FLI, SNP, WRE], LI[VC52]	3
Aeshna grandis (<i>Brown Hawker/Gwas Neidr Brown</i>)	SJ398519	2 records, both on 05/09/1979	Day, Paul; Taylor, R					D0158/003/01	LBAP[GWY, SNP]	1
Aeshna grandis (<i>Brown Hawker/Gwas Neidr Brown</i>)	SJ398519	4 records, all on 05/09/1979	Paul Day; R. Taylor; P. Day	Present Adult, Present Adult	Field Observation	Lower Dee Valley Ponds; Unknown	Pond.	D0217/001/01 D0067/001/01	LBAP[GWY, SNP]	3
Aeshna cyanea (<i>Southern Hawker/Gwas Neidr y De</i>)	SJ386521	01/07/2002	Andy Harmer	1 Larva		Pond, Cornish Hall, Holt		D0067/001/01 (637349)	LBAP[SNP]	3
Coenagrion puella (<i>Azure Damselfly/Mursen Las Asur</i>)	SJ386521	01/07/2002	Andy Harmer	2-5 Adult		Pond, Cornish Hall, Holt		D0067/001/01 (637350)	LBAP[SNP]	3
Ischnura elegans (<i>Blue-tailed Damselfly/Mursen Dinlas Gyffredin</i>)	SJ386521	01/07/2002	Andy Harmer	2-5 Larva		Pond, Cornish Hall, Holt		D0067/001/01 (637348)	LBAP[SNP]	3
Lestes sponsa (<i>Emerald Damselfly/Mursen Werdd</i>)	SJ386521	01/07/2002	Andy Harmer	2-5 Larva		Pond, Cornish Hall, Holt		D0067/001/01 (637347)	LBAP[SNP]	3
Sympetrum sanguineum (<i>Ruddy Darter/Gwäell Rudd</i>)	SJ386521	01/07/2002	Andy Harmer	2-5 Larva		Pond, Cornish Hall, Holt		D0067/001/01 (637351)	LBAP[SNP]	3
Calopteryx splendens (<i>Banded Demoiselle/Morwyn Wych</i>)	SJ405511	01/06/1986	Bob Merritt	Present		River Dee, Aldford		D0969/001/01 (813933)	LBAP[SNP]	1
Ischnura elegans (<i>Blue-tailed Damselfly/Mursen Dinlas Gyffredin</i>)	SJ403515	03/08/1979	Taylor, R					D0158/003/01 (2507721)	LBAP[SNP]	1
Ischnura elegans (<i>Blue-tailed Damselfly/Mursen Dinlas Gyffredin</i>)	SJ403515	03/08/1979	R. Taylor	Present Adult		Unknown		D0067/001/01 (636553)	LBAP[SNP]	3
Ischnura elegans (<i>Blue-tailed Damselfly/Mursen Dinlas Gyffredin</i>)	SJ390522	02/07/2002	Andy Harmer	2-5 Adult		Pond		D0067/001/01 (637371)	LBAP[SNP]	3
Lestes sponsa (<i>Emerald Damselfly/Mursen Werdd</i>)	SJ390522	02/07/2002	Andy Harmer	1 Larva		Pond		D0067/001/01 (637372)	LBAP[SNP]	3
Anax imperator (<i>Emperor Dragonfly/Ymerawdwr</i>)	SJ396521	07/07/2002	Andy Harmer	1 Adult		Pond		D0067/001/01 (637511)	LBAP[SNP]	3
Coenagrion puella (<i>Azure Damselfly/Mursen Las Asur</i>)	SJ396521	07/07/2002	Andy Harmer	1 Larva		Pond		D0067/001/01 (637512)	LBAP[SNP]	3
Enallagma cyathigerum (<i>Common Blue Damselfly/Mursen Las Gyffredin</i>)	SJ396521	07/07/2002	Andy Harmer	1 Adult		Pond		D0067/001/01 (637515)	LBAP[SNP]	3
Ischnura elegans (<i>Blue-tailed Damselfly/Mursen Dinlas Gyffredin</i>)	SJ396521	07/07/2002	Andy Harmer	2-5 Larva		Pond		D0067/001/01 (637513)	LBAP[SNP]	3
Libellula depressa (<i>Broad-bodied Chaser/Picellwr Praff</i>)	SJ396521	07/07/2002	Andy Harmer	1 Adult		Pond		D0067/001/01 (637510)	LBAP[SNP]	3
Libellula quadrimaculata (<i>Four-spotted Chaser/Picellwr Pedwar Nod</i>)	SJ396521	07/07/2002	Andy Harmer	1 Adult		Pond		D0067/001/01 (637514)	LBAP[SNP]	3
Orthetrum cancellatum (<i>Black-tailed Skimmer/Picellwr Tinddu</i>)	SJ396521	07/07/2002	Andy Harmer	2-5 Adult		Pond		D0067/001/01 (637516)	LBAP[SNP]	3

Taxon Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V
Populus nigra subsp. betulifolia (<i>A Flowering Plant</i>)	SJ4010049400	1994	Trefor Thompson & Les Starling	1 Male	field record	B5130 Isycoed	Hedge - Location to be checked.	D0225/001/01 (1273304)	LBAP[CON, DEN, FLI, SNP, WRE], LI[VC52]	3
Aeshna mixta (<i>Migrant Hawker/Gwas Neidr Mudol</i>)	SJ407507	11/08/2000	Neil Friswell	2+		Denbighshire		D0969/001/01 (821762)	LBAP[SNP]	1
Brachytron pratense (<i>Hairy Dragonfly/Gwas Neidr Flewog</i>)	SJ407507	2 records, on 10/05/2002 and 28/05/2003	Neil Friswell	1+, 1+		Denbighshire		D0969/001/01	LBAP[GWY, SNP]	1
Calopteryx splendens (<i>Banded Demoiselle/Morwyn Wych</i>)	SJ407507	02/06/2003	Neil Friswell	1+		Denbighshire		D0969/001/01 (822153)	LBAP[SNP]	1
Coenagrion puella (<i>Azure Damselfly/Mursen Las Asur</i>)	SJ398521	04/07/2002	Andy Harmer	2-5 Adult		Pond, Ridley Wood Farm, Holt		D0067/001/01 (637453)	LBAP[SNP]	3
Erythromma najas (<i>Red-eyed Damselfly/Mursen Lygatgoch Fawr</i>)	SJ407507	06/06/2003	Neil Friswell	5+		Denbighshire		D0969/001/01 (822154)	LBAP[SNP]	1
Ischnura elegans (<i>Blue-tailed Damselfly/Mursen Dinlas Gyffredin</i>)	SJ398521	04/07/2002	Andy Harmer	1 Adult		Pond, Ridley Wood Farm, Holt		D0067/001/01 (637454)	LBAP[SNP]	3
Sympetrum striolatum (<i>Common Darter/Gwäell Gyffredin</i>)	SJ407507	01/09/2002	Neil Friswell	42+		Denbighshire		D0969/001/01 (822068)	LBAP[SNP]	1
Ischnura elegans (<i>Blue-tailed Damselfly/Mursen Dinlas Gyffredin</i>)	SJ390523	27/08/1979	Taylor, R					D0158/003/01 (2507521)	LBAP[SNP]	1
Ischnura elegans (<i>Blue-tailed Damselfly/Mursen Dinlas Gyffredin</i>)	SJ390523	27/08/1979	R. Taylor	Present Adult		Unknown		D0067/001/01 (636608)	LBAP[SNP]	3
Ischnura elegans (<i>Blue-tailed Damselfly/Mursen Dinlas Gyffredin</i>)	SJ403495	19/07/1979	R. Taylor	Present Adult		Unknown		D0067/001/01 (636584)	LBAP[SNP]	3
Ischnura elegans (<i>Blue-tailed Damselfly/Mursen Dinlas Gyffredin</i>)	SJ403495	19/07/1979	Taylor, R					D0158/003/01 (2507596)	LBAP[SNP]	1
Coenagrion puella (<i>Azure Damselfly/Mursen Las Asur</i>)	SJ407504	25/07/1979	Taylor, R					D0158/003/01 (2506981)	LBAP[SNP]	1
Coenagrion puella (<i>Azure Damselfly/Mursen Las Asur</i>)	SJ407504	25/07/1979	R. Taylor	Present Adult		Unknown		D0067/001/01 (636600)	LBAP[SNP]	3
Aeshna grandis (<i>Brown Hawker/Gwas Neidr Brown</i>)	SJ398522	27/08/1979	R. Taylor	Present Adult		Unknown		D0067/001/01 (636609)	LBAP[GWY, SNP]	3
Aeshna grandis (<i>Brown Hawker/Gwas Neidr Brown</i>)	SJ398522	27/08/1979	Taylor, R					D0158/003/01 (2506638)	LBAP[GWY, SNP]	1
Anax imperator (<i>Emperor Dragonfly/Ymerawdwr</i>)	SJ396523	07/07/2002	Andy Harmer	2-5 Adult		Pond		D0067/001/01 (637520)	LBAP[SNP]	3
Coenagrion puella (<i>Azure Damselfly/Mursen Las Asur</i>)	SJ396523	07/07/2002	Andy Harmer	1 Larva		Pond		D0067/001/01 (637518)	LBAP[SNP]	3
Coenagrion puella (<i>Azure Damselfly/Mursen Las Asur</i>)	SJ396489	04/08/2006	Bryan Formstone	1 Adult		Bowling Bank Pond		D0067/001/01 (637951)	LBAP[SNP]	3
Ischnura elegans (<i>Blue-tailed Damselfly/Mursen Dinlas Gyffredin</i>)	SJ396523	07/07/2002	Andy Harmer	2-5 Larva		Pond		D0067/001/01 (637519)	LBAP[SNP]	3
Lestes sponsa (<i>Emerald Damselfly/Mursen Werdd</i>)	SJ396489	04/08/2006	Bryan Formstone	1 Adult		Bowling Bank Pond		D0067/001/01 (637949)	LBAP[SNP]	3
Libellula depressa (<i>Broad-bodied Chaser/Picellwr Praff</i>)	SJ396523	07/07/2002	Andy Harmer	1 Adult		Pond		D0067/001/01 (637521)	LBAP[SNP]	3
Libellula quadrimaculata (<i>Four-spotted Chaser/Picellwr Pedwar Nod</i>)	SJ396523	07/07/2002	Andy Harmer	1 Adult		Pond		D0067/001/01 (637517)	LBAP[SNP]	3
Sympetrum striolatum (<i>Common Darter/Gwäell Gyffredin</i>)	SJ396489	04/08/2006	Bryan Formstone	3 Adult		Bowling Bank Pond		D0067/001/01 (637950)	LBAP[SNP]	3
Coenagrion puella (<i>Azure Damselfly/Mursen Las Asur</i>)	SJ404494	20/07/1979	Taylor, R					D0158/003/01 (2507000)	LBAP[SNP]	1
Coenagrion puella (<i>Azure Damselfly/Mursen Las Asur</i>)	SJ404494	20/07/1979	R. Taylor	Present Adult		Unknown		D0067/001/01 (636590)	LBAP[SNP]	3
Lestes sponsa (<i>Emerald Damselfly/Mursen Werdd</i>)	SJ404494	22/07/1979	R. Taylor	Present Adult		Unknown		D0067/001/01 (636592)	LBAP[SNP]	3
Lestes sponsa (<i>Emerald Damselfly/Mursen Werdd</i>)	SJ404494	22/07/1979	Taylor, R					D0158/003/01 (2507812)	LBAP[SNP]	1
Ischnura elegans (<i>Blue-tailed Damselfly/Mursen Dinlas Gyffredin</i>)	SJ405495	19/07/1979	Taylor, R					D0158/003/01 (2507597)	LBAP[SNP]	1
Ischnura elegans (<i>Blue-tailed Damselfly/Mursen Dinlas Gyffredin</i>)	SJ405495	19/07/1979	R. Taylor	Present Adult		Unknown		D0067/001/01 (636585)	LBAP[SNP]	3
Aeshna cyanea (<i>Southern Hawker/Gwas Neidr y De</i>)	SJ398523	04/07/2002	Andy Harmer	2-5 Larva		Pond		D0067/001/01 (637447)	LBAP[SNP]	3

Taxon Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V
Aeshna grandis (Brown Hawker/Gwas Neidr Brown)	SJ398523	04/07/2002	Andy Harmer	2-5 Larva		Pond		D0067/001/01 (637446)	LBAP[GWY, SNP]	3
Anax imperator (Emperor Dragonfly/Ymerawdwr)	SJ398523	04/07/2002	Andy Harmer	1 Larva		Pond		D0067/001/01 (637448)	LBAP[SNP]	3
Coenagrion puella (Azure Damselfly/Mursen Las Asur)	SJ398523	04/07/2002	Andy Harmer	2-5 Larva		Pond		D0067/001/01 (637450)	LBAP[SNP]	3
Enallagma cyathigerum (Common Blue Damselfly/Mursen Las Gyffredin)	SJ398523	04/07/2002	Andy Harmer	2-5 Larva		Pond		D0067/001/01 (637451)	LBAP[SNP]	3
Ischnura elegans (Blue-tailed Damselfly/Mursen Dinlas Gyffredin)	SJ398523	04/07/2002	Andy Harmer	2-5 Larva		Pond		D0067/001/01 (637449)	LBAP[SNP]	3
Lestes sponsa (Emerald Damselfly/Mursen Werdd)	SJ398523	04/07/2002	Andy Harmer	2-5 Larva		Pond		D0067/001/01 (637445)	LBAP[SNP]	3
Pyrrhosoma nymphula (Large Red Damselfly/Mursen Fawr Goch)	SJ398523	04/07/2002	Andy Harmer	1 Adult		Pond		D0067/001/01 (637444)	LBAP[SNP]	3
Aeshna cyanea (Southern Hawker/Gwas Neidr y De)	SJ389525	03/07/2002	Andy Harmer	1 Larva		Pond		D0067/001/01 (637397)	LBAP[SNP]	3
Anax imperator (Emperor Dragonfly/Ymerawdwr)	SJ389525	03/07/2002	Andy Harmer	1 Adult		Pond		D0067/001/01 (637394)	LBAP[SNP]	3
Coenagrion puella (Azure Damselfly/Mursen Las Asur)	SJ389525	03/07/2002	Andy Harmer	2-5 Adult		Pond		D0067/001/01 (637396)	LBAP[SNP]	3
Ischnura elegans (Blue-tailed Damselfly/Mursen Dinlas Gyffredin)	SJ389525	03/07/2002	Andy Harmer	2-5 Adult		Pond		D0067/001/01 (637398)	LBAP[SNP]	3
Pyrrhosoma nymphula (Large Red Damselfly/Mursen Fawr Goch)	SJ389525	03/07/2002	Andy Harmer	1 Adult		Pond		D0067/001/01 (637395)	LBAP[SNP]	3
Coenagrion puella (Azure Damselfly/Mursen Las Asur)	SJ403492	19/07/1979	R. Taylor	Present Adult		Unknown		D0067/001/01 (636583)	LBAP[SNP]	3
Coenagrion puella (Azure Damselfly/Mursen Las Asur)	SJ403492	19/07/1979	Taylor, R					D0158/003/01 (2507005)	LBAP[SNP]	1
Ischnura elegans (Blue-tailed Damselfly/Mursen Dinlas Gyffredin)	SJ403492	19/07/1979	Taylor, R					D0158/003/01 (2507595)	LBAP[SNP]	1
Ischnura elegans (Blue-tailed Damselfly/Mursen Dinlas Gyffredin)	SJ403492	19/07/1979	R. Taylor	Present Adult		Unknown		D0067/001/01 (636582)	LBAP[SNP]	3
Coenagrion puella (Azure Damselfly/Mursen Las Asur)	SJ392525	02/07/2002	Andy Harmer	2-5 Larva		Pond		D0067/001/01 (637378)	LBAP[SNP]	3
Ischnura elegans (Blue-tailed Damselfly/Mursen Dinlas Gyffredin)	SJ392525	02/07/2002	Andy Harmer	2-5 Larva		Pond		D0067/001/01 (637379)	LBAP[SNP]	3
Lestes sponsa (Emerald Damselfly/Mursen Werdd)	SJ392525	02/07/2002	Andy Harmer	2-5 Larva		Pond		D0067/001/01 (637377)	LBAP[SNP]	3
Lestes sponsa (Emerald Damselfly/Mursen Werdd)	SJ405494	18/07/1979	R. Taylor	Present Adult		Unknown		D0067/001/01 (636574)	LBAP[SNP]	3
Lestes sponsa (Emerald Damselfly/Mursen Werdd)	SJ405494	18/07/1979	Taylor, R					D0158/003/01 (2507835)	LBAP[SNP]	1
Aeshna cyanea (Southern Hawker/Gwas Neidr y De)	SJ385525	28/08/1979	Taylor, R					D0158/003/01 (2506604)	LBAP[SNP]	1
Aeshna cyanea (Southern Hawker/Gwas Neidr y De)	SJ385525	28/08/1979	R. Taylor	Present Adult		Unknown		D0067/001/01 (636610)	LBAP[SNP]	3
Coenagrion puella (Azure Damselfly/Mursen Las Asur)	SJ395525	03/07/2002	Andy Harmer	1 Adult		Pond		D0067/001/01 (637399)	LBAP[SNP]	3
Coenagrion puella (Azure Damselfly/Mursen Las Asur)	SJ403491	19/07/1979	R. Taylor	Present Adult		Unknown		D0067/001/01 (636581)	LBAP[SNP]	3
Coenagrion puella (Azure Damselfly/Mursen Las Asur)	SJ403491	19/07/1979	Taylor, R					D0158/003/01 (2507004)	LBAP[SNP]	1
Ischnura elegans (Blue-tailed Damselfly/Mursen Dinlas Gyffredin)	SJ403491	19/07/1979	Taylor, R					D0158/003/01 (2507594)	LBAP[SNP]	1
Ischnura elegans (Blue-tailed Damselfly/Mursen Dinlas Gyffredin)	SJ403491	19/07/1979	R. Taylor	Present Adult		Unknown		D0067/001/01 (636579)	LBAP[SNP]	3
Lestes sponsa (Emerald Damselfly/Mursen Werdd)	SJ403491	19/07/1979	R. Taylor	Present Adult		Unknown		D0067/001/01 (636580)	LBAP[SNP]	3
Lestes sponsa (Emerald Damselfly/Mursen Werdd)	SJ403491	19/07/1979	Taylor, R					D0158/003/01 (2507830)	LBAP[SNP]	1
Ischnura elegans (Blue-tailed Damselfly/Mursen Dinlas Gyffredin)	SJ406494	18/07/1979	Taylor, R					D0158/003/01 (2507604)	LBAP[SNP]	1
Ischnura elegans (Blue-tailed Damselfly/Mursen Dinlas Gyffredin)	SJ406494	18/07/1979	R. Taylor	Present Adult		Unknown		D0067/001/01 (636575)	LBAP[SNP]	3

Taxon Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V
<i>Ranunculus trichophyllus</i> (Thread-leaved Water-crowfoot/Crafanc-y-Frân Feinddail)	SJ3950	1979	Anon					D0216/001/02 (1104264)	LBAP[GWY], LI[VC52]	1
<i>Buteo buteo</i> (Common Buzzard/Bwncath)	SJ3850	15/06/2008	Norman Hallas	1		Wrexham, Industrial Estate	H Activity.	D1297/002/01 (2453201)	Bonn, CITES, LBAP[CON]	1
<i>Carduelis chloris</i> (European Greenfinch/Llinos Werdd)	SJ3850	15/06/2008	Norman Hallas	1		Wrexham, Industrial Estate		D1297/002/01 (2457447)	Bern, LBAP[CON]	1
<i>Parus major</i> (Great Tit/Titw Mawr)	SJ3850	15/06/2008	Norman Hallas			Wrexham, Industrial Estate		D1297/002/01 (2458831)	Bern, LBAP[CON]	1
<i>Phylloscopus collybita</i> (Common Chiffchaff/Siff-Siaff)	SJ3850	15/06/2008	Norman Hallas	1		Wrexham, Industrial Estate	S Activity.	D1297/002/01 (2453428)	LBAP[CON]	1
<i>Prunella modularis</i> (Hedge Accentor/Llwyd y Gwrych)	SJ3850	15/06/2008	Norman Hallas	1		Wrexham, Industrial Estate		D1297/002/01 (2459545)	Bern, LBAP[CON]	1
<i>Sylvia atricapilla</i> (Blackcap/Telor Penddu)	SJ3850	15/06/2008	Norman Hallas	1		Wrexham, Industrial Estate		D1297/002/01 (2450786)	LBAP[CON]	1
<i>Buteo buteo</i> (Common Buzzard/Bwncath)	SJ3951	14/03/2008	Norman Hallas	1		Ridleywood, W	T Activity.	D1297/002/01 (2453170)	Bonn, CITES, LBAP[CON]	1
<i>Carduelis chloris</i> (European Greenfinch/Llinos Werdd)	SJ3951	14/03/2008	Norman Hallas	3		Ridleywood, W		D1297/002/01 (2457425)	Bern, LBAP[CON]	1
<i>Cyanistes caeruleus</i> (Blue Tit/Titw Tomos Las)	SJ3951	14/03/2008	Norman Hallas	1		Ridleywood, W		D1297/002/01 (2451071)	Bern, LBAP[CON]	1
<i>Parus major</i> (Great Tit/Titw Mawr)	SJ3951	14/03/2008	Norman Hallas	2		Ridleywood, W	P Activity.	D1297/002/01 (2458806)	Bern, LBAP[CON]	1
<i>Sylvia curruca</i> (Lesser Whitethroat/Llwydfon Fach)	SJ3951	15/06/2008	Norman Hallas	1		Ridleywood, W	S Activity.	D1297/002/01 (2460643)	LBAP[CON, DEN, FLI]	1
<i>Buteo buteo</i> (Common Buzzard/Bwncath)	SJ3949	16/04/2008	Norman Hallas	2		Wrexham, Industrial Estate, E	P Activity.	D1297/002/01 (2453179)	Bonn, CITES, LBAP[CON]	1
<i>Carduelis chloris</i> (European Greenfinch/Llinos Werdd)	SJ3949	16/04/2008	Norman Hallas	1		Wrexham, Industrial Estate, E	S Activity.	D1297/002/01 (2457436)	Bern, LBAP[CON]	1
<i>Cyanistes caeruleus</i> (Blue Tit/Titw Tomos Las)	SJ3949	16/04/2008	Norman Hallas	2		Wrexham, Industrial Estate, E		D1297/002/01 (2451085)	Bern, LBAP[CON]	1
<i>Parus major</i> (Great Tit/Titw Mawr)	SJ3949	16/04/2008	Norman Hallas	1		Wrexham, Industrial Estate, E		D1297/002/01 (2458816)	Bern, LBAP[CON]	1
<i>Phylloscopus collybita</i> (Common Chiffchaff/Siff-Siaff)	SJ3949	16/04/2008	Norman Hallas	4		Wrexham, Industrial Estate, E	S Activity.	D1297/002/01 (2453415)	LBAP[CON]	1
<i>Bombus (Melanobombus) lapidarius</i> (An Insect - Hymenopteran)	SJ3849	04/07/2000	Mike Howe		Field Observation	The Oaks		D0217/001/01 (1057404)	LBAP[FLI]	3
<i>Bombus (Thoracombus) pascuorum</i> (An Insect - Hymenopteran)	SJ3849	04/07/2000	Mike Howe		Field Observation	The Oaks		D0217/001/01 (1057385)	LBAP[FLI]	3
<i>Buteo buteo</i> (Common Buzzard/Bwncath)	SJ3849	17/03/2009	Norman Hallas	2		Wrexham, Industrial Estate, W		D1297/002/01 (2453262)	Bonn, CITES, LBAP[CON]	1
<i>Bryum argenteum</i> (Silver-moss)	SJ4050	1988	R.J. Fisk	Present		Farndon - CP		D0969/001/01 (825570)	LBAP[CON]	1
<i>Eurhynchium praelongum</i> (Common Feather-moss)	SJ4050	2 records, both in 1988	R.J. Fisk	Present, Present		Farndon - CP		D0969/001/01	LBAP[CON]	1
<i>Columba oenas</i> (Stock Pigeon/Colomen Wyllt)	SJ4052	19/03/2008	Norman Hallas	10		Holt, far S		D1297/002/01 (2462713)	BDir, LBAP[GWY]	1

Important Issues

- 1. Usage of the above information is governed by Cofnod's **Terms and Conditions of Data Release** (available from Cofnod on request).
- 2. Records shown in bold typeface are sensitive species records. In this public version of the original report, the resolution of sensitive species grid references have been reduced and site names and comments have been removed.
- 3. Past records of presence of a habitat or species do not guarantee continued occurrence; absence of records does not imply absence of a species, merely that no records are held at Cofnod; Cofnod cannot guarantee the accuracy of supplied data; copyright of records remains with the original recorder.

Notes

This report should be used in conjunction with any relevant maps, where these are supplied.

Cofnod uses a search system which reports species (usually high priority or protected species) within a specified search radius or buffer. Where required a search will also include high priority 'Mobile Species', such as bats, otters, amphibians and certain invertebrates, which lie outside the specified search radius. These species are highlighted on the report with an **asterisk**. They have been selected as 'Mobile Species' as their territory (possibly due to foraging activity or life cycle) could intersect with the search radius. The list of 'Mobile Species', invasive non-native plant species and species categories used in Cofnod's reporting system can be found at <http://www.cofnod.org.uk/Enquiries.aspx> under the 'Species Categories' tab.

Records with 4 figure grid references are displayed as 1km squares on any relevant maps. They are listed separately in reports and highlighted in grey *italic* script.

Please note that while we hold Wales Raptor Study Group data for North East Wales we are only permitted to release it to a limited number of trusted partners. We can provide contact details if you would like to contact the Raptor Study Group directly to request species information.

Sites - Designated Sites and non-designated Wildlife Sites within 50m of the grid reference are highlighted in red. Wildlife Sites which remain unconfirmed by the relevant Local Authority are given 'Candidate' status and are displayed with the (c) suffix. The following reasons for candidate status apply: 1. Anglesey and Flintshire Wildlife Sites were identified by survey but have not been formally confirmed. 2. Conwy and Gwynedd Wildlife Sites were identified by survey and air photos and remain candidate until evaluated using selection criteria.

Dataset ID - All species records within the reports include Dataset ID codes, which can be used to find the relevant Metadata, using the **Data We Hold** page on the Cofnod website (www.cofnod.org.uk/DataWeHold.aspx). The number below the Dataset ID is the individual record ID. Please quote this if you need more information on a specific record.

'V' column - Record Verification Level. The following abbreviations apply: **1**: Unassessed, **2**: Unconfirmed, **3**: Considered Correct by Cofnod, **4**: Considered Correct by Expert. Dataset Categories and Record Verification Levels are explained in more detail within Cofnod's policy on Data Quality, available from our website.

Maps - This report should be used in conjunction with any relevant maps, where these are supplied. Where Statutory protected sites (e.g. SSSI, SAC, SPA) are displayed on Cofnod maps, more details can be obtained from Countryside Council for Wales. (Visit their website at <http://www.ccw.gov.uk/interactive-maps/official-maps-search.aspx>) Where a Phase 1 Habitat map has been supplied, this illustrates habitats mapped by CCW as part of their Habitat Survey of Wales 1979 to 1997. A separate legend is also supplied.

Lists

BA - Protection of Badgers Act, **BDir** - EU Birds Directive, **Bern** - The Bern Convention on the Conservation of European Wildlife and Natural Habitats, **Bonn** - The Bonn Convention on the Conservation of Migratory Species of Wild Animals, **CCWP** - CCW Priority Species List, **CITES** - Convention on International Trade in Endangered Species, **EPS** - European Protected Species, **HDir** - EU Habitats Directive, **LI** - Locally Important Species, identified by the County Recorder as being of particular importance in the specified Vice-County (see below for a list of Vice-Counties) N.B: Only available for certain species groups and certain areas, **LBAP** - Local Biodiversity Action Plan, **RD1** - Red Data Book listing based on IUCN guidelines, **RD2** - Red Data Book listing not based on IUCN guidelines (Nationally Rare and Scarce), **S42** - Natural Environment and Rural Communities Act 2006 (Section 42), **UKBAP** - UK Biodiversity Action Plan Priority Species, **WBAm[RSPB]** - Birds of Conservation Concern 2002-07 - Welsh Amber listed birds (not based on IUCN criteria), **WBR[RSPB]** - Birds of Conservation Concern 2002-07 - Welsh Red listed birds (not based on IUCN criteria), **WCA1** - Wildlife & Countryside Act 1981 Schedule 1, **WCA5** - Wildlife & Countryside Act 1981 Schedule 5, **WCA8** - Wildlife & Countryside Act 1981 Schedule 8, **WVP** - IUCN Threat Listing of Welsh Vascular Plants

Abbreviations

ANG - Isle of Anglesey, **CON** - Conwy, **DEN** - Denbighshire, **FLI** - Flintshire, **GWY** - Gwynedd, **SNP** - Snowdonia National Park, **WRE** - Wrexham, **LBAP** - Local Biodiversity Action Plan, **NWWT** - North Wales Wildlife Trust, **RSPB** - Royal Society for the Protection of Birds, **RIGS** - Regionally Important Geodiversity Sites, **WS** - Wildlife Site

Vice-Counties

48 - Meirionethshire, **49** - Caernarfonshire, **50** - Denbighshire, **51** - Flintshire, **52** - Anglesey

Contact Us

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APPENDIX C:
Phase 1 Survey Form and Target Note Report



PHASE 1 HABITAT SURVEY

General Details:

Site Name	Plot 1A Wrexham industrial estate		
Job Number	3041	Doc. Ref.	3041.002
Site Location	Wrexham industrial estate, Wrexham		
Date(s)	16 th August 2011		
Surveyor(s)	Tim Ross CEnv MIEEM with Emma Pickering assisting.		
Weather	Mostly dry and sunny with periods of light showers		
Constraints	No constraints, the survey was undertaken in the optimal survey season.		
Methods	JNCC Phase 1 Habitat Survey (2007)		
Drawing Ref.	D3041.001	Target Notes	3041.003

	Written	Checked	Authorised
Initial	EP	TR	TR

Satellite map of the site:



Survey Results:

Habitat Type	Protection	Target Note(s)
Plantation/broad-leaved woodland		TN1
There is a small strip of plantation/broad-leaved woodland along the eastern field boundary, and a larger linear section which lies parallel to Bryn Lane along the western boundary. The woodland has a mixed age-range and contains naturally seeded and planted specimens including ash (<i>Fraxinus excelsior</i>), alder (<i>Alnus glutinosa</i>), poplar (<i>Populus tremula</i>) and London plane tree (<i>Platanus acerifolia</i>). The understory contains tall ruderal, scrub and dead wood.		
Scattered broad-leaved trees		
Mature broad-leaved trees of various ages were present at various points on the site, the majority were found around the field boundaries and the security office.		
Continuous scrub		TN2
Patches of scattered willow (<i>Salix</i> sp.), blackthorn (<i>Prunus spinosa</i>), hawthorn (<i>Crataegus monogyna</i>) and bramble (<i>Rubus fruticosus</i> agg.) scrub can found in a number of locations throughout the survey area, mainly adjacent to the eastern field boundaries.		
Mesotrophic neutral grassland		TN7
The majority of this portion of the site was made up of mesotrophic grassland, located within the centre of the field and up to the field boundaries. The area contains tall grasses and herbs, species dominated by false oat grass (<i>Arrhenatherum elatius</i>), spear thistle (<i>Cirsium vulgare</i>), Yorkshire fog (<i>Holcus lanatus</i>), great willowherb (<i>Epilobium hirsutum</i>) and creeping buttercup (<i>Ranunculus repens</i>). The grassland appears to be unmanaged and consequently the vegetation is dense.		
Semi-natural woodland		TN8
Also running parallel with the eastern field boundary there is a patch of semi-natural woodland, which is located inbetween patches of land considered to be scrub. This is dominated by white willow (<i>Salix alba</i>), alder (<i>Alnus glutinosa</i>) and silver birch (<i>Betula pendula</i>).		
Tall ruderal		
Within the meotrophic grassland there are numerous patches of tall ruderal herbs. These are dominated by spear thistle (<i>Cirsium vulgare</i>), hogweed (<i>Heracleum sphondylium</i>), and nettle (<i>Urtica dioica</i>). There was also an area of tall ruderals to the south eastern quarter; along a fence line that backs onto hardstanding.		
Amenity grassland		
Amenity grassland is located in the north eastern corner surrounding the first pond. This continues south bordering the entrance road to the industrial estate. The land surrounding the second and larger of the ponds, located next to the security office, is also considered to be managed amenity grassland.		
Hedgerows	UKBAP	TN4
Along the western boundary of the field, within the south western corner is the only hedgerow within the site concerned. It is a species-poor intact hedgerow, consisting only of blackthorn (<i>Prunus spinosa</i>), hawthorn (<i>Crataegus monogyna</i>) and occasional field maple (<i>Acer maples</i>) sections. The hedgerow itself backs onto Bryn Lane; acting as a buffer. The hedgerow does not qualify as 'Important' under the Hedgerows Regulations (1997).		
Open water	UK BAP	TN5&6
There are two water bodies located along the northern side, each of which contained standing water (Pond A and Pond C). The smaller of the two (TN6 or Pond A) is located at		

Habitat Type	Protection	Target Note(s)
the edge of the entrance to the industrial site, and the second (TN5 or Pond C) is slightly larger and is positioned in the north eastern corner next to the security office. Both ponds are surrounded by amenity grassland with stands of tall ruderals in close proximity on their side facing the boundary side. The first smaller pond (Pond A) is heavily vegetated although with only a few different species, the other has a richer species list but positioned more around the perimeter along the banks. There was also a marshy area of ground half way along the northern edge, which although now dried out was thought to have potentially been a pond in the past.		
Swamp		TN5&6
There are stands of greater reed-mace <i>Typha latifolia</i> within both Pond A and Pond C.		

Additional Notes:

While undertaking the phase 1 survey a number of birds were recorded including wren, great tit, swallow, dunnock, house martin, great spotted woodpecker and sparrowhawk. The site is thought to have possible potential to be a nesting habitat for sparrowhawk, due to the regular calls heard while on site. The meadow brown butterfly's presence was also noted within the mesotrophic grassland.

Summary:

The majority of the site is considered unmanaged, mesotrophic grassland with patches of tall ruderals. It is surrounded with continuous areas of dense scrub and woodland; both plantation and semi-natural. There are two ponds on site along the northern boundary (Pond A and Pond C), with evidence of a third although it was dried out at time of survey (Pond B). The most frequently observed species within the grassland area were false oat grass (*Arrhenatherum elatius*), spear thistle (*Cirsium vulgare*), Yorkshire fog (*Holcus lanatus*), great willowherb (*Epilobium hirsutum*) and creeping buttercup (*Ranunculus repens*). In terms of tree species ash (*Fraxinus excelsior*) and poplar (*Populus tremula*) were the most dominant in the area.

The ponds and the surrounding area provided no evidence of water vole presence; the habitat was considered to be sub-optimal. Desktop records show no sightings within 2km from the site.

A thorough survey of the ponds on site for great crested newts was undertaken in June 2010. Results demonstrated their presence in all three of the ponds found within the area concerned within this survey (Ponds A, B and C). Desktop evidence supports these findings with many great crested newt records in close vicinity to the site. Due to lack of rainfall this year one of these ponds is now dry (Pond B) and therefore has no potential to support breeding great crested newts. However newts may still be present within the other two ponds still containing water. A single smooth newt larvae was found in Pond C during the Phase 1 Habitat survey.

None of the trees in Plot 1 were assessed as having low potential to support roosting bats due to lack of crevices and peeling bark. Survey results from June 2010 however, support this conclusion with foraging activity of Pipistrelle 45, pipistrelle 55 and noctule bats been seen but in to low concentrations for there to be a roost.

Target Notes Report

WREXHAM

Target Note WREXHAMT001

Broad leaved plantation

<i>Populus sp.</i>	Poplar species	A
<i>Platanus x hispanica</i>	London Plane	A
<i>Festuca rubra</i>	Red Fescue	A
<i>Salix alba</i>	White Willow	F
<i>Glechoma hederacea</i>	Ground-ivy	F
<i>Urtica dioica</i>	Nettle	F
<i>Rubus fruticosus agg.</i>	Bramble	F
<i>Fraxinus excelsior</i>	Ash	F
<i>Holcus lanatus</i>	Yorkshire-fog	O
<i>Rumex crispus</i>	Curled Dock	O
<i>Crataegus monogyna</i>	Hawthorn	O

D = Dominant, A = Abundant, F = Frequent, O = Occasional, R = Rare (within the target note area).

Target Note WREXHAMT002

Areas of scrub land

<i>Crataegus monogyna</i>	Hawthorn
<i>Chaerophyllum temulem</i>	Rough Chervil
<i>Sambucus nigra</i>	Elder
<i>Prunus spinosa</i>	Blackthorn
<i>Rubus fruticosus agg.</i>	Bramble

D = Dominant, A = Abundant, F = Frequent, O = Occasional, R = Rare (within the target note area).

Target Note WREXHAMT003

Area of scrub on the east side of the site.

<i>Sambucus nigra</i>	Elder
<i>Geranium robertianum</i>	Herb-Robert
<i>Rubus fruticosus agg.</i>	Bramble
<i>Epilobium hirsutum</i>	Great Willowherb
<i>Rumex crispus</i>	Curled Dock
<i>Urtica dioica</i>	Nettle
<i>Salix cinerea ssp. cinerea</i>	Grey Willow
<i>Crataegus monogyna</i>	Hawthorn

D = Dominant, A = Abundant, F = Frequent, O = Occasional, R = Rare (within the target note area).

Target Note WREXHAMT004

Hedgerow across the north side of the site.

<i>Prunus spinosa</i>	Blackthorn
<i>Crataegus monogyna</i>	Hawthorn
<i>Acer campestre</i>	Field Maple
<i>Alnus glutinosa</i>	Alder

D = Dominant, A = Abundant, F = Frequent, O = Occasional, R = Rare (within the target note area).

Target Note WREXHAMT005

Large pond by security office

<i>Azolla filiculoides</i>	Water-fern
<i>Nymphoides peltata</i>	Fringed Water-lily
<i>Lemna trisulca</i>	Ivy-leaved Duckweed
<i>Typha latifolia</i>	Greater Reedmace

Target Notes Report Cont...

Juncus inflexus
Juncus effusus
Lemna minor

Hard Rush
Soft Rush
Common Duckweed

D = Dominant, A = Abundant, F = Frequent, O = Occasional, R = Rare (within the target note area).

Target Note WREXHAMT006

Smaller pond on the north east corner of the site.

Iris germanica
Typha latifolia
Lemna minor
Apium nodiflorum
Solanum dulcamara
Epilobium ciliatum
Lycopus europaeus

Iris cultivar
Greater Reedmace
Common Duckweed
Fool's Watercress
Bittersweet
American Willowherb
Gypsywort

A
F
F
F
O
O
O

D = Dominant, A = Abundant, F = Frequent, O = Occasional, R = Rare (within the target note area).

Target Note WREXHAMT007

Large area of unmanaged mesotrophic grassland.

Arrhenatherum elatius
Festuca rubra
Dactylis glomerata
Ranunculus repens
Elytrigia atherica
Epilobium hirsutum
Senecio jacobaea
Cirsium vulgare
Crataegus monogyna
Holcus lanatus
Galium aparine
Achillea millefolium
Heracleum sphondylium
Anthoxanthum odoratum
Centaurea nigra
Ranunculus acris
Cerastium fontanum
Urtica dioica
Rumex crispus
Taraxacum officinale agg.
Epilobium ciliatum
Rubus fruticosus agg.
Senecio vulgaris
Quercus robur

False Oat-grass
Red Fescue
Cock's-foot
Creeping Buttercup
Sea Couch
Great Willowherb
Ragwort
Spear Thistle
Hawthorn
Yorkshire-fog
Cleavers
Yarrow
Hogweed
Sweet Vernal-grass
Knapweed
Meadow Buttercup
Common Mouse-ear
Nettle
Curled Dock
Dandelion
American Willowherb
Bramble
Groundsel
English Oak

D
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A
F
F
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O
O
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O
O
O
O
O
R
R

D = Dominant, A = Abundant, F = Frequent, O = Occasional, R = Rare (within the target note area).

Target Note WREXHAMT008

Semi-natural woodland

Alnus glutinosa
Betula pendula
Salix alba

Alder
Silver Birch
White Willow

D = Dominant, A = Abundant, F = Frequent, O = Occasional, R = Rare (within the target note area).

DRAWING



- Key**
- Plot 1A
 - Plot 1B
 - Broad-leaved plantation
 - Continuous scrub
 - Semi-natural broad-leaved woodland
 - Scattered scrub
 - Mesotrophic neutral grassland
 - Tall ruderals
 - Hardstanding
 - Building
 - Species poor hedge
 - Bare ground
 - Amenity grassland
 - Target note

- Species list**
- Ag - *Alnus glutinosa*
 - Cm - *Crataegus monogyna*
 - Cv - *Cirsium Vulgare*
 - Eh - *Epilobium hirsutum*
 - Fe - *Fraxinus excelsior*
 - HI - *Holcus lanatus*
 - Hs - *Hieracium Sphondylium*
 - Ps - *Orunus spinosa*
 - Rf - *Rubus fruticosus*
 - Rr - *Ranunculus repens*
 - Ud - *Urtica dioica*

Rev	Description	Drawn	Approved	Date
		Genesis Centre Birchwood Science Park Warrington WA3 7BH Tel 01925 844004 Fax 01925 844002 e-mail tep@tep.uk.com		
Project				
Plot 1 Bryn Lane, Wrexham Industrial Estate				
Title				
Phase 1 Habitat Survey				
Drwg No		D3041.001		
Scale		1:1000 @ A3		Date 23/08/11
Drawn	CZ	Checked	TR	Approved TR