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**Unit 23, The Malthouse Business Centre,
Regent Street, Llangollen, Denbighshire, LL20 8HS
01978 860889**

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Quality Assurance

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1.0	10/12/20	Tom Knight	Max Ellison	Max Ellison

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The evaluation and assessment provided in this report is specific to the iteration of the proposal detailed in *Section 1*. It would no longer be valid should the layout be changed in anyway, should the report be used for a different proposal at the same site or should it be used a maximum of 12 months after the date of issue.

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Figure 1 – Extended Phase 1 Habitat Survey

1 INTRODUCTION

1.1 Project Background

1.1.1 Marches Ecology was commissioned by Rossett Community Council to undertake an Ecological Appraisal of land off The Green, Rossett, Wrexham (Approximate OS Grid Ref. SJ 369 574). This Ecological Appraisal comprised an ecological background data search and an Extended Phase 1 Habitat Survey. This report is required to provide supporting information to a planning application for a new community centre with car park.

1.1.2 This report has three key aims:

- to provide an initial appraisal of the ecological value of the site and local ecological resource and thereby identify ecological constraints relevant to the proposal;
- to identify further surveys that may be required; and
- to identify potential mitigation/ compensation measures where possible along with opportunities to deliver ecological enhancement.

The structure of this Ecological Appraisal is based on the guidance provided in the Chartered Institute of Ecology and Environmental Management (CIEEM) documents CIEEM (2017a) and CIEEM (2017b).

1.2 Report Author

1.2.1 This report was produced by Tom Knight of Marches Ecology. Tom Knight is an ecologist with over twenty years of consultancy experience and has undertaken Extended Phase 1 Habitat Surveys on a wide range of sites. His relevant academic qualifications and professional memberships are as follows:

- Chartered Environmentalist (Society for the Environment).
- Full Member of the Chartered Institute of Ecology and Environmental Management (CIEEM).
- PgDip Conservation Management.
- BSc (Hons) Environmental Studies.
- C&G Biological Surveying.

1.3 Site Description and Context

1.3.1 The survey site extends to approximately 0.36 hectares. It is part of a larger public park towards the centre of Rossett village that is roughly triangular in shape. This park is directly bordered to the west by the B5445 road, to the northeast by The Green and to the southeast by the B5102 road. The northeast and southeast boundaries are fenced while there is a hedge along the western boundary.

1.3.2 The survey site is largely bordered on all sides by residential housing. Rossett Hall Hotel and some residential properties with large gardens are located to the west of the B5445. There are a number of large, mature trees in this area. Further to the west and north is open agricultural land including both pasture and arable. The public park extends to the south of the survey site.

1.3.3 The survey site largely comprises amenity grassland with a play area covered with bark chippings. There is a small ex-toilet block in the northern corner and a number of young to mature trees largely close to the boundaries.

1.4 The Proposal

1.4.1 The proposed development concerns demolition of the existing toilet block along with construction of a new Community Centre. A small car park would be provided with vehicular access off The Green. An existing play area would be re-located. The layout for the proposed development is shown on a GBS Design Services plan entitled '*Proposed Block Site Plan*', dated 2nd November 2020. Further information on the new building is included on the following GBS Design Services plans:

- '*Proposed Front and Rear Elevations 6*', dated 23rd September 2020.
- '*Proposed Ground Floor Plan 6*', dated 23rd September 2020.
- '*Proposed Left and Right Elevations 6*', dated 23rd September 2020.

1.4.2 No further detail with regards the proposed development has been provided at this stage.

1.5 Planning Policy

Introduction

1.5.1 This section provides a brief summary of key national and local planning policies. It is not a comprehensive review of all such planning policy, the intention being to identify those considered to be of most relevance to ecology and provide context for the proposal.

Wales

Planning Policy Wales

1.5.2 Planning Policy Wales (PPW) sets out national land use planning policies (Welsh Government 2018). Chapter 6 is of particular relevance (though it is complementary to other themes within the document) and is entitled 'Distinctive and Natural Places'.

With specific reference to development proposals the following key statement is made:

'Development plan strategies, policies and development proposals must consider the need to:

- *support the conservation of biodiversity, in particular the conservation of wildlife and habitats;*
- *ensure action in Wales contributes to meeting international responsibilities and obligations for biodiversity and habitats;*
- *ensure statutorily and non-statutorily designated sites are properly protected and managed;*
- *safeguard protected and priority species and existing biodiversity assets from impacts which directly affect their nature conservation interests and compromise the resilience of ecological networks and the components which underpin them, such as water and soil, including peat; and secure enhancement of and improvements to ecosystem resilience by improving diversity, condition, extent and connectivity of ecological networks'.*

Furthermore, it states that:

- *'It is important that biodiversity and resilience considerations are taken into account at an early stage in both development plan preparation and when proposing or considering development proposals'.*
- *'The planning system has a key role to play in helping to reverse the decline in biodiversity and increasing resilience of ecosystems, at various scales, by ensuring*

appropriate mechanisms are in place to both protect against loss and to secure enhancement’.

- *‘Where adverse effects on the environment cannot be avoided or mitigated, it will be necessary to refuse planning permission’.*

Use of the mitigation hierarchy is emphasised:

‘Planning authorities must follow a stepwise approach to maintain and enhance biodiversity and build resilient ecological networks by ensuring that any adverse environmental effects are firstly avoided, then minimized, mitigated, and as a last resort compensated for; enhancement must be secured wherever possible’.

- 1.5.3 Areas that Chapter 6 covers include biodiversity and resilience of ecosystems duty, designated sites, maintaining and enhancing biodiversity, protected species, specific habitats/ areas, sustainable drainage systems (SuDS) and de-risking development.

Technical Advice Note 5

- 1.5.4 PPW is supplemented by a series of Technical Advice Notes (TAN). TAN 5 covers 'Nature Conservation and Planning' (Welsh Government 2009). It provides advice to local planning authorities on how the land use planning system should contribute to protecting and enhancing biodiversity and geological conservation. It includes chapters covering the key principles of planning for nature conservation; the preparation and review of development plans; nature conservation in development control procedures; the conservation of internationally and nationally designated sites, habitats and local sites; and the conservation of protected and priority habitats and species.

- 1.5.5 In paragraph 2.4 it states that *‘...when deciding planning applications that may affect nature conservation, local planning authorities should:*
- *pay particular attention to the principles of sustainable development, including respect for environmental limits, applying the precautionary principle, using scientific knowledge to aid decision making and taking account of the full range of costs and benefits in a long term perspective (PPW 2.2.1¹);*
 - *contribute to the protection and improvement of the environment, so as to improve the quality of life and protect local and global ecosystems, seeking to avoid irreversible harmful effects on the natural environment (PPW 2.3.2);*
 - *promote the conservation and enhancement of statutorily designated areas and undeveloped coast (PPW 2.3.2);*
 - *ensure that appropriate weight is attached to designated sites of international, national and local importance (PPW 5.3.2);*
 - *protect wildlife and natural features in the wider environment, with appropriate weight attached to priority habitats and species in Biodiversity Action Plans (PPW 5.2);*
 - *ensure that all material considerations are taken into account and decisions are informed by adequate information about the potential effects of development on nature conservation (PPW paragraphs 5.5.1 and 5.5.2);*
 - *ensure that the range and population of protected species is sustained (PPW 5.2.3, 5.5.11 and 5.5.12);*
 - *adopt a step-wise approach to avoid harm to nature conservation, minimise unavoidable harm by mitigation measures, offset residual harm by compensation measures and look*

¹ References to the relevant part of PPW.

for new opportunities to enhance nature conservation; where there may be significant harmful effects local planning authorities will need to be satisfied that any reasonable alternative sites that would result in less or no harm have been fully considered (PPW 5.2.2, 5.2.7 and 5.5.2).

Wrexham

- 1.5.6 Local planning authorities will consider biodiversity/ nature conservation issues in accordance with adopted policies and plans. The following are considered of particular relevance to the proposal.

Wrexham Unitary Development Plan

- 1.5.7 The Wrexham Unitary Development Plan (UDP) was adopted in February 2005. It will be replaced by the Local Development Plan. The UDP '*...provides a framework for local decision making and the reconciliation of development and conservation interests...*'.

Relevant strategic and general development policies include:

- *Policy PS2. Development must not materially detrimentally affect countryside, landscape/townscape character, open space, or the quality of the natural environment.*
- *Policy PS11. Encouragement will be given to proposals which improve the biodiversity value of sites and to the establishment of local nature reserves where the nature conservation and landscape interest of the land will be protected and enhanced.*
- *Policy GDP1f). Ensure the safety and amenity of the public and safeguard the environment from the adverse effects of pollution of water, land or air, hazards from industry and quarrying, and associated noise, odour or vibration arising from development.*
- *Policy GDP1h). Safeguard sites and areas of nature conservation and wildlife interest, and to provide new habitats where there is an unavoidable loss of existing habitats and areas of wildlife interest.*

Section 5 of the UDP concerns 'Environment and Conservation'. The relevant policies listed are as follows:

- *Policy EC4. Development proposals should provide for the conservation and management of hedgerows, trees, orchards, woodland, wildlife and other natural landscape and water features, and include new planting in order to enhance the character of the landscape and townscape. Development which results in the loss or significant damage to valuable trees, important hedgerows or ancient woodland sites will not be permitted.*
- *Policy EC6. Development either within or close to sites of biodiversity interest will only be permitted where it can be clearly demonstrated that the need for the development outweighs the need to safeguard the intrinsic nature conservation value of the site. Where such development is permitted, damage should be kept to a minimum, and compensatory measures should be provided. Measures to improve the biodiversity value of sites and enhance their natural conservation interest and landscape quality including the establishment of local nature reserves, will be supported.*
- *Policy EC13. Development which would result in an unacceptable adverse impact on the water environment due to additional surface water run-off will not be permitted.*

- *Policy EC14. Development which would have an unacceptable adverse impact upon the capacity, flow, quality or availability of controlled waters and associated land will not be permitted.*

Local Planning Guidance

- 1.5.8 Wrexham County Borough Council (WCBC) has produced a series of supplementary planning guidance documents which set out detailed advice on the way in which Development Plan policies will be applied. Supplementary planning guidance is a material consideration in the determination of planning applications for development. The following Local Planning Guidance (LPG) notes are of particular relevance:
- LPG 17 Trees and Development. Adopted September 2000, Updated December 2012. Provides further advice in relation to UDP policy EC4.
 - LPG 32 Biodiversity and Development. Adopted March 2011. Provides further advice in relation to UDP policies PS2, PS11, EC4 and EC6. Of particular importance it details the requirements for ecological survey and reporting.
- 1.5.9 The Wrexham Biodiversity Action Plan (WBAP) is also listed as supplementary planning guidance on the WCBC website. This reference is out-of-date, the WBAP has been archived and is no longer available.

1.6 Legislation

Introduction

- 1.6.1 This sub-section provides a brief summary of key legislation relevant to ecology/ nature conservation and the development. It should not be considered a comprehensive review and is not meant to be so. It is provided here for information only and is not intended to replace specialised legal advice. It does not replace the text of the legislation but summarises the salient points. Further information on how this legislation affects the protection of particular species is provided in *Appendix 1*.

The Conservation of Habitats and Species Regulations 2017 (The Regulations)

- 1.6.2 Transposes the *EC Directive 92/43/EEC on the Conservation of Natural Habitats and of Wild Fauna and Flora 1992* into UK law. The Regulations provide for the protection of sites in the UK that support habitats and species of European importance (e.g. Special Protection Areas (SPAs) and Special Areas of Conservation (SACs)). The Regulations also provide full protection for certain species which are frequently referred to as European Protected Species (EPS). EPS of potential relevance to the site include bats and Great Crested Newt (*Triturus cristatus*).

The Wildlife and Countryside Act 1981, as amended (WCA)

- 1.6.3 The WCA strengthened protection for nature conservation sites of at least national importance and provides varying levels of protection for a number of species within the UK. This protection may include prohibition of some or all of: killing, injuring, disturbing, taking, sale/barter or possession of species and also protection of breeding/ sheltering places. The following species/ species groups that receive some level of protection under the WCA and are of potential relevance to the proposal include Badger (*Meles meles*), bats, Great Crested Newts and birds. The WCA also prohibits the spread of certain non-native invasive species.

The Countryside and Rights of Way Act 2000 (The CROW Act)

- 1.6.4 The CROW Act includes legislation in relation to the Biodiversity Action Plan; more stringent management, protection and consenting measures for SSSIs; greater penalties for wildlife crime; and greater protection for species listed in the WCA. Some of this legislation was superseded by the NERC Act.

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

- 1.6.5 *Sections 40 to 42 of the NERC Act replace Section 74 of the CROW Act. Section 40 of the NERC Act extends to all public authorities (including local planning authorities) the existing Section 74 duty to have regard to biodiversity as far as is consistent with the proper exercise of their functions. In addition, Sections 41 (England) and 42 (Wales) provide a list of species and habitats of principal importance for conservation of biological diversity. Government has a statutory duty to promote steps “to further the conservation” of habitats and species listed in Sections 41 and 42.*

Environment (Wales) Act 2016

- 1.6.6 The Environment Act enhances and replaces the current NERC Act (*Section 40*) duty to require all public authorities, when carrying out their functions in Wales, to seek to ‘maintain and enhance biodiversity’ where it is within the proper exercise of their functions. In doing so, public authorities must also seek to ‘promote the resilience of ecosystems’. *Section 7* of the Environment Act provides a list of the living organisms and habitats of principal importance for the purpose of maintaining and enhancing biodiversity in Wales. This list replaces that previously provided in *Section 42* of the NERC Act.

The Protection of Badgers Act 1992 (The Badgers Act)

- 1.6.7 The Badgers Act provides for the protection of Badgers and their setts. This legal protection is provided for welfare rather than the conservation value of the species.

2 METHODOLOGY

2.1 Desk Study

2.1.1 A desk study was undertaken to provide background information on the ecological status of the survey site and its surroundings (a 1 km search area centred on the site was defined). Information was requested from Cofnod. Information sought included designated (nature conservation) sites, Ancient Woodland/ other habitats, legally protected species and other species of nature conservation interest. In addition, contextual information available on the MAGIC environmental database (<http://magic.defra.gov.uk/>) was consulted.

2.1.2 Cofnod provide two sets of records – a ‘Confidential’ set which is not authorised for release into the public domain, and a ‘Public Version’ where the accuracy of some of the grid references has been reduced. The Confidential data set has been issued to the client as part of this study; ‘Public Version’ records are utilised in this document (the full report of which is provided as *Appendix 2*).

2.2 Field Survey

Extended Phase 1 Habitat Survey

2.2.1 The Extended Phase 1 Habitat Survey was carried out on 24th November 2020 by Tom Knight of Marches Ecology. The Extended Phase 1 Habitat plan is provided as *Figure 1*. The survey focussed on land within the site boundary (the ‘survey site’, refer to *Figure 1*). The survey site includes a larger area of land than the proposed development site. Immediately adjacent habitat was considered where deemed appropriate and viewed from the survey site boundary where possible. The weather during the survey was 75-100% cloud cover with some spells of bright sunshine and a moderate breeze.

2.2.2 Phase 1 Habitat Survey involves identifying areas or features of particular interest either in terms of their botanical interest, and/or habitat potential for protected or other notable species that are likely to occur in the region and within the survey site. The Phase 1 Habitat Survey has been adapted in this instance as an ‘extended’ Phase 1 Habitat Survey, where more information has been obtained to inform site assessment. The methods used centre on the Phase 1 Habitat Survey approach (JNCC 2010) as extended for use in Environmental Impact Assessment (Institute of Environmental Assessment 1995). Extended Phase 1 Habitat Survey involves the following elements:

- Habitat mapping using a set of standard colour codes to indicate habitat types on a Phase 1 Habitat map.
- Description of features of ecological or nature conservation interest in notes relating to numbered locations on the Phase 1 Habitat map, called target notes.

2.2.3 In addition to the habitat map and target notes, a plant species list was compiled (provided in *Table 1, Section 8*). Plant nomenclature in this report follows Stace (2010). November is outside the accepted survey period for Extended Phase 1 Habitat Surveys. It is unrealistic to suppose that walk-through surveys can generate completely exhaustive species lists at any time of year. It is considered that the list in this report indicates the character of the vegetation and the ecological value of the area inspected.

2.2.4 Further information describing the assessment conducted during the Extended Phase 1 Habitat Survey for particular species is provided briefly below:

- Badger. Areas within the survey site that might be used by Badger for foraging and sett building were assessed. Incidental foraging signs, tree scratching, paths, latrines and setts were recorded if found (Harris *et al.*, 1989).
- Bats. The potential value of the habitat for foraging/ commuting and roosting was assessed in accordance with *Table 4.1* provided in Collins (2016).
- Great Crested Newts. The quality of terrestrial and aquatic habitat for Great Crested Newts was assessed. The assessment of aquatic habitat was based on the Habitat Suitability Index (Oldham, *et al.* 2000).
- Birds. The habitat within the survey site was assessed for its potential value for breeding birds based on guidance provided in *e.g.* JNCC (2004).

2.3 Survey Limitations

2.3.1 The following may be considered survey limitations:

- The Extended Phase 1 Habitat Survey was undertaken outside the recognised survey period. Some flowering plants will not have been visible.
- The survey site is within a public park - evidence of use of the survey site by protected/ notable species may be obscured due to high levels of human activity.

None of the survey limitations listed above significantly affected the findings of the survey and therefore the conclusions and prescribed mitigation measures. The survey was conducted in accordance with a Covid-19 Risk Assessment. This did not give rise to any limitations at this site.

2.4 Evaluation

2.4.1 The ecological importance (value) of habitats and/or species is often assessed according to a number of widely used criteria of which perhaps the most frequently used are naturalness, extent, rarity, and diversity. For the purpose of this report the ecological importance of the habitat and species present on the site has been determined using the approach detailed in CIEEM (2018). Geographical context is used as a frame of reference for identifying the importance of ecological features. The frame of reference has the following categories: International/ European - National - Regional - Metropolitan/County/Vice-county/ other local-authority wide area - Local. Within this report Local is defined as relating to district or parish; less than local refers to features of value at a Site level.

2.4.2 Broadly speaking habitat importance should be determined by identifying designated sites, 'priority habitats' (as defined in CIEEM, 2017a) or by using published, ideally local, site selection criteria. The ecological importance of a species considers its distribution and legal or conservation status, the latter is mostly due to inherent rarity. 'Priority species' are also defined in CIEEM (2017a) and include legally protected species as well as those identified on various conservation lists.

3 BASELINE ECOLOGICAL CONDITIONS

3.1 Protected Sites

Statutory

- 3.1.1 There are no statutory designated sites within 1 km of the survey site. The closest such site is Marford Quarry Site of Special Scientific Interest (SSSI). The closest part of this designated site is located approximately 1.49 km to the southwest at the nearest part of its boundary.
- 3.1.2 The River Dee and Bala Lake/ Afon Dyfrdwy a Llyn Tegid SSSI/ River Dee and Bala Lake Special Area of Conservation (SAC) is located approximately 3.21 km to the east at the nearest part of its boundary.

Non-statutory

- 3.1.3 There is one non-statutory designated site within 1 km of the survey site: Darland Wood Wildlife Site (WS). It is located approximately 863 m to the northeast at the nearest part of its boundary. This WS is a mixed broad-leaved woodland with a large pond.
- 3.1.4 There are no areas of Ancient Semi-natural Woodland (ASNW)/ Restored Ancient Woodland Sites (RAWS) within 1 km of the survey site.

3.2 Habitats and Flora

Introduction

- 3.2.1 The Extended Phase 1 Habitat map is provided as *Figure 1*. The Target Notes (numbered 1 to 6a) are provided in *Section 6* and shown on *Figure 1*.

Trees and Shrubs

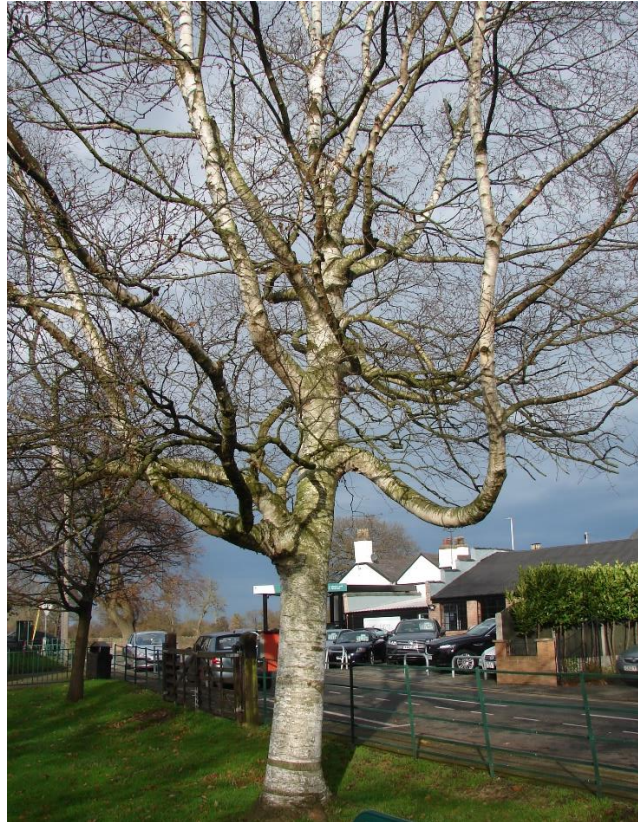
- 3.2.2 There are a number of trees and shrubs, mostly planted ornamental, scattered throughout the survey site, though mostly adjacent to the site boundaries. There is a line of young trees close to the northwest boundary including the *Salix ×sepulcralis* (Weeping Willow) at *Target Note 3*. There is also a very large, mature *Crataegus monogyna* (Hawthorn) in the northwest boundary at *Target Note 4*.
- 3.2.3 There are a number of young and mature trees adjacent to the southeast boundary (*Target Notes 6, 6a and 6b*) and the northeast boundary (*Target Notes 6c and 6d*). Some of these trees are large, mature specimens (*Target Notes 6 and 6a*) and include *Fagus sylvatica* (Beech), *Acer pseudoplatanus* (Sycamore), *Aesculus hippocastanum* (Horse-chestnut) and *Tilia ×europaea* (Common Lime). Adjacent to the northeast boundary there are two semi-mature *Prunus* sp. (Cherry) trees (*Target Note 6b*), a semi-mature *Betula pendula* (Silver Birch) (*Target Note 6c*) and a young *Quercus robur* (Pedunculate Oak) (*Target Note 6d*).



The trees at *Target Notes 6 and 6a.*



The trees at *Target Note 6a.*



The Birch tree at *Target Note 6c* with the Oak at *Target Note 6d* (left-hand background).

Hedgerow

- 3.2.4 The northwest survey site boundary is formed by a hedgerow (*Target Note 2*). It is managed to approximately 2 m high and 2-3 m wide. It contains abundant Hawthorn, frequent Sycamore, locally frequent *Ilex aquifolium* (Holly), and small amounts of *Sambucus nigra* (Elder) and *Ligustrum vulgare* (Wild Privet). Some short gaps have been planted with Hawthorn and Holly. The base is largely dominated by *Hedera helix* (Ivy).



The hedgerow at *Target Note 2*.

Grassland

- 3.2.5 The survey site is largely characterised by amenity grassland (*Target Note 5*). It is dominated by *Lolium perenne* (Perennial Rye-grass) with frequent *Ranunculus repens* (Creeping Buttercup), *Agrostis capillaris* (Common Bent), *Holcus lanatus* (Yorkshire-fog), *Bellis perennis* (Daisy), locally frequent *Trifolium repens* (White Clover) and occasional *Ranunculus bulbosus* (Bulbous Buttercup).



View from eastern corner towards toilet block.



View from southwest end of survey site looking northeast.

Other Habitat

- 3.2.6 The ex-toilet block is described at *Target Note 1*. Further detail is provided below under 'bats'.
- 3.2.7 There is a play area towards the centre of the survey site which is laid to bark chippings.

Flora

- 3.2.8 No notable plants were recorded during the survey. None of the plant records provided by Cofnod are from within the survey site and there are no particularly notable records of relevance from the 1 km search area.
- 3.2.9 A planted Cotoneaster was recorded towards the eastern survey site corner. No other species of plant listed in *Schedule 9* of the *Wildlife and Countryside Act 1981* were recorded.
- 3.2.10 Several species of plant listed in *Schedule 9* of the *Wildlife and Countryside Act 1981* have been recorded from the 1 km search area. Cofnod provided records of four *Schedule 9* species including *Impatiens glandulifera* (Indian Balsam), *Fallopia japonica* (Japanese Knotweed), *Rhododendron ponticum* (Rhododendron) and *Lamium galeobdolon* subsp. *argenteum* (Variegated Yellow Archangel).

3.3 Species/ Species Groups**Badgers**

- 3.3.1 No setts were recorded within the survey site. Opportunities for sett excavation within the survey site are largely limited to beneath the hedgerow (e.g. *Target Note 2*). However, the survey site is subject to relatively high levels of human activity.
- 3.3.2 No evidence of Badger activity was recorded from the survey site. The amenity grassland within the survey site provides habitat of moderate potential value for foraging.
- 3.3.3 Cofnod provided a number of records of Badger from the 1 km search area, several of which are for setts. The closest sett is from approximately 660 m away from the survey site (and comprises a sett with four entrances recorded in 2017).

Bats*Building*

- 3.3.4 There is a single storey toilet block and store towards the northern end of the survey site (*Target Note 1*). It has rendered block/ brick-work elevations with a pitched, concrete-tiled roof. There appear to be two small roof spaces at the northwest and southeast end. The central portion, above the store, is open to the roofing felt/ polystyrene insulation.
- 3.3.5 There are no external lights fitted to the building. There are streetlights on The Green and the B5445. The car showroom to the north has three floodlights fitted.
- 3.3.6 Further information on the elevations is as follows:
- Northeast elevation - There are two small gaps beneath the tiles at the gutter, due to mortar shrinkage and possible gaps in the mortar beneath the ridge-tiles. The soffit-box is well sealed. Five small windows.
 - Northwest elevation - All well sealed. No windows.
 - Southwest elevation - There are thirteen tiles where there is mortar missing at the gutter. This provides potential access between the tiles and the bitumen roofing felt. A couple of these holes had been used by nesting birds and a female House Sparrow (*Passer*

domesticus) was observed entering one of the holes, presumably prospecting. There are also three apparently built-in bird-boxes at approximately 2.5 m above ground level (or holes drilled into the block cavity to provide the same). The soffit box is well sealed. Four small windows.

- Southeast elevation - All well sealed. No windows.

Some of the features described above are considered to be of **low potential value** for roosting bats.



The southeast and northeast elevations.



The northwest elevation.



The southwest elevation.



Gap in the mortar beneath the tiles at the gutter, southwest elevation.



Gaps in the mortar beneath the ridge-tiles, southwest elevation.

Trees

- 3.3.7 There are a number of young to mature trees throughout the survey site (*Target Notes 3, 4, 6 and 6a-d*). The young/ semi-mature trees at *Target Notes 3, 6b, 6c and 6d* do not contain any features of potential value for roosting bats. The large Hawthorn at *Target Note 4* did not appear to contain any features of potential value for roosting bats though it was not assessed in detail.
- 3.3.8 The large, mature trees at *Target Notes 6 and 6a* may contain features of potential value for roosting bats but were not assessed in detail.
- 3.3.9 The hedgerow at *Target Note 2* and the line of trees at *Target Notes 6, 6a and 6b* provide habitat features of low/ moderate potential value for foraging/ commuting bats. However, the park is immediately surrounded by roads all of which have street-lights. This would make the park less attractive to many species of bat. The amenity grassland that characterises much of the survey site is likely to be of negligible potential value for foraging/ commuting bats.
- 3.3.10 Cofnod provided records of three species of bat for within the 1 km search area as well as 'Pipistrelle aggregate' and 'Unknown Bat'. The records included Brown Long-eared Bat (*Plecotus auritus*), Common Pipistrelle (*Pipistrellus pipistrellus*) and Noctule (*Nyctalus noctula*). The closest of these records to the survey site is for 'Unknown Bat' from approximately 305 m to the south. This record is dated 2000, no further details are provided. There are a small number of records for Common Pipistrelle from around Rossett some of which may relate to roosts.

Great Crested Newts

- 3.3.11 There is no aquatic habitat within the survey site.
- 3.3.12 An initial review of the OS map 1:25, 000 scale and relevant internet-based mapping including aerial photography² indicates that there are no waterbodies within approximately 250 m of the survey site (excluding ditches). There are a number of private gardens within this area and it is possible that one or more ponds could be present.

² <https://www.google.com/maps/place/Rossett/@53.1115817,-2.9448418,343m/data=!3m1!1e3!4m5!3m4!1s0x487ac1589f7bfbfd:0xa6c62bb8b7d7905c!8m2!3d53.110472!4d-2.950822>

- 3.3.13 The amenity grassland provides potential terrestrial habitat of negligible/ low potential value. Habitat features of greater potential value are more-or-less limited to the hedgerow at *Target Note 2*.
- 3.3.14 Cofnod provided a small number of records for Great Crested Newt from four locations within the 1 km search area. The closest of these records to the survey site is from a pond near Gamford Lane, approximately 762 m to the east. There are two ponds at this location. Marches Ecology surveyed these ponds in 2019 for an unrelated commission. They support a medium population.
- 3.3.15 Cofnod provided a small number of records of Palmate Newt (*Lissotriton helveticus*), Smooth Newt (*Lissotriton vulgaris*) and Common Frog (*Rana temporaria*) from the 1 km search area. None of these records is from the survey site or particularly close to it.
- 3.3.16 The potential presence of Great Crested Newts in terrestrial habitat is governed more by the proximity of a suitable breeding waterbody than by the quality of the terrestrial habitat. Given the apparent absence of waterbodies within 250 m of the survey site and that the park is surrounded by roads, it is considered unlikely that this species might access the survey site. This species will not be considered further in this report.

Reptiles

- 3.3.17 Cofnod provided a small number of records of Grass Snake (*Natrix helvetica*) from the 1 km search area. The habitat within the survey site is not suitable for this or any other species of reptile.

Birds

- 3.3.18 Eight species of bird were recorded during the Extended Phase 1 Habitat Survey either within the survey site or flying over it. The House Sparrow and Starling (*Sturnus vulgaris*) are priority species³. Both of these species could find nesting opportunities within the survey site. As mentioned above under 'bats' it appears that House Sparrows nest within the building at *Target Note 1*. They appear to use gaps beneath the roof-tiles. It is not known whether they use the built-in bird-boxes/ nesting features.



The holes shown in the photo above are believed to be built-in bird-boxes or holes drilled into the block cavity to achieve the same.

³ As defined in CIEEM (2017a).

- 3.3.19 A small number (20-30) of Starlings were present in the trees at *Target Note 6a* throughout the survey visit. They appeared to be loafing/ feeding. However, there are features towards the top of these trees that could provide nesting opportunities though this could not be confirmed from ground level.
- 3.3.20 The survey site provides nesting opportunities for species of bird associated with hedgerows, trees and the building.
- 3.3.21 Cofnod provided a large number of bird records from within 1 km of the survey site (though none from within it) largely with four-figure grid references. Records of possible relevance to the survey site include Dunnock (*Prunella vulgaris*), House Sparrow, Long-tailed Tit (*Aegithalos caudatus*), Song Thrush (*Turdus philomelos*) and Starling. These species could potentially nest within the survey site.

Other Species

- 3.3.22 Cofnod provided a number of records of butterflies and moths, other invertebrates, fish, and other mammals including Hedgehog (*Erinaceus europaeus*). None of these records is from the survey site and none are of particular relevance to this assessment.

4 EVALUATION, ASSESSMENT AND RECOMMENDATIONS

4.1 Introduction

4.1.1 Brief details regarding the proposal are provided in *Section 1.4*. An assessment of ecological issues based on the information provided is detailed below and considers:

- potential ecological constraints relevant to the proposal;
- further survey requirements; and
- potential mitigation/ compensation measures along with opportunities for ecological enhancement.

These are dealt with in turn for habitats and flora, and specific species groups in the section below. Potential impacts have been considered with reference to the plans provided only. This assessment considers the proposed development site and immediately surrounding area. The survey site defined for the purpose of this Ecological Appraisal includes a larger area than is likely to be directly impacted by this proposal. This survey site is only considered where relevant due to potential indirect impacts and or for mitigation.

4.2 Evaluation, Assessment and Recommendations

Designated Sites

- 4.2.1 No statutory or non-statutory designated sites would be directly impacted by the proposed development. No ASNW would be directly impacted.
- 4.2.2 Due to the nature of the proposal, the habitat within the proposed development site and the distance to any designated sites/ ASNW, no indirect impacts are anticipated.

Habitat

- 4.2.3 The survey site includes the following habitat resources:
- Amenity grassland;
 - Ornamental shrubs;
 - Individual trees;
 - A hedgerow; and
 - A building and hard-standing.
- 4.2.4 Due to the size, quality and geographical location of most of the habitat resources listed above they are considered to be of no more than site value⁴. Habitat features of greater value are considered below.
- 4.2.5 There is a small number of large trees at *Target Notes 6 and 6a*. WCBC (2015) does not contain criteria specific to individual trees. These trees are considered to be of local value. The hedgerow at *Target Note 2* is relatively species-poor, contains gaps and is isolated from other hedgerows. It is considered to be of local value.
- 4.2.6 No further survey of the habitat within the survey site is currently considered necessary. The proposed development would result in the permanent loss of a small area of amenity grassland, a few young ornamental trees, the building and some hard-standing. The loss of this habitat would not result in any significant impacts.

⁴ In accordance with CIEEM (2018).

- 4.2.7 To avoid any possible inadvertent impacts, prior to the start of any preparatory or construction work, temporary tree protection should be installed around the trees at *Target Notes 6, 6a and 6c*. It is understood that the closest part of the northwest elevation of the new building would be approximately 2.83 m from the hedgerow at *Target Note 2*. A similar protective fence should be installed at least 1 m from the southeast face of this hedgerow where it would be adjacent to construction works. These protection measures should include exclusion barriers and signage and be in accordance with 'BS 5837:2012 *Trees in Relation to Design, Demolition and Construction. Recommendations*' and Local Planning Guidance Note 17: Trees and Development (WCBC 2012). The fence will be retained throughout the construction period. No access/ storage of materials/ construction work, etc should be allowed beyond this fence.
- 4.2.8 General best practice measures should be implemented during the construction works to avoid any indirect impacts (e.g. dust, diffuse pollution, etc) on adjacent habitat. The general advice contained in the Guidance for Pollution Prevention (GPP) leaflets produced by SEPA, EA and the Environment and Heritage Service (Northern Ireland) will be adhered to, particularly the following:
- PPG1: Understanding Your Environmental Responsibilities - Good Environmental Practices.
 - PPG6: Working at Construction and Demolition Sites.
- 4.2.9 Assuming the appropriate installation and maintenance of the temporary protective fencing along with the adoption of best practice measures, no significant impact is anticipated on valued habitat resources located close to the works area.

Flora

- 4.2.10 No notable plants or *Schedule 9* invasive non-native plants were recorded from the proposed development site.

Fauna

Badger

- 4.2.11 No setts were recorded within the survey site and opportunities for sett excavation within the survey site are limited. No evidence of Badger activity was recorded from the survey site. The amenity grassland provides some potential foraging habitat.
- 4.2.12 The proposed development would result in the loss of a small amount of amenity grassland that could be used for foraging, although most of this resource would not be affected. Badgers would still be able to traverse the site following the development should they wish to do so. No particular impacts on Badgers are anticipated.
- 4.2.13 A sett could be excavated subsequent to the completion of this survey. If site clearance/ construction work is not implemented within 12 months of the Extended Phase 1 Habitat Survey then the site will be re-surveyed by a suitably qualified ecologist to check for any setts.

Bats

- 4.2.14 The existing toilet block at *Target Note 1* is to be demolished. This building contains features of **low** potential value for roosting bats. Potential use of this building by roosting bats cannot be determined without further survey. In accordance with Collins (2016) at least one emergence survey must be carried out during May to August (inclusive), prior to any works to the building. If bats are found to be roosting within the building, a licence from

Natural Resources Wales must be obtained before any works can begin. Further to this survey mitigation measures will be recommended if necessary.

- 4.2.15 There are a small number of trees located within the survey site that may be of potential value for roosting bats (e.g. *Target Notes 6 and 6a*). These trees will not be directly affected by the proposed development and as such no further survey is required. The installation of tree protection fencing is recommended which should minimise any risk of disturbing roosting bats that might be using these trees. This fencing should be located at a sufficient distance from the trees so that should any bats be using them their flight-lines would not be obstructed. If works to these trees are required in the future, further survey is likely to be required.
- 4.2.16 The habitat to be impacted by the proposed development is considered to be of negligible potential value for foraging/ commuting bats. Features of greater potential value; the hedge at *Target Note 2* and the trees at *Target Notes 6/ 6a/ 6b*, are to be retained. Based on the small-scale of the proposal it is considered unlikely that the loss of this habitat would result in a significant impact on foraging bats.
- 4.2.17 External lighting has the potential to adversely impact any bats that might be using the survey site. This will be considered further to the emergence survey of the building. Recommendations for any external lighting on the proposed new building will be provided.

Birds

- 4.2.18 The proposed development would result in the loss of the building and a few young trees that are/ could be used by nesting birds. It is believed that the building (*Target Note 1*) is used by nesting House Sparrows though the number of pairs cannot be confirmed. No old nests were recorded from the trees that would be lost (*Target Notes 3 and 6d*). It is considered unlikely that the proposed development would give rise to a significant impact on local bird populations.
- 4.2.19 To offset any loss of nesting features that may be used by House Sparrows associated with the existing building alternative features will be included in the new building. Six nest-boxes specifically designed for this species (e.g. Vivara Pro Woodstone Single Chamber House Sparrow Nest-box⁵, Schwegler Brick Box No.24⁶ or EcoSurv Sparrow⁷ nest-boxes) should be built into the new building ideally on the north-east and or east elevations. These boxes should be installed within the wall. Full instructions for their installation are provided in Gunnell, Murphy & Williams (2013). These nest-boxes should ideally be installed at soffit/ eaves level (more than 2 m above ground level) out of direct sunlight, and at least 1 m apart. They should have unobstructed access and should not be located directly above any windows or doors. A suitably qualified ecologist should be consulted regarding appropriate locations for these nest-boxes.
- 4.2.20 Ideally each nest-box should be inspected annually and cleaned if necessary, outside the nesting season.

⁵

https://www.nhbs.com/equipment?q=&hPP=60&idx=titles&p=1&fR%5Bdoc_s%5D%5B0%5D=false&fR%5Bhide%5D%5B0%5D=false&fR%5Blive%5D%5B0%5D=true&hFR%5Bsubjects_equipment.lv1%5D%5B0%5D=Bird%20Boxes&qtview=217214

⁶ <http://www.nhbs.com/title/173236/schwegler-brick-nest-boxes>

⁷ <http://www.habibat.co.uk/category/bird-boxes/habibat-sparrow-nest-box>

- 4.2.21 Two small trees will be lost due to the proposed development. Any replacement trees provided should ideally be locally native species as far as is possible and be of value to wildlife, such as Silver Birch, Wild Cherry, Rowan, Field-maple, Holly and/ or Pedunculate Oak. Planting stock should be of ideally locally native provenance but as a minimum certified British native origin.
- 4.2.22 No further survey for birds is deemed necessary (other than a pre-work check should work be undertaken during the nesting season as detailed below).
- 4.2.23 The destruction of any bird nests that are in use is illegal. The simplest option to avoid issues arising from the presence of nesting birds is to schedule work that affects nesting habitat (e.g. demolition of the building, clearance of trees/ shrubs) outside the nesting period (March to August inclusive). Should any occupied nests be found during the demolition works, a buffer zone (determined on the basis of the species concerned and the location of the nest in the context of the surrounding vegetation, but no less than 5 m) would be retained until it can be ascertained that the chicks have left the nest. The buffer zone will be appropriately fenced and signed.
- 4.2.24 If it is not possible to demolish the building, clear vegetation/ shrubs outside the nesting season all such areas should be checked by a suitably qualified ecologist prior to commencement of works. If any active nests are found at this time a buffer zone as detailed above would be provided.
- 4.2.25 As a potential enhancement (and therefore a positive impact) the installation of a small number of nest-boxes suitable for Starlings should be considered. These nest-boxes should be installed on the trees at *Target Notes* 6 or 6a. It is suggested that three Woodstone Starling nest-boxes⁸ or 3SV Schwegler Starling nest-boxes⁹ should be installed. The nest-boxes should be sited out of reach (though accessible for maintenance), 3 m or more off the ground ideally on large tree trunks. All of the nest-boxes should be located somewhere between (facing) north through east to southeast; avoiding prevailing winds and direct sunlight where possible. These nest-boxes should be installed either by, or under the direction of, a suitably qualified ecologist to ensure correct installation.

⁸ https://www.birdfood.co.uk/woodstone-starling-nest-box?utm_source=google_shopping&qclid=EAlaIqObChMI8qDc8JKe7QIVRSgYCh0zQAwhEAQYASABEgJEIPD_BwE

⁹ <https://www.nhbs.com/3sv-schwegler-nest-box-with-predator-protection>

5 SUMMARY CONCLUSIONS

5.1.1 This report concludes the following with regards existing (on-site) ecological resources:

- Small areas of amenity grassland and a few young trees of no more than site value would be lost due to the proposed development.
- There are no locally notable or *Schedule 9* plants within the proposed development site.
- Opportunities for sett excavation within the survey site are very limited. Potential foraging habitat is also limited. No particular impacts on Badgers are anticipated.
- The existing building at *Target Note 1* contains features of potential value for roosting bats. Potential impacts due to the proposed demolition cannot be assessed without further survey. A small number of trees close to the proposed development site may contain features of potential value for roosting bats but will not be directly affected. The habitat within the proposed development site is of negligible potential value for foraging/commuting bats.
- The building is used by nesting birds, probably House Sparrows. The young trees that would be lost are unlikely to be used by nesting birds.

5.1.2 This report recommends the following avoidance/ mitigation measures:

- Protective fencing should be installed to protect the trees at *Target Notes 6, 6a and 6c*, and the hedgerow at *Target Note 2*.
- General best practice measures should be implemented during the demolition/ construction works to avoid any indirect impacts on adjacent habitat.
- A Badger survey should be undertaken if the development is not commenced within 12 months of this survey.
- The existing building requires a bat emergence survey prior to the commencement of work. This survey will determine whether a Natural Resources Wales licence and mitigation measures are required. Advice on appropriate external lighting will be provided further to this survey.
- Site clearance works/ removal of vegetation and demolition of the building should be undertaken outside the bird nesting season. Should this not be possible then suitable habitat would need to be checked by a qualified ecologist prior to the commencement of work.
- Six nest-boxes for House Sparrows will be incorporated into the new building.

5.1.3 This report recommends the following enhancement measure:

- The installation of three nest-boxes for Starlings.

6 TARGET NOTES

Target Note 1. A single storey toilet block and store. It has rendered block/ brick-work elevations with a pitched, concrete-tiled roof. There appear to be two small roof spaces at the northwest and southeast end. The central portion, above the store, is open to the roofing felt/ polystyrene insulation. Northeast elevation: There are two small gaps beneath the tiles at the gutter, due to mortar shrinkage. Possible gaps in the mortar beneath the ridge-tiles. The soffit-box is well sealed. Five small windows. Northwest elevation: All well sealed. No windows. Southwest elevation: There are thirteen tiles where there is mortar missing at the gutter. This provides potential access between the tiles and the bitumen roofing felt. A couple of these holes had been used by nesting birds and a female House Sparrow was observed entering one of the holes, presumably prospecting. There are also three apparently built-in bird-boxes at approximately 2.5 m above ground level (or holes drilled into the block cavity to provide the same). The soffit box is well sealed. Four small windows. Southeast elevation: All well sealed. No windows. There are no external lights fitted to the building. There are streetlights on The Green and the B5445. The car showroom to the north has three floodlights fitted.

Target Note 2. A hedge managed to approximately 2 m high and 2-3 m wide. It contains abundant *Crataegus monogyna* (Hawthorn), frequent *Acer pseudoplatanus* (Sycamore), locally frequent *Ilex aquifolium* (Holly), and small amounts of *Sambucus nigra* (Elder) and *Ligustrum vulgare* (Wild Privet). Some short gaps have been planted with *Crataegus monogyna* (Hawthorn) and *Ilex aquifolium* (Holly). The base is largely dominated by *Hedera helix* (Ivy). A small amount of *Geum urbanum* (Wood Avens) and *Geranium robertianum* (Herb-robert) is also present.

Target Note 3. A young *Salix ×sepulcralis* (Weeping Willow) tree with an approximate diameter at breast height (dbh) of 0.15 m. It does not contain any features of potential value for roosting bats.

Target Note 4. A very large mature *Crataegus monogyna* (Hawthorn) with an approximate dbh of 0.55 m. There are no particular features of potential value for roosting bats visible though it was not assessed in detail.

Target Note 5. Amenity grassland dominated by *Lolium perenne* (Perennial Rye-grass) with frequent *Ranunculus repens* (Creeping Buttercup), *Agrostis capillaris* (Common Bent), *Holcus lanatus* (Yorkshire-fog), *Bellis perennis* (Daisy), locally frequent *Trifolium repens* (White Clover) and occasional *Ranunculus bulbosus* (Bulbous Buttercup).

Target Note 6. A line of large, mature trees some of which may be of potential value for roosting bats but were not assessed in detail. A number of these trees have timber bird-boxes attached to them. The largest *Fagus sylvatica* (Beech) tree has an approximate diameter at breast height (dbh) of 0.7 m.

Target Note 6a. A large, mature *Tilia ×europaea* (Common Lime) and *Aesculus hippocastanum* (Horse-chestnut). The *Tilia ×europaea* (Common Lime) has an approximate dbh of 0.7 m while the *Aesculus hippocastanum* (Horse-chestnut) has an approximate dbh of 1 m. Both are of potential value to roosting bats though they were not assessed in detail. There are timber bird-boxes attached to both trees. A number (20-30) of Starlings (*Sturnus vulgaris*) were present in these trees, apparently feeding/ loafing, throughout the survey period. Snapped branches high up in these trees may provide features suitable for nesting Starling but this could not be confirmed.

Target Note 6b. Two semi-mature *Prunus* sp. (Cherry) trees with approximate dbh's of 0.3 m and 0.5 m. No features of potential value for roosting bats were visible.

Target Note 6c. A semi-mature *Betula pendula* (Silver Birch) with an approximate dbh of 0.4 m. No features of potential value for roosting bats were visible.

Target Note 6d. A young *Quercus robur* (Pedunculate Oak) tree with an approximate dbh of 0.2 m. No features of potential value for roosting bats were visible.

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8 DATA

Table 1 – Vascular plant species recorded within the survey site

Plant Species	
	<i>Galium aparine</i> (Cleavers)
<i>Acer pseudoplatanus</i> (Sycamore)	<i>Geranium robertianum</i> (Herb-robert)
<i>Aesculus</i> sp. (Horse-chestnut)	<i>Geum urbanum</i> (Wood Avens)
<i>Aesculus hippocastanum</i> (Horse-chestnut)	<i>Glechoma hederacea</i> (Ground-ivy)
<i>Betula pendula</i> (Silver Birch)	<i>Hedera helix</i> agg. (Ivy)
<i>Cornus</i> sp. (Dogwood)	<i>Holcus lanatus</i> (Yorkshire-fog)
<i>Cotoneaster</i> sp.	<i>Knautia arvensis</i> (Field Scabious)
<i>Crataegus monogyna</i> (Hawthorn)	<i>Lamium purpureum</i> (Red Dead-nettle)
<i>Fagus sylvatica</i> (Beech)	<i>Lapsana communis</i> (Nipplewort)
<i>Ilex aquifolium</i> (Holly)	<i>Lavandula</i> sp. (Lavender)
<i>Ligustrum vulgare</i> (Wild Privet)	<i>Leucanthemum vulgare</i> (Oxeye Daisy)
<i>Pinus sylvestris</i> (Scots Pine)	<i>Lolium perenne</i> (Perennial Rye-grass)
<i>Prunus</i> sp. (Cherry)	<i>Myosotis arvensis</i> (Field Forget-me-not)
<i>Quercus robur</i> (Pedunculate Oak)	<i>Pentaglottis sempervirens</i> Green Alkanet)
<i>Rosa</i> sp. (Rose)	<i>Plantago lanceolata</i> (Ribwort Plantain)
<i>Salix ×sepulcralis</i> (Weeping Willow)	<i>Plantago major</i> (Greater Plantain)
<i>Salix viminalis</i> (Osier)	<i>Poa annua</i> (Annual Meadow-grass)
<i>Sambucus nigra</i> (Elder)	<i>Prunella vulgaris</i> (Selfheal)
<i>Tilia ×europaea</i> (Common Lime)	<i>Ranunculus bulbosus</i> (Bulbous Buttercup)
	<i>Ranunculus repens</i> (Creeping Buttercup)
<i>Achillea millefolium</i> (Yarrow)	<i>Rubus fruticosus</i> agg. (Bramble)
<i>Aegopodium podagraria</i> (Ground-elder)	<i>Rumex acetosa</i> (Common Sorrel)
<i>Agrostis capillaris</i> (Common Bent)	<i>Rumex crispus</i> (Curled Dock)
<i>Agrostis stolonifera</i> (Creeping Bent)	<i>Rumex obtusifolius</i> (Broad-leaved Dock)
<i>Alliaria petiolata</i> (Garlic Mustard)	<i>Sagina procumbens</i> (Procumbent Pearlwort)
<i>Anagallis arvensis</i> (Scarlet Pimpernel)	<i>Scorzoneroide autumnalis</i> (Autumn Hawkbit)
<i>Anthriscus sylvestris</i> (Cow Parsley)	<i>Senecio jacobaea</i> (Common Ragwort)
<i>Ballota nigra</i> (Black Horehound)	<i>Senecio vulgaris</i> (Groundsel)
<i>Bellis perennis</i> (Daisy)	<i>Sisymbrium officinale</i> (Hedge Mustard)
<i>Capsella bursa-pastoris</i> (Shepherd's-purse)	<i>Sonchus asper</i> (Prickly Sowthistle)
<i>Cardamine hirsuta</i> (Hairy Bitter-cress)	<i>Sonchus oleraceus</i> (Smooth Sowthistle)
<i>Cardamine pratensis</i> (Cuckoo-flower)	<i>Stellaria media</i> (Common Chickweed)
<i>Cerastium fontanum</i> (Common Mouse-ear)	<i>Taraxacum</i> sect. <i>Ruderalia</i> (Common Dandelion)
<i>Cirsium arvense</i> (Creeping Thistle)	<i>Trifolium repens</i> (White Clover)
<i>Cirsium vulgare</i> (Spear Thistle)	<i>Tripleurospermum inodorum</i> (Scentless Mayweed)
<i>Cyclamen</i> sp.	<i>Urtica dioica</i> (Common Nettle)

<i>Chinchilla crus-galli</i> (Cockspur)	<i>Veronica filiformis</i> (Slender Speedwell)
<i>Elytrigia repens</i> (Common Couch)	<i>Veronica persica</i> (Common Field-speedwell)
<i>Epilobium montanum</i> (Broad-leaved Willowherb)	<i>Veronica serpyllifolia</i> (Thyme-leaved Speedwell)
<i>Ficaria verna</i> (Lesser Celandine)	<i>Viola riviniana</i> (Common Dog's-violet)
<i>Fragaria vesca</i> (Wild Strawberry)	

9 APPENDIX 1 - SPECIES-SPECIFIC LEGISLATION

9.1 Introduction

9.1.1 The species-specific legislation below is presented here due either to the actual or suspected/ possible presence of each species on the site or within the zone of influence and is therefore considered to be relevant for this study.

9.1.2 This sub-section provides a brief summary of key relevant species legislation. It should not be considered a comprehensive review and is not meant to be so. It is provided here for information only and is not intended to replace specialised legal advice. It does not replace the text of the legislation, but summarises the salient points.

9.2 Badger

9.2.1 The Badger is protected in Britain under the *Protection of Badgers Act 1992* and *Schedule 6 of the Wildlife and Countryside Act 1981* (as amended). The legislation affords protection to Badger and Badger setts, and makes it a criminal offence to:

- wilfully kill, injure, take, possess or cruelly ill-treat a Badger, or attempt to do so;
- interfere with a sett by damaging or destroying it;
- to obstruct access to, or any entrance of, a Badger sett; or
- to disturb a Badger when it is occupying a sett.

9.3 Bats

9.3.1 All species of British bat are listed on *Schedule 5 of the Wildlife and Countryside Act 1981* (as amended), and receive full protection under *Section 9*. They are also listed as European Protected Species on *Schedule 2 of The Conservation of Habitats and Species Regulations 2017* which gives them full protection under *Regulation 42(1)*. Protection was extended by the *Countryside and Rights of Way Act 2000* (the *CRoW Act 2000*).

9.3.2 Under the above legislation it is an offence to intentionally or recklessly:

- kill, injure or take an individual of such a species;
- possess any part of such species either alive or dead;
- damage, destroy or obstruct access to any place or structure used by such species for shelter, rest, protection or breeding;
- disturb such a species whilst using any place of shelter or protection; or
- sell or attempt to sell any such species.

9.3.3 Several species of bat are included on *Section 7 of the Environment Act 2016*.

9.3.4 All species of British bat are also protected under *Schedule 6 of the Wildlife and Countryside Act 1981* (as amended). This protection relates specifically to trapping and direct pursuit of the species.

9.4 Great Crested Newt

9.4.1 Great Crested Newts are listed on *Schedule 5 of the Wildlife and Countryside Act 1981* (as amended), and receive full protection under *Section 9*. The 1981 Act was amended by the *CRoW Act 2000* which further extends the protection. It is also listed on *Annexes II and IV of the European Union Directive on Natural Habitats and Wild Fauna and Flora (Council*

Directive 92/43/EEC), which is implemented in the UK by *The Conservation of Habitats and Species Regulations 2017*. It is included on *Schedule 2* of the Habitats Regulations which gives it full protection under *Regulation 42(1)*. The Great Crested Newt is therefore a so-called European Protected Species. The legislation applies to all life stages of the Great Crested Newt, including eggs, larvae, juveniles and adults.

9.4.2 Under the above legislation it is an offence to intentionally or recklessly:

- kill, injure or take an individual of such a species;
- possess any part of such species either alive or dead;
- damage, destroy or obstruct access to any place or structure used by such species for shelter, rest, protection or breeding;
- disturb such a species whilst using any place of shelter or protection; or
- sell or attempt to sell any such species.

9.4.3 The Great Crested Newt is included on *Section 7* of the *Environment Act 2016*.

9.5 Birds

9.5.1 All species of bird are protected under *Section 1* of the *Wildlife and Countryside Act 1981* (as amended). The protection was extended by the *CRoW Act 2000*.

9.5.2 The legislation makes it an offence to intentionally or recklessly:

- kill, injure or take any wild bird;
- take, damage or destroy the nest of any wild bird while that nest is in use or being built; or
- take or destroy an egg of any wild bird.

9.5.3 Certain species of bird are listed on *Schedule 1* of the *Wildlife and Countryside Act 1981* (as amended) and receive protection under *Sections 1(4)* and *1(5)* of the Act. The legislation confers special penalties where the above mentioned offences are committed for any such bird and also make it an offence to intentionally or recklessly:

- disturb any such bird, whilst building its nest or it is in or near a nest containing dependant young; or
- disturb the dependant young of such a bird.

9.5.4 *Section 7* of the *Environment Act 2016* includes several birds.

10 APPENDIX 2 – DATA SUPPLIED BY COFNOD (PUBLIC VERSION)

Cofnod Environmental Information Search (PUBLIC VERSION)

Our Reference	E08574
Your Reference	C437
Requested By	Marches Ecology
Data Users	Tom Knight, Partner, Marches Ecology Max Ellison, Partner, Marches Ecology Peter Morris, Rossett Community Council
Search Date	08/12/2020
Expiry Date	08/06/2021
Search Type	Chargeable

Important Issues

- Use of the data is governed by Cofnod's [Terms & Conditions](#).
- Data marked as confidential or sensitive must not be released into the public domain, with the exception of the Public Version of the PDF report, which has had sensitive information removed or restricted.
- You should not amend any part of the downloaded records.
- Unless otherwise agreed, use of the data is valid until the Expiry Date (08/06/2021).
- The data was generated on the Search Date (08/12/2020) and is not live.
- The Dataset ID associated with each record can be used to find information about the provenance of the data. Verification Levels are given for each record. Refer to individual LERCs for further metadata and policies relating to the data.
- Please [contact us](#) if you have any questions about using the data or wish to add further Data Users.

Notes

- Cofnod uses a search system which optionally 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 **(Mobile)** next to the distance. They have been selected as 'Mobile Species' as their territory (possibly due to foraging activity or life cycle) could intersect with the search radius.
- Records with 4 figure grid references are displayed as 1km squares on any relevant maps. They are highlighted with **(1km)** next to the distance.
- Records shown in **bold** typeface are sensitive species records, and some details have been restricted in this public version of the report.

Data Description

Distance	Indicates the distance, in metres, between the GRID REFERENCE of the record (using the central point of the grid square) and the search location. For any Sensitive Species Records, this cannot be released into the Public Domain.
Species Name	Name of the taxon (usually identified to species level) using the binomial system.
Grid Reference	Full grid reference based on the Ordnance Survey grid system. For any Sensitive Species Records, this cannot be released into the Public Domain.
Date	Date on which the record was made. In some cases this might be a date range, or a vague date such as 'Summer 2010'.
Recorder(s)	One or more people who made the original observation and recorded it in some way. It may have subsequently been included in a data collation by another person or it may have been submitted to Cofnod directly.
Abundance	Number of individuals recorded. Where not specified it is assumed that at least one was present.
Record Type	The recording methods used (only where specified).
Site Name	The site name (if one has been supplied). For any Sensitive Species Records, this cannot be released into the Public Domain.
Comments	Any additional notes about the sighting, including any information on habitat or substrate if this is available. For any Sensitive Species Records, this cannot be released into the Public Domain.
Dataset ID	ID of this dataset. See 'Important Issues' for more details.
Lists	Any local, national or international conservation statuses or legal protection which apply to this species and whether it is included in any Local Biodiversity Action Plans. See 'Abbreviations' for more details.
V	Summarised record Verification Level. The following codes are used: 1 - Unassessed, 2 - Unconfirmed, 3 - Considered Correct by Cofnod, 4 - Considered Correct by Expert. See our Data Quality policy, available from the Cofnod website for more details.

Abbreviations

ANG - Anglesey County Council Local Biodiversity Action Plan, **AONB** - Area of Outstanding Natural Beauty, **AW** - Ancient Woodland, **BAP** - UK Biodiversity Action Plan, **BDir1** - EU Birds Directive Annexe 1, **BDir2.1** - EU Birds Directive Annexe 2.1, **BDir2.2** - EU Birds Directive Annexe 2.2, **Bern** - Bern Convention on the Conservation of European Wildlife and Natural Habitats, **Bonn** - Bonn Convention on the Conservation of Migratory Species of Wild Animals, **CITES** - Convention on International Trade in Endangered Species of Wild Fauna and Flora, **CON** - Conwy County Borough Council Local Biodiversity Action Plan, **DEN** - Denbighshire County Council Local Biodiversity Action Plan, **EPS** - European Protected Species, **FLI** - Flintshire County Council Local Biodiversity Action Plan, **GWY** - Gwynedd County Council Local Biodiversity Action Plan, **HDir** - EU Habitats Directive, **INNS** - Invasive Non-native Species, **LBAP** - Local Biodiversity Action Plan species for the listed area, **LI** - Locally Important within the listed area, **LNR** - Local Nature Reserve, **MNR** - Marine Nature Reserve, **NNR** - National Nature Reserve, **NRW** - Natural Resources Wales Priority Species, **PBA** - Protection of Badgers Act 1992, **RD1(UK)** - Red Data Book listing for the UK based on IUCN guidelines, **RD1(Wales)** - Red Data Book listing for Wales based on IUCN guidelines, **RD2(UK)** - Red Data Book listing for the UK not based on IUCN guidelines, **RIGS** - Regionally Important Geodiversity Site, **S7** - Environment (Wales) Act 2016 (Section 7), **SAC** - Special Area of Conservation, **SNP** - Snowdonia National Park Local Biodiversity Action Plan, **SPA** - Special Protection Area, **SSSI** - Site of Special Scientific Interest, **UKBA** - RSPB UK Birds Amber List (not based on IUCN criteria), **UKBR** - RSPB UK Birds Red List (not based on IUCN criteria), **WBA** - RSPB Welsh Birds Amber List (not based on IUCN criteria), **WBR** - RSPB Welsh Birds Red List (not based on IUCN criteria), **WCA1.1** - Wildlife & Countryside Act 1981 Schedule 1.1 (Birds which are protected at all times), **WCA1.2** - Wildlife & Countryside Act 1981 Schedule 1.2 (Birds which are protected at certain times), **WCA5** - Wildlife & Countryside Act 1981 Schedule 5 (Animals which are protected from killing and taking, possession, disturbance and sale), **WCA8** - Wildlife & Countryside Act 1981 Schedule 8 (Plants which are protected), **WCA9** - Wildlife & Countryside Act 1981 Schedule 9 (Non-native animals and plants which are established in the wild), **WRE** - Wrexham County Council Local Biodiversity Action Plan, **WS** - Wildlife Site, **WVP** - IUCN Threat Listing of Welsh Vascular Plants

Contact Us

Cofnod - Gwasanaeth Gwybodaeth Amgylcheddol Gogledd Cymru/North Wales Environmental Information Service

Intec, Ffordd y Parc, Parc Menai, Bangor, Gwynedd. LL57 4FG

Tel: (01248) 672603 Email: contactus@cofnod.org.uk Website: www.cofnod.org.uk Facebook: facebook.com/Cofnod Twitter: twitter.com/Cofnod

Search Location					Grid Reference					
Rossett					SJ3691157421					
Birds										
Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V
<i>Aegithalos caudatus</i> (Long-tailed Tit / Titw Cynffon-Hir)	SJ3725858086	20/12/2016	Recorder Name Withheld	4	Field record	LL12 ODF		D0969/001/05	WBA	1
<i>Aegithalos caudatus</i> (Long-tailed Tit / Titw Cynffon-Hir)	SJ3657	3 records, between 24/01/2009 and 13/06/2009	Recorder Name Withheld	50+; 1	Reported to recorder		Occurrence ID: NBN-GA000656- BGBW2009-16446945- 106734464; Survey: Observer data; Activity: H. Survey: Observer data	D1852/002/01 , D0062/008/01	WBA	4
<i>Aegithalos caudatus</i> (Long-tailed Tit / Titw Cynffon-Hir)	SJ3757	24/01/2009 - 25/01/2009	Recorder Name Withheld				Occurrence ID: NBN-GA000656- BGBW2009-16447445-106734734	D1852/002/01	WBA	4
<i>Aegithalos caudatus</i> (Long-tailed Tit / Titw Cynffon-Hir)	SJ3656	22/02/2007	Recorder Name Withheld	2+	Reported to recorder	Marford, N	Survey: Observer data	D0062/008/01	WBA	3
<i>Aegithalos caudatus</i> (Long-tailed Tit / Titw Cynffon-Hir)	SJ3756	18/02/2014	Recorder Name Withheld	3		Rossett, SE	BirdTrack	D1297/025/01	WBA	4
<i>Aegithalos caudatus</i> (Long-tailed Tit / Titw Cynffon-Hir)	SJ3758	24/01/2009 - 25/01/2009	Recorder Name Withheld				Occurrence ID: NBN-GA000656- BGBW2009-16447344-106734745	D1852/002/01	WBA	4
<i>Aegithalos caudatus</i> (Long-tailed Tit / Titw Cynffon-Hir)	SJ3557	5 records, between 03/04/2005 and 22/11/2018	Recorder Name Withheld	1; 10	Reported to recorder		Occurrence ID: NBN-GA000656- BGBW2009-16446388- 106734449; Nest building. Survey: Observer data; Survey: Observer data; Birdtrack:	D1852/002/01 , D0062/008/01 , D1297/025/01	WBA	4
<i>Aix galericulata</i> (Mandarin Duck / Hwyaden Gribog)	SJ36475693 (Selected from Interactive Map)	December 2012	Recorder Name Withheld	2 Full-Grown		BASC HQ	Circling and whistling above woodland	D1117/001/01	INNS, WCA9	4
<i>Aix galericulata</i> (Mandarin Duck / Hwyaden Gribog)	SJ364569	08/08/2010	Recorder Name Withheld	2 Adult		BASC HQ	in the pond	D1117/001/01	INNS, WCA9	4
<i>Aix galericulata</i> (Mandarin Duck / Hwyaden Gribog)	SJ3557	29/03/2015	Recorder Name Withheld	2		Burton Stonewalls		D1297/020/01	INNS, WCA9	4
<i>Alauda arvensis</i> (Skylark / Ehedydd)	SJ3758	17/12/2009	Recorder Name Withheld	1	Reported to recorder	Lavister	Survey: Observer data	D0062/008/01	BDir2.2, S7, UKBR, WBA, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	3
<i>Alcedo atthis</i> (Kingfisher / Glas y Dorlan)	SJ3657	7 records, between 05/01/2009 and 31/01/2019	Recorder Name Withheld	1; 2	Reported to recorder	Rossett	Survey: Observer data; Fighting. Survey: Observer data; Birdtrack;; Bird Track	D0062/008/01 , D1297/025/01 , D1297/026/01	BDir1, Bern, UKBA, WBA, WCA1.1, LBAP[CON, DEN, FLI, GWY]	3
<i>Alcedo atthis</i> (Kingfisher / Glas y Dorlan)	SJ3557	6 records, between 01/01/2010 and 24/12/2019	Recorder Name Withheld	2; 1	Reported to recorder	Burton	Survey: Observer data	D0062/008/01 , D1297/025/01 , D1297/026/01	BDir1, Bern, UKBA, WBA, WCA1.1, LBAP[CON, DEN, FLI, GWY]	3

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V
<i>Anas clypeata</i> (Shoveler / Hwyaeden Lydanbig)	SJ3557	16/01/2010	Recorder Name Withheld	2	Reported to recorder	Burton	Survey: Observer data	D0062/008/01	BDir2.1, CITES, UKBA, WBA, LBAP[ANG, CON, GWY]	3
<i>Anas platyrhynchos</i> (Mallard / Hwyaeden Wyllt)	SJ36495698 (Selected from Interactive Map)	13/04/2010	Recorder Name Withheld	9 Adult		BASC Headquarters LL12 OHL		D1117/001/01	BDir2.1, UKBA, WBA, LBAP[CON, GWY]	4
<i>Anas platyrhynchos</i> (Mallard / Hwyaeden Wyllt)	SJ36535694 (Selected from Interactive Map)	15/08/2010	Recorder Name Withheld	1 Adult		BASC HQ	seen flying	D1117/001/01	BDir2.1, UKBA, WBA, LBAP[CON, GWY]	4
<i>Anas platyrhynchos</i> (Mallard / Hwyaeden Wyllt)	SJ364569 (Selected from Interactive Map)	14/05/2010	Recorder Name Withheld	2 Adult		Basc hq	female on wing be pursued by two males	D1117/001/01	BDir2.1, UKBA, WBA, LBAP[CON, GWY]	4
<i>Anas platyrhynchos</i> (Mallard / Hwyaeden Wyllt)	SJ3657	2 records, between 20/07/2010 and 31/01/2019	Recorder Name Withheld	4		Rossett	Birdtrack.: Activty: FL	D1297/025/01 , D1297/026/01	BDir2.1, UKBA, WBA, LBAP[CON, GWY]	4
<i>Anas platyrhynchos</i> (Mallard / Hwyaeden Wyllt)	SJ3757	24/02/2014	Recorder Name Withheld	6		Rossett, E	BirdTrack	D1297/025/01	BDir2.1, UKBA, WBA, LBAP[CON, GWY]	4
<i>Anas platyrhynchos</i> (Mallard / Hwyaeden Wyllt)	SJ3656	22/02/2007	Recorder Name Withheld	2	Reported to recorder	Marford, N	Survey: Observer data	D0062/008/01	BDir2.1, UKBA, WBA, LBAP[CON, GWY]	3
<i>Anas platyrhynchos</i> (Mallard / Hwyaeden Wyllt)	SJ3756	12/04/2009	Recorder Name Withheld	2	Reported to recorder	Rossett, SE	Activity: H. Survey: Observer data	D0062/008/01	BDir2.1, UKBA, WBA, LBAP[CON, GWY]	3
<i>Anas platyrhynchos</i> (Mallard / Hwyaeden Wyllt)	SJ3758	2 records, between 17/12/2009 and 16/06/2018	Recorder Name Withheld	84; 2	Reported to recorder	Lavister	Survey: Observer data	D0062/008/01 , D1297/025/01	BDir2.1, UKBA, WBA, LBAP[CON, GWY]	3
<i>Anthus pratensis</i> (Meadow Pipit / Corhedydd y Waun)	SJ3656	19/11/2007	Recorder Name Withheld	40	Reported to recorder	Marford, N	BTO winter timed tetrad visit. Survey: Observer data	D0062/008/01	Bern, UKBA, WBA, LBAP[CON]	3
<i>Anthus pratensis</i> (Meadow Pipit / Corhedydd y Waun)	SJ3557	18/02/2004	Recorder Name Withheld		Reported to recorder	Burton	Survey: Observer data	D0062/008/01	Bern, UKBA, WBA, LBAP[CON]	3
<i>Apus apus</i> (Swift / Gwennol Ddu)	SJ3657	2007	Recorder Name Withheld	14		LL120HQ	Estimated number of screaming swifts. Possible breeding	D1734/001/02	UKBA, WBA	3
<i>Apus apus</i> (Swift / Gwennol Ddu)	SJ3656	05/08/2007	Recorder Name Withheld		Reported to recorder	Marford, N	Survey: Observer data	D0062/008/01	UKBA, WBA	3
<i>Apus apus</i> (Swift / Gwennol Ddu)	SJ3557	05/09/2007	Recorder Name Withheld	1	Reported to recorder	Burton	Survey: Observer data	D0062/008/01	UKBA, WBA	3
<i>Aythya fuligula</i> (Tufted Duck / Hwyaeden Gopog)	SJ3758	13/11/2009	Recorder Name Withheld	1 Female	Reported to recorder	Lavister	Survey: Observer data	D0062/008/01	BDir2.1, WBA, LBAP[CON]	3
<i>Aythya marila</i> (Scaup / Hwyaeden Benddu)	SJ3657	2 records, between 02/03/2014 and 27/01/2016	Recorder Name Withheld	2; 5		Rossett	Birdtrack. #BG#983576#BG#; Birdtrack. #BG#1155933#BG#	D1297/025/01	BDir2.2, UKBR, WBA, WCA1.1, LBAP[CON, GWY]	4
<i>Branta canadensis</i> (Canada Goose / Gwydd Canada)	SJ3656	22/02/2007	Recorder Name Withheld	4	Reported to recorder	Marford, N	Survey: Observer data	D0062/008/01	BDir2.1, INNS, WCA9	3
<i>Chroicocephalus ridibundus</i> (Black-headed Gull / Gwylan Benddu)	SJ3756	18/02/2014	Recorder Name Withheld	13		Rossett, SE	BirdTrack	D1297/025/01	BDir2.2, S7, UKBA, WBR, LBAP[GWY]	4
<i>Cinclus cinclus</i> (Dipper / Bronwen y Dwr)	SJ36055715 (Selected from Interactive Map)	06/01/2015	Recorder Name Withheld	1		Burton Weir		D1117/001/01	Bern, UKBA, WBA, LBAP[CON]	4

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V
<i>Cinclus cinclus</i> (Dipper / Bronwen y Dwr)	SJ3657	4 records, between 09/02/2007 and 23/01/2019	Recorder Name Withheld	1	Reported to recorder	Rossett	At Alyn Mill. Survey: Observer data	D0062/008/01 , D1297/025/01 , D1297/026/01	Bern, UKBA, WBA, LBAP[CON]	3
<i>Cinclus cinclus</i> (Dipper / Bronwen y Dwr)	SJ3557	7 records, between 06/11/2010 and 22/11/2018	Recorder Name Withheld	1; 2	Reported to recorder	Burton	Survey: Observer data; Activity: S; BirdTrack	D0062/008/01 , D1297/025/01	Bern, UKBA, WBA, LBAP[CON]	3
<i>Cuculus canorus</i> (Cuckoo / Cog)	SJ375568 (Selected from Interactive Map)	25/05/2014	Recorder Name Withheld	1 Adult Male		Harwoods Lane	Calling from willows by River Alyn	D1117/001/01	S7, UKBR, WBR, LBAP[CON, DEN, FLI, GWY]	4
<i>Cuculus canorus</i> (Cuckoo / Cog)	SJ3757	2 records, between 04/05/2011 and 08/05/2011	Recorder Name Withheld	1	Reported to recorder	Rossett, E	Activity: S. Survey: Observer data	D0062/008/01	S7, UKBR, WBR, LBAP[CON, DEN, FLI, GWY]	3
<i>Cuculus canorus</i> (Cuckoo / Cog)	SJ3557	18/05/2017	Recorder Name Withheld	1		Burton	BirdTrack. Activity: S	D1297/025/01	S7, UKBR, WBR, LBAP[CON, DEN, FLI, GWY]	4
<i>Cygnus columbianus subsp.</i> <i>bewickii</i> (Bewick's Swan)	SJ3657	02/03/2014	Recorder Name Withheld	4		Rossett	Birdtrack. #BG#983576#BG#	D1297/025/01	S7, UKBA	4
<i>Cygnus olor</i> (Mute Swan / Alarch Dof)	SJ3756	18/02/2014	Recorder Name Withheld			Rossett, SE	BirdTrack	D1297/025/01	BDir2.2, UKBA, WBA, LBAP[CON]	4
<i>Delichon urbicum</i> (House Martin / Gwennol y Bondo)	SJ3657	14/09/2004	Recorder Name Withheld	50+	Reported to recorder	Rossett	Survey: Observer data	D0062/008/01	Bern, UKBA, WBA, LBAP[CON]	3
<i>Delichon urbicum</i> (House Martin / Gwennol y Bondo)	SJ3656	2 records, between 05/08/2007 and 26/04/2009	Recorder Name Withheld	3	Reported to recorder	Marford, N	Survey: Observer data; Activity: H. Survey: Observer data	D0062/008/01	Bern, UKBA, WBA, LBAP[CON]	3
<i>Delichon urbicum</i> (House Martin / Gwennol y Bondo)	SJ3758	6 records, between 03/06/2017 and 16/06/2018	Recorder Name Withheld	7		Lavister	BirdTrack	D1297/025/01	Bern, UKBA, WBA, LBAP[CON]	4
<i>Delichon urbicum</i> (House Martin / Gwennol y Bondo)	SJ3557	18/09/2009	Recorder Name Withheld	2+ Juvenile	Reported to recorder	Burton	In two nests. Activity: NY. Survey: Observer data	D0062/008/01	Bern, UKBA, WBA, LBAP[CON]	3
<i>Dendrocopos minor</i> (Lesser Spotted Woodpecker / Cnocell Fraith Leiaf)	SJ3656	2 records, between 17/02/2007 and 04/03/2007	Recorder Name Withheld	1	Reported to recorder	Marford, N	Survey: Birdguides data	D0062/008/01	Bern, S7, UKBR, WBR, LBAP[CON, DEN, FLI, GWY]	3
<i>Emberiza citrinella</i> (Yellowhammer / Bras Melyn)	SJ3657	14/04/2008	Recorder Name Withheld		Reported to recorder	Rossett	Survey: Observer data	D0062/008/01	Bern, S7, UKBR, WBR, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	3
<i>Emberiza citrinella</i> (Yellowhammer / Bras Melyn)	SJ3656	2 records, between 29/07/2002 and 12/04/2009	Recorder Name Withheld	1; 1 Male	Reported to recorder	Marford, N	Activity: H. Survey: Observer data; Activity: S. Survey: Observer data	D0062/008/01	Bern, S7, UKBR, WBR, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	3
<i>Emberiza citrinella</i> (Yellowhammer / Bras Melyn)	SJ3756	2 records, between 12/04/2009 and 02/08/2013	Recorder Name Withheld	1	Reported to recorder	Rossett, SE	Activity: S. Survey: Observer data; Survey: Observer data	D0062/008/01	Bern, S7, UKBR, WBR, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	3
<i>Emberiza citrinella</i> (Yellowhammer / Bras Melyn)	SJ3557	12 records, between 01/12/2001 and 01/05/2010	Recorder Name Withheld	2; 1 Male; 1; 3; 6 Male; 4+	Reported to recorder	Burton	Survey: Observer data; Calling. Survey: Observer data; Activity: S. Survey: Observer data	D0062/008/01	Bern, S7, UKBR, WBR, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	3

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V
<i>Emberiza schoeniclus</i> (Reed Bunting / Bras y Cyrs)	SJ3557	11/04/2012	Recorder Name Withheld	1		Burton	BirdTrack	D1297/025/01	Bern, S7, UKBA, WBA, LBAP[CON, DEN, FLI, GWY]	4
<i>Falco columbarius</i> (Merlin / Cudyll Bach)	SJ35	18/02/2014	Recorder Name Withheld			Site Name Withheld	Comments Withheld	D1297/025/01	BDir1, Bern, CITES, UKBR, WBA, WCA1.1, LBAP[CON, DEN, FLI, GWY]	4
<i>Falco columbarius</i> (Merlin / Cudyll Bach)	SJ35	21/11/2004	Recorder Name Withheld	1	Reported to recorder	Site Name Withheld	Comments Withheld	D0062/008/01	BDir1, Bern, CITES, UKBR, WBA, WCA1.1, LBAP[CON, DEN, FLI, GWY]	3
<i>Falco peregrinus</i> (Peregrine / Hebog Tramor)	SJ35	15/08/2012	Recorder Name Withheld	1 Juvenile	Reported to recorder	Site Name Withheld	Comments Withheld	D0062/008/01	BDir1, Bern, CITES, WCA1.1, LBAP[ANG, CON, GWY]	3
<i>Falco subbuteo</i> (Hobby / Hebog yr Ehedydd)	SJ35	2 records, between 04/08/2006 and 04/05/2009	Recorder Name Withheld	1	Reported to recorder	Site Name Withheld	Comments Withheld	D0062/008/01	Bern, CITES, WBA, WCA1.1, LBAP[CON, GWY]	3
<i>Falco subbuteo</i> (Hobby / Hebog yr Ehedydd)	SJ35	05/08/2007	Recorder Name Withheld	2	Reported to recorder	Site Name Withheld	Comments Withheld	D0062/008/01	Bern, CITES, WBA, WCA1.1, LBAP[CON, GWY]	3
<i>Falco subbuteo</i> (Hobby / Hebog yr Ehedydd)	SJ35	14 records, between 04/09/2004 and 21/06/2019	Recorder Name Withheld	1; 1 Adult	Reported to recorder	Site Name Withheld	Comments Withheld	D0062/008/01 , D1297/025/01 , D1297/026/01	Bern, CITES, WBA, WCA1.1, LBAP[CON, GWY]	3
<i>Falco tinnunculus</i> (Kestrel / Cudyll Coch)	SJ360568	06/12/2012	Recorder Name Withheld	1	Field record	Roundabout near Marford, junction of A483 and B5102 / B5445, Denbighshire	On one lamp-post, with a Common buzzard on a lamp-post on the other side of the road.	D0969/001/05	Bern, CITES, S7, UKBA, WBR, LBAP[ANG, CON, DEN, FLI, GWY]	4
<i>Falco tinnunculus</i> (Kestrel / Cudyll Coch)	SJ3757	03/01/2008	Recorder Name Withheld	1	Reported to recorder	Rossett, E	Survey: Observer data	D0062/008/01	Bern, CITES, S7, UKBA, WBR, LBAP[ANG, CON, DEN, FLI, GWY]	3
<i>Falco tinnunculus</i> (Kestrel / Cudyll Coch)	SJ3656	3 records, between 03/02/2009 and 02/03/2017	Recorder Name Withheld	1	Reported to recorder	Marford, N	Survey: Observer data; BirdTrack; Activity: H. Survey: Observer data	D0062/008/01 , D1297/025/01	Bern, CITES, S7, UKBA, WBR, LBAP[ANG, CON, DEN, FLI, GWY]	3
<i>Falco tinnunculus</i> (Kestrel / Cudyll Coch)	SJ3658	16/02/2013	Recorder Name Withheld	1		Broad oak	BirdTrack	D1297/025/01	Bern, CITES, S7, UKBA, WBR, LBAP[ANG, CON, DEN, FLI, GWY]	4
<i>Falco tinnunculus</i> (Kestrel / Cudyll Coch)	SJ3557	2 records, between 28/06/2010 and 31/12/2011	Recorder Name Withheld	1	Reported to recorder	Burton	Survey: Observer data; Activity: FL. Survey: Observer data	D0062/008/01	Bern, CITES, S7, UKBA, WBR, LBAP[ANG, CON, DEN, FLI, GWY]	3
<i>Fringilla montifringilla</i> (Brambling / Pinc y Mynydd)	SJ3656	19/11/2007	Recorder Name Withheld	1	Reported to recorder	Marford, N	Survey: Birdguides data	D0062/008/01	WCA1.1, LBAP[CON]	3
<i>Fringilla montifringilla</i> (Brambling / Pinc y Mynydd)	SJ3557	2 records, between 04/01/2011 and 08/01/2011	Recorder Name Withheld	1; 2	Reported to recorder	Burton	in garden. Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01	WCA1.1, LBAP[CON]	3
<i>Gallinago gallinago</i> (Snipe / Giach Cyffredin)	SJ3757	10/01/2010	Recorder Name Withheld	2		Rossett, E	Birdtrack.: Activity: F	D1297/025/01	BDir2.1, UKBA, WBA, LBAP[ANG, CON, DEN, FLI, GWY]	4
<i>Gallinago gallinago</i> (Snipe / Giach Cyffredin)	SJ3557	26/10/2009	Recorder Name Withheld	1	Reported to recorder	Burton	Survey: Observer data	D0062/008/01	BDir2.1, UKBA, WBA, LBAP[ANG, CON, DEN, FLI, GWY]	3
<i>Hirundo rustica</i> (Swallow / Gwennol)	SJ362566	12/04/2012	Recorder Name Withheld	1	Field record	Gresford Road, Marford	The first one that I have seen this year.	D0969/001/05	Bern, WBA, LBAP[ANG, CON, GWY]	4
<i>Hirundo rustica</i> (Swallow / Gwennol)	SJ3657	2 records, between 25/03/2008 and 20/07/2010	Recorder Name Withheld	1; 4	Reported to recorder	Rossett	First of the year. Survey: Observer data; Birdtrack.: Activity: FL	D0062/008/01 , D1297/025/01	Bern, WBA, LBAP[ANG, CON, GWY]	3
<i>Hirundo rustica</i> (Swallow / Gwennol)	SJ3656	3 records, between 05/08/2007 and 26/04/2009	Recorder Name Withheld	1; 2	Reported to recorder	Marford, N	Survey: Observer data; Activity: H. Survey: Observer data	D0062/008/01	Bern, WBA, LBAP[ANG, CON, GWY]	3

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V
<i>Hirundo rustica</i> (Swallow / Gwennol)	SJ3756	26/04/2009	Recorder Name Withheld	2	Reported to recorder	Rossett, SE	Activity: H. Survey: Observer data	D0062/008/01	Bern, WBA, LBAP[ANG, CON, GWY]	3
<i>Hirundo rustica</i> (Swallow / Gwennol)	SJ3758	23/08/2011	Recorder Name Withheld	6	Reported to recorder	Lavister	Survey: Observer data	D0062/008/01	Bern, WBA, LBAP[ANG, CON, GWY]	3
<i>Hirundo rustica</i> (Swallow / Gwennol)	SJ3557	3 records, between 26/04/2009 and 31/03/2011	Recorder Name Withheld	2; 1	Reported to recorder	Burton	first sighting. Survey: Observer data; Activity: H. Survey: Observer data	D0062/008/01	Bern, WBA, LBAP[ANG, CON, GWY]	3
<i>Larus argentatus</i> (Herring Gull / Gwylan y Penwaig)	SJ3756	18/02/2014	Recorder Name Withheld	127		Rossett, SE	BirdTrack	D1297/025/01	BDir2.2, S7, UKBR, WBR, LBAP[CON, GWY]	4
<i>Larus canus</i> (Common Gull / Gwylan y Gweunydd)	SJ3756	18/02/2014	Recorder Name Withheld	5		Rossett, SE	BirdTrack	D1297/025/01	BDir2.2, UKBA, WBR	4
<i>Linaria cannabina</i> (Linnet / Llinos)	SJ3557	04/04/2005	Recorder Name Withheld	50+	Reported to recorder	Burton	Survey: Observer data	D0062/008/01	Bern, S7, UKBR, WBR, LBAP[ANG, CON, DEN, FLI, GWY]	3
<i>Lymnocyptes minimus</i> (Jack Snipe / Giach Bach)	SJ3557	15/01/2010	Recorder Name Withheld	1	Reported to recorder	Burton	Survey: Observer data	D0062/008/01	BDir2.1, WBA, LBAP[CON]	3
<i>Milvus milvus</i> (Red Kite / Barcud)	SJ35	2 records, between 04/06/2013 and 17/05/2016	Recorder Name Withheld	1		Site Name Withheld	Comments Withheld	D1297/021/01 , D1297/025/01	BDir1, CITES, WBA, WCA1.1, WCA9, LBAP[CON, GWY]	4
<i>Muscicapa striata</i> (Spotted Flycatcher / Gwybedog Mannog)	SJ3657	02/06/2009	Recorder Name Withheld	2	Reported to recorder	Rossett	Survey: Observer data	D0062/008/01	Bern, S7, UKBR, WBR, LBAP[CON, DEN, FLI, GWY]	3
<i>Muscicapa striata</i> (Spotted Flycatcher / Gwybedog Mannog)	SJ3758	28/06/2010	Recorder Name Withheld		Reported to recorder	Lavister	Activity: NY. Survey: Observer data	D0062/008/01	Bern, S7, UKBR, WBR, LBAP[CON, DEN, FLI, GWY]	3
<i>Muscicapa striata</i> (Spotted Flycatcher / Gwybedog Mannog)	SJ3557	14/08/2018	Recorder Name Withheld	1		Burton	Single bird passing through	D1297/025/01	Bern, S7, UKBR, WBR, LBAP[CON, DEN, FLI, GWY]	4
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ3756	2 records, between 28/06/2009 and 05/07/2009	Recorder Name Withheld	5; 1	Reported to recorder	Rossett, SE	Survey: Observer data	D0062/008/01	BDir2.2, S7, UKBR, WBR, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	3
<i>Numenius phaeopus</i> (Whimbrel / Coegylfinir)	SJ35	08/09/2004	Recorder Name Withheld		Reported to recorder	Site Name Withheld	Comments Withheld	D0062/008/01	BDir2.2, UKBR, WBA, WCA1.1, LBAP[CON, GWY]	3
<i>Pandion haliaetus</i> (Osprey / Gwalch y Pysgod)	SJ35	31/05/2009	Recorder Name Withheld	1	Reported to recorder	Site Name Withheld	Comments Withheld	D0062/008/01	BDir1, CITES, UKBA, WBA, WCA1.1, LBAP[GWY]	3
<i>Passer domesticus</i> (House Sparrow / Aderyn y To)	SJ370580 (Approximate)	11/01/2017	Recorder Name Withheld	1 Full-Grown	Live Sighting	Chester Road, Lavister, Wrexham		D1117/001/01	S7, UKBR, WBA, LBAP[CON, FLI, GWY]	4
<i>Passer domesticus</i> (House Sparrow / Aderyn y To)	SJ3657	4 records, between 26/01/2008 and 31/01/2019	Recorder Name Withheld	3	Reported to recorder	Wrexham Denbighshire	Occurrence ID: NBN-GA000567-BGBW2008-22135596-139635787; Occurrence ID: NBN-GA000656-BGBW2009-16446945-106608954; Activity: H. Survey: Observer data	D1852/001/01 , D1852/002/01 , D0062/008/01 , D1297/026/01	S7, UKBR, WBA, LBAP[CON, FLI, GWY]	4
<i>Passer domesticus</i> (House Sparrow / Aderyn y To)	SJ3757	3 records, between 26/01/2008 and 15/12/2013	Recorder Name Withheld	4		Wrexham Denbighshire	Occurrence ID: NBN-GA000567-BGBW2008-22135605-139545677; Occurrence ID: NBN-GA000656-BGBW2009-16447236-106609222; BirdTrack	D1852/001/01 , D1852/002/01 , D1297/025/01	S7, UKBR, WBA, LBAP[CON, FLI, GWY]	4

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V
<i>Passer domesticus</i> (House Sparrow / Aderyn y To)	SJ3656	2 records, between 19/11/2007 and 24/01/2009	Recorder Name Withheld	17	Reported to recorder		Occurrence ID: NBN-GA000656-BGBW2009-16446728-106609001; BTO winter timed tetrad visit. Survey: Observer data	D1852/002/01 , D0062/008/01	S7, UKBR, WBA, LBAP[CON, FLI, GWY]	4
<i>Passer domesticus</i> (House Sparrow / Aderyn y To)	SJ3756	18/02/2014	Recorder Name Withheld	12		Rossett, SE	BirdTrack	D1297/025/01	S7, UKBR, WBA, LBAP[CON, FLI, GWY]	4
<i>Passer domesticus</i> (House Sparrow / Aderyn y To)	SJ3758	4 records, between 26/01/2008 and 02/06/2018	Recorder Name Withheld	2	Reported to recorder	Lavister	Survey: Observer data; Occurrence ID: NBN-GA000567-BGBW2008-21941898-139582829; Occurrence ID: NBN-GA000656-BGBW2009-16447344-106609252	D0062/008/01 , D1852/001/01 , D1852/002/01 , D1297/025/01	S7, UKBR, WBA, LBAP[CON, FLI, GWY]	3
<i>Passer domesticus</i> (House Sparrow / Aderyn y To)	SJ3557	6 records, between 26/01/2008 and 07/01/2011	Recorder Name Withheld	1+ Adult; 200+; 3; 9	Reported to recorder		Occurrence ID: NBN-GA000656-BGBW2009-16446388-106608924; Occurrence ID: NBN-GA000567-BGBW2008-22135591-139441878; in garden. Survey: Observer data; Foraging. Survey: Observer data; Activity: H. Survey: Observer data; Birdtrack:	D1852/002/01 , D1852/001/01 , D0062/008/01 , D1297/025/01	S7, UKBR, WBA, LBAP[CON, FLI, GWY]	4
<i>Passer montanus</i> (Tree Sparrow / Golfan y Mynydd)	SJ3557	9 records, between 03/01/2004 and 13/12/2012	Recorder Name Withheld	1; 3; 1 Juvenile; 2; 30+	Reported to recorder	Burton	Survey: Observer data; Activity: FF. Survey: Observer data; Activity: FL. Survey: Observer data	D0062/008/01	S7, UKBR, WBR, LBAP[ANG, CON, DEN, FLI, GWY]	3
<i>Periparus ater</i> (Coal Tit / Titw Penddu)	SJ3725858086	20/12/2016	Recorder Name Withheld	3	Field record	LL12 0DF		D0969/001/05	Bern, WBA, LBAP[CON]	1
<i>Periparus ater</i> (Coal Tit / Titw Penddu)	SJ3657	2 records, between 14/04/2008 and 24/01/2009	Recorder Name Withheld		Reported to recorder		Occurrence ID: NBN-GA000656-BGBW2009-16447182-106179656; Survey: Observer data	D1852/002/01 , D0062/008/01	Bern, WBA, LBAP[CON]	4
<i>Periparus ater</i> (Coal Tit / Titw Penddu)	SJ3757	24/01/2009 - 25/01/2009	Recorder Name Withheld				Occurrence ID: NBN-GA000656-BGBW2009-16447286-106179862	D1852/002/01	Bern, WBA, LBAP[CON]	4
<i>Periparus ater</i> (Coal Tit / Titw Penddu)	SJ3656	24/01/2009 - 25/01/2009	Recorder Name Withheld				Occurrence ID: NBN-GA000656-BGBW2009-16446728-106179614	D1852/002/01	Bern, WBA, LBAP[CON]	4
<i>Periparus ater</i> (Coal Tit / Titw Penddu)	SJ3758	24/01/2009 - 25/01/2009	Recorder Name Withheld				Occurrence ID: NBN-GA000656-BGBW2009-16447344-106180054	D1852/002/01	Bern, WBA, LBAP[CON]	4
<i>Periparus ater</i> (Coal Tit / Titw Penddu)	SJ3557	5 records, between 13/03/2008 and 14/11/2016	Recorder Name Withheld	2; Adult; 3; 7	Reported to recorder		Occurrence ID: NBN-GA000656-BGBW2009-16446579-106179914; Poss. A pair stayed together. Survey: Observer data; Modest invasion 7 arrived together at garden feeder -migrants?; Birdtrack.; Birdtrack. 7 birds appeared together at garden feeder - migrants?	D1852/002/01 , D0062/008/01 , D1117/001/01 , D1297/025/01	Bern, WBA, LBAP[CON]	4
<i>Phalacrocorax carbo</i> (Cormorant / Mulfran)	SJ3557	2 records, between 09/09/2019 and 28/11/2019	Recorder Name Withheld	1		Rossett weir		D1297/026/01	WBA, LBAP[CON, GWY]	4
<i>Phylloscopus trochilus</i> (Willow Warbler / Telor yr Helyg)	SJ3657	2 records, between 20/07/2010 and 21/08/2010	Recorder Name Withheld	1		Rossett	Birdtrack.; Birdtrack.. Activity: H	D1297/025/01	UKBA, WBR, LBAP[CON]	4
<i>Phylloscopus trochilus</i> (Willow Warbler / Telor yr Helyg)	SJ3557	01/04/2005	Recorder Name Withheld	1	Reported to recorder	Burton	Singing, first of year. Survey: Observer data	D0062/008/01	UKBA, WBR, LBAP[CON]	3
<i>Picus viridis</i> (Green Woodpecker / Cnocell Werdd)	SJ3657	14/04/2008	Recorder Name Withheld		Reported to recorder	Rossett	Survey: Observer data	D0062/008/01	Bern, WBA, LBAP[CON, DEN, FLI, GWY, SNP]	3

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V
<i>Picus viridis</i> (Green Woodpecker / Cnocell Werdd)	SJ3557	2 records, between 16/07/2012 and 02/03/2019	Recorder Name Withheld	1	Reported to recorder	Burton	Activity: FL. Survey: Observer data	D0062/008/01 , D1297/026/01	Bern, WBA, LBAP[CON, DEN, FLI, GWY, SNP]	3
<i>Poecile palustris</i> (Marsh Tit / Titw'r Wern)	SJ36525676 (Observation Point Grid Reference)	08/08/2019	Recorder Name Withheld	1 Full-Grown		Trevalyn Hall	Narrow bib suggests Marsh, not Willow	D1117/001/01	Bern, S7, UKBR, WBR, LBAP[CON, DEN, FLI, GWY]	4
<i>Poecile palustris</i> (Marsh Tit / Titw'r Wern)	SJ3758	28/01/2011	Recorder Name Withheld		Reported to recorder	Lavister	Activity: S. Survey: Observer data	D0062/008/01	Bern, S7, UKBR, WBR, LBAP[CON, DEN, FLI, GWY]	3
<i>Prunella modularis</i> (Dunnock / Llwyd y Gwrych)	SJ3657	2 records, between 24/01/2009 and 31/01/2019	Recorder Name Withheld				Occurrence ID: NBN-GA000656-BGBW2009-16447183-106179980	D1852/002/01 , D1297/026/01	Bern, S7, UKBA, LBAP[CON]	4
<i>Prunella modularis</i> (Dunnock / Llwyd y Gwrych)	SJ3757	24/01/2009 - 25/01/2009	Recorder Name Withheld				Occurrence ID: NBN-GA000656-BGBW2009-16447445-106180040	D1852/002/01	Bern, S7, UKBA, LBAP[CON]	4
<i>Prunella modularis</i> (Dunnock / Llwyd y Gwrych)	SJ3656	4 records, between 22/02/2007 and 12/04/2009	Recorder Name Withheld	3; 2; 2+	Reported to recorder	Marford, N	Survey: Observer data; Activity: S. Survey: Observer data; Occurrence ID: NBN-GA000656-BGBW2009-16446728-106179616	D0062/008/01 , D1852/002/01	Bern, S7, UKBA, LBAP[CON]	3
<i>Prunella modularis</i> (Dunnock / Llwyd y Gwrych)	SJ3756	18/02/2014	Recorder Name Withheld			Rossett, SE	BirdTrack	D1297/025/01	Bern, S7, UKBA, LBAP[CON]	4
<i>Prunella modularis</i> (Dunnock / Llwyd y Gwrych)	SJ3557	3 records, between 24/01/2009 and 27/11/2010	Recorder Name Withheld	2	Reported to recorder		Occurrence ID: NBN-GA000656-BGBW2009-16446579-106179916; Activity: S. Survey: Observer data; Birdtrack:	D1852/002/01 , D0062/008/01 , D1297/025/01	Bern, S7, UKBA, LBAP[CON]	4
<i>Pyrrhula pyrrhula</i> (Bullfinch / Coch y Berllan)	SJ3657	2 records, between 24/01/2009 and 26/04/2009	Recorder Name Withheld	2	Reported to recorder		Occurrence ID: NBN-GA000656-BGBW2009-16446945-105771030; Activity: H. Survey: Observer data	D1852/002/01 , D0062/008/01	S7, UKBA, WBR, LBAP[CON, DEN, FLI, GWY]	4
<i>Pyrrhula pyrrhula</i> (Bullfinch / Coch y Berllan)	SJ3656	2 records, both on 07/12/2008	Recorder Name Withheld	2 Male; 1 Female	Reported to recorder	Marford, N	Survey: Observer data	D0062/008/01	S7, UKBA, WBR, LBAP[CON, DEN, FLI, GWY]	3
<i>Pyrrhula pyrrhula</i> (Bullfinch / Coch y Berllan)	SJ3758	2 records, both on 17/12/2009	Recorder Name Withheld	1 Male; 1 Female	Reported to recorder	Lavister	Survey: Observer data	D0062/008/01	S7, UKBA, WBR, LBAP[CON, DEN, FLI, GWY]	3
<i>Regulus regulus</i> (Goldcrest / Dryw Eurben)	SJ3656	19/11/2007	Recorder Name Withheld	1	Reported to recorder	Marford, N	BTO winter timed tetrad visit. Survey: Observer data	D0062/008/01	Bern, WBA, LBAP[CON]	3
<i>Regulus regulus</i> (Goldcrest / Dryw Eurben)	SJ3557	2 records, between 24/07/2011 and 20/04/2018	Recorder Name Withheld	1	Reported to recorder	Burton	Activity: FL. Survey: Observer data; Activity: S	D0062/008/01 , D1297/025/01	Bern, WBA, LBAP[CON]	3
<i>Sturnus vulgaris</i> (Starling / Drudwen)	SJ3657	3 records, between 26/01/2008 and 31/01/2019	Recorder Name Withheld			Wrexham, Denbighshire	Occurrence ID: NBN-GA000567-BGBW2008-22135842-139635788; Occurrence ID: NBN-GA000656-BGBW2009-16447182-106878482	D1852/001/01 , D1852/002/01 , D1297/026/01	BDir2.2, Bern, S7, UKBR, WBR, LBAP[CON, FLI, GWY]	4
<i>Sturnus vulgaris</i> (Starling / Drudwen)	SJ3757	3 records, between 26/01/2008 and 15/12/2013	Recorder Name Withheld	5		Wrexham, Denbighshire	Occurrence ID: NBN-GA000567-BGBW2008-22135849-139545678; Occurrence ID: NBN-GA000656-BGBW2009-16447286-106878520; BirdTrack	D1852/001/01 , D1852/002/01 , D1297/025/01	BDir2.2, Bern, S7, UKBR, WBR, LBAP[CON, FLI, GWY]	4
<i>Sturnus vulgaris</i> (Starling / Drudwen)	SJ3656	4 records, between 22/02/2007 and 24/01/2009	Recorder Name Withheld	17; 50+	Reported to recorder	Wrexham, Denbighshire	Occurrence ID: NBN-GA000567-BGBW2008-22135843-139493383; Occurrence ID: NBN-GA000656-BGBW2009-16446728-106878473; BTO winter timed tetrad visit. Survey: Observer data; Survey: Observer data	D1852/001/01 , D1852/002/01 , D0062/008/01	BDir2.2, Bern, S7, UKBR, WBR, LBAP[CON, FLI, GWY]	4
<i>Sturnus vulgaris</i> (Starling / Drudwen)	SJ3756	18/02/2014	Recorder Name Withheld	60		Rossett, SE	BirdTrack	D1297/025/01	BDir2.2, Bern, S7, UKBR, WBR, LBAP[CON, FLI, GWY]	4

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V
<i>Sturnus vulgaris</i> (Starling / Drudwen)	SJ3758	3 records, between 26/01/2008 and 02/06/2018	Recorder Name Withheld	141	Reported to recorder	Lavister	Survey: Observer data; Occurrence ID: NBN-GA000567- BGBW2008-21942478-139582830	D1297/025/01 , D0062/008/01 , D1852/001/01	BDir2.2, Bern, S7, UKBR, WBR, LBAP[CON, FLI, GWY]	4
<i>Sturnus vulgaris</i> (Starling / Drudwen)	SJ3557	4 records, between 26/01/2008 and 27/11/2010	Recorder Name Withheld	1; 6	Reported to recorder		Occurrence ID: NBN-GA000656- BGBW2009-16446579- 106878527; Occurrence ID: NBN- GA000567-BGBW2008-22135839- 139622313; Activity: H. Survey: Observer data; Birdtrack:	D1852/002/01 , D1852/001/01 , D0062/008/01 , D1297/025/01	BDir2.2, Bern, S7, UKBR, WBR, LBAP[CON, FLI, GWY]	4
<i>Sylvia borin</i> (Garden Warbler / Telor yr Ardd)	SJ3557	30/04/2018	Recorder Name Withheld	1		Burton	Activty: S	D1297/025/01	WBA, LBAP[CON]	4
<i>Tringa ochropus</i> (Green Sandpiper / Pibydd Gwyrdd)	SJ3657	2 records, between 20/03/2009 and 07/10/2009	Recorder Name Withheld	1	Reported to recorder	Rossett	Survey: Observer data; Last sighting of wintering bird. Survey: Observer data	D0062/008/01	Bern, UKBA, WCA1.1, LBAP[CON]	3
<i>Tringa ochropus</i> (Green Sandpiper / Pibydd Gwyrdd)	SJ3557	6 records, between 12/10/2009 and 07/01/2012	Recorder Name Withheld	1	Reported to recorder	Burton	Survey: Observer data; Birdtrack. bird present for 4th winter	D0062/008/01 , D1297/025/01	Bern, UKBA, WCA1.1, LBAP[CON]	3
<i>Tringa totanus</i> (Redshank / Pibydd Coesgoch)	SJ3657	06/01/2009	Recorder Name Withheld	2	Reported to recorder	Rossett	Survey: Observer data	D0062/008/01	BDir2.2, UKBA, WBA, LBAP[ANG, CON, GWY]	3
<i>Turdus iliacus</i> (Redwing / Coch Dan Adain)	SJ3656	3 records, between 18/02/2007 and 19/11/2007	Recorder Name Withheld	23; 20+; 50+	Reported to recorder	Marford, N	BTO winter timed tetrad visit. Survey: Observer data; Survey: Observer data	D0062/008/01	BDir2.2, UKBR, WBA, WCA1.1, LBAP[CON]	3
<i>Turdus iliacus</i> (Redwing / Coch Dan Adain)	SJ3756	18/02/2014	Recorder Name Withheld	7		Rossett, SE	BirdTrack	D1297/025/01	BDir2.2, UKBR, WBA, WCA1.1, LBAP[CON]	4
<i>Turdus iliacus</i> (Redwing / Coch Dan Adain)	SJ3557	3 records, between 30/12/2006 and 29/10/2019	Recorder Name Withheld	40; 1; c90	Reported to recorder	Burton	over. Survey: Observer data; Survey: Observer data	D0062/008/01 , D1297/026/01	BDir2.2, UKBR, WBA, WCA1.1, LBAP[CON]	3
<i>Turdus philomelos</i> (Song Thrush / Bronfraith)	SJ3657	24/01/2009 - 25/01/2009	Recorder Name Withheld				Occurrence ID: NBN-GA000656- BGBW2009-16446945-106817292	D1852/002/01	BDir2.2, Bern, S7, UKBR, WBA, LBAP[ANG, CON, DEN, FLI, GWY, SNP, WRE]	4
<i>Turdus philomelos</i> (Song Thrush / Bronfraith)	SJ3757	24/01/2009 - 25/01/2009	Recorder Name Withheld				Occurrence ID: NBN-GA000656- BGBW2009-16447235-106817320	D1852/002/01	BDir2.2, Bern, S7, UKBR, WBA, LBAP[ANG, CON, DEN, FLI, GWY, SNP, WRE]	4
<i>Turdus philomelos</i> (Song Thrush / Bronfraith)	SJ3656	3 records, between 02/04/2006 and 26/04/2009	Recorder Name Withheld	1	Reported to recorder	Marford, N	Survey: Observer data; Activity: FF. Survey: Observer data; BTO winter timed tetrad visit. Survey: Observer data	D0062/008/01	BDir2.2, Bern, S7, UKBR, WBA, LBAP[ANG, CON, DEN, FLI, GWY, SNP, WRE]	3
<i>Turdus philomelos</i> (Song Thrush / Bronfraith)	SJ3557	3 records, between 28/02/2004 and 15/09/2012	Recorder Name Withheld	1; 3	Reported to recorder	Burton	in garden - unusual now. Survey: Observer data; Singing. Survey: Observer data; Activity: S. Survey: Observer data	D0062/008/01	BDir2.2, Bern, S7, UKBR, WBA, LBAP[ANG, CON, DEN, FLI, GWY, SNP, WRE]	3
<i>Turdus pilaris</i> (Fieldfare / Socan Eira)	SJ368565	17/01/2015	Recorder Name Withheld	2. Adult		Trevalyn OLd Hosp.		D1117/001/01	BDir2.2, UKBR, WBA, WCA1.1, LBAP[CON]	4
<i>Turdus pilaris</i> (Fieldfare / Socan Eira)	SJ3757	15/12/2013	Recorder Name Withheld	2		Rossett, E	BirdTrack	D1297/025/01	BDir2.2, UKBR, WBA, WCA1.1, LBAP[CON]	4
<i>Turdus pilaris</i> (Fieldfare / Socan Eira)	SJ3656	2 records, between 19/11/2007 and 07/12/2008	Recorder Name Withheld	2	Reported to recorder	Marford, N	BTO winter timed tetrad visit. Survey: Observer data; Survey: Observer data	D0062/008/01	BDir2.2, UKBR, WBA, WCA1.1, LBAP[CON]	3

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V
<i>Turdus pilaris</i> (Fieldfare / Socan Eira)	SJ3557	4 records, between 18/02/2004 and 21/09/2012	Recorder Name Withheld	150+; 7	Reported to recorder	Burton	first of autumn. Survey: Observer data; Survey: Observer data; Birdtrack:	D0062/008/01 , D1297/025/01	BDir2.2, UKBR, WBA, WCA1.1, LBAP[CON]	3
<i>Tyto alba</i> (Barn Owl / Tylluan Wen)	SJ35	2 records, between 07/02/2005 and 23/12/2007	Recorder Name Withheld	1	Reported to recorder	Site Name Withheld	Comments Withheld	D0062/008/01	Bern, CITES, WBA, WCA1.1, WCA9, LBAP[ANG, CON, DEN, FLI, GWY, SNP, WRE]	3
<i>Tyto alba</i> (Barn Owl / Tylluan Wen)	SJ35	2 records, both on 06/07/2010	Recorder Name Withheld	1 Female; 1 Male	Reported to recorder	Site Name Withheld	Comments Withheld	D0062/008/01	Bern, CITES, WBA, WCA1.1, WCA9, LBAP[ANG, CON, DEN, FLI, GWY, SNP, WRE]	3
<i>Tyto alba</i> (Barn Owl / Tylluan Wen)	SJ35	3 records, between 18/12/2009 and 03/10/2012	Recorder Name Withheld	1	Reported to recorder	Site Name Withheld	Comments Withheld	D0062/008/01 , D1297/025/01	Bern, CITES, WBA, WCA1.1, WCA9, LBAP[ANG, CON, DEN, FLI, GWY, SNP, WRE]	3
<i>Vanellus vanellus</i> (Lapwing / Cornchwiglen)	SJ3757	03/01/2008	Recorder Name Withheld	120+	Reported to recorder	Rossett, E	Survey: Observer data	D0062/008/01	BDir2.2, S7, UKBR, WBR, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	3
<i>Vanellus vanellus</i> (Lapwing / Cornchwiglen)	SJ3756	3 records, between 12/04/2009 and 05/07/2009	Recorder Name Withheld	2; 16; 3	Reported to recorder	Rossett, SE	Activity: H. Survey: Observer data; Survey: Observer data	D0062/008/01	BDir2.2, S7, UKBR, WBR, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	3
<i>Vanellus vanellus</i> (Lapwing / Cornchwiglen)	SJ3658	3 records, between 21/11/2015 and 28/12/2016	Recorder Name Withheld	200; 120; 400		Broad oak	Bird Track; BirdTrack	D1297/025/01	BDir2.2, S7, UKBR, WBR, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	4
<i>Vanellus vanellus</i> (Lapwing / Cornchwiglen)	SJ3557	3 records, between 04/01/2009 and 28/11/2010	Recorder Name Withheld	3; 1; 9	Reported to recorder	Burton	Survey: Observer data; Birdtrack:	D0062/008/01 , D1297/025/01	BDir2.2, S7, UKBR, WBR, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	3

Butterflies and Moths										
Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V
<i>Acronicta psi</i> (Grey Dagger / Bidog Llwyd)	SJ374579	16 records, between 14/05/1982 and 29/07/2002	Recorder Name Withheld	1 Adult		Darland lane Rossett	Habitat: Garden: rural. Method: MV Light Trap	D1285/001/03	S7, LBAP[GWY]	3
<i>Acronicta psi</i> (Grey Dagger / Bidog Llwyd)	SJ376568	27/06/2015	Recorder Name Withheld	1 Adult		Garden, Harwoods Lane, Rossett	Method: 125 watt MV	D1285/001/03	S7, LBAP[GWY]	3
<i>Acronicta rumicis</i> (Knot Grass / Bidog Tafol)	SJ374579	6 records, between 05/06/1965 and 14/06/1992	Recorder Name Withheld	1 Adult		Darland lane Rossett	Habitat: Garden: rural. Method: MV Light; Habitat: Garden: rural. Method: MV Light Trap	D1285/001/03	S7, LBAP[GWY]	3
<i>Agrochola litura</i> (Brown-spot Pinion / Castan Smotyn Brown)	SJ374575	2 records, between 07/09/2008 and 19/09/2008	Recorder Name Withheld	2 Adult		Rossett	Habitat: Garden: rural. Method: MV Trap(s) (left overnight)	D1285/001/03	S7, LBAP[GWY]	3
<i>Agrochola litura</i> (Brown-spot Pinion / Castan Smotyn Brown)	SJ374579	15 records, between 08/10/1966 and 08/10/2016	Recorder Name Withheld	1 Adult; 4 Adult		Darland lane Rossett	Habitat: Garden: rural. Method: MV Light left overnight; Habitat: Garden: rural. Method: MV Light Trap; Habitat: Garden: rural. Method: MV Trap(s) (left overnight)	D1285/001/03	S7, LBAP[GWY]	3
<i>Agrochola litura</i> (Brown-spot Pinion / Castan Smotyn Brown)	SJ3657	1966	Recorder Name Withheld	present		Rossett		D0217/001/04	S7, LBAP[GWY]	3
<i>Agrochola lychnidis</i> (Beaded Chestnut / Castan Leiniog)	SJ374579	14 records, between 01/10/1964 and 18/10/2015	Recorder Name Withheld	1 Adult; 2 Adult		Darland lane Rossett	Habitat: Garden: rural. Method: MV Light left overnight; Habitat: Garden: rural. Method: MV Light Trap	D1285/001/03	S7, LBAP[GWY]	3
<i>Agrochola lychnidis</i> (Beaded Chestnut / Castan Leiniog)	SJ376568	10 records, between 28/09/2015 and 29/10/2016	Recorder Name Withheld	4 Adult; 2 Adult; 1 Adult; 3 Adult; 5 Adult		Garden, Harwoods Lane, Rossett	Method: 125 watt MV; Q?. Method: 125 watt MV; Habitat: Semi-rural. Method: Robinson MV Trap (125W)	D1285/001/03	S7, LBAP[GWY]	3
<i>Allophytes oxyacanthae</i> (Green-brindled Crescent / Cilgant Brych)	SJ374579	12 records, between 04/10/1963 and 09/10/2010	Recorder Name Withheld	2 Adult; 1 Adult; 1 adult	Field record	Darland lane Rossett	Habitat: Garden: rural. Method: MV Light left overnight; Habitat: Garden: rural. Method: MV Light; Habitat: Garden: rural. Method: MV Light Trap; Habitat: Garden: rural. Method: MV Trap(s) (left overnight)	D1285/001/03 , D0969/001/05	S7, LBAP[GWY]	3
<i>Allophytes oxyacanthae</i> (Green-brindled Crescent / Cilgant Brych)	SJ376568	7 records, between 26/10/2015 and 29/10/2016	Recorder Name Withheld	2 Adult; 1 Adult; 3 Adult		Garden, Harwoods Lane, Rossett	Method: 125 watt MV; Habitat: Semi-rural. Method: Robinson MV Trap (125W)	D1285/001/03	S7, LBAP[GWY]	3
<i>Amphipoea oculea</i> (Ear Moth / Clustwyfyn Llygeidiog)	SJ374579	4 records, between 08/09/1980 and 07/08/2013	Recorder Name Withheld	1 Adult		Darland lane Rossett	Habitat: Garden: rural. Method: MV Light left overnight; Habitat: Garden: rural. Method: MV Light Trap	D1285/001/03	S7, LBAP[GWY]	3
<i>Amphipyra tragopoginis</i> (Mouse Moth / Ôl-adain Lyglwyd)	SJ374575	31/08/2008	Recorder Name Withheld	1 Adult		Rossett	Habitat: Garden: rural. Method: MV Trap(s) (left overnight)	D1285/001/03	S7, LBAP[GWY]	3
<i>Amphipyra tragopoginis</i> (Mouse Moth / Ôl-adain Lyglwyd)	SJ374579	8 records, between 12/09/1965 and 03/09/2011	Recorder Name Withheld	1 Adult		Darland lane Rossett	Habitat: Garden: rural. Method: MV Light Traps; Habitat: Garden: rural. Method: MV Light Trap	D1285/001/03	S7, LBAP[GWY]	3
<i>Amphipyra tragopoginis</i> (Mouse Moth / Ôl-adain Lyglwyd)	SJ3657	1966	Recorder Name Withheld	present		Rossett		D0217/001/04	S7, LBAP[GWY]	3
<i>Apamea remissa</i> (Dusky Brocade / Brithyn Llwydolau)	SJ374579	12 records, between 07/07/1962 and 21/06/2009	Recorder Name Withheld	1 Adult; 1 adult	Field record	Darland lane Rossett	Habitat: Garden: rural. Method: MV Light Trap; Habitat: Garden: rural. Method: MV Light left overnight	D1285/001/03 , D0969/001/05	S7, LBAP[GWY]	3

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V
<i>Apamea remissa</i> (Dusky Brocade / Brithyn Llwydolau)	SJ376568	3 records, between 25/07/2015 and 10/06/2016	Recorder Name Withheld	1; 3 Adult		Garden, Harwoods Lane, Rossett	Method: 125 watt MV; Habitat: Semi-rural. Method: Robinson MV Trap (125W)	D1285/001/03	S7, LBAP[GWY]	3
<i>Aporophyla lutulenta</i> (Deep-brown Dart / Gwladwr Brownddu)	SJ374579	7 records, between 01/07/1966 and 16/09/1982	Recorder Name Withheld	1 Adult	Trapped at tungsten light	Darland lane Rossett	Habitat: Garden: rural. Method: MV Light; Habitat: Garden: rural. Method: MV Light Trap	D1285/001/03 , D0969/001/05	S7	3
<i>Aporophyla lutulenta</i> (Deep-brown Dart / Gwladwr Brownddu)	SJ3657	1966	Recorder Name Withheld	present		Rossett		D0217/001/04	S7	3
<i>Arctia caja</i> (Garden Tiger / Teigr yr Ardd)	SJ374579	27 records, between 20/07/1971 and 28/06/2016	Recorder Name Withheld	1 Adult		Darland lane Rossett	Habitat: Garden: rural. Method: MV Light left overnight; Habitat: Garden: rural. Method: MV Light; Habitat: Garden: rural. Method: MV Light Trap	D1285/001/03	S7, LBAP[GWY]	3
<i>Arctia caja</i> (Garden Tiger / Teigr yr Ardd)	SJ376568	24/06/2016	Recorder Name Withheld	1 Adult		Garden, Harwoods Lane, Rossett	Method: 125 watt MV	D1285/001/03	S7, LBAP[GWY]	3
<i>Arctia caja</i> (Garden Tiger / Teigr yr Ardd)	SJ3657	1968	Recorder Name Withheld	present		Rossett		D0217/001/04	S7, LBAP[GWY]	3
<i>Asteroscopus sphinx</i> (Sprawler / Cwccwl Bwaog)	SJ374575	1972	Recorder Name Withheld	1 Adult		Rossett	Habitat: Garden: rural. Method: At street lamp	D1285/001/03	S7	3
<i>Asteroscopus sphinx</i> (Sprawler / Cwccwl Bwaog)	SJ374579	7 records, between 27/10/1966 and 12/11/1988	Recorder Name Withheld	1 Adult		Darland lane Rossett	Habitat: Garden: rural. Method: MV Light; Habitat: Garden: rural. Method: MV Light Trap	D1285/001/03	S7	3
<i>Asteroscopus sphinx</i> (Sprawler / Cwccwl Bwaog)	SJ3657	1972	Recorder Name Withheld			Rossett	Ann Rep & Proc Lancs & Cheshire Ent Soc 1972-73, 96 45.	D0217/001/04	S7	3
<i>Asteroscopus sphinx</i> (Sprawler / Cwccwl Bwaog)	SJ3757	27/11/1972	Recorder Name Withheld		Field record	Marford	Utp 2005 312	D0969/001/05	S7	1
<i>Atethmia centrargo</i> (Centre-barred Sallow / Melyn yr Ynn)	SJ374575	3 records, between 29/08/2008 and 31/08/2008	Recorder Name Withheld	2 Adult; 1 Adult		Rossett	Habitat: Garden: rural. Method: MV Trap(s) (left overnight)	D1285/001/03	S7, LBAP[GWY]	3
<i>Atethmia centrargo</i> (Centre-barred Sallow / Melyn yr Ynn)	SJ374579	21 records, between 08/09/1970 and 02/09/2016	Recorder Name Withheld	1 Adult		Darland lane Rossett	Habitat: Garden: rural. Method: MV Light Trap; Habitat: Garden: rural. Method: MV Light left overnight; Habitat: Garden: rural. Method: MV Light Traps	D1285/001/03	S7, LBAP[GWY]	3
<i>Atethmia centrargo</i> (Centre-barred Sallow / Melyn yr Ynn)	SJ376568	30/08/2016	Recorder Name Withheld	3 Adult		Garden, Harwoods Lane, Rossett	Method: 125 watt MV	D1285/001/03	S7, LBAP[GWY]	3
<i>Caradrina morpheus</i> (Mottled Rustic / Gwladwr Brith)	SJ374575	30/06/2008	Recorder Name Withheld	2 Adult		Rossett	Habitat: Garden: rural. Method: MV Trap(s) (left overnight)	D1285/001/03	S7, LBAP[GWY]	3
<i>Caradrina morpheus</i> (Mottled Rustic / Gwladwr Brith)	SJ374579	9 records, between 07/07/1965 and 18/06/2012	Recorder Name Withheld	1 Adult; 2 Adult		Darland lane Rossett	Habitat: Garden: rural. Method: MV Light left overnight; Habitat: Garden: rural. Method: MV Trap(s) (left overnight); Habitat: Garden: rural. Method: MV Light Trap	D1285/001/03	S7, LBAP[GWY]	3
<i>Caradrina morpheus</i> (Mottled Rustic / Gwladwr Brith)	SJ376568	01/07/2016	Recorder Name Withheld	1 Adult		Garden, Harwoods Lane, Rossett	Method: 125 watt MV	D1285/001/03	S7, LBAP[GWY]	3

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V
<i>Celaena haworthii</i> (Haworth's Minor / Gwyfyn Plu'r Gweunydd)	SJ374579	03/09/1970	Recorder Name Withheld	1 Adult		Darland lane Rossett	Habitat: Garden: rural. Method: MV Light Trap	D1285/001/03	S7, LBAP[GWY]	3
<i>Ceramica pisi</i> (Broom Moth)	SJ374579	12 records, between 17/06/1967 and 02/06/2002	Recorder Name Withheld	1 Adult		Darland lane Rossett	Habitat: Garden: rural. Method: MV Light Trap	D1285/001/03	S7, LBAP[GWY]	3
<i>Chesias legatella</i> (Streak / Rhesen y Banadl)	SJ374579	2 records, between 11/11/1990 and 05/10/1995	Recorder Name Withheld	1 Adult		Darland lane Rossett	Habitat: Garden: rural. Method: MV Light Trap	D1285/001/03	S7	3
<i>Chiasmia clathrata</i> (Latticed Heath / Seffyr Delltog)	SJ374579	8 records, between 02/06/1971 and 14/07/1996	Recorder Name Withheld	1 Adult; 1 adult	Field record	Darland lane Rossett	Habitat: Garden: rural. Method: MV Light; Habitat: Garden: rural. Method: MV Light Trap	D1285/001/03 , D0969/001/05	S7, LBAP[GWY]	3
<i>Chiasmia clathrata</i> (Latticed Heath / Seffyr Delltog)	SJ3657	1969	Recorder Name Withheld			Rossett		D0217/001/04	S7, LBAP[GWY]	3
<i>Cirrhia gilvago</i> (Dusky-lemon Sallow)	SJ374579	8 records, between 17/07/1956 and 13/09/1982	Recorder Name Withheld	1 Adult; 1 adult	Field record	Darland lane Rossett	Habitat: Garden: rural. Method: MV Light; Habitat: Garden: rural. Method: MV Light Trap	D1285/001/03 , D0969/001/05	S7	3
<i>Cirrhia gilvago</i> (Dusky-lemon Sallow)	SJ3657	17/09/1976	Recorder Name Withheld	present		Rossett	Ann Rep & Proc Lancs & Cheshire Ent Soc 1976/77 41. Exhibited at meeting 27.10.76	D0217/001/04	S7	3
<i>Cirrhia icteritia</i> (Sallow)	SJ374579	16 records, between 30/08/1965 and 11/09/2010	Recorder Name Withheld	1 adult; 1 Adult; 2 Adult	Field record	Darland Lane, Lavister, Rossett	Habitat: Garden: rural. Method: MV Light; Habitat: Garden: rural. Method: MV Light Trap; Habitat: Garden: rural. Method: MV Trap(s) (left overnight)	D0969/001/05 , D1285/001/03	S7, LBAP[GWY]	1
<i>Cirrhia icteritia</i> (Sallow)	SJ376568	3 records, between 28/09/2015 and 30/08/2016	Recorder Name Withheld	1 Adult		Garden, Harwoods Lane, Rossett	Method: 125 watt MV; Habitat: Semi-rural. Method: Robinson MV Trap (125W)	D1285/001/03	S7, LBAP[GWY]	3
<i>Coenonympha pamphilus</i> (Small Heath / Gweirlöyn Bach y Waun)	SJ3657	1968	Recorder Name Withheld	present		Rossett		D0217/001/04	RD1(UK)NT, S7, LBAP[GWY]	3
<i>Coenonympha pamphilus</i> (Small Heath / Gweirlöyn Bach y Waun)	SJ3656	1983 approx	Recorder Name Withheld			Marford Quarry		D0217/001/04	RD1(UK)NT, S7, LBAP[GWY]	3
<i>Diarsia rubi</i> (Small Square-spot / Smotyn Sgwar Bach)	SJ374575	2 records, between 01/06/2008 and 31/07/2008	Recorder Name Withheld	3 Adult; 4 Adult		Rossett	Habitat: Garden: rural. Method: MV Trap(s) (left overnight)	D1285/001/03	S7, LBAP[GWY]	3
<i>Diarsia rubi</i> (Small Square-spot / Smotyn Sgwar Bach)	SJ374579	20 records, between 15/09/1963 and 28/06/2016	Recorder Name Withheld	1 Adult; 4 Adult; 5 Adult; 3 Adult; 1 adult	Field record	Darland lane Rossett	Habitat: Garden: rural. Method: MV Light Trap; Habitat: Garden: rural. Method: MV Light left overnight; Habitat: Garden: rural. Method: MV Trap(s) (left overnight)	D1285/001/03 , D0969/001/05	S7, LBAP[GWY]	3
<i>Diarsia rubi</i> (Small Square-spot / Smotyn Sgwar Bach)	SJ362569	03/06/2016	Recorder Name Withheld	3 Adult		Trevalyn Hall	Method: 125 watt MV	D1285/001/03	S7, LBAP[GWY]	3
<i>Diarsia rubi</i> (Small Square-spot / Smotyn Sgwar Bach)	SJ376568	12 records, between 23/05/2015 and 07/08/2015	Recorder Name Withheld	1 Adult; 2 Adult; 7 Adult; 5 Adult; 3 Adult		Garden, Harwoods Lane, Rossett	Method: 125 watt MV; Habitat: Semi-rural. Method: Robinson MV Trap (125W)	D1285/001/03	S7, LBAP[GWY]	3
<i>Diloba caeruleocephala</i> (Figure of Eight / Crwbach Ffigwr Wyth)	SJ374579	14 records, between 19/10/1964 and 08/10/2016	Recorder Name Withheld	1 Adult		Darland lane Rossett	Habitat: Garden: rural. Method: MV Light left overnight; Habitat: Garden: rural. Method: MV Light; Habitat: Garden: rural. Method: MV Light Trap	D1285/001/03	S7	3

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V
<i>Diloba caeruleocephala</i> (Figure of Eight / Crwbach Ffigwr Wyth)	SJ376568	2 records, between 21/10/2016 and 29/10/2016	Recorder Name Withheld	1 Adult		Garden, Harwoods Lane, Rossett	Method: 125 watt MV; Method: came to window	D1285/001/03	S7	3
<i>Ecliptopera silaceata</i> (Small Phoenix / Ffenics Bach)	SJ374579	7 records, between 24/08/1968 and 06/06/2000	Recorder Name Withheld	1 Adult		Darland lane Rossett	Habitat: Garden: rural. Method: MV Light	D1285/001/03	S7, LBAP[GWY]	3
<i>Ecliptopera silaceata</i> (Small Phoenix / Ffenics Bach)	SJ3757	21/05/1973	Recorder Name Withheld		Field record	Marford	Utp, 2005/312	D0969/001/05	S7, LBAP[GWY]	1
<i>Ennomos erosaria</i> (September Thorn / Carpiog Medi)	SJ374575	2 records, between 25/07/2008 and 04/08/2008	Recorder Name Withheld	1 Adult		Rossett	Habitat: Garden: rural. Method: MV Trap(s) (left overnight)	D1285/001/03	S7	3
<i>Ennomos erosaria</i> (September Thorn / Carpiog Medi)	SJ374579	32 records, between 08/10/1965 and 14/08/2016	Recorder Name Withheld	4 Adult; 1 Adult; 2 Adult; 3 Adult; 1 adult	Field record	Darland lane Rossett	Habitat: Garden: rural. Method: MV Light left overnight; Habitat: Garden: rural. Method: MV Light; Habitat: Garden: rural. Method: MV Light Trap; Habitat: Garden: rural. Method: MV Light Traps; Habitat: Garden: rural. Method: MV Trap(s) (left overnight)	D1285/001/03 , D0969/001/05	S7	3
<i>Ennomos erosaria</i> (September Thorn / Carpiog Medi)	SJ3657	1966	Recorder Name Withheld	present		Rossett	Ann Rep & Proc Lancs & Cheshire Ent Soc 1966/67 90,47 Exhibited 22.11.66	D0217/001/04	S7	3
<i>Ennomos fuscantaria</i> (Dusky Thorn / Carpiog Tywyll)	SJ374575	5 records, between 16/08/2008 and 19/09/2008	Recorder Name Withheld	1 Adult; 4 Adult; 2 Adult		Rossett	Habitat: Garden: rural. Method: MV Trap(s) (left overnight)	D1285/001/03	S7, LBAP[GWY]	3
<i>Ennomos fuscantaria</i> (Dusky Thorn / Carpiog Tywyll)	SJ374579	42 records, between 15/09/1982 and 15/09/2016	Recorder Name Withheld	4 Adult; 8 Adult; 1 Adult; 2 Adult; 5 Adult; 7 Adult; 3 Adult		Darland lane Rossett	Habitat: Garden: rural. Method: MV Light left overnight; Habitat: Garden: rural. Method: MV Light Trap; Habitat: Garden: rural. Method: MV Light Traps; Habitat: Garden: rural. Method: MV Trap(s) (left overnight)	D1285/001/03	S7, LBAP[GWY]	3
<i>Ennomos fuscantaria</i> (Dusky Thorn / Carpiog Tywyll)	SJ376568	3 records, between 28/09/2015 and 30/08/2016	Recorder Name Withheld	2 Adult; 1 Adult		Garden, Harwoods Lane, Rossett	Method: 125 watt MV; Habitat: Semi-rural. Method: Robinson MV Trap (125W)	D1285/001/03	S7, LBAP[GWY]	3
<i>Erynnis tages</i> (Dingy Skipper / Gwibiwr Llwyd)	SJ3656	1983 approx	Recorder Name Withheld			Marford Quarry		D0217/001/04	RD1(UK)VU, S7, LBAP[CON, FLI, GWY]	3
<i>Eugnorisma glareosa</i> (Autumnal Rustic / Gwladwr yr Hydref)	SJ374579	4 records, between 04/09/1973 and 18/09/1982	Recorder Name Withheld	1 Adult		Darland lane Rossett	Habitat: Garden: rural. Method: MV Light Trap	D1285/001/03	S7, LBAP[GWY]	3
<i>Eugnorisma glareosa subsp. glareosa</i> (Autumnal Rustic)	SJ374579	3 records, between 04/09/1973 and 18/09/1982	Recorder Name Withheld	1 adult	Field record	Darland Lane, Lavister, Rossett		D0969/001/05	S7, LBAP[GWY]	1
<i>Eulithis mellinata</i> (Spinach / Brychan Cwrens)	SJ374579	13 records, between 02/07/1965 and 24/06/2016	Recorder Name Withheld	2 Adult; 1 Adult; 3 Adult		Darland lane Rossett	Habitat: Garden: rural. Method: MV Light left overnight; Habitat: Garden: rural. Method: MV Light Trap; Habitat: Garden: rural. Method: MV Light Traps	D1285/001/03	S7, LBAP[GWY]	3
<i>Eulithis mellinata</i> (Spinach / Brychan Cwrens)	SJ3657	1982	Recorder Name Withheld			Rossett		D0217/001/04	S7, LBAP[GWY]	3

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V
<i>Euxoa nigricans</i> (Garden Dart / Dart y Gerddi)	SJ374579	3 records, between 27/07/1973 and 22/07/1992	Recorder Name Withheld	1 Adult		Darland lane Rossett	Habitat: Garden: rural. Method: MV Light Trap	D1285/001/03	S7, LBAP[GWY]	3
<i>Euxoa tritici</i> (White-line Dart / Dart Gwynresog)	SJ374579	12/08/1994	Recorder Name Withheld	1 Adult		Darland lane Rossett	Habitat: Garden: rural. Method: MV Light Trap	D1285/001/03	S7, LBAP[GWY]	3
<i>Helotropha leucostigma</i> (Crescent)	SJ374579	13 records, between 20/08/1966 and 02/08/2013	Recorder Name Withheld	1 Adult; 1 adult	Field record	Darland lane Rossett	Habitat: Garden: rural. Method: MV Light left overnight; Habitat: Garden: rural. Method: MV Light Trap; Habitat: Garden: rural. Method: MV Light Traps; Habitat: Garden: rural. Method: MV Trap(s) (left overnight)	D1285/001/03 , D0969/001/05	S7	3
<i>Helotropha leucostigma</i> (Crescent)	SJ3657	25/07/1971	Recorder Name Withheld	present		Rossett	Ann Rep & Proc Lancs & Cheshire Ent Soc 1971/72 95,31 Exhibited at meeting 27.10.71	D0217/001/04	S7	3
<i>Hepialus humuli</i> (Ghost Moth / Chwimwyfyn Rhithiol)	SJ374575	25/06/2008	Recorder Name Withheld	1 Adult		Rossett	Habitat: Garden: rural. Method: MV Trap(s) (left overnight)	D1285/001/03	S7, LBAP[GWY]	3
<i>Hepialus humuli</i> (Ghost Moth / Chwimwyfyn Rhithiol)	SJ374579	16 records, between 20/06/1969 and 03/07/2015	Recorder Name Withheld	1 Adult		Darland lane Rossett	Habitat: Garden: rural. Method: MV Light left overnight; Recorded as Ghost Swift. Habitat: Garden: rural. Method: MV Light left overnight; Habitat: Garden: rural. Method: MV Light; Habitat: Garden: rural. Method: MV Light Trap; Habitat: Garden: rural. Method: MV Trap(s) (left overnight)	D1285/001/03	S7, LBAP[GWY]	3
<i>Hepialus humuli</i> (Ghost Moth / Chwimwyfyn Rhithiol)	SJ376568	2 records, between 27/06/2015 and 01/07/2015	Recorder Name Withheld	2 Adult		Garden, Harwoods Lane, Rossett	Method: 125 watt MV	D1285/001/03	S7, LBAP[GWY]	3
<i>Hepialus humuli</i> (Ghost Moth / Chwimwyfyn Rhithiol)	SJ3757	01/06/1972	Recorder Name Withheld		Field record	Marford	Utp, 2005/312	D0969/001/05	S7, LBAP[GWY]	1
<i>Hepialus humuli humuli</i> (Ghost Moth)	SJ376568	2 records, between 27/06/2015 and 01/07/2015	Recorder Name Withheld	2 Adult		Harwoods Lane, Rossett	Habitat: Semi-rural. Method: Robinson MV Trap (125W)	D1285/001/03		3
<i>Hipparchia semele</i> (Grayling / Gweirlöyn Llwyd)	SJ3657	1989	Recorder Name Withheld	Female	Field record	Rossett	Ann Rep & Proc Lancs & Cheshire Ent Soc 1989/90 113, p162.	D0217/001/04	RD1(UK)VU, S7, LBAP[GWY]	3
<i>Hipparchia semele</i> (Grayling / Gweirlöyn Llwyd)	SJ3656	1983 approx	Recorder Name Withheld			Marford Quarry		D0217/001/04	RD1(UK)VU, S7, LBAP[GWY]	3
<i>Hydraecia micacea</i> (Rosy Rustic / Gwladwr Gwridog)	SJ374575	26/09/2008	Recorder Name Withheld	1 Adult		Rossett	Habitat: Garden: rural. Method: MV Trap(s) (left overnight)	D1285/001/03	S7, LBAP[GWY]	3
<i>Hydraecia micacea</i> (Rosy Rustic / Gwladwr Gwridog)	SJ374579	31 records, between 22/08/1965 and 15/09/2016	Recorder Name Withheld	1 Adult; 2 Adult; 3 Adult; 1 adult	Field record	Darland lane Rossett	Habitat: Garden: rural. Method: MV Light left overnight; Habitat: Garden: rural. Method: MV Light; Habitat: Garden: rural. Method: MV Light Trap; Habitat: Garden: rural. Method: MV Light Traps; Habitat: Garden: rural. Method: MV Trap(s) (left overnight)	D1285/001/03 , D0969/001/05	S7, LBAP[GWY]	3
<i>Hydraecia micacea</i> (Rosy Rustic / Gwladwr Gwridog)	SJ376568	11 records, between 07/08/2015 and 29/10/2016	Recorder Name Withheld	4 Adult; 3 Adult; 1 Adult; 2 Adult		Garden, Harwoods Lane, Rossett	Method: 125 watt MV; Habitat: Semi-rural. Method: Robinson MV Trap (125W)	D1285/001/03	S7, LBAP[GWY]	3

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V
<i>Hydraecia micacea</i> (Rosy Rustic / Gwladwr Gwridog)	SJ3757	09/10/1971	Recorder Name Withheld		Field record	Marford	Utlp, 2005/312	D0969/001/05	S7, LBAP[GWY]	1
<i>Lasiommata megera</i> (Wall / Gweirlöyn y Cloddiau)	SJ374579	12/05/1990	Recorder Name Withheld	1 adult	Field record	Darland Lane, Lavister, Rossett		D0969/001/05	RD1(UK)NT, S7, LBAP[GWY]	1
<i>Lasiommata megera</i> (Wall / Gweirlöyn y Cloddiau)	SJ3657	1968	Recorder Name Withheld	present		Rossett		D0217/001/04	RD1(UK)NT, S7, LBAP[GWY]	3
<i>Lasiommata megera</i> (Wall / Gweirlöyn y Cloddiau)	SJ3656	1983 approx	Recorder Name Withheld			Marford Quarry		D0217/001/04	RD1(UK)NT, S7, LBAP[GWY]	3
<i>Leucania comma</i> (Shoulder-striped Wainscot)	SJ374579	6 records, between 15/06/1965 and 29/06/1993	Recorder Name Withheld	1 Adult		Darland lane Rossett	Habitat: Garden: rural. Method: MV Light Trap	D1285/001/03	S7, LBAP[GWY]	3
<i>Leucania comma</i> (Shoulder-striped Wainscot)	SJ376568	4 records, between 09/06/2015 and 19/06/2015	Recorder Name Withheld	4 Adult; 2 Adult		Garden, Harwoods Lane, Rossett	Method: 125 watt MV; Habitat: Semi-rural. Method: Robinson MV Trap (125W)	D1285/001/03	S7, LBAP[GWY]	3
<i>Litoligia literosa</i> (Rosy Minor)	SJ374579	8 records, between 29/06/1965 and 22/09/2013	Recorder Name Withheld	1 Adult		Darland lane Rossett	Habitat: Garden: rural. Method: MV Light left overnight; Habitat: Garden: rural. Method: MV Light Trap	D1285/001/03	S7, LBAP[GWY]	3
<i>Lycia hirtaria</i> (Brindled Beauty / Rhisglyn Brith)	SJ374579	4 records, between 1970 and 01/05/1990	Recorder Name Withheld	1 Adult	Field record	Pulford - CP	ULTP, 2005/312, in garden; Habitat: Garden: rural. Method: MV Light Trap; Habitat: Garden: rural. Method: MV Light	D0969/001/05 , D1285/001/03	S7, LBAP[GWY]	1
<i>Lycia hirtaria</i> (Brindled Beauty / Rhisglyn Brith)	SJ3657	2 records, between 1989 and 1990	Recorder Name Withheld			Rossett		D0217/001/04	S7, LBAP[GWY]	3
<i>Macaria wauaria</i> (V-Moth / Seffyr y Ffyrch)	SJ374579	4 records, between 08/08/1965 and 11/07/1994	Recorder Name Withheld	1 Adult		Darland lane Rossett	Habitat: Garden: rural. Method: MV Light Trap	D1285/001/03	S7	3
<i>Macaria wauaria</i> (V-Moth / Seffyr y Ffyrch)	SJ3657	1989	Recorder Name Withheld			Rossett	Ann Rep & Proc Lancs & Cheshire Ent Soc 1989/90 113, 155.	D0217/001/04	S7	3
<i>Malacosoma neustria</i> (Lackey / Gwaswyfyn)	SJ374579	27/09/1986	Recorder Name Withheld	1 Adult		Darland lane Rossett	Habitat: Garden: rural. Method: MV Light Trap	D1285/001/03	S7, LBAP[GWY]	3
<i>Malacosoma neustria</i> (Lackey / Gwaswyfyn)	SJ3657	27/07/1986	Recorder Name Withheld			Rossett		D0217/001/04	S7, LBAP[GWY]	3
<i>Melanchra persicariae</i> (Dot Moth / Gwyfyn Dotiog)	SJ374579	18 records, between 05/07/1965 and 05/08/2015	Recorder Name Withheld	1 Adult		Darland lane Rossett	Habitat: Garden: rural. Method: MV Light left overnight; Habitat: Garden: rural. Method: MV Light Traps; Habitat: Garden: rural. Method: Bred ex larvae; Habitat: Garden: rural. Method: MV Light Trap	D1285/001/03	S7, LBAP[GWY]	3
<i>Melanchra persicariae</i> (Dot Moth / Gwyfyn Dotiog)	SJ376568	3 records, between 25/07/2015 and 07/08/2015	Recorder Name Withheld	2 Adult; 1 Adult		Garden, Harwoods Lane, Rossett	Method: 125 watt MV; Habitat: Semi-rural. Method: Robinson MV Trap (125W)	D1285/001/03	S7, LBAP[GWY]	3
<i>Melanthia procellata</i> (Pretty Chalk Carpet / Brychan Hardd y Calch)	SJ374579	4 records, between 1969 and 04/08/1986	Recorder Name Withheld	1 Adult	Field record	Darland lane Rossett	Habitat: Garden: rural. Method: MV Light Trap; Utlp, 2005/312	D1285/001/03 , D0969/001/05	S7, LBAP[GWY]	3
<i>Melanthia procellata</i> (Pretty Chalk Carpet / Brychan Hardd y Calch)	SJ3657	1969	Recorder Name Withheld			Rossett		D0217/001/04	S7, LBAP[GWY]	3
<i>Melanthia procellata</i> (Pretty Chalk Carpet / Brychan Hardd y Calch)	SJ3658	1969	Recorder Name Withheld	1		Pulford - CP	E109 - Mapmate 2005 Files - referred to as a single specimen taken at Pulford. 2nd county record.	D0969/001/05	S7, LBAP[GWY]	1

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V
<i>Orthonama vittata</i> (Oblique Carpet / Brychan Lletraws)	SJ374575	02/06/2008	Recorder Name Withheld	2 Adult		Rossett	Habitat: Garden: rural. Method: MV Trap(s) (left overnight)	D1285/001/03	S7	3
<i>Orthonama vittata</i> (Oblique Carpet / Brychan Lletraws)	SJ374579	6 records, between 28/08/1967 and 16/08/1991	Recorder Name Withheld	1 Adult		Darland lane Rossett	Habitat: Garden: rural. Method: MV Light Trap	D1285/001/03	S7	3
<i>Orthosia gracilis</i> (Powdered Quaker / Crynwr Llychlyd)	SJ374579	13 records, between 05/05/1966 and 13/05/2016	Recorder Name Withheld	1 Adult; 1 adult	Field record	Darland lane Rossett	Recorded as Powdered Carpet Quaker. Habitat: Garden: rural. Method: MV Light left overnight; Habitat: Garden: rural. Method: MV Light Trap; Habitat: Garden: rural. Method: MV Light left overnight	D1285/001/03 , D0969/001/05	S7, LBAP[GWY]	3
<i>Orthosia gracilis</i> (Powdered Quaker / Crynwr Llychlyd)	SJ376568	4 records, between 17/04/2015 and 22/04/2015	Recorder Name Withheld	1 Adult; 2 Adult		Garden, Harwoods Lane, Rossett	Method: 125 watt MV; Habitat: Semi-rural. Method: Robinson MV Trap (125W)	D1285/001/03	S7, LBAP[GWY]	3
<i>Pelurga comitata</i> (Dark Spinach / Brychan Llygwyn)	SJ374579	4 records, between 06/08/1992 and 06/08/2012	Recorder Name Withheld	1 Adult		Darland lane Rossett	Habitat: Garden: rural. Method: MV Light Trap; Habitat: Garden: rural. Method: MV Light left overnight	D1285/001/03	S7	3
<i>Perizoma albulata</i> (Grass Rivulet / Gwregys y Gwair)	SJ374579	27/06/1966	Recorder Name Withheld	1 Adult		Darland lane Rossett	Habitat: Garden: rural. Method: MV Light Trap	D1285/001/03	S7	3
<i>Plebejus argus</i> (Silver-studded Blue / Glesyn Serennog)	SJ374579	04/07/1993	Recorder Name Withheld	1 adult	Field record	Darland Lane, Lavister, Rossett		D0969/001/05	RD1(UK)VU, S7, WCA5, LBAP[CON, DEN, FLI, SNP]	1
<i>Polia bombycina</i> (Pale Shining Brown / Gwyfyn Arennau Disglair)	SJ3657	1966	Recorder Name Withheld	present		Rossett	Ann Rep & Proc Lancs & Cheshire Ent Soc 1966/67 90,47 Exhibited 22.11.66. In garden.	D0217/001/04	S7, LBAP[CON]	3
<i>Rhizedra lutosa</i> (Large Wainscot / Gwelltwyfyn Mawr)	SJ374579	10 records, between 16/10/1970 and 09/10/2010	Recorder Name Withheld	1 adult; 1 Adult	Field record	Darland Lane, Lavister, Rossett	Habitat: Garden: rural. Method: MV Light; Habitat: Garden: rural. Method: MV Light Trap; Habitat: Garden: rural. Method: MV Trap(s) (left overnight)	D0969/001/05 , D1285/001/03	S7, LBAP[GWY]	1
<i>Rhizedra lutosa</i> (Large Wainscot / Gwelltwyfyn Mawr)	SJ376568	21/10/2016	Recorder Name Withheld	1 Adult		Garden, Harwoods Lane, Rossett	Method: 125 watt MV	D1285/001/03	S7, LBAP[GWY]	3
<i>Rhizedra lutosa</i> (Large Wainscot / Gwelltwyfyn Mawr)	SJ3657	1985	Recorder Name Withheld		Field record	Rossett		D0217/001/04	S7, LBAP[GWY]	3
<i>Scotopteryx chenopodiata</i> (Shaded Broad-bar / Rhesen Lydan Dywyll)	SJ374579	7 records, between 09/07/1980 and 18/06/2016	Recorder Name Withheld	1 Adult; 2 Adult; 4 Adult; 1 adult	Field record	Darland lane Rossett	Habitat: Garden: rural. Method: MV Light left overnight; Habitat: Garden: rural. Method: MV Light Trap	D1285/001/03 , D0969/001/05	S7, LBAP[GWY]	3
<i>Spilosoma lubricipeda</i> (White Ermine / Ermin Gwyn)	SJ374575	5 records, between 31/05/2008 and 01/07/2008	Recorder Name Withheld	2 Adult; 4 Adult; 1 Adult		Rossett	Habitat: Garden: rural. Method: MV Trap(s) (left overnight)	D1285/001/03	S7, LBAP[GWY]	3
<i>Spilosoma lubricipeda</i> (White Ermine / Ermin Gwyn)	SJ374579	46 records, between 26/05/1965 and 24/06/2016	Recorder Name Withheld	1 Adult; 2 Adult; 3 Adult; 4 Adult		Darland lane Rossett	Habitat: Garden: rural. Method: MV Light left overnight; Habitat: Garden: rural. Method: MV Light; Habitat: Garden: rural. Method: MV Light Trap; Habitat: Garden: rural. Method: MV Light Traps; Habitat: Garden: rural. Method: MV Trap(s) (left overnight)	D1285/001/03	S7, LBAP[GWY]	3

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<i>Spilosoma lubricipeda</i> (White Ermine / Ermin Gwyn)	SJ362569	03/06/2016	Recorder Name Withheld	1 Adult		Trevalyn Hall	Method: 125 watt MV	D1285/001/03	S7, LBAP[GWY]	3
<i>Spilosoma lubricipeda</i> (White Ermine / Ermin Gwyn)	SJ376568	6 records, between 27/06/2015 and 10/06/2016	Recorder Name Withheld	1 Adult; 7 Adult		Garden, Harwoods Lane, Rossett	Method: 125 watt MV; Habitat: Semi-rural. Method: Robinson MV Trap (125W)	D1285/001/03	S7, LBAP[GWY]	3
<i>Spilosoma lubricipeda</i> (White Ermine / Ermin Gwyn)	SJ3757	8 records, between 09/06/1972 and 10/06/1973	Recorder Name Withheld	1	Field record	Denbighshire	Ultrp, 2005/312; Ultrp 2005 312	D0969/001/05	S7, LBAP[GWY]	1
<i>Spilosoma lutea</i> (Buff Ermine)	SJ374575	6 records, between 24/05/2008 and 01/07/2008	Recorder Name Withheld	2 Adult; 1 Adult		Rossett	Habitat: Garden: rural. Method: MV Trap(s) (left overnight)	D1285/001/03	S7, LBAP[GWY]	3
<i>Spilosoma lutea</i> (Buff Ermine)	SJ374579	62 records, between 09/06/1972 and 21/07/2016	Recorder Name Withheld	1 Adult; 2 Adult; 3 Adult; 33 Adult; 4 Adult; 6 Adult; 5 Adult; 1 adult	Field record	Darland lane Rossett	Habitat: Garden: rural. Method: MV Light left overnight; Habitat: Garden: rural. Method: MV Light; Habitat: Garden: rural. Method: MV Light Trap; Habitat: Garden: rural. Method: MV Light Traps; Habitat: Garden: rural. Method: MV Trap(s) (left overnight)	D1285/001/03 , D0969/001/05	S7, LBAP[GWY]	3
<i>Spilosoma lutea</i> (Buff Ermine)	SJ362569	03/06/2016	Recorder Name Withheld	1 Adult male		Trevalyn Hall	Method: 125 watt MV	D1285/001/03	S7, LBAP[GWY]	3
<i>Spilosoma lutea</i> (Buff Ermine)	SJ376568	8 records, between 19/06/2015 and 01/07/2016	Recorder Name Withheld	5 Adult; 1 Adult; 6; 9; 8 Adult		Garden, Harwoods Lane, Rossett	Method: 125 watt MV; Habitat: Semi-rural. Method: Robinson MV Trap (125W)	D1285/001/03	S7, LBAP[GWY]	3
<i>Spilosoma lutea</i> (Buff Ermine)	SJ3757	2 records, both on 09/06/1972	Recorder Name Withheld	1	Field record	Denbighshire	ULTP, 2005/312, Co-recorder H. N. Michaelis; Ultrp 2005 312	D0969/001/05	S7, LBAP[GWY]	1
<i>Tholera cespitis</i> (Hedge Rustic / Rhwyll y Cwawwellt)	SJ374579	2 records, between 30/08/1977 and 05/09/1988	Recorder Name Withheld	1 Adult		Darland lane Rossett	Habitat: Garden: rural. Method: MV Light Trap	D1285/001/03	S7, LBAP[GWY]	3
<i>Tholera decimalis</i> (Feathered Gothic / Rhwyll Bluog)	SJ374579	5 records, between 29/08/1965 and 28/08/1998	Recorder Name Withheld	1 Adult		Darland lane Rossett	Habitat: Garden: rural. Method: MV Light Trap	D1285/001/03	S7	3
<i>Tholera decimalis</i> (Feathered Gothic / Rhwyll Bluog)	SJ3657	1966	Recorder Name Withheld	present	Field record	Lavister, Rossett		D0217/001/04	S7	3
<i>Timandra comae</i> (Blood-vein / Gwyfyn Gwythïen Goch)	SJ374575	25/06/2008	Recorder Name Withheld	3 Adult		Rossett	Habitat: Garden: rural. Method: MV Trap(s) (left overnight)	D1285/001/03	S7	3
<i>Timandra comae</i> (Blood-vein / Gwyfyn Gwythïen Goch)	SJ374579	38 records, between 22/06/1976 and 14/08/2016	Recorder Name Withheld	1 Adult; 2 Adult		Darland lane Rossett	Habitat: Garden: rural. Method: MV Light left overnight; Habitat: Garden: rural. Method: MV Light Trap; Habitat: Garden: rural. Method: MV Light; Habitat: Garden: rural. Method: MV Light Traps; Habitat: Garden: rural. Method: MV Trap(s) (left overnight)	D1285/001/03	S7	3
<i>Timandra comae</i> (Blood-vein / Gwyfyn Gwythïen Goch)	SJ362569	03/06/2016	Recorder Name Withheld	1 Adult		Trevalyn Hall	Method: 125 watt MV	D1285/001/03	S7	3
<i>Timandra comae</i> (Blood-vein / Gwyfyn Gwythïen Goch)	SJ376568	9 records, between 27/06/2015 and 30/08/2016	Recorder Name Withheld	4 Adult; 2 Adult; 1 Adult		Garden, Harwoods Lane, Rossett	Method: 125 watt MV; Habitat: Semi-rural. Method: Robinson MV Trap (125W)	D1285/001/03	S7	3

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<i>Timandra comae</i> (Blood-vein / Gwyfyn Gwythien Goch)	SJ3657	1966	Recorder Name Withheld	present		Rossett		D0217/001/04	S7	3
<i>Trichiura crataegi</i> (Pale Eggar / Wylun Gwelw)	SJ374579	13 records, between 08/08/1971 and 26/08/2009	Recorder Name Withheld	1 Adult; 1 adult	Field record	Darland lane Rossett	Habitat: Garden: rural. Method: MV Light Trap; Habitat: Garden: rural. Method: MV Light left overnight; Habitat: Garden: rural. Method: MV Light	D1285/001/03 , D0969/001/05	S7, LBAP[GWY]	3
<i>Trichiura crataegi</i> (Pale Eggar / Wylun Gwelw)	SJ3657	2 records, between 08/10/1971 and 14/09/1986	Recorder Name Withheld		Field record	Rossett		D0217/001/04	S7, LBAP[GWY]	3
<i>Tyria jacobaeae</i> (Cinnabar / Teigr y Benfelen)	SJ374579	14 records, between 15/05/1971 and 23/04/2011	Recorder Name Withheld	1 Adult		Darland lane Rossett	Habitat: Garden: rural. Method: MV Light Trap; Habitat: Garden: rural. Method: MV Light Traps	D1285/001/03	S7, LBAP[GWY]	3
<i>Tyria jacobaeae</i> (Cinnabar / Teigr y Benfelen)	SJ376568	2 records, both on 01/07/2015	Recorder Name Withheld	1 Adult		Garden, Harwoods Lane, Rossett	Method: 125 watt MV; Habitat: Semi-rural. Method: Robinson MV Trap (125W)	D1285/001/03	S7, LBAP[GWY]	3
<i>Watsonalla binaria</i> (Oak Hook-tip / Bachadain y Deri)	SJ374575	04/08/2008	Recorder Name Withheld	1 Adult		Rossett	Habitat: Garden: rural. Method: MV Trap(s) (left overnight)	D1285/001/03	S7, LBAP[GWY]	3
<i>Watsonalla binaria</i> (Oak Hook-tip / Bachadain y Deri)	SJ374579	26 records, between 09/06/1965 and 13/08/2015	Recorder Name Withheld	1 Adult; 3 Adult; 2 Adult		Darland lane Rossett	Habitat: Garden: rural. Method: MV Light left overnight; Habitat: Garden: rural. Method: MV Light; Habitat: Garden: rural. Method: MV Light Traps; Habitat: Garden: rural. Method: MV Trap(s) (left overnight)	D1285/001/03	S7, LBAP[GWY]	3
<i>Watsonalla binaria</i> (Oak Hook-tip / Bachadain y Deri)	SJ362569	03/06/2016	Recorder Name Withheld	1 Adult		Trevalyn Hall	Method: 125 watt MV	D1285/001/03	S7, LBAP[GWY]	3
<i>Watsonalla binaria</i> (Oak Hook-tip / Bachadain y Deri)	SJ3657	1966	Recorder Name Withheld	present		Rossett		D0217/001/04	S7, LBAP[GWY]	3
<i>Xanthorhoe decoloraria decoloraria</i> (Red Carpet)	SJ3657	1982	Recorder Name Withheld		Field record	Rossett	Ann Rep Proc Lancs Chesr Ent Soc 82-83 106 p.74	D0217/001/04		3
<i>Xanthorhoe ferrugata</i> (Dark-barred Twin-spot Carpet / Brychan Deusmotiog Tywyll)	SJ374579	5 records, between 06/06/1966 and 27/05/2012	Recorder Name Withheld	1 Adult		Darland lane Rossett	Habitat: Garden: rural. Method: MV Light Trap	D1285/001/03	S7, LBAP[GWY]	3

Fish										
Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V
<i>Anguilla anguilla</i> (Eel / Llysywen)	SJ372569	01/08/1998	Recorder Name Withheld			Trevalyn; River Alyn		D1153/001/02	RD1(UK)CR, S7, LBAP[CON, GWY]	3
<i>Salmo salar</i> (Atlantic Salmon / Eog)	SJ372569	2 records, between 01/08/1998 and 14/09/2005	Recorder Name Withheld	1 to 9 [Captured - Survey]		Trevalyn; River Alyn	Survey type: Electric Fishing	D1153/001/02 , D1702/001/01	Bern, HDir, RD2(UK), S7, LBAP[CON, DEN, FLI, GWY]	3
<i>Salmo trutta</i> (Brown/Sea Trout / Siwin; Brithyll)	SJ372569	2 records, between 01/08/1998 and 14/09/2005	Recorder Name Withheld	1 to 9 [Captured - Survey]		Trevalyn; River Alyn	Survey type: Electric Fishing	D1153/001/02 , D1702/001/01	S7, LBAP[CON, GWY]	3
<i>Thymallus thymallus</i> (Grayling / Cangen Las)	SJ372569	01/08/1998	Recorder Name Withheld			Trevalyn; River Alyn		D1153/001/02	Bern, HDir, RD2(UK), LBAP[CON, DEN, FLI]	3

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Mammals										
Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V
<i>Chiroptera</i> (Unknown Bat / Ystlum Anhysbys)	SJ3657	29/06/2000	Recorder Name Withheld			Site Name Withheld	Comments Withheld	D1486/001/01	EPS, WCA5, LBAP[ANG, DEN, FLI, SNP]	3
<i>Chiroptera</i> (Unknown Bat / Ystlum Anhysbys)	SJ3757	28/08/1992	Recorder Name Withheld			Site Name Withheld	Comments Withheld	D1486/001/01	EPS, WCA5, LBAP[ANG, DEN, FLI, SNP]	3
<i>Erinaceus europaeus</i> (Hedgehog / Draenog)	SJ369571	30/12/2019	Recorder Name Withheld		Live Sighting	Alyn Dr		D1688/004/01	Bern, S7, LBAP[ANG, CON, FLI, GWY]	3
<i>Erinaceus europaeus</i> (Hedgehog / Draenog)	SJ371572	2003	Recorder Name Withheld	1		11, West Way, Rossett, Wrexham, LL12 0DX	Alive	D0971/001/01	Bern, S7, LBAP[ANG, CON, FLI, GWY]	4
<i>Erinaceus europaeus</i> (Hedgehog / Draenog)	SJ365571	2 records, between 02/12/2019 and 09/06/2020	Recorder Name Withheld		Live Sighting	Chester Rd		D1688/004/01 , D1688/005/01	Bern, S7, LBAP[ANG, CON, FLI, GWY]	3
<i>Erinaceus europaeus</i> (Hedgehog / Draenog)	SJ360571	21/04/2018	Recorder Name Withheld	dead adult		Rossett Community		D0969/001/05	Bern, S7, LBAP[ANG, CON, FLI, GWY]	1
<i>Erinaceus europaeus</i> (Hedgehog / Draenog)	SJ374566	01/05/2020	Recorder Name Withheld		Live Sighting	Alyn Drive, Rossett. LL12 0HQ		D1688/005/01	Bern, S7, LBAP[ANG, CON, FLI, GWY]	3
<i>Erinaceus europaeus</i> (Hedgehog / Draenog)	SJ3657	14 records, between 04/07/2012 and 26/09/2013	Recorder Name Withheld			Rossett	Adult brought in to Wrexham HH rescue. Mammal Society (Mammal Atlas); Brought into Wrexham hedgehog rescue centre. Mammal Society (Mammal Atlas); Baby brought in to Wrexham HH rescue. Mammal Society (Mammal Atlas); Large baby brought in to Wrexham HH rescue. Mammal Society (Mammal Atlas); Brought in...	D1844/001/03	Bern, S7, LBAP[ANG, CON, FLI, GWY]	3
<i>Erinaceus europaeus</i> (Hedgehog / Draenog)	SJ3557	2005	Recorder Name Withheld					D1847/001/01	Bern, S7, LBAP[ANG, CON, FLI, GWY]	1
<i>Lepus europaeus</i> (Hare / Ysgyfarnog)	SJ364574	06/05/2005	Recorder Name Withheld	1		Rossett	Alive. Grassland	D0108/001/03	S7, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	4
<i>Lutra lutra</i> (Otter / Dyfrgi)	SJ3657	06/12/2008	Recorder Name Withheld	1		Site Name Withheld	Comments Withheld	D1117/001/01	Bern, CITES, EPS, HDir, RD2(UK), S7, WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNP, WRE]	4
<i>Lutra lutra</i> (Otter / Dyfrgi)	SJ3657	24 records, between 04/05/1997 and 24/12/2001	Recorder Name Withheld		Dung/Droppings/ Frass/Pellet, etc.; Tracks/Trail	Site Name Withheld	Comments Withheld	D1153/001/02 , D1118/006/01	Bern, CITES, EPS, HDir, RD2(UK), S7, WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNP, WRE]	3
<i>Lutra lutra</i> (Otter / Dyfrgi)	SJ3657	3 records, all on 16/04/2003	Recorder Name Withheld	Signs	Field record	Site Name Withheld	Comments Withheld	D0969/001/05	Bern, CITES, EPS, HDir, RD2(UK), S7, WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNP, WRE]	1
<i>Lutra lutra</i> (Otter / Dyfrgi)	SJ3657	18/07/1999	Recorder Name Withheld			Site Name Withheld	Comments Withheld	D1153/001/02	Bern, CITES, EPS, HDir, RD2(UK), S7, WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNP, WRE]	3
<i>Lutra lutra</i> (Otter / Dyfrgi)	SJ3757	4 records, between 26/05/1996 and 24/12/2001	Recorder Name Withheld		Dung/Droppings/ Frass/Pellet, etc.	Site Name Withheld	Comments Withheld	D1118/006/01	Bern, CITES, EPS, HDir, RD2(UK), S7, WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNP, WRE]	4

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V
<i>Lutra lutra</i> (Otter / Dyfrgi)	SJ3657	08/09/2014 - 26/09/2014	Recorder Name Withheld	3	Dung/Droppings/ Frass/Pellet, etc.	Site Name Withheld	Comments Withheld	D1927/001/01	Bern, CITES, EPS, HDir, RD2(UK), S7, WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNP, WRE]	3
<i>Lutra lutra</i> (Otter / Dyfrgi)	SJ3657	3 records, between 19/03/1998 and 20/03/2000	Recorder Name Withheld	1 Adult Male (9.1kg)	Dung/Droppings/ Frass/Pellet, etc.	Site Name Withheld	Comments Withheld	D1153/001/02 , D1118/006/01	Bern, CITES, EPS, HDir, RD2(UK), S7, WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNP, WRE]	3
<i>Lutra lutra</i> (Otter / Dyfrgi)	SJ3758	06/11/2003	Recorder Name Withheld			Site Name Withheld	Comments Withheld	D1923/001/01	Bern, CITES, EPS, HDir, RD2(UK), S7, WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNP, WRE]	3
<i>Meles meles</i> (Badger / Mochyn Daear)	SJ3758 (Approximate)	11/01/2017	Recorder Name Withheld	4 Burrow	Burrow/Nesthole	Site Name Withheld	Comments Withheld	D1117/001/01	Bern, PBA, LBAP[CON, DEN, FLI, WRE]	4
<i>Meles meles</i> (Badger / Mochyn Daear)	SJ3758	10/07/2001	Recorder Name Withheld		Badger Sett	Site Name Withheld	Comments Withheld	D0059/001/03	Bern, PBA, LBAP[CON, DEN, FLI, WRE]	3
<i>Meles meles</i> (Badger / Mochyn Daear)	SJ3657 (Selected from Interactive Map)	29/07/2012	Recorder Name Withheld	1 Adult		Site Name Withheld	Comments Withheld	D1117/001/01	Bern, PBA, LBAP[CON, DEN, FLI, WRE]	4
<i>Meles meles</i> (Badger / Mochyn Daear)	SJ3657	12/02/2019	Recorder Name Withheld	1 Adult		Site Name Withheld	Comments Withheld	D0969/001/05	Bern, PBA, LBAP[CON, DEN, FLI, WRE]	4
<i>Meles meles</i> (Badger / Mochyn Daear)	SJ3657	3 records, between 27/09/2010 and 02/02/2017	Recorder Name Withheld	1 Adult; 1 dead adult	Field record	Site Name Withheld	Comments Withheld	D0969/001/05	Bern, PBA, LBAP[CON, DEN, FLI, WRE]	4
<i>Meles meles</i> (Badger / Mochyn Daear)	SJ3657 (Selected from Interactive Map)	15/03/2017	Recorder Name Withheld	1 Adult	Dead on road	Site Name Withheld	Comments Withheld	D1117/001/01	Bern, PBA, LBAP[CON, DEN, FLI, WRE]	4
<i>Meles meles</i> (Badger / Mochyn Daear)	SJ3757	14/09/2016	Recorder Name Withheld		Badger Sett	Site Name Withheld	Comments Withheld	D0059/001/03	Bern, PBA, LBAP[CON, DEN, FLI, WRE]	3
<i>Meles meles</i> (Badger / Mochyn Daear)	SJ3756	25/03/2012	Recorder Name Withheld		Badger Sett	Site Name Withheld	Comments Withheld	D0059/001/03	Bern, PBA, LBAP[CON, DEN, FLI, WRE]	3
<i>Meles meles</i> (Badger / Mochyn Daear)	SJ3758	03/03/2008	Recorder Name Withheld		Field record	Site Name Withheld	Comments Withheld	D0969/001/05	Bern, PBA, LBAP[CON, DEN, FLI, WRE]	4
<i>Mustela putorius</i> (Polecat / Ffwlbart)	SJ361572 (GPS Reading)	31/08/2016	Recorder Name Withheld	1 Adult		Rossett	Roadkill on A483	D1117/001/01	Bern, HDir, RD2(UK), S7, LBAP[CON, FLI, GWY, SNP]	4
<i>Neovison vison</i> (American Mink / Minc)	SJ374576	24/12/2001	Recorder Name Withheld		Field record	Pulford, Chester	Pulford Bridge, B5445 Wrexham Road mink scats	D0969/001/05	INNS, WCA9	4
<i>Neovison vison</i> (American Mink / Minc)	SJ36525696 (Selected from Interactive Map)	August 2011	Recorder Name Withheld	1 Adult Female		BASC HQ	Caught in mink trap and dispatched	D1330/001/01	INNS, WCA9	4
<i>Neovison vison</i> (American Mink / Minc)	SJ36535694 (Selected from Interactive Map)	14/10/2011	Recorder Name Withheld	1 Adult		BASC HQ	Large adult hunting in ponds and running by steamside. Seen from office window.	D1330/001/01	INNS, WCA9	4
<i>Neovison vison</i> (American Mink / Minc)	SJ3657	April 2012 - March 2013	Recorder Name Withheld				4 dead from this 1km square as part of mink cull project	D1528/001/02	INNS, WCA9	3
<i>Neovison vison</i> (American Mink / Minc)	SJ3656	April 2014 - March 2015	Recorder Name Withheld	2			2 dead from this 1km square as part of mink cull project	D1528/002/01	INNS, WCA9	3
<i>Nyctalus noctula</i> (Noctule Bat / Ystlum Mawr)	SJ3757	2 records, between 13/05/2019 and 28/05/2019	Recorder Name Withheld	1		Site Name Withheld	Comments Withheld	D1798/006/01	Bern, EPS, HDir, RD2(UK), S7, WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	4

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V
<i>Pipistrellus pipistrellus</i> (Common Pipistrelle / Ystlum Lleiaf Cyffredin)	SJ3657	05/07/1989	Recorder Name Withheld			Site Name Withheld	Comments Withheld	D1486/001/01	Bern, EPS, HDir, RD2(UK), S7, WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	3
<i>Pipistrellus pipistrellus</i> (Common Pipistrelle / Ystlum Lleiaf Cyffredin)	SJ3656	20/07/1988	Recorder Name Withheld			Site Name Withheld	Comments Withheld	D1486/001/01	Bern, EPS, HDir, RD2(UK), S7, WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	3
<i>Pipistrellus pipistrellus</i> (Common Pipistrelle / Ystlum Lleiaf Cyffredin)	SJ3656	19/06/1999	Recorder Name Withheld	577		Site Name Withheld	Comments Withheld	D1486/001/01	Bern, EPS, HDir, RD2(UK), S7, WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	3
<i>Pipistrellus pipistrellus</i> (Common Pipistrelle / Ystlum Lleiaf Cyffredin)	SJ3657	13/07/1987	Recorder Name Withheld			Site Name Withheld	Comments Withheld	D1486/001/01	Bern, EPS, HDir, RD2(UK), S7, WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	3
<i>Pipistrellus pipistrellus</i> (Common Pipistrelle / Ystlum Lleiaf Cyffredin)	SJ3757	4 records, between 13/05/2019 and 14/06/2019	Recorder Name Withheld	2; 1; 4	Bat Roost	Site Name Withheld	Comments Withheld	D1798/006/01	Bern, EPS, HDir, RD2(UK), S7, WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	4
<i>Pipistrellus pipistrellus</i> (Common Pipistrelle / Ystlum Lleiaf Cyffredin)	SJ3757	2 records, both in 1998	Recorder Name Withheld	600 (Exact)		Site Name Withheld	Comments Withheld	D1923/001/01	Bern, EPS, HDir, RD2(UK), S7, WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	3
<i>Pipistrellus pipistrellus</i> agg. (Pipistrelle agg. / Ystlum Lleiaf)	SJ3657	1987	Recorder Name Withheld			Site Name Withheld	Comments Withheld	D1072/001/02	Bern, EPS, HDir, RD2(UK), WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	3
<i>Pipistrellus pipistrellus</i> agg. (Pipistrelle agg. / Ystlum Lleiaf)	SJ3757	1987	Recorder Name Withheld			Site Name Withheld	Comments Withheld	D1072/001/02	Bern, EPS, HDir, RD2(UK), WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	3
<i>Pipistrellus pipistrellus</i> agg. (Pipistrelle agg. / Ystlum Lleiaf)	SJ3656	1987	Recorder Name Withheld			Site Name Withheld	Comments Withheld	D1072/001/02	Bern, EPS, HDir, RD2(UK), WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	3
<i>Pipistrellus pipistrellus</i> agg. (Pipistrelle agg. / Ystlum Lleiaf)	SJ3557	1987	Recorder Name Withheld			Site Name Withheld	Comments Withheld	D1072/001/02	Bern, EPS, HDir, RD2(UK), WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	3
<i>Plecotus auritus</i> (Brown Long-eared Bat / Ystlum Hirglust)	SJ3757	13/05/2019	Recorder Name Withheld	1		Site Name Withheld	Comments Withheld	D1798/006/01	Bern, EPS, HDir, RD2(UK), S7, WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	4

Other Invertebrates										
Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V
<i>Harmonia axyridis</i> (Harlequin Ladybird)	SJ37155744	03/10/2014	Recorder Name Withheld	Adult			iRecord (iRecord Ladybirds)	D1844/001/03	INNS	3
<i>Harmonia axyridis</i> (Harlequin Ladybird)	SJ37045709	31/07/2015	Recorder Name Withheld	1 Adult		Harwoods Lane garden	Found in garden. iRecord (iRecord Ladybirds)	D1844/001/03	INNS	3
<i>Harmonia axyridis</i> (Harlequin Ladybird)	SJ373579	12/06/2015	Recorder Name Withheld	Adult			iRecord (iRecord Ladybirds)	D1844/001/03	INNS	3

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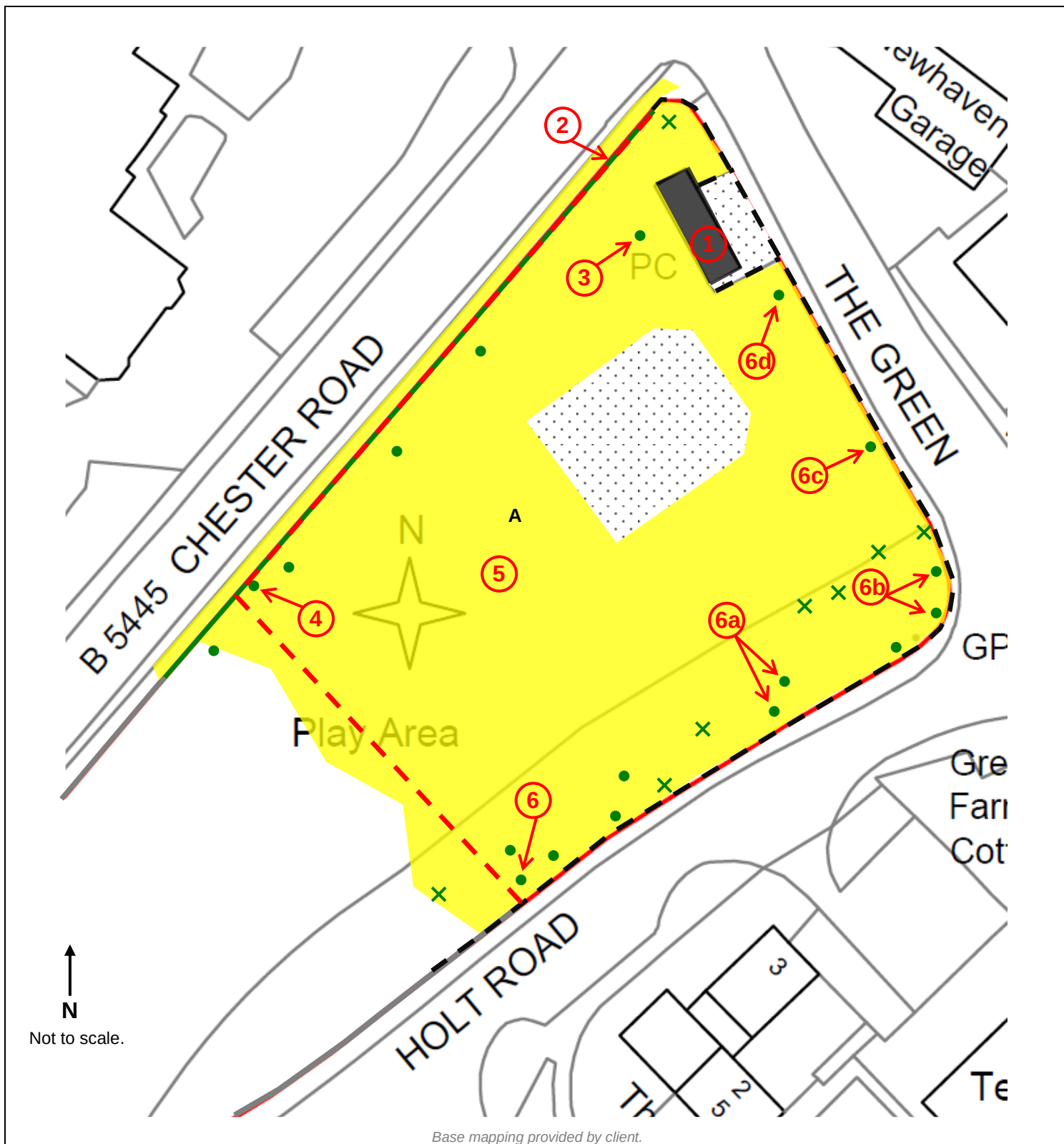
Plants										
Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V
<i>Ailanthus altissima</i> (Tree-of-heaven / Coeden y Nefoedd)	SJ3757	29/07/2011	Recorder Name Withheld			Darland	Planted. 1st vc record?	D1169/004/02	INNS	3
<i>Fallopia japonica</i> (Japanese Knotweed / Clymog Japan)	SJ3609157189	30/06/2013	Recorder Name Withheld			Wormswood	Dense stand on the riverbank nearby.	D1330/001/01	INNS, WCA9	4
<i>Hyacinthoides non-scripta</i> (Bluebell / Clychau'r Gog)	SJ36515718	22/04/2017	Recorder Name Withheld	Flowering	Field record	Christ Church Yard Rossett.	Blue and white species.	D0969/001/05	WCA8, LBAP[ANG, CON, FLI, SNP]	1
<i>Hyacinthoides non-scripta</i> (Bluebell / Clychau'r Gog)	SJ374569	29/04/2017	Recorder Name Withheld				Date = date entered rather than date seen. It is assumed that the date they entered the record is close to the date they saw it as the time period that the Woodland Trust app was live was limited.	D1944/001/01	WCA8, LBAP[ANG, CON, FLI, SNP]	3
<i>Hyacinthoides non-scripta</i> (Bluebell / Clychau'r Gog)	SJ376578	03/04/2017	Recorder Name Withheld				Date = date entered rather than date seen. It is assumed that the date they entered the record is close to the date they saw it as the time period that the Woodland Trust app was live was limited.	D1944/001/01	WCA8, LBAP[ANG, CON, FLI, SNP]	3
<i>Hyacinthoides non-scripta</i> (Bluebell / Clychau'r Gog)	SJ359571	15/05/2015	Recorder Name Withheld	6		Burton	Rossett Weir	D1169/004/02	WCA8, LBAP[ANG, CON, FLI, SNP]	3
<i>Hyacinthoides non-scripta</i> x <i>hispanica</i> = <i>H. x massartiana</i> (Bluebell / Clychau'r Gog Croesryw)	SJ36845672	23/04/2015	Recorder Name Withheld			Rossett SW	Trackside	D1169/004/02	INNS	3
<i>Hyacinthoides non-scripta</i> x <i>hispanica</i> = <i>H. x massartiana</i> (Bluebell / Clychau'r Gog Croesryw)	SJ36015718	15/05/2015	Recorder Name Withheld			Rossett	West of flyover by river	D1169/004/02	INNS	3
<i>Hyacinthoides non-scripta</i> x <i>hispanica</i> = <i>H. x massartiana</i> (Bluebell / Clychau'r Gog Croesryw)	SJ3557	04/05/2015	Recorder Name Withheld			Burton		D1169/004/02	INNS	3
<i>Impatiens glandulifera</i> (Himalayan Balsam / Jac y Neidiwr)	SJ36355708 (Selected from Interactive Map)	10/05/2011	Recorder Name Withheld	20		Rosset	On bank of River Alyn adjacent to car park in village	D1330/001/01	INNS, WCA9	4
<i>Impatiens glandulifera</i> (Himalayan Balsam / Jac y Neidiwr)	SJ3609157189	30/06/2013	Recorder Name Withheld			Wormswood	Plants found between SJ3609157189 and SJ3367454144. Tackled as part of the Big Dee Day-The Invasion	D1330/001/01	INNS, WCA9	4
<i>Impatiens glandulifera</i> (Himalayan Balsam / Jac y Neidiwr)	SJ360571	25/07/2014	Recorder Name Withheld			Rossett	Rossett Weir (East)	D1169/004/02	INNS, WCA9	3
<i>Impatiens glandulifera</i> (Himalayan Balsam / Jac y Neidiwr)	SJ3657	12/08/2014	Recorder Name Withheld			Rossett		D1169/004/02	INNS, WCA9	3
<i>Impatiens glandulifera</i> (Himalayan Balsam / Jac y Neidiwr)	SJ3557	15/05/2015	Recorder Name Withheld			Burton		D1169/004/02	INNS, WCA9	3

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V
<i>Lamiastrum galeobdolon</i> <i>subsp. argentatum</i> (Variegated Yellow Archangel)	SJ3757	2 records, between 29/07/2011 and 23/08/2014	Recorder Name Withheld			Darland		D1169/004/02	INNS, WCA9	3
<i>Lepidium campestre</i> (Field Pepperwort / Pupurlys y Maes)	SJ359571	15/05/2015	Recorder Name Withheld	40		Burton	40 Plants at field edge	D1169/004/02	RD1(Wales)VU, LI[VC49, VC50, VC51]	3
<i>Meconopsis cambrica</i> (Welsh Poppy / Pabi Cymreig)	SJ3657	12/08/2014	Recorder Name Withheld			Rossett		D1169/004/02	RD2(UK)S, LBAP[CON, DEN], LI[VC48, VC49]	3
<i>Meconopsis cambrica</i> (Welsh Poppy / Pabi Cymreig)	SJ3656	15/05/2015	Recorder Name Withheld			Rossett SW		D1169/004/02	RD2(UK)S, LBAP[CON, DEN], LI[VC48, VC49]	3
<i>Petasites hybridus</i> (Butterbur / Alan Mawr)	SJ3657	12/08/2014	Recorder Name Withheld			Rossett		D1169/004/02	LI[VC48, VC50]	3
<i>Petasites hybridus</i> (Butterbur / Alan Mawr)	SJ3656	23/04/2015	Recorder Name Withheld			Rossett SW		D1169/004/02	LI[VC48, VC50]	3
<i>Petasites hybridus</i> (Butterbur / Alan Mawr)	SJ3557	2 records, between 04/05/2015 and 15/05/2015	Recorder Name Withheld			Burton		D1169/004/02	LI[VC48, VC50]	3
<i>Populus nigra subsp. betulifolia</i> (Black Poplar)	SJ36905749	13/05/2009	Recorder Name Withheld			Wrecsam - Wrexham	Ancient tree. Alive. Form: Stump. Standing Status: Standing	D1793/001/02	LBAP[CON, DEN, FLI, SNP, WRE], LI[VC48, VC50, VC52]	3
<i>Populus nigra subsp. betulifolia</i> (Black Poplar)	SJ3690057500	1994	Recorder Name Withheld	1 Male	Field record	Rossett village	Parkland	D0225/001/01	LBAP[CON, DEN, FLI, SNP, WRE], LI[VC48, VC50, VC52]	4
<i>Prunus laurocerasus</i> (Cherry Laurel / Coeden Lawrgeirios)	SJ3757	2 records, between 29/07/2011 and 23/08/2014	Recorder Name Withheld			Darland		D1169/004/02	INNS	3
<i>Rhododendron ponticum</i>	SJ37675790	25/05/2013	Recorder Name Withheld				Nature Locator (Plant Tracker)	D1844/001/03	INNS, WCA9	3
<i>Rhododendron ponticum</i>	SJ376579	25/05/2013	Recorder Name Withheld					D1590/001/01	INNS, WCA9	3
<i>Rhododendron ponticum</i>	SJ376580	2 records, between 19/09/2012 and 23/05/2013	Recorder Name Withheld					D1590/001/01	INNS, WCA9	3
<i>Rhododendron ponticum</i>	SJ37665804	23/05/2013	Recorder Name Withheld				Nature Locator (Plant Tracker)	D1844/001/03	INNS, WCA9	3
<i>Rhododendron ponticum</i>	SJ3757	29/07/2011	Recorder Name Withheld			Darland		D1169/004/02	INNS, WCA9	3
<i>Ricciocarpos natans</i> (Fringed Heartwort / Grisial-Lys Eddiog)	SJ3657	1917	Recorder Name Withheld			Site Name Withheld	Comments Withheld	D1075/001/06	RD1(Wales)EN, LI[VC50]	3
<i>Tilia platyphyllos</i> (Large-leaved Lime / Pisgwydden Dail Mawr)	SJ3757	29/07/2011	Recorder Name Withheld			Darland	Planted	D1169/004/02	RD2(UK)S, LBAP[CON, FLI]	3

Reptiles and Amphibians										
Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V
<i>Lissotriton helveticus</i> (Palmate Newt / Madfall Ddwr Balfog)	SJ375568 (Selected from Interactive Map)	16/04/2014	Recorder Name Withheld	Many Adult		Harwoods lane, rossett	Breeding population in garden pond. Together with smooth newts (see separate record)	D1117/001/01	Bern, WCA5, LBAP[ANG, CON, DEN, FLI]	4
<i>Lissotriton helveticus</i> (Palmate Newt / Madfall Ddwr Balfog)	SJ376568 (Selected from Interactive Map)	17/01/2015 - 18/03/2015	Recorder Name Withheld	Many Adult		Harwoods lane	Returned to garden pond from 17th Jan with smooth newts	D1117/001/01	Bern, WCA5, LBAP[ANG, CON, DEN, FLI]	4
<i>Lissotriton vulgaris</i> (Smooth Newt / Madfall Ddwr Gyffredin)	SJ37715737 (Selected from Interactive Map)	2 records, between 30/04/2019 and 13/05/2019	Recorder Name Withheld	1 Adult Male	Live Sighting	Pond off Gamford Lane	Bottle-trap survey.	D1696/001/01	Bern, WCA5, LBAP[CON, DEN, FLI]	4
<i>Lissotriton vulgaris</i> (Smooth Newt / Madfall Ddwr Gyffredin)	SJ375568 (Selected from Interactive Map)	16/04/2014	Recorder Name Withheld	Many Adult		Harwoods lane	Breeding population in garden pond with palmate newts	D1117/001/01	Bern, WCA5, LBAP[CON, DEN, FLI]	4
<i>Lissotriton vulgaris</i> (Smooth Newt / Madfall Ddwr Gyffredin)	SJ376568 (Selected from Interactive Map)	17/01/2015 - 18/03/2015	Recorder Name Withheld	Many Adult		Harwoods lane	Many returned to garden pond together with palmate newts	D1117/001/01	Bern, WCA5, LBAP[CON, DEN, FLI]	4
<i>Lissotriton vulgaris</i> (Smooth Newt / Madfall Ddwr Gyffredin)	SJ37845737 (Selected from Interactive Map)	5 records, between 30/04/2019 and 21/05/2019	Recorder Name Withheld	3 Adult; 1 Adult Female; 1 Adult Male; 2 Adult Male	Live Sighting	Gamford House	Bottle-trap survey - 2 adult male, 1 adult female.; Torch survey - 1 adult female.; Bottle-trap survey - 1 adult male.; Bottle-trap survey - 2 adult male.	D1696/001/01	Bern, WCA5, LBAP[CON, DEN, FLI]	4
<i>Natrix helvetica</i> (Grass Snake / Neidr y Gwair)	SJ371581	01/08/2007	Recorder Name Withheld	1		Beech Hollows cul-de-sac	curled in corner of garden. moved into neighbour's garden through slot in fence. approx 3 foot long	D1117/001/01	Bern, S7, WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	4
<i>Natrix helvetica</i> (Grass Snake / Neidr y Gwair)	SJ375568 (Selected from Interactive Map)	September 2012	Recorder Name Withheld	1 Juvenile		Harwoods lane, rossett	Juvenile 10cm long dead on road	D1117/001/01	Bern, S7, WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	4
<i>Natrix helvetica</i> (Grass Snake / Neidr y Gwair)	SJ372582	Summer 2014	Recorder Name Withheld	1 Juvenile	Live Sighting	Lavister	Found in garden compost bin. Post code: LL12 0DN. Information to MB via her son, John Jones.	D0035/002/01	Bern, S7, WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	4
<i>Natrix helvetica</i> (Grass Snake / Neidr y Gwair)	SJ377578 (Approximate)	19/06/2014	Recorder Name Withheld	1 Adult Female	Live Sighting	Rossett	Trapped (and then released) in netting in garden of Woodlands, off Darland Lane LL12 0BA	D0035/002/01	Bern, S7, WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	4
<i>Natrix helvetica</i> (Grass Snake / Neidr y Gwair)	SJ3657	1907	Recorder Name Withheld	Few		Rossett		D0035/002/01	Bern, S7, WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	4
<i>Rana temporaria</i> (Common Frog / Llyffant Melyn)	SJ37715737 (Selected from Interactive Map)	30/04/2019	Recorder Name Withheld	Larvae	Live Sighting	Pond off Gamford Lane	Bottle-trap survey.	D1696/001/01	Bern, HDir, WCA5, LBAP[ANG, CON, FLI]	4
<i>Rana temporaria</i> (Common Frog / Llyffant Melyn)	SJ37845738 (Selected from Interactive Map)	2 records, between 30/04/2019 and 21/05/2019	Recorder Name Withheld	Larvae; 1 Adult	Live Sighting	Gamford House	Bottle-trap survey.; Torch survey.	D1696/001/01	Bern, HDir, WCA5, LBAP[ANG, CON, FLI]	4
<i>Rana temporaria</i> (Common Frog / Llyffant Melyn)	SJ376568 (Selected from Interactive Map)	06/03/2015	Recorder Name Withheld	8 Adult; 5+ Juvenile		Harwoods lane	4 pairs spawned 5th March	D1117/001/01	Bern, HDir, WCA5, LBAP[ANG, CON, FLI]	4

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ371581	2 records, between 06/10/2007 and 04/11/2007	Recorder Name Withheld	1		Beech Hollows cul-de-sac	approx 5 inches long. almost black with white flecks. red/orange underside. no crest. found under some old cut turf; slightly longer than previous animal at about 6 inches long. almost black with white flecks. red/orange underside. no crest. found under a 1 tonne sack of sand. took pictures of this ...	D1117/001/01	Bern, EPS, HDir, RD2(UK), S7, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	4
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ37715737 (Selected from Interactive Map)	4 records, between 30/04/2019 and 21/05/2019	Recorder Name Withheld	1 Adult Male; 1 Juvenile; Egg; 2 Adult	Live Sighting	Pond off Gamford Lane	Torch survey - 1 adult male.; Bottle-trap survey.; Egg search - confirmed present.; Bottle-trap survey - 1 adult male, 1 adult female.	D1696/001/01	Bern, EPS, HDir, RD2(UK), S7, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	4
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ376568	17/01/2015 - 18/03/2015	Recorder Name Withheld	5+ Adult Male; 4+ Adult Female		Harwoods lane	Newt colony arrived in garden pond for the first time this year! Don't tell anyone!	D1117/001/01	Bern, EPS, HDir, RD2(UK), S7, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	4
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ37845737 (Selected from Interactive Map)	9 records, between 30/04/2019 and 21/05/2019	Recorder Name Withheld	3; Egg; 17 Adult; 6 Adult; 5; 1; 25; 2 Adult; 5 Adult	Live Sighting	Gamford House	Torch survey - 1 adult male, 2 female.; Egg search - confirmed present.; Bottle-trap survey - 13 adult female, 4 adult male.; Torch survey - 2 adult male, 4 adult female.; Bottle-trap survey - 4 adult female, 1 sub-adult female.; Torch survey - 1 adult female.; Bottle-trap survey - 14 adult male, 2 ...	D1696/001/01	Bern, EPS, HDir, RD2(UK), S7, WCA5, LBAP[ANG, CON, DEN, FLI, SNP, WRE]	4
<i>Vipera berus</i> (Adder / Gwiber)	SJ3657	1907	Recorder Name Withheld	Locally common		Rossett		D0035/002/01	Bern, S7, WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	4

Statutory Sites returned by search	None
Wildlife Sites intersecting 1000m buffer	W332: Darland Wood (863m)
Ancient Woodland sites (if searched)	None
Phase I Habitats intersecting 1000m buffer (Habitat at central point shown in red, if found)	A.1.1.1: Semi-natural Broad-leaved Woodland (0.62% / 19,569 sq.m), A.1.1.2: Planted Broad-leaved Woodland (1.21% / 38,046 sq.m), A.1.2.2: Planted Coniferous Woodland (0.41% / 12,857 sq.m), A.1.3.2: Planted Mixed Woodland (0.98% / 30,856 sq.m), A.2.1: Dense Scrub (0.18% / 5,709 sq.m), B.2.2: Semi-improved Neutral Grassland (2.07% / 64,936 sq.m), B.4: Improved Grassland (53.93% / 1,694,082 sq.m), C.3.1: Tall Ruderal Herb (0.5% / 15,574 sq.m), G.1: Standing Water (0.31% / 9,701 sq.m), G.2: Running Water (0.69% / 21,562 sq.m), J.1.1: Arable (13.4% / 420,859 sq.m), J.1.2: Amenity Grassland (2.99% / 94,031 sq.m) , J.1.5: Gardens (2.39% / 75,120 sq.m), J.3.4: Caravan Site (0.03% / 863 sq.m), J.3.6: Buildings (14.81% / 465,073 sq.m), J.4: Bare Ground (0.04% / 1,147 sq.m), NA: Not Accessed Land (0.06% / 1,744 sq.m)



marches ecology

C437 Proposed Community Centre, The Green, Rossett, Wrexham – Ecological Appraisal

Figure 1 – Extended Phase 1 Habitat Survey

Drawn by: ME
Checked by: TK
Date: 25.11.20

Key

- Individual broad-leaved tree
- ✕ Scattered scrub
- Hedge
- A** Amenity grassland
- Building
- ⋯ Hard-standing/ bare ground
- Fence

— Survey site boundary

① Target Note