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marches ecology

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

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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 – Proposed Development and Survey Site Boundaries

Figure 2 – Extended Phase 1 Habitat Survey

1 INTRODUCTION

1.1 Project Background

1.1.1 Marches Ecology was commissioned by Green Portal Business Solutions Ltd on behalf of Material Evolution Ltd to undertake a Preliminary Ecological Appraisal of the CCP Building Products (CCP) site at Llay Road, Llay, Wrexham (Approximate OS Grid Ref. SJ 3265 5613). This Preliminary Ecological Appraisal (PEA) comprised an ecological background data search and an Extended Phase 1 Habitat Survey. This Ecological Appraisal is required to consider the potential impacts associated with a proposed development at the site. This report is provided as supporting information to a planning application.

1.1.2 The 'survey site' defined for this Appraisal includes a larger area of land than the 'proposed development site'. Both areas are shown on *Figure 1*. The Baseline Ecological Conditions (*Section 3*) covers the results for the entire survey site in order to provide additional contextual information. The Evaluation, Assessment and Recommendations (*Section 4*) considers the proposed development site and immediately surrounding area. The wider survey site is only considered in *Section 4* where relevant due to potential indirect impacts and or for mitigation/ enhancement.

1.1.3 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 ecological enhancements proposed in *Section 4* of this report seek to achieve net benefit for biodiversity (NBB) in accordance with current national planning policy. Maintaining and enhancing biodiversity is a central tenet of the Green Infrastructure Statement (also in accordance with current national planning policy) and as such *Section 4* provides this information.

The structure of this Preliminary Ecological Appraisal Report (PEAR) 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-four 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 3.04 hectares. The survey site boundary is shown on *Figure 1*. It is largely characterised by the existing CCP industrial premises which includes various buildings, and storage areas/ vehicular access. The latter is more-or-less all hard-standing with bare concrete and paviour surfaces, and a large number of stock-piles.
- 1.3.2 All of the site boundaries are formed by various types of fence. The western boundary is ill-defined by heras panels. The northern boundary includes a narrow strip of woodland/ scrub and patches of grassland. This steeply sloping land forms the toe of the slope which rises outside the survey site, forming part of Llay Quarry. Vegetated areas are otherwise limited within the survey site.
- 1.3.3 The survey site is located on the southern edge of Llay Industrial Estate; to the immediate northwest of Llay village. It is bordered to the south by other industrial/ commercial premises and the B5102 road. On the opposite side of the B5102 there are several arable and grassland fields, and Llay village. To the east there are a range of residential properties and further industrial/ commercial premises.
- 1.3.4 Llay Quarry (part of the historic Llay Main Colliery site) is located to the immediate north of the survey site and is currently operated by Castle Cement. It is a complex area of woodland/ scattered trees, scrub, grassland, bare substrate and some waterbodies. The main part of Llay Industrial Estate is located to the north of this.
- 1.3.5 The western boundary is bordered by a narrow strip of trees/ shrubs on the opposite side of which is a small residential estate and Llay Quarry.

1.4 The Proposal

- 1.4.1 The proposed development is presented on two plans prepared by Green Portal Business Solutions Ltd as follows:
- 'Floor Plan' dated 11/10/23.
 - 'Elevation Plan' dated 11/10/23.
- 1.4.2 The CCP facility at Llay manufactures concrete blocks. The proposed development is to install a new manufacturing plant at the existing CCP site. This would mainly include a mixer and dosing system with two small silos contained within the existing building and three new larger silos outside the same building.
- 1.4.3 A Design and Access Statement is submitted with the planning application that provides full details of the proposal.

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 2021). Edition 12 of PPW is overdue and imminent. In a letter¹ dated 11th October 2023 along with an associated Annex² the Minister for Climate Change outlined some proposed changes to be included in Edition 12. The main changes are of particular relevance for this PEA and include the areas of 'Green Infrastructure', 'Net Benefit for Biodiversity', 'Protection for SSSIs' and 'Trees and Woodlands'.

- 1.5.3 Chapter 6 (of Edition 11) 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'.

'All reasonable steps must be taken to maintain and enhance biodiversity and promote the resilience of ecosystems and these should be balanced with the wider economic and social

¹ Letter to Heads of Planning from Julie James, Minister for Climate Change, dated 11 October 2023. Ref. MA/JJ/2512/23.

² Annex to Heads of Planning Letter Dated 11 October 2023: Addressing the Nature Emergency through the Planning System: Updated National Planning Policy for Chapter 6 of Planning Policy Wales.

needs of business and local communities. 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’.

- 1.5.4 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), green infrastructure, air quality, lighting, and de-risking development.

Technical Advice Note 5

- 1.5.5 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.

- 1.5.6 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 2.2.1³);*
- *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 for new opportunities to enhance nature conservation; where there may be significant*

³ References to the relevant part of PPW.

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

- 1.5.7 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 Local Development Plan

- 1.5.8 The Wrexham Local Development Plan (LDP) was adopted on 20th December 2023. The LDP '*...sets out the planning requirements for achieving sustainable development in Wrexham County Borough over the period 2013-2028*'. Relevant ecology-related policies are listed here.

The strategic policies include:

- *Policy SP2. Location of Development.*
- *Policy SP5. Planning Obligations.* This includes ecological mitigation.
- *Policy SP12. Design Principles and Masterplanning Framework.*
- *Policy SP14. Natural Environment. Development will only be permitted where it seeks to protect, conserve and enhance the natural environment including:*
 - *Special Areas of Conservation, Special Protection Areas, and Ramsar Sites;*
 - *Sites of Special Scientific Interest and National Nature Reserves;*
 - *Protected Species and their habitat;*
 - *The Clwydian Range and Dee Valley Area of Outstanding Natural Beauty*
 - *Local Wildlife Sites;*
 - *Local Nature Reserves;*
 - *Special Landscape Areas;*
 - *Natural landscape features and Green Infrastructure such as trees, hedges and woodland which contribute to the quality and diversity of the natural environment and play an important role in mitigating the impact of climate change;*
 - *The quality of natural services including water, soundscape, air and soils; and*
 - *Habitats and species of principal importance to Wales.*
- *Policy SP18. Climate Change.* Includes maintaining ecological resilience.
- *Policy SP19. Green Infrastructure. Development will be required to maintain the extent, quality and connectivity of multifunctional green infrastructure on or near a site, and, where appropriate to enhance it.*

Section 4 of the LDP includes a sub-section on the 'Natural Environment'. The relevant policies listed include:

- *Policy NE1. International and National Nature Conservation Designations.*
- *Policy NE2. Local Designations for Nature Conservation and Geological Importance. Development which adversely affects the nature conservation and/or geological importance of locally designated sites, habitats and species will only be permitted in exceptional circumstances where it can be demonstrated that:*

- *There is no satisfactory alternative location for the development which avoids nature conservation impacts; and*
- *Compensation measures are designed to ensure that there is no reduction in the overall nature or geological conservation value of the site.*
- *Policy NE3. Trees, Woodlands and Hedgerows. Development will only be permitted where it does not cause unacceptable harm to trees, woodlands and hedgerows of significant public amenity, natural or cultural heritage value or those that provide important ecosystem services.*
- *Policy NE6. Wastewater Treatment and River Water Quality. All new development will only be permitted where there is no adverse effect on the integrity of the River Dee and Bala Lake SAC in particular through the treatment of waste water.*

Section 4 also has a sub-section on 'General Development Management Considerations'. The relevant policies listed include:

- *Policy DM1. Development Management Considerations.* This includes safeguarding the environment from the adverse effects of pollution of water, land, noise, light or air, and not increasing the risk of flooding/ impacts on the water environment.

Local Planning Guidance

1.5.9 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.
- LPG 32 Biodiversity and Development. Adopted March 2011. Of particular importance it details the requirements for ecological survey and reporting.
- LPG 35 Great Crested Newt Mitigation Requirements – Johnstown Newt Site SAC and the Wider Countryside. Adopted June 2018.

1.6 Legislation

Introduction

- 1.6.1 This sub-section provides a brief summary of key legislation relevant to ecology/ nature conservation and the proposed 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*.
- 1.6.2 The UK exited the EU on 31st January 2020 followed by a transition period until the end of that year during which EU legislation and policy was followed⁴. *'EU legislation which applied directly or indirectly to the UK before 11.00 pm on 31st December 2020 has been retained in*

⁴ <https://cieem.net/referencing-environmental-eu-legislation-post-brexit/>

UK law as a form of domestic legislation known as ‘retained EU legislation’. This is set out in Sections 2 and 3 of the European Union (Withdrawal) Act 2018⁵.

The Conservation of Habitats and Species Regulations 2017, as amended (The Regulations)

- 1.6.3 Transposed 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)

- 1.6.4 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, reptiles 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)

- 1.6.5 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)

- 1.6.6 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

- 1.6.7 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.

⁵ <https://www.legislation.gov.uk/eu-legislation-and-uk-law#:~:text=The%20UK%20is%20no%20longer,on%20legislation.gov.uk>

The Protection of Badgers Act 1992 (The Badgers Act)

- 1.6.8 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 30th January 2024 by Tom Knight of Marches Ecology. The Extended Phase 1 Habitat plan is provided as *Figure 2*. 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 initially 90% grey cloud cover brightening to sunshine with 10-25% white cloud in the morning and a light 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 7*). Plant nomenclature in this report follows Stace (2022). January 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:

- B
- Bats. The potential value of the habitat for foraging/ commuting and roosting was assessed in accordance with *Table 4.1* provided in Collins (2023).
- 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).
- Reptiles. A qualitative assessment of the habitat for reptiles was undertaken. The survey involved identifying potential basking areas, hibernation sites and foraging habitat. English Nature (2004) provides information on the distribution and ecology of the four widespread species. Habitat requirements differ between species but are summarised in Edgar *et al.* (2010).
- 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 Extended Phase 1 Habitat Survey was undertaken following a day of heavy rain. This may have obscured/ destroyed evidence of use by protected/ notable species.
- Some small parts of the survey site are characterised by dense scrub/ vegetation which may have obscured evidence of use by protected/ notable species. Access was also difficult in areas characterised by dense Bramble, *etc.*
- It was difficult to establish the exact survey site boundary particularly along the western edge.
- Access to the whole western boundary was not possible due to stored blocks.

None of the survey limitations listed above significantly affected the findings of the survey and therefore the conclusions and prescribed mitigation measures.

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 two statutory designated sites within 1 km of the survey site: Llay Bog Site of Special Scientific Interest (SSSI) and part of Alyn Waters Local Nature Reserve (LNR). Llay Bog is located approximately 645 m to the southwest of the survey site at its closest point. It is a small peat bog (extending to 1.85 hectares) largely noted for its botanical interest. It includes an area of Alder/ Birch woodland, a boundary ditch and the central bog that includes a range of typical plant species.
- 3.1.2 Alyn Waters LNR is part of the larger Alyn Waters Country Park. Only part of the LNR is included within the 1 km search area. It is located approximately 714 m to the south of the survey site at its closest point. No information is available about this designated site.

Non-statutory

- 3.1.3 There are two non-statutory designated sites within 1 km of the survey site: Nant Y Gaer and Llay Valley Wildlife Site (WS) and Alyn Waters WS. Nant Y Gaer and Llay Valley WS is located approximately 287 m to the east of the survey site at its closest point. No further information is available about this site.
- 3.1.4 Alyn Waters WS includes the LNR as well as most of the Country Park. The closest part of the WS to the survey site is the LNR. This is also the closest part of the Country Park. The citation description lists a series of woodlands along the River Alyn as well as areas of neutral grassland. This grassland is noted for its botanical interest. Breeding Skylark (*Alauda arvensis*) and Otters (*Lutra lutra*) along the river are noted.
- 3.1.5 There are two areas of Ancient Semi-natural Woodland (ASNW) within 1 km of the survey site. These are at Llay Bog SSSI and most of Nant Y Gaer and Llay Valley WS.

3.2 Habitats and Flora

Introduction

- 3.2.1 The Extended Phase 1 Habitat map is provided as *Figure 2*. The Target Notes (numbered 1 to 20) are provided in *Section 5* and shown on *Figure 2*.

Hard-standing

- 3.2.2 The main storage yard is characterised by hard-standing largely of concrete or pavements with numerous piles of blocks (*Target Note 6*). Most of the blocks are not on pallets. There are some smaller piles of loose blocks, *etc*, largely around the edge of the yard.



The main stock yard (*Target Note 6*) looking west.



The main stock yard (*Target Note 6*) looking east from close to western boundary.

- 3.2.3 Much of the survey site is characterised by similar areas of hard-standing that is subject to regular heavy vehicle movements, and various piles of stored materials. Most of these areas are more-or-less unvegetated with the exception of a few scattered young shrubs, and patches of low-growing ephemeral vegetation.



Ephemeral vegetation east of *Target Note 2*.

Buildings

- 3.2.4 The main CCP building (*Target Note 12*) is essentially a large industrial unit with a steel frame, and for the most part, corrugated metal sheet clad elevations and roof. The bottom 1.5 m of the walls are formed with stone block-work. The various roofs are sloping. The highest section is approximately 3 to 4 storeys high. There does not appear to be a roof space.
- 3.2.5 On the southern elevation there is a two-storey office section approximately one-third of which has stone block elevations with PVC window units. All sides of the building are fitted with bulkhead and flood lighting. On the south side there are five of each as well as adjacent high floodlight stanchions in the stock yard. There is one roller shutter door in the southern elevation. This has a 15 cm gap at the top.



The southern elevation of the main building (Target Note 12).

- 3.2.6 The west elevation is all metal sheet cladding with one small window. It is mostly 3-4 storeys high. The metal sheet cladding appears to be double-skin – there is a 5 cm gap which appears to be filled with fibre-glass insulation. There are three roller shutter doors with gaps above them. The interior was viewed from one of these doors: it is very light, dusty, noisy and with a lot of activity. There is no roof space here. The west side has four flood-lights and two bulk-heads.



The western elevation of the main building (Target Note 12).

- 3.2.7 The northern elevation is similar to the west and has no windows or doors. The east side is also similar but has two roller shutter doors.

3.2.8 The building at *Target Note 14* is similar to that at *Target Note 12*.



Part of the building at *Target Note 14*.

3.2.9 The two buildings at *Target Note 19* house aggregate loading bays. They have concrete and block half-height walls topped with metal sheet cladding. The sloping roof is constructed with similar metal sheets.

3.2.10 There is a single storey electricity sub-station with a flat roof at *Target Note 1*.

Woodland/ Trees/ Scrub

3.2.11 The bank (*Target Note 8*) to the north of the stock yard (*Target Note 6*) rises steeply from the hard-standing and continues to rise outside the site in Llay Quarry. In places the bank includes a lot of rubble, bricks, *etc*. There is a large, deep cut-off ditch approximately half-way up the slope inside the site. It is approximately 3-4 m deep on the up-hill side. It was entirely dry at the time of the survey. Towards the main building (*Target Note 12*) the open ditch is replaced by a French drain. There is a chain-link security fence along the boundary which at the western extent is approximately 4-5 m above the level of the stock yard.



Part of the woodland and cut-off ditch at Target Note 8.

- 3.2.12 The bank is largely characterised by young broad-leaved woodland and/ or scrub with some small patches of unimproved neutral grassland particularly towards the main building. The woodland/ scrub contains frequent *Betula pendula* (Silver Birch), *Salix caprea* (Goat Willow), *Crataegus monogyna* (Hawthorn), locally frequent *Rosa canina* agg. (Dog-rose), *Rubus fruticosus* agg. (Bramble) and occasional *Quercus robur* (Pedunculate Oak). The largest trees have an approximate diameter at breast height (dbh) of 0.25 m. There are occasional dense patches of *Ulex europaeus* (Gorse) scrub.



Part of the wooded bank at Target Note 8.

- 3.2.13 The slope at *Target Note 9* is a continuation of that at *Target Note 8* but there is no cut-off drain. It largely supports more established woodland of Silver Birch, Goat Willow, *Salix cinerea* (Grey Willow), *Acer pseudoplatanus* (Sycamore), *Fraxinus excelsior* (Ash) and *Buddleja davidii* (Butterfly-bush). It was shaded by the main building at the time of the survey. Access was difficult/ not possible in places.
- 3.2.14 There is a small strip of scattered young scrub at *Target Note 3*, including Goat Willow, Ash, Hawthorn, Dog-rose, Silver Birch and Bramble. The scrub is located over *Hedera helix* agg. (Ivy) or small patches of unimproved neutral grassland. The shrubs may have been cut back at some stage. It is partly located on a low earth bank with various piles of rubble.
- 3.2.15 The bank at *Target Note 16* is essentially the toe of the slope down from Llay Quarry and as such is an extension of that at *Target Notes 8* and *9*. The eastern end in particular has been subject to much past disturbance and includes a lot of various loose materials including soil, rocks, kerbs, brash, logs, etc. The bank is often dominated by Butterfly-bush scrub. There are also some patches of species-rich unimproved neutral grassland particularly towards the boundary fence.



Butterfly-bush scrub at *Target Note 16*.

- 3.2.16 Towards the northeast corner of the survey site there is a low bank which supports scattered mostly Butterfly-bush shrubs with small patches of unmanaged unimproved neutral grassland (*Target Note 15*).
- 3.2.17 Beyond the bank/ slope adjacent to the northern boundary of the survey site there are few trees present and they are all young.
- 3.2.18 There is a cluster of largely multi-stemmed semi-mature Ash trees at *Target Note 3b*. The largest has an approximate dbh of 0.2 m. They appear to be suffering from Ash dieback. They are located in a thin strip of shrubs and unimproved grassland which is an extension of *Target Note 3*.

Grassland

- 3.2.19 There are small patches of unimproved neutral grassland (e.g. *Target Note 8b*) on the lower slope by the northern site boundary, particularly towards the end by the building at *Target Note 12*. It is quite sparse in places, open and includes frequent bare ground/ lower plants. The grassland typically contains abundant *Festuca rubra* (Red Fescue), frequent *Leucanthemum vulgare* (Oxeye Daisy), occasional to locally frequent *Centaurea nigra* (Common Knapweed), occasional *Daucus carota* (Wild Carrot), *Plantago lanceolata* (Ribwort Plantain), *Vicia sativa* (Common Vetch), *Hypochaeris radicata* (Cat's-ear) and lesser amounts of *Brachypodium sylvaticum* (False Brome), *Lotus corniculatus* (Common Bird's-foot-trefoil) and *Erigeron acris* (Blue Fleabane). The bank at this location has an approximate slope of 45-60°.



Part of the grassland at *Target Note 8b* with the woodland at *Target Note 8* above.

- 3.2.20 There are mostly smaller fragments of unimproved neutral grassland scattered around the survey site (e.g. *Target Notes 3, 3b, 15* and *16*). The grassland at *Target Note 16* is contiguous with patches within Llay Quarry and to some extent that at *Target Note 8*.



Small patches of unimproved neutral grassland amongst scrub at *Target Note 16*.

Other Habitat

- 3.2.21 There is a raised planter at *Target Note 4* made of three courses of block-work extending to approximately 2.5 m wide and 12 m long. It includes various ornamental and wild plants such as *Achillea millefolium* (Yarrow), *Senecio squalidus* (Oxford Ragwort), Common Knapweed, *Eschscholzia californica* (California Poppy), *Galanthus elwesii* (Giant Snowdrop), *Crocus × crocosmiiflora* (Montbretia), etc, and a small number of ornamental shrubs.



The raised planter at *Target Note 4*.

- 3.2.22 Heras fence panels form the western boundary of the site (*Target Note 5*). On the other side of the fence and presumably outside the site, there is an earth bank to approximately 3.5 m

high. It has a slope of approximately 50°. The slope facing the site is characterised by fairly open young/ semi-mature birch woodland with abundant Silver Birch, frequent Goat Willow, Sycamore saplings and locally frequent Hawthorn. The largest Birch trees have an approximate dbh of 0.2 m. Beneath the trees there are patches of unmanaged grassland or Bramble or it is often bare. In various places there are piles of kerbs, paviours, etc.



The western site boundary (*Target Note 5*).

- 3.2.23 There are two vertical concrete sided water-filled tanks at *Target Note 20*. The water is very cloudy and there is no vegetation.



The water-filled tanks at *Target Note 20*.

Flora

- 3.2.24 Two notable plants were recorded during the survey: Flattened Meadow-grass and Blue Fleabane. Williams (2021) includes a table of Locally Near Scarce (LNS) plants⁶. Both are LNS plants. Flattened Meadow-grass was recorded from the slope at *Target Notes 8, 8a, 8b* and 9. Blue Fleabane was recorded from the slope at *Target Notes 8/ 8b*.
- 3.2.25 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. Some of the notable plants listed below could potentially be found on the slope along the northern site boundary. Records from Llay Industrial Estate include *Ophrys apifera* (Bee Orchid), *Dactylorhiza fuchsii* (Common Spotted-orchid), *Epipactis helleborine* (Broad-leaved Helleborine), *Epipactis dunensis* (Dune Helleborine), *Neottia ovata* (Common Twayblade), *Erigeron acer* (Blue Fleabane), *Sinapis arvensis* (Charlock), *Hypericum hirsutum* (Hairy St. John's-wort), *Rosa rugosa* (Japanese Rose) and *Cotoneaster integrifolius* (Entire-leaved Cotoneaster).
- 3.2.26 Cofnod provided a small number of records of various species of moss. None of these records is from within the survey site.
- 3.2.27 Four species of plant listed in *Schedule 9* of the *Wildlife and Countryside Act 1981* were recorded during the survey:
- *Cotoneaster* sp./ *Cotoneaster horizontalis* (Wall Cotoneaster)/ *Cotoneaster simonsii* (Himalayan Cotoneaster) (*Target Notes 2, 3a, 8a, 15a* and *16*).
 - *Crocsmia ×crocsmiiflora* (Montbretia) (*Target Note 4*).
 - *Reynoutria* sp. (Knotweed) (*Target Note 18*).
- 3.2.28 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 eleven *Schedule 9* species: *Elodea canadensis* (Canadian Waterweed), *Elodea nuttallii* (Nuttall's Waterweed), *Cotoneaster integrifolius* (Entire-leaved Cotoneaster), Himalayan Cotoneaster, *Myriophyllum aquaticum* (Parrot's-feather), *Impatiens glandulifera* (Himalayan Balsam), *Fallopia japonica* (Japanese Knotweed), *Rosa rugosa* (Japanese Rose), Montbretia, *Rhododendron ponticum* (Rhododendron) and *Lamium galeobdolon* subsp. *argenteum* (Variegated Yellow Archangel). None of these records is from within the survey site.

3.3 Species/ Species Groups

⁶ Found in 11-30 1km square sites in Denbighshire.

- *Target Note 17a*. Three animal breaches. No evidence of use by Badgers was recorded.

3.3.4 Most of the habitat within the survey site is typically either hard-standing or buildings. This habitat is of no or low potential value for foraging. The slope along the northern boundary is of low to moderate potential value for foraging. It is contiguous with a larger area of similar habitat outside the survey site.

Bats

Buildings within the Survey Site

3.3.6 There are a number of buildings within the survey site as follows:

- *Target Note 1*: A single storey electricity sub-station.
- *Target Note 12*: The main CCP building.
- *Target Note 14*: The Poundfield Precast building.
- *Target Note 19*: Two aggregate loading bays.

These buildings were not assessed in detail for their potential value to roosting bats. However, a full description is provided above and further information about the building at *Target Note 12* below.

3.3.7 The southern elevation of the main CCP building (*Target Note 12*) includes offices. There are a couple of holes in the block work in the eastern end presumably where pipes have been removed. The corrugations at the wall top all appear to be well sealed though this was difficult to confirm. Some minor gaps were noted between the block wall top and metal cladding in a couple of places. It was not possible to see how deep these holes were but they are thought unlikely to extend far.



A hole in the block-work wall (*Target Note 12*).



A gap at the wall top (*Target Note 12*). Note the flood-light.

- 3.3.8 In the west elevation some small holes were noted in the metal sheets however they do not lead far due to the insulation. No detailed internal inspection was undertaken.



**Part of the western elevation of the main CCP building (*Target Note 12*).
One of the flood-light stanchions is on the right.**



Part of the CCP building interior near the western elevation, showing the roof structure.



A hole in the metal sheets on the western elevation (*Target Note 12*). The insulation material can be seen.

- 3.3.9 The building at *Target Note 12* contains a small number of minor features of potential value for roosting bats but is generally unsuitable. The external lighting and level of use of the building are also likely to reduce the use of the area by bats.

Trees within the Survey Site

- 3.3.10 The individual trees within the survey site were not subject to a detailed assessment for their potential value to roosting bats. The trees within the survey site are briefly described above.
- 3.3.11 Trees within the survey site are all found around the periphery (*Target Notes 3, 3b, 8 and 9*). All of the trees within the survey site are young/ semi-mature and are therefore less likely to contain features of potential value for roosting bats.

Foraging/ Commuting Habitat

- 3.3.12 Most of the survey site is dominated by hard-standing and buildings that provide habitat of negligible potential value for foraging/ commuting bats. This value is likely to be further restricted by the industrial use of the site and amount of external lighting. The woodland and scrub along the northern boundary are likely to be of some potential value and it is part of a larger similar resource beyond the survey site boundary.
- 3.3.13 Cofnod provided a small number of records of four species of bat for within the 1 km search area as well as 'Bat', 'Myotis Bat Species', 'Pipistrelle' and 'Pipistrelle Bat Species'. The records include Brown Long-eared Bat (*Plecotus auritus*), Common Pipistrelle (*Pipistrellus pipistrellus*), Soprano Pipistrelle (*Pipistrellus pygmaeus*) and Noctule (*Nyctalus noctula*). None of the records specifically mention being a roost/ possible roost. All of the records are from locations south of the B5102 road.

Great Crested Newts

- 3.3.14 There are two vertical concrete sided water-filled tanks at *Target Note 20*. They are not likely to be suitable for Great Crested Newts. There is no aquatic habitat within the survey site of potential value to Great Crested Newts.

- 3.3.15 An initial review of the OS map 1:25, 000 scale and relevant internet-based mapping including aerial photography⁷ indicates that there are a small number of waterbodies within approximately 250 m of the survey site (excluding ditches). It is difficult to discern how many waterbodies may be present. Some of these waterbodies are known to support Great Crested Newts. These waterbodies all appear to be within Llay Quarry.
- 3.3.16 There also appear to be a large number of waterbodies within 250-500 m of the survey site, predominantly within Llay Quarry and Llay Industrial Estate. The actual presence of any waterbodies has not been confirmed by survey. This area includes a number of private gardens which could contain one or more waterbodies.
- 3.3.17 The hard-standing/ buildings within the survey site provide terrestrial habitat of negligible potential value for Great Crested Newts. Habitat of potential value for this species within the survey site is largely limited to the northern boundary with some other small vegetated fragments around the margins. There are various piles of rubble/ other materials throughout parts of the survey site that provide potential refugia/ hibernacula (e.g. *Target Notes* 3, 6, 8, 9 and 16).



Pile of slabs, etc (*Target Note* 6).

⁷ <https://www.google.com/maps/place/Llay,+Wrexham/@53.0931814,-3.0402626,13z/data=!3m1!4b1!4m6!3m5!1s0x487ac69d99e72c4f:0x969b52c5990febb3!8m2!3d53.092664!4d-3.003691!16s%2Fm%2F027z7hy?entry=ttu>



Piles of rubble, brash, logs, etc at Target Note 16.

- 3.3.18 Cofnod provided a large number of records for Great Crested Newt mostly from Llay Quarry and Llay Industrial Estate. Llay Quarry appears to support a large breeding population in a number of waterbodies. There are further scattered records from west and north of Llay Industrial Estate and Alyn Waters/ Llay.
- 3.3.19 Cofnod provided a large number of records for Palmate Newt (*Lissotriton helveticus*), Smooth Newt (*Lissotriton vulgaris*) and *Lissotriton* sp. mostly from Llay Quarry and Llay Industrial Estate.
- 3.3.20 Cofnod provided one record of Common Frog (*Rana temporaria*) and a small number of records of Common Toad (*Bufo bufo*) all from Llay Quarry and Llay Industrial Estate.

Reptiles

- 3.3.21 The hard-standing/ buildings within the survey site provide potential terrestrial habitat of negligible value for reptiles. The open woodland, scrub and patches of grassland adjacent to the northern boundary provides habitat of moderate potential value that is linked to a large area of suitable habitat to the north of the survey site. There are various features, particularly along this northern slope, that could provide refugia/ hibernacula for reptiles.
- 3.3.22 Cofnod provided a small number of records of Grass Snake (*Natrix helvetica*) from Llay Industrial Estate and one record from Alyn Waters. These records are dated between 2015 and 2019. Cofnod provided a single record of an individual Common Lizard (*Zootoca vivipara*) from Llay Industrial Estate dated 2021. No other reptile records were provided.

Birds

- 3.3.23 Thirteen species of bird were recorded during the Extended Phase 1 Habitat Survey either within the survey site or flying over it. The Starling (*Sturnus vulgaris*), Redwing (*Turdus iliacus*), Herring Gull (*Larus argentatus*) and Magpie (*Pica pica*) are priority species⁸. There are unlikely to be any features/ habitat that could be used by the Herring Gull for nesting within the survey site. No features of potential value for nesting Starling were noted. Magpie could nest in the shrubs/ trees.

⁸ As defined in CIEEM (2017a).

- 3.3.24 A disused Pigeon nest had been constructed on the metal frame beneath a conveyor (*Target Note 13*). The survey site provides nesting opportunities for species of bird associated with trees, scrub/ shrubs and buildings.
- 3.3.25 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 Black-headed Gull (*Chroicocephalus ridibundus*), Blackcap (*Sylvia atricapilla*), Blue Tit (*Cyanistes caeruleus*), Bullfinch (*Pyrrhula pyrrhula*), Buzzard (*Buteo buteo*), Chiffchaff (*Phylloscopus collybita*), Coal Tit (*Periparus ater*), Dunnock (*Prunella modularis*), Fieldfare (*Turdus pilaris*), Goldcrest (*Regulus regulus*), Goldfinch (*Carduelis carduelis*), Great Spotted Woodpecker (*Dendrocopos major*), Great Tit (*Parus major*), Green Woodpecker (*Picus viridis*), Greenfinch (*Chloris chloris*), Herring Gull (*Larus argentatus*), House Martin (*Delichon urbicum*), House Sparrow (*Passer domesticus*), Kestrel (*Falco tinnunculus*), Lesser Black-backed Gull (*Larus fuscus*), Linnet (*Linaria cannabina*), Long-tailed Tit (*Aegithalos caudatus*), Mistle Thrush (*Turdus viscivorus*), Nuthatch (*Sitta europaea*), Pied Wagtail (*Motacilla alba yarrellii*), Redwing, Rook (*Corvus frugilegus*), Siskin (*Spinus spinus*), Song Thrush (*Turdus philomelos*), Sparrowhawk (*Accipiter nisus*), Starling, Stock Dove (*Columba oenas*), Swallow (*Hirundo rustica*), Swift (*Apus apus*), Treecreeper (*Certhia familiaris*), Whitethroat (*Curruca communis*), Willow Warbler (*Phylloscopus trochilus*) and Wren (*Troglodytes troglodytes*). Some of these species could potentially nest within the survey site.

Other Species

- 3.3.26 Cofnod provided a small number of records for Hedgehog (*Erinaceus europaeus*) from Llay and Llay Industrial Estate. The habitat along the northern boundary of the survey site is suitable for this species. The base of areas of scrub, etc could be used for hibernation.
- 3.3.27 Cofnod provided one record for American Mink (*Neovison vison*) and two records for Otter from the River Alyn; none are of particular importance to this assessment.
- 3.3.28 Cofnod provided a small number of records of bees mostly from Alyn Waters Country Park with some from Llay Industrial Estate. Cofnod provided a number of records of other invertebrates. None are from within the survey site and none are of particular importance to this assessment.
- 3.3.29 Cofnod provided a small number of records of butterflies and moths. Most of the moth records are from Alyn Waters. Recent records for Cinnabar moth (*Tyria jacobaeae*), Small Heath (*Coenonympha pamphilus*), Dingy Skipper (*Erynnis tages*) and Purple Hairstreak (*Favonius quercus*) were provided from Llay Industrial Estate. A 2005 record of Wall (*Lasiommata megera*) was also provided from Llay Industrial Estate. Some of these species (e.g. Cinnabar) could potentially use the habitat along the northern boundary.

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/ enhancement.

4.1.2 The footprint of the proposed development is shown in the series of three photos below. It is within the temporary metal barrier fence and is characterised by laid block pavements.





- 4.1.3 *Section 4* of this report identifies existing (valued) ecological resources/ biodiversity and explains how these features will be maintained/ protected wherever possible. *Sub-section 4.3* proposes measures to achieve net benefit for biodiversity and confirms how these measures might be secured. It provides the information for a Green Infrastructure Statement.

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.
- 4.2.2 The closest part of Llay Bog SSSI is located approximately 645 m to the southwest of the survey site. Due to the nature of the proposal, the habitat within the proposed development site, and the reasons for designation of this protected site, no significant indirect (adverse) impacts are anticipated. The proposed development would not add to the surface water at the site and would not alter any existing direction of flow. No indirect impacts on Alyn Waters LNR are anticipated.
- 4.2.3 No non-statutory designated sites or ancient woodland sites would be indirectly impacted.

Habitat

- 4.2.4 The survey site includes the following habitat resources:
- Trees/ scrub;
 - Unimproved neutral grassland/ vegetation mosaic;
 - Ephemeral/ short ruderal vegetation;
 - Standing water;
 - Hard-standing; and
 - Buildings.
- 4.2.5 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 value⁹. Habitat features of greater value are considered below.
- 4.2.6 'Open mosaic habitats on previously developed land' is a priority habitat listed on *Section 7* of the *Environment (Wales) Act 2016*. Arguably, the slope at *Target Notes 8/ 8a/ 8b, 9, 15* and *16* is part of the wider Llay Quarry site. It is likely that this site as a whole meets the criteria to qualify under this priority habitat. This cannot be confirmed as Llay Quarry is outside the survey site. It is also likely to meet the criteria listed in WCBC (2015) and as such the Llay Quarry site may be considered to be of county value for the habitat it supports. Most of this habitat is located outside the survey site.
- 4.2.7 No further survey of the habitat within the survey site is currently considered necessary at this time. It is assumed that the proposed development would result in the permanent loss or modification of the following:
- A small area of existing hard-standing (*Target Note 6*).
- The loss/ modification of this habitat would not result in any significant impacts.
- 4.2.8 Valued ecological resources are located close to the proposed development site:
- The woodland/ scrub/ grassland on the slope at *Target Notes 8/ 8a/ 8b, 9, 15* and *16*.

⁹ In accordance with CIEEM (2018).

- 4.2.9 The following mitigation/ avoidance measures (with regards habitats) should be implemented:
- To avoid any possible inadvertent impacts, prior to the start of any preparatory or construction work, temporary protective fencing (e.g. heras) will be installed along the foot of the slope at *Target Note 8*. This fence will remain in-situ, and in an effective state of repair, until the completion of the proposed development. No access/ storage of materials/ construction work, etc will be allowed beyond this fence.
- 4.2.10 General best practice measures should be implemented during the construction works to avoid/ minimise 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) should be adhered to, particularly the following:
- GPP1: Understanding Your Environmental Responsibilities - Good Environmental Practices.
 - GPP5: Works and Maintenance in or Near Water.
 - PPG6: Working at Construction and Demolition Sites.
- 4.2.11 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 proposed development site.

Flora

- 4.2.12 Two notable plants were recorded from the survey site: Flattened Meadow-grass and Blue Fleabane. Both are listed as Locally Near Scarce in Williams (2021). Both of these plants are listed as being of Least Concern in the most recent Vascular Plant Red Data List for Wales (Dines 2008).
- 4.2.13 None of the locations from which these plants were recorded will be directly impacted. The slope at *Target Notes 8/ 8a/ 8b, 9, 15 and 16* could potentially support other notable plants. It will be protected during the construction phase with temporary fencing.
- 4.2.14 It is illegal to plant or otherwise cause to grow in the wild any plant listed in *Part II of Schedule 9* to the *Wildlife and Countryside Act 1981* (as amended). The *Schedule 9* list of animal and plant species has been amended by the *Wildlife and Countryside Act 1981 (Variation of Schedule 9)(England and Wales) Order 2010*¹⁰. *Section 14 (1)* covers spreading the species or transferring polluted ground material from one area to another.
- 4.2.15 Four species of plant listed on *Schedule 9* were recorded from the survey site: *Cotoneaster* sp./ *Cotoneaster horizontalis* (Wall Cotoneaster)/ *Cotoneaster simonsii* (Himalayan Cotoneaster) (*Target Notes 2, 3a, 8a, 15a and 16*), *Crocasmia ×crocasmiflora* (Montbretia) (*Target Note 4*) and *Reynoutria* sp. (Knotweed) (*Target Note 18*). None of these locations will be directly affected.
- 4.2.16 The proposed development would be undertaken in an existing area of hard-standing which is more-or-less unvegetated. Basic biosecurity measures are unlikely to be required in this instance.

¹⁰ <http://www.nonnativespecies.org/index.cfm?pageid=67>

4.2.19

4.2.20 No particular significant impacts on Badgers are anticipated due to the proposed development.

4.2.21 A sett could be excavated subsequent to the Extended Phase 1 Habitat Survey. If the proposed work is not implemented within 12 months of the Extended Phase 1 Habitat Survey the site should be re-surveyed by a suitably qualified ecologist to check for any setts.

Bats

4.2.22 The proposed development would be located adjacent to, and connected directly through, the western elevation of the existing CCP main building (*Target Note 12*). The connections would be via two new conveyors. The walls on this side of the building are constructed of corrugated metal sheets. The roof is sloping and is also constructed of these metal sheets. The walls are double-skin; the gap between the sheets being apparently filled with fibreglass insulation. While there are a small number of holes in these metal sheets, they do not extend far due to this insulation material. This western elevation does not contain any features of potential value for roosting bats.

4.2.23 A small number of minor features that could possibly be used by roosting bats were noted elsewhere; largely on the southern elevation. The potential value of these features is likely to be limited by the amount of external lighting present across the site and attached to the building as well as the nature and level of activity at this site.

4.2.24 None of the other buildings within the survey site will be affected by the proposed development. None of the trees within the survey site will be affected by the proposed development. No further survey is required and no impacts on roosting bats are anticipated.

4.2.25 The hard-standing and building that characterise the proposed development site are of negligible potential value for foraging/ commuting bats. No impact on foraging/ commuting bats is anticipated.

4.2.26 Features close to the proposed development site are of greater potential value for foraging/ commuting bats, in particular the woodland and scrub along the northern boundary. The slope supporting this habitat would not be directly impacted. It would be protected during the construction phase by the proposed temporary fencing.

4.2.27 It is understood that lighting will be installed at the mezzanine level – approximately 5 m above the ground – of the product silo only. This light would largely be used for this 'room' which will be covered by a panel for protection from the weather. No further detail is available on the type of lighting to be used. Given the location of this lighting it is assumed

that there would be virtually no vertical spill and little horizontal spill. As this side of the building has four existing flood-lights it is considered unlikely that this new lighting would significantly contribute to the current impact due to these flood-lights.

Great Crested Newts

- 4.2.28 There is no aquatic habitat within the survey site of potential value to Great Crested Newts.
- 4.2.29 Given that the survey site is located to the immediate south of Llay Quarry, that this site contains a number of waterbodies and supports a large population, Great Crested Newts could potentially be found anywhere within the survey site.
- 4.2.30 The terrestrial habitat within the proposed development site (hard-standing/ building) is considered to be of negligible potential value for Great Crested Newts. Amphibians may cross such areas (largely at night) but are unlikely to stay in this area. Some features largely around the periphery of the survey site are of greater potential value including a number of potential refugia/ hibernacula. None of these features will be directly impacted by the proposed development.
- 4.2.31 The risk to individual Great Crested Newts due to the proposed development is considered to be negligible/ low as it is entirely located in the centre of an existing large expanse of hard-standing and due to the likely short duration of the construction phase. No further survey is considered necessary as there is sufficient data available with which to assess potential impacts.
- 4.2.32 Based on the above assessment and the extent of the currently proposed development it is considered appropriate at this site to adopt a non-licensed Reasonable Avoidance Measures (RAMs) approach. Should this be the case then mitigation would be implemented in accordance with a RAMs Method Statement. The Method Statement will detail methods of working that will minimise any perceived risk to Great Crested Newts. The implementation of the RAMs will be organised and overseen by a suitably qualified ecologist. The proposed RAMs should include a Toolbox Talk by a suitably qualified ecologist that would outline the responsibility of individual contractors (with regards Great Crested Newts and other valued ecological resources). A visual/ hand-search of the proposed development site would be undertaken by the ecologist prior to commencement of the works. The contractors would then be required to maintain a 'watching brief' for the duration of the works.
- 4.2.33 Implementation of the Great Crested Newt/ reptile RAMs should only be undertaken when the preceding and following night-time temperature does not fall below 5°C and the day-time temperature is warm.
- 4.2.34 The inherent risk (to the proposed works) with using a non-licensed approach would be that should a Great Crested Newt be found at any time during the works then they would need to immediately cease and are unlikely to be able to re-commence until a Natural Resources Wales 'disturbance' licence had been obtained.
- 4.2.35 No particular impacts on Great Crested Newts are anticipated.

Reptiles

- 4.2.36 The proposed development site does not contain any habitat of potential value to reptiles. Habitat of potential value for reptiles is limited to the edges of the survey site particularly along the northern boundary. Grass Snakes have been recorded from the area and could potentially use the survey site.

4.2.37 The risk of the proposed works to reptiles is considered to be negligible as it is located within an area of existing hard-standing. As a precautionary approach, the potential presence of Grass Snakes within the wider site will be explained by the ecologist during the Toolbox Talk. Contractors will subsequently maintain a watching brief throughout the works. Should a reptile be found at any time, all works in this area should immediately cease and the ecologist be contacted for advice.

4.2.38 No particular impacts on (individual) reptiles are currently anticipated.

Birds

4.2.39 An old Pigeon nest was recorded on the metal support structure beneath a conveyor (*Target Note 13*) adjacent to the proposed development site. The proposed development site is characterised by hard-standing and the building at *Target Note 12*. It is not of any particular value for nesting birds. The proposed development would not give rise to a significant impact on local bird populations.

4.2.40 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).

4.2.41 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., works on the building) outside the nesting period (March to August inclusive). Should any occupied nests be found during the 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.

4.2.42 If it is not possible to work on the building 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.

Other Species

4.2.43 Hedgehogs have been recorded from the area. There are no features within the proposed development site that might be used for hibernation.

4.2.44 No significant (adverse) impacts on any other species of conservation interest are anticipated.

4.3 Enhancement Measures: Net Benefit for Biodiversity

Introduction

4.3.1 Technical Advice Note 5 (Nature Conservation and Planning) (Welsh Assembly Government, 2009) and Wrexham County Borough Council (2011) seek developments to achieve net biodiversity gain. The requirement to secure and maintain net benefit for biodiversity (NBB) (through enhancements) was reinforced in a letter issued by the Chief Planner (Welsh Government) to all planning departments in October 2019. NBB has been defined as '*the concept that development should leave biodiversity and ecosystems in a better state than before, through securing long term, measurable and demonstrable benefit, primarily on site.*'¹¹

¹¹ <https://www.gov.wales/targeted-policy-changes-planning-policy-wales-net-benefit-biodiversity-and-ecosystems->

- 4.3.2 This was reiterated in a letter from the Minister for Climate Change to the Heads of Planning dated October 2023. An Annex¹² attached to this letter provided text to update Planning Policy Wales (PPW). Subsequently, Chapter 6 of PPW has been updated as of 11/10/23 which provides *'further clarity on securing net benefit for biodiversity through the application of the step-wise approach, including the acknowledgement of off-site compensation measures as a last resort, and, the need to consider enhancement and long-term management at each step.'* NBB provision *'should be proportional to the extent and impact of development'* (CIEEM 2022).
- 4.3.3 WCBC (2011) lists *'examples of how enhancements could be achieved on development sites'*. The options provided include the provision of bird-boxes, and connecting existing habitats. CIEEM (2022) states that *'a key requirement is that the measures put forward are suitable in the local context of the site'*. It is proposed to provide a small number of Starling nest-boxes, and to remove scrub from areas of species-rich grassland on the slope at *Target Notes 8/ 8b* and *16*.
- 4.3.4 A small number of Starling were noted during the site visit. Loss of nest sites both in buildings and trees is one of the reasons that this species has declined. The Starling is a priority species listed on *Section 7* of the *Environment (Wales) Act 2016*.
- 4.3.5 There are some small areas of species-rich grassland along the slope by the northern site boundary. It appears that scrub, particularly Butterfly-bush in some places, is spreading into this habitat. This grassland is at least partly connected to a larger similar resource in the adjacent Llay Quarry. Records provided by Cofnod confirmed the presence of several species of moth and butterfly of conservation interest on Llay Industrial Estate. These records include Small Heath, Dingy Skipper and Cinnabar moth which are all priority species listed on *Section 7* of the *Environment (Wales) Act 2016*. The fragments of grassland remaining along the northern boundary may be suitable for these species. It is hoped that by clearing scrub from the grassland it would be enhanced for them.

Biodiversity Enhancement Recommendations

Starling Nest-boxes

- 4.3.6 Six nest-boxes suitable for Starling^{13 14} will be installed on larger trees along the northern slope (*Target Notes 8/ 8b* and *16*). The nest-boxes will 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 will be located somewhere between (facing) north through east to southeast; avoiding prevailing winds and direct sunlight where possible. Ideally, they will be located in small groups as Starlings are gregarious birds. These nest-boxes will be installed either by, or under the direction of, a suitably qualified ecologist to ensure correct installation.
- 4.3.7 The importance of securing long-term management/ maintenance and monitoring is central to the NBB approach (e.g., CIEEM 2022). This should also be proportional to the scale and impact of the development.

resilience

¹² Annex to Heads of Planning Letter Dated 11 October 2023: Addressing the Nature Emergency through the Planning System: Updated National Planning Policy for Chapter 6 of Planning Policy Wales.

¹³ <https://www.nhbs.com/3s-schwegler-starling-nest-box>

¹⁴ <https://www.nhbs.com/vivara-pro-woodstone-starling-nest-box>

- 4.3.8 Each nest-box should be inspected annually and cleaned if necessary. This can be undertaken by the site owner or an ecologist. All maintenance should be carried out when the last bird has left the nest-box; at least October. As such all nest-boxes should be cleaned in late-autumn (late October/ November). At least 2 to 3 weeks should be allowed after fledging before undertaking any cleaning. The *Wildlife and Countryside Act 1981*, as amended states that cleaning should only be carried out between 1st August and 31st January and that any eggs present should be destroyed immediately. All nest material should be completely removed and disposed of safely along with any other debris. To ensure that parasite build-up is controlled the inside of the nest-box should be cleansed with water. Care should be taken when opening nest-boxes as it is possible that they could be inhabited by bees, wasps or even bats.
- 4.3.9 The use of any of the nest-boxes by Starlings (or any other species) should be recorded during the nesting season (March to August inclusive). Starlings typically raise one or two broods a year. Records of nesting birds should be submitted to Cofnod¹⁵ (the Local Environmental Records Centre for North Wales).

Grassland Recovery and Management

- 4.3.10 Scrub/ young trees will be removed from the slope on the northern boundary (*Target Notes 8/ 8b and 16*) to open up existing patches of species-rich grassland. This work will be undertaken in the autumn/ winter and outside the bird nesting season. Where secondary woodland has established and no grassland flora remains beneath these trees, this habitat will be retained. Scrub/ young tree removal will only target areas where a grassland sward remains or is likely to develop following scrub removal. This work should be overseen by a suitably qualified ecologist.
- 4.3.11 Scrub/ young trees will be removed using hand-tools, chainsaws, scrub-cutters, etc. Brash/ logs will be placed in tidy piles beneath areas of retained scrub/ woodland and away from areas of potential botanical value. Cut stumps will be carefully treated with an appropriate herbicide in order to prevent rapid re-growth. It is likely that this management will need to be repeated perhaps once every three to five years.
- 4.3.12 At present it is not anticipated that the grassland will need to be cut but this will be reviewed depending on the results of the monitoring. It is proposed to initiate monitoring in years 1, 3 and 5 (after removal). Initially this monitoring would concentrate on the condition of the grassland and the success of the management operations. The visit could be undertaken at a time of year when one or more of the target butterfly/ moth species might be expected to be present (e.g. second half of May/ early June). This monitoring visit should be undertaken by a suitably qualified ecologist.
- 4.3.13 It is proposed that a Management Statement be produced after Year 1, at such a time when it is known how the grassland has responded to the scrub removal, and perhaps it has been confirmed one or more of the target species is present. This Statement can be a brief document just confirming the cyclic management tasks and timing, and the monitoring programme and its objectives.

¹⁵ <https://www.cofnod.org.uk/Home>

5 TARGET NOTES

Target Note 1. Single storey electricity sub-station with a flat roof. Not assessed.

Target Note 2. A single seedling of *Cotoneaster horizontalis* (Wall Cotoneaster).

Target Note 3. Scattered young scrub of *Salix caprea* (Goat Willow), *Fraxinus excelsior* (Ash), *Crataegus monogyna* (Hawthorn), *Rosa canina* agg. (Dog-rose), *Betula pendula* (Silver Birch) and *Rubus fruticosus* agg. (Bramble). The scrub is located over *Hedera helix* agg. (Ivy) or small patches of unimproved neutral grassland. The shrubs may have been cut back at some stage. It is partly located on a low earth bank with various piles of rubble.

Target Note 3a. *Cotoneaster simonsii* (Himalayan Cotoneaster) shrub.

Target Note 3b. A cluster of largely multi-stemmed semi-mature *Fraxinus excelsior* (Ash) trees. The largest has an approximate diameter at breast height (dbh) of 0.2 m. They appear to be suffering from Ash dieback. They are located in a thin strip of shrubs and unimproved grassland which is an extension of *Target Note 3*. They were not assessed in detail.

Target Note 4. A raised planter made of three courses of block-work extending to approximately 2.5 m wide and 12 m long. It includes various ornamental and wild plants such as *Achillea millefolium* (Yarrow), *Senecio squalidus* (Oxford Ragwort), *Centaurea nigra* (Common Knapweed), *Eschscholzia californica* (California Poppy), *Galanthus elwesii* (Giant Snowdrop), *Crocus x crocosmiiflora* (Montbretia), etc, and a small number of ornamental shrubs. It does not appear to have been tended recently.

Target Note 5. Heras fence panels form the boundary at this location. On the other side of the fence and presumably outside the site, there is an earth bank to approximately 3.5 m high. It has a slope of approximately 50°. The slope facing the site is characterised by fairly open young/ semi-mature birch woodland with abundant *Betula pendula* (Silver Birch), frequent *Salix caprea* (Goat Willow), *Acer pseudoplatanus* (Sycamore) saplings and locally frequent *Crataegus monogyna* (Hawthorn). The largest Birch trees have an approximate dbh of 0.2 m. Beneath the trees there are patches of unmanaged grassland or *Rubus fruticosus* agg. (Bramble) or it is often bare. In various places there are piles of kerbs, paviours, etc. Access to the whole boundary was not possible due to stored blocks.

Target Note 6. The main storage yard is characterised by hard-standing largely of concrete or paviours with numerous piles of blocks. Most of the blocks are not on pallets. There are some smaller piles of loose blocks, etc largely around the edge of the yard.

Target Note 7. A well used animal breach. No actual evidence of use by Badgers was found.

Target Note 8. This bank rises steeply from the hard-standing yard and continues to rise outside the site in Llay Quarry. In places the bank includes a lot of rubble, bricks, etc. There is a large, deep cut-off ditch approximately half-way up the slope inside the site. It is approximately 3-4 m deep on the up-hill side. It was entirely dry at the time of the survey. Towards the main building (*Target Note 12*) the open ditch is replaced by a French drain. There is a chain-link security fence along the boundary which at the western extent is approximately 4-5 m above the level of the stock yard. The bank is largely characterised by young broad-leaved woodland and/ or scrub with some small patches of unimproved neutral grassland particularly towards the main building. The woodland/ scrub contains frequent *Betula pendula* (Silver Birch), *Salix caprea* (Goat Willow), *Crataegus monogyna* (Hawthorn), locally frequent *Rosa canina* agg. (Dog-rose), *Rubus fruticosus* agg. (Bramble) and occasional *Quercus robur* (Pedunculate Oak). The largest trees have an approximate dbh of 0.25 m. There are occasional dense patches of *Ulex europaeus* (Gorse) scrub.

Target Note 8a. A patch of *Poa compressa* (Flattened Meadow-grass) which was found to be occasional to locally frequent along the slope particularly beneath the edge of the trees. A *Cotoneaster* sp. seedling was also noted at this location.

Target Note 8b. There are small patches of unimproved neutral grassland on the lower slope particularly towards the end by the building at **Target Note 12**. It is quite sparse in places, open and includes frequent bare ground/ lower plants. The grassland typically contains abundant *Festuca rubra* (Red Fescue), frequent *Leucanthemum vulgare* (Oxeye Daisy), occasional to locally frequent *Centaurea nigra* (Common Knapweed), occasional *Daucus carota* (Wild Carrot), *Plantago lanceolata* (Ribwort Plantain), *Vicia sativa* (Common Vetch), *Hypochaeris radicata* (Cat's-ear) and lesser amounts of *Brachypodium sylvaticum* (False Brome), *Lotus corniculatus* (Common Bird's-foot-trefoil) and *Erigeron acris* (Blue Fleabane). The bank at this location has an approximate slope of 45-60°.

Target Note 9. This is a continuation of the slope at **Target Note 8** but there is no cut-off drain. It largely supports more established woodland of *Betula pendula* (Silver Birch), *Salix caprea* (Goat Willow), *Salix cinerea* (Grey Willow), *Acer pseudoplatanus* (Sycamore), *Fraxinus excelsior* (Ash) and *Buddleja davidii* (Butterfly-bush). It was shaded by the main building at the time of the survey. Access was difficult/ not possible in places. *Poa compressa* (Flattened Meadow-grass) was found to be occasional to locally frequent.

Target Note 12. The main CCP building is essentially a large industrial unit with a steel frame, and for the most part, corrugated metal sheet clad elevations and roof. The bottom 1.5 m of the walls are formed with stone block-work. The various roofs are sloping. The highest section is approximately 3 to 4 storeys high. There does not appear to be a roof space. No internal inspection was undertaken. On the southern elevation there is a two-storey office section approximately one-third of which has stone block elevations with PVC window units. There are a couple of holes in the block work in the eastern end presumably where pipes have been removed. All sides of the building are fitted with bulkhead and flood lighting. On the south side there are five of each as well as adjacent high floodlight stanchions in the stock yard. The corrugations at the wall top all appear to be well sealed though this was difficult to confirm. Some minor gaps were noted between the block wall top and metal cladding in a couple of places. It was not possible to see how deep these holes were but they are thought unlikely to extend far. There is one roller shutter door in the southern elevation. This has a 15 cm gap at the top.

The west elevation is all metal sheet cladding with no windows. It is mostly 3-4 storeys high. The metal sheet cladding appears to be double-skin – there is a 5 cm gap which appears to be filled with fibre-glass insulation. There are some small holes in the metal sheets on the western elevation however they do not lead far due to the insulation. There are three roller shutter doors with gaps above them. The interior was viewed from one of these doors: it is very light, dusty, noisy and with a lot of activity. There is no roof space here. The west side has four flood-lights and two bulk-heads. The northern elevation is similar to the west and has no windows or doors. The east side is also similar but has two roller shutter doors.

Target Note 13. A disused Pigeon nest constructed on the metal frame beneath a conveyor.

Target Note 14. A similar building to that at **Target Note 12**. Not assessed.

Target Note 15. Scattered mostly *Buddleja davidii* (Butterfly-bush) shrubs with small patches of unmanaged unimproved neutral grassland.

Target Note 15a. A mature *Cotoneaster horizontalis* (Wall Cotoneaster) shrub. Several others were noted further west along this slope.

Target Note 16. The bank at this location includes a lot of various loose materials including soil, rocks, kerbs, brash, logs, etc. One *Cotoneaster* sp. seedling was noted. The bank is often dominated by

Buddleja davidii (Butterfly-bush) scrub. There are also some patches of species-rich unimproved neutral grassland particularly towards the boundary fence.

Target Note 17.

Target Note 17a. Three animal breaches. No evidence of use by Badgers was recorded.

Target Note 18. A small clump of *Reynoutria* sp. (Knotweed). It was not possible to confirm the species.

Target Note 19. Two buildings that house aggregate loading bays. They have concrete and block half-height walls topped with metal sheet cladding. The sloping roof is constructed with similar metal sheets. Not assessed.

Target Note 20. Two vertical concrete sided water-filled tanks. The water is very cloudy and there is no vegetation.

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7 DATA

Table 1 – Vascular plant species recorded within the survey site

Plant Species	<i>Erophila verna</i> (Spring Whitlowgrass)
<i>Acer pseudoplatanus</i> (Sycamore)	<i>Eschscholzia californica</i> (California Poppy)
<i>Betula pendula</i> (Silver Birch)	<i>Euphorbia peplus</i> (Petty Spurge)
<i>Buddleja davidii</i> (Butterfly-bush)	<i>Festuca rubra</i> (Red Fescue)
<i>Cornus</i> sp. (Dogwood)	<i>Fragaria vesca</i> (Wild Strawberry)
<i>Cotoneaster</i> sp.	<i>Galanthus elwesii</i> (Giant Snowdrop)
<i>Cotoneaster horizontalis</i> (Wall Cotoneaster)	<i>Galium aparine</i> (Cleavers)
<i>Cotoneaster simonsii</i> (Himalayan Cotoneaster)	<i>Geranium robertianum</i> (Herb-robert)
<i>Crataegus monogyna</i> (Hawthorn)	<i>Geum urbanum</i> (Wood Avens)
<i>Cupressus</i> sp. (Cypress)	<i>Hedera helix</i> agg. (Ivy)
<i>Forsythia ×intermedia</i> (Forsythia)	<i>Helminthotheca echioides</i> (Bristly Oxtongue)
<i>Fraxinus excelsior</i> (Ash)	<i>Hieracium</i> sp.
<i>Hibiscus</i> sp.	<i>Holcus lanatus</i> (Yorkshire-fog)
<i>Ilex aquifolium</i> (Holly)	<i>Hypericum perforatum</i> (Perforate St. John's-wort)
<i>Malus</i> sp. (Apple)	<i>Hypochaeris radicata</i> (Cat's-ear)
<i>Picea abies</i> (Norway Spruce)	<i>Juncus effusus</i> (Soft-rush)
<i>Prunus spinosa</i> (Blackthorn)	<i>Juncus inflexus</i> (Hard Rush)
<i>Quercus robur</i> (Pedunculate Oak)	<i>Lapsana communis</i> (Nipplewort)
<i>Rosa arvensis</i> (Field-rose)	<i>Leucanthemum vulgare</i> (Oxeye Daisy)
<i>Rosa canina</i> agg. (Dog-rose)	<i>Linaria purpurea</i> (Purple Toadflax)
<i>Salix caprea</i> (Goat Willow)	<i>Lotus corniculatus</i> (Common Bird's-foot-trefoil)
<i>Salix cinerea</i> (Grey Willow)	<i>Medicago lupulina</i> (Black Medick)
<i>Symphoricarpos albus</i> (Snowberry)	<i>Melilotus</i> sp. (Melilot)
<i>Ulex europaeus</i> (Gorse)	<i>Oenothera</i> sp. (Evening-primrose)
	<i>Pilosella officinarum</i> (Mouse-ear-hawkweed)
<i>Achillea millefolium</i> (Yarrow)	<i>Plantago lanceolata</i> (Ribwort Plantain)
<i>Agrostis capillaris</i> (Common Bent)	<i>Plantago major</i> (Greater Plantain)
<i>Agrostis stolonifera</i> (Creeping Bent)	<i>Poa annua</i> (Annual Meadow-grass)
<i>Alliaria petiolata</i> (Garlic Mustard)	<i>Poa compressa</i> (Flattened Meadow-grass)
<i>Aquilegia vulgaris</i> (Columbine)	<i>Potentilla reptans</i> (Creeping Cinquefoil)
<i>Artemisia vulgaris</i> (Mugwort)	<i>Prunella vulgaris</i> (Selfheal)
<i>Brachypodium sylvaticum</i> (False Brome)	<i>Ranunculus acris</i> (Meadow Buttercup)
<i>Calendula officinalis</i> (Pot Marigold)	<i>Ranunculus bulbosus</i> (Bulbous Buttercup)
<i>Cardamine hirsuta</i> (Hairy Bittercress)	<i>Ranunculus repens</i> (Creeping Buttercup)
<i>Carex nigra</i> (Common Sedge)	<i>Reynoutria</i> sp. (Knotweed)
<i>Carex pendula</i> (Pendulous Sedge)	<i>Rubus fruticosus</i> agg. (Bramble)

<i>Centaurea nigra</i> (Common Knapweed)	<i>Scrophularia nodosa</i> (Common Figwort)
<i>Centaureum erythraea</i> (Common Centaury)	<i>Senecio jacobaea</i> (Common Ragwort)
<i>Cerastium fontanum</i> (Common Mouse-ear)	<i>Senecio squalidus</i> (Oxford Ragwort)
<i>Chamerion angustifolium</i> (Rosebay Willowherb)	<i>Senecio vulgaris</i> (Groundsel)
<i>Cirsium arvense</i> (Creeping Thistle)	<i>Sisymbrium officinale</i> (Hedge Mustard)
<i>Cirsium vulgare</i> (Spear Thistle)	<i>Sonchus oleraceus</i> (Smooth Sowthistle)
<i>Clematis vitalba</i> (Traveller's-joy)	<i>Taraxacum</i> sect. <i>Ruderalia</i> (Common Dandelion)
<i>Crocsmia ×crocsmiiflora</i> (Montbretia)	<i>Teucrium scorodonia</i> (Wood-sage)
<i>Crocus</i> sp.	<i>Trifolium repens</i> (White Clover)
<i>Dactylis glomerata</i> (Cock's-foot)	<i>Tripleurospermum inodorum</i> (Scentless Mayweed)
<i>Daucus carota</i> (Wild Carrot)	<i>Tussilago farfara</i> (Colt's-foot)
<i>Deschampsia cespitosa</i> (Tufted Hair-grass)	<i>Urtica dioica</i> (Common Nettle)
<i>Dipsacus fullonum</i> (Wild Teasel)	<i>Verbascum thapsus</i> (Great Mullein)
<i>Dryopteris filix-mas</i> (Male-fern)	<i>Veronica filiformis</i> (Slender Speedwell)
<i>Epilobium hirsutum</i> (Great Willowherb)	<i>Veronica persica</i> (Common Field-speedwell)
<i>Epilobium montanum</i> (Broad-leaved Willowherb)	<i>Vicia sativa</i> (Common Vetch)
<i>Erigeron acris</i> (Blue Fleabane)	<i>Vulpia myuros</i> (Rat's-tail Fescue)
<i>Erigeron canadensis</i> (Canadian Fleabane)	

8 APPENDIX 1 - SPECIES-SPECIFIC LEGISLATION

8.1 Introduction

- 8.1.1 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.
- 8.1.2 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.

8.2 Badger

- 8.2.1 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.

8.3 Bats

- 8.3.1 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*).
- 8.3.2 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.
- 8.3.3 Several species of bat are included on *Section 7* of the *Environment Act 2016*.
- 8.3.4 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.

8.4 Great Crested Newt

- 8.4.1 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. They are also listed as European Protected Species on *Schedule 2* of *The Conservation of Habitats and Species Regulations*

2017 which gives it full protection under *Regulation 42(1)*. The legislation applies to all life stages of the Great Crested Newt, including eggs, larvae, juveniles and adults.

8.4.2 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.

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

8.5 Reptiles

8.5.1 Viviparous Lizard, Grass Snake, Slow-worm and Adder are all listed under *Schedule 5* of the *Wildlife and Countryside Act 1981* (as amended), in respect of *Section 9(5)* and part of *Section 9(1)*. This protection was extended by the *CRoW Act 2000*.

8.5.2 Under the above legislation it is an offence to:

- intentionally or recklessly kill or injure any individual of such a species; or
- sell or attempt to sell any part of the species alive or dead.

8.5.3 All four of the above listed reptiles are included on *Section 7* of the *Environment Act 2016*.

8.6 Birds

8.6.1 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*.

8.6.2 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.

8.6.3 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.

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

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



cofnod

Gwasanaeth Gwybodaeth Amgylcheddol Gogledd Cymru
North Wales Environmental Information Service

Cofnod Environmental Information Search (PUBLIC VERSION)

Our Reference	CO/E12058
Your Reference	C533/001
Requested By	Tom Knight, Marches Ecology LLP
Data Users	Tom Knight, Partner, Marches Ecology; Max Ellson, Partner, Marches Ecology; Rachel Bain, Green Portal Business Solutions Ltd; Paul Beswick, Material Evolution Ltd
Search Date	22/01/2024 13:58
Expiry Date	22/07/2024 (may be extended on request)
Search Type	Chargeable

Important Information

- 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 (22/07/2024).
- Past records of presence of a habitat or species do not guarantee continued occurrence; absence of records does not imply absence of a species, merely that no records are held by Cofnod; Cofnod cannot guarantee the accuracy of supplied data; copyright of records remains with the original recorder.
- The Dataset ID associated with each record can be used to find information about the provenance of the data. See the [Cofnod Metadata](#) page for more information.
- Verification Levels are given for each record and indicate whether the record has been assessed by an expert.
- Please [contact us](#) if you have any questions about using the data or wish to add further Data Users.

Notes

- Records with 1km, 2km, 5km, 10km or 100km grid references (where present) are highlighted with, for example, (1km) next to the distance to indicate that the distance should not be considered to be exact given the vague nature of the grid reference.
- Records shown in **bold** typeface are sensitive species records, and some details have been restricted in this public version of the report.

Verification Levels

- **UA:** Unassessed
- **PC:** Probably Correct
- **KC:** Known Correct
- **NA:** Not Required

Species Categories

- **All Other Species:** Any species not included in other categories
- **Category 1 Species:** Species with European and/or UK Legal Protection, Section 7 Species or UK BAP Priority Species
- **Category 2 Species:** Global Red List, British Red Data Book, Nationally Rare & Scarce, Welsh Red and Amber Birds & Welsh Red Data Lists, not identified in Category 1
- **Category 3 Species:** Local species not identified under Categories 1 & 2, Locally Important species as specified by local experts

Abbreviations

BAP - UK Biodiversity Action Plan Priority Species, **BDir1** - EU Birds Directive Annex 1 - Birds which are the subject of special conservation measures, **BDir2.1** - EU Birds Directive Annex 2.1 - Birds which may potentially be hunted, **BDir2.2** - EU Birds Directive Annex 2.2 - Birds which may potentially be hunted within certain member states, **Bern2** - Bern Convention on the Conservation of European Wildlife and Natural Habitats, Appendix 2 - Strictly protected fauna species, **Bern3** - Bern Convention on the Conservation of European Wildlife and Natural Habitats, Appendix 3 - Protected fauna species, **Bonn2** - Bonn Convention on the Conservation of Migratory Species of Wild Animals, Appendix 2 - Migratory Species to be the subject of agreements, **CHS2** - The Conservation of Habitats and Species Regulations 2010, Schedule 2 - European Protected Species of Animals, **CITES-A** - Convention on International Trade in Endangered Species, Annex A - Species threatened with extinction, **CITES-B** - Convention on International Trade in Endangered Species, Annex B - Species that may become extinct unless trade is closely controlled, **CITES-C** - Convention on International Trade in Endangered Species, Annex C - Species subject to regulation, **GBNNSIP** - Great Britain Non-native Species Inventory Portal Checklist of Non-native Species, **HDir2** - Habitats Directive, Annex II - Species requiring designation of Special Areas of Conservation, **HDir4** - Habitats Directive, Annex IV - Species in need of strict protection, **HDir5** - Habitats Directive, Annex V - Species where population management is decided by individual countries, **INNS** - Invasive Non-native Species, **INNS-IAS** - The Invasive Alien Species (Enforcement and Permitting) Order 2019: Species of Special Concern, **INNS-W** - Invasive Non-native Species (INNS) of Interest to Wales, **LBAP-A** - Anglesey Local Biodiversity Action Plan, **LBAP-C** - Conwy Local Biodiversity Action Plan, **LBAP-D** - Denbighshire Local Biodiversity Action Plan, **LBAP-E** - Eryri National Park Authority Local Biodiversity Action Plan, **LBAP-F** - Flintshire Local Biodiversity Action Plan, **LBAP-G** - Gwynedd Local Biodiversity Action Plan, **LBAP-T** - North and Mid Wales Trunk Road Agent Biodiversity Action Plan, **LBAP-W** - Wrexham Local Biodiversity Action Plan, **LI-BR-48[EX]** - Bryophyte Rarity List for Vice-County 48: Merionethshire (Locally extinct),

LI-BR-48[LR] - Bryophyte Rarity List for Vice-County 48: Merionethshire (Locally rare), **LI-BR-49[LR]** - Bryophyte Rarity List for Vice-County 49: Caernarvonshire (Locally rare), **LI-BR-51[LR]** - Bryophyte Rarity List for Vice-County 51: Flintshire (Locally rare), **LI-BR-52[LR]** - Bryophyte Rarity List for Vice-County 52: Anglesey (Locally rare), **LI-VP-48[LE]** - Rare Plant Register for Vice-County 48: Merionethshire (Locally Extinct), **LI-VP-48[LNS]** - Rare Plant Register for Vice-County 48: Merionethshire (Locally Not Scarce), **LI-VP-48[LR]** - Rare Plant Register for Vice-County 48: Merionethshire (Locally Rare), **LI-VP-48[LS]** - Rare Plant Register for Vice-County 48: Merionethshire (Locally Scarce), **LI-VP-49[LR]** - Rare Plant Register for Vice-County 49: Caernarvonshire (Locally Rare), **LI-VP-49[LS]** - Rare Plant Register for Vice-County 49: Caernarvonshire (Locally Scarce), **LI-VP-50[LNS]** - Rare Plant Register for Vice-County 50: Denbighshire (Locally near scarce), **LI-VP-50[LR]** - Rare Plant Register for Vice-County 50: Denbighshire (Locally rare), **LI-VP-50[LS]** - Rare Plant Register for Vice-County 50: Denbighshire (Locally scarce), **LI-VP-51[LR]** - Rare Plant Register for Vice-County 51: Flintshire (Locally rare), **LI-VP-51[LS]** - Rare Plant Register for Vice-County 51: Flintshire (Locally scarce), **LI-VP-52[LR]** - Rare Plant Register for Vice-County 52: Anglesey (Locally Rare), **LI-VP-52[LS]** - Rare Plant Register for Vice-County 52: Anglesey (Locally Scarce), **PBA** - Protection of Badgers Act 1992, **RDB-N** - Red Data Book listing (not based on IUCN guidelines) - Notable, **RDB-NA** - Red Data Book listing (not based on IUCN guidelines) - Notable A, **RDB-NR** - Red Data Book listing (not based on IUCN guidelines) - Nationally Rare, **RDB-NS** - Red Data Book listing (not based on IUCN guidelines) - Nationally Scarce, **RL-CR** - IUCN Red List of Threatened Species - Critically Endangered, **RL-DD** - IUCN Red List of Threatened Species - Data Deficient, **RL-EN** - IUCN Red List of Threatened Species - Endangered, **RL-NT** - IUCN Red List of Threatened Species - Near Threatened, **RL-PX** - IUCN Red List of Threatened Species - Possibly Extinct, **RL-VU** - IUCN Red List of Threatened Species - Vulnerable, **S7** - Environment (Wales) Act 2016 (Section 7), **UKBA** - RSPB/BTO Birds of Conservation Concern - Amber list (not based on IUCN criteria), **UKBR** - RSPB/BTO Birds of Conservation Concern - Red list (not based on IUCN criteria), **WBA** - RSPB/BTO Birds of Conservation Concern in Wales - Amber list (not based on IUCN criteria), **WBR** - RSPB/BTO Birds of Conservation Concern in Wales - 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 during the close season, **WCA5** - Wildlife & Countryside Act 1981 Schedule 5 - Animals which are protected, **WCA8** - Wildlife & Countryside Act 1981 Schedule 8 - Plants which are protected, **WCA9** - Wildlife & Countryside Act 1981 Schedule 9 - Animals and plants which may not be released/planted or allowed to escape/grow in the wild, **WRL-TM[VU]** - IUCN compliant Red List for Britain's Terrestrial Mammals (Vulnerable), **WRL-VP[DD]** - Vascular Plant Red Data List for Wales (Data Deficient), **WRL-VP[NT]** - Vascular Plant Red Data List for Wales (Near Threatened), **WRL-VP[VU]** - Vascular Plant Red Data List for Wales (Vulnerable)

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 should not be released into the Public Domain.
Species Name	Name of the taxon (usually identified to species level) using the binomial system.
Grid Reference	Grid reference based on the Ordnance Survey grid system.
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 the LERC directly.
Abundance	Number of individuals recorded. Where not specified it is assumed that at least one was present.
Record Type	A description of the type of record.
Site Name	The site name (if one has been supplied). For any Sensitive Species Records, this cannot be released into the Public Domain.
Notes	Any additional notes about the sighting. 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	An indicator showing the level of confidence held in the record's correct identification.

Dataset Information

The records in these results are drawn from the following datasets. Use the Dataset ID next to each record to find its dataset.

Dataset ID	Title	Acknowledgements	Type
D0026/279/01	Records captured from CCW regional files - CCW File M1.1.4.2 - North Wales - Amphibian Survey and Monitoring	Cyfoeth Naturiol Cymru/Natural Resources Wales	Species
D0035/002/01	Vice-County dataset - Reptile records from Denbighshire and Flintshire Vice-counties (50 and 51)	Mick Brummage (North East Wales Amphibian and Reptile Network)	Species
D0045/001/02	Wales Otter Survey Database - Records from the 3rd and 4th Otter Surveys of Wales (1991 - 2002)	Joint Nature Conservation Committee (NBN download, 21/01/2020)	Species
D0059/006/01	North Wales badger records held by Clwyd Badger Group (including some historic data) - Badger road traffic accidents recorded by CBG	Clwyd Badger Group (clwydbadgergroup@btinternet.com)	Species
D0059/009/01	North Wales badger records held by Clwyd Badger Group (including some historic data) - Badger road traffic accidents recorded by CBG, imported from spreadsheet	Clwyd Badger Group (clwydbadgergroup@btinternet.com)	Species
D0062/008/01	Vice-County dataset - Bird records from Flintshire and Denbighshire Vice-counties (50 and 51) - All records up to 2018	Ian M Spence (Clwyd Bird Recording Group)	Species
D0132/001/02	Green Shoots North Wales records	British Association for Shooting and Conservation	Species
D0145/001/09	Vice-County dataset - Arachnid records from Wales (and some additional invertebrate data) - Cofnod area records	Richard Gallon	Species
D0158/003/01	Miscellaneous species records held by North Wales Wildlife Trust in a BIORECS recording database. - Full database	Ymddiriedolaeth Natur Gogledd Cymru/North Wales Wildlife Trust	Species
D0216/001/03	Miscellaneous species records held by Denbighshire County Council (records to 2004)	Cyngor Sir Ddinbych/Denbighshire County Council	Species
D0217/001/04	Welsh Invertebrate Database (WID) - Records from within the Cofnod boundary	Cyfoeth Naturiol Cymru/Natural Resources Wales	Species
D0346/003/01	eBird records - Records from Cofnod area between 2011 and 2019	Cornell Lab of Ornithology	Species
D0346/006/01	eBird records - 2022 records from Cofnod area	Cornell Lab of Ornithology	Species
D0969/001/05	Miscellaneous species records submitted to rECOrd	rECOrd	Species
D1072/001/02	Mammal records from Britain from the Atlas of Mammals (1993), with some subsequent records	Biological Records Centre (NBN Download)	Species
D1075/001/06	Bryophyte data for Great Britain from the British Bryological Society held by BRC: Atlas 2014 - North Wales data	British Bryological Society (NBN download 04/12/2019)	Species

D1078/001/02	Crane fly (Diptera; Tipuloidea) records for Britain to 2016	Biological Records Centre & Crane fly Recording Scheme (NBN Download, 20/12/2018)	Species
D1117/001/01	ad hoc Cofnod Online Recording System records	Individual Recorder(s)	Species
D1118/011/03	Miscellaneous species datasets held in MapInfo format by Matthew Ellis - Great Crested Newt records	Cyfoeth Naturiol Cymru/Natural Resources Wales	Species
D1169/004/04	Vice-County dataset - Vascular plant records from Denbighshire Vice-county (50). - Complete dataset	Delyth Williams (BSBI Vice County Recorder)	Species
D1201/001/02	British Arachnological Society/Spider and Harvestman Recording Schemes dataset	Spider Recording Scheme	Species
D1275/001/01	Records of spiders and their allies by Bryan Formstone - Records to 2010	Bryan Formstone	Species
D1275/002/01	Records of spiders and their allies by Bryan Formstone - Records 2010 - 2016 (and some additional earlier records)	Bryan Formstone	Species
D1285/001/03	Vice-County dataset - Moth records from Denbighshire and Flintshire Vice-counties (50 and 51)	Justin Williams	Species
D1295/001/05	Dragonfly records from the British Dragonfly Society Recording Scheme - Records from the Cofnod area	British Dragonfly Society Recording Scheme (2022). Dragonfly records from the British Dragonfly Society Recording Scheme. Occurrence dataset on the NBN Atlas	Species
D1297/021/01	BirdTrack records - 2016 records from within the Cofnod boundary	British Trust for Ornithology & Individual recorders	Species
D1297/025/01	BirdTrack records - 2004-2018 data from Vice-Counties 50 & 51 (Denbighshire & Flintshire)	Ian M. Spence and British Trust for Ornithology	Species
D1297/026/01	BirdTrack records - 2019 data from Vice-County 50 (Denbighshire)	Ian M. Spence and British Trust for Ornithology	Species
D1297/027/01	BirdTrack records - 2019 data from Vice-County 51 (Flintshire)	Ian M. Spence and British Trust for Ornithology	Species
D1297/039/01	BirdTrack records - 2020 records for Vice-County 50 (Denbighshire)	Ian M. Spence and British Trust for Ornithology	Species
D1297/040/01	BirdTrack records - 2020 records for Vice-County 51 (Flintshire)	Ian M. Spence and British Trust for Ornithology	Species
D1297/047/01	BirdTrack records - 2021 records from within the Cofnod boundary (excluding Meirionnydd)	Julian Hughes & British Trust for Ornithology	Species
D1297/049/01	BirdTrack records - 2022 records for Vice-County 51 (Flintshire)	Ian M. Spence & British Trust for Ornithology	Species
D1297/050/01	BirdTrack records - 2022 records for Vice-County 50 (Denbighshire)	Ian M. Spence & British Trust for Ornithology	Species
D1308/002/01	Flintshire (VC51) County Rare Plant Register - BROWN, B.M., 2020: "The Rare Plants of Flintshire. A Register of the rare, scarce or threatened plants in the old county of Flintshire, botanical vice-county 51. Based on the original edition by Goronwy Wynne, with Delyth Williams & Joe Phillips". Botanical Society of the British Isles	Botanical Society of the British Isles	Species

D1320/014/01	Records collected as part of Great Crested Newt monitoring coordinated by Natural Resources Wales - Data entered onto Cofnod ORS	North East Wales Amphibian and Reptile Network and Amphibian and Reptile Conservation	Species
D1373/001/05	Historic Vice-County dataset - Butterfly records from Denbighshire and Flintshire Vice-counties (50 and 51)	David Hinde	Species
D1383/001/01	Hedgehog records submitted to Cofnod via their Online Recording System	Individual Recorders, and North Wales Local Biodiversity Action Plan partnerships.	Species
D1397/001/01	Hoverfly records collected by Bryan Formstone	Bryan Formstone	Species
D1480/001/01	Wales Online Amphibian & Reptile Atlas Ad-hoc Records	Amphibian & Reptile Conservation Trust	Species
D1486/001/01	Natural Resources Wales North Wales Bat Roosts	Cyfoeth Naturiol Cymru/Natural Resources Wales	Species
D1587/002/01	Plant records collected and collated by Jonathan Shanklin from VC51 (Flintshire) - Records from 2014	Jonathan Shanklin	Species
D1587/027/01	Plant records collected and collated by Jonathan Shanklin from VC51 (Flintshire) - February 2019	Jonathan Shanklin	Species
D1587/031/01	Plant records collected and collated by Jonathan Shanklin from VC51 (Flintshire) - October 2019	Jonathan Shanklin	Species
D1587/044/01	Plant records collected and collated by Jonathan Shanklin from VC51 (Flintshire) - Records from April 2022	Jonathan Shanklin	Species
D1650/001/02	Miscellaneous invertebrate species records by Bryan Formstone and others - Aculeata records from Vice-counties 50 and 51	Bryan Formstone	Species
D1650/006/01	Miscellaneous invertebrate species records by Bryan Formstone and others - Larger Brachycera records	Bryan Formstone	Species
D1688/004/01	Big Hedgehog Map records - Records from 2010 to January 2020	People's Trust for Endangered Species	Species
D1688/007/01	Big Hedgehog Map records - Records from January 2021 - July 2021	People's Trust for Endangered Species	Species
D1734/001/02	Swift Inventory of Low-Level Screaming Parties in the UK, 2009-2014 - Records from Cofnod area	RSPB (NBN download, 23/01/2020)	Species
D1735/001/02	Swift Inventory of Nest Sites in the UK, 2009-2014 - Records from Cofnod area	RSPB (NBN download, 23/01/2020)	Species
D1779/001/02	Tir Cynnal and Tir Gofal Monitoring and Evaluation Programme: Whole-farm surveys for yellowhammer and curlew	Welsh Government (NBN Download, 12/11/2019)	Species
D1814/001/01	Records of Curlew and Lapwing collected as part of the Curlew Cymru Project	Individual recorders	Species
D1844/001/03	iRecord data for the Cofnod area - Verified data	Biological Records Centre and Individual Recorders	Species
D1852/001/01	RSPB Big Garden Birdwatch winter sightings in the UK in 2008 - 2008 records	RSPB (NBN Download, 16/01/2019)	Species

D1852/002/01	RSPB Big Garden Birdwatch winter sightings in the UK in 2008 - 2009 records	RSPB (NBN Download, 16/01/2019).	Species
D1873/001/02	Miscellaneous species records collected at Llay Eastern Command & Custody Facility - Records from 2019 onwards, including from a BioBlitz held on 18th May 2019	North Wales Police & Ecoscope Ltd	Species
D1873/003/01	Miscellaneous species records collected at Llay Eastern Command & Custody Facility - 2013 records	North Wales Police & Ecoscope Ltd	Species
D1906/001/01	Soldierflies and Allies Recording Scheme - data verified via iRecord	Biological Records Centre (NBN Download, 23/10/2019)	Species
D1923/001/01	Natural Resources Wales (NRW) Licence Return Dataset	Cyfoeth Naturiol Cymru/Natural Resources Wales (NBN Download, 05/12/2019)	Species
D1944/001/01	Big Bluebell Watch - 2017 records	The Woodland Trust (NBN Download)	Species
D0220/005/01	GIS Datasets for Protected Sites in Wales - Local Nature Reserves (LNR)	Cyfoeth Naturiol Cymru/Natural Resources Wales	Sites
D0220/005/02	GIS Datasets for Protected Sites in Wales - Local Nature Reserves (LNR)	Cyfoeth Naturiol Cymru/Natural Resources Wales	Sites
D0220/005/03	GIS Datasets for Protected Sites in Wales - Local Nature Reserves (LNR)	Cyfoeth Naturiol Cymru/Natural Resources Wales	Sites
D0220/005/04	GIS Datasets for Protected Sites in Wales - Local Nature Reserves (LNR)	Cyfoeth Naturiol Cymru/Natural Resources Wales	Sites
D0220/005/05	GIS Datasets for Protected Sites in Wales - Local Nature Reserves (LNR)	Cyfoeth Naturiol Cymru/Natural Resources Wales	Sites
D0220/005/06	GIS Datasets for Protected Sites in Wales - Local Nature Reserves (LNR)	Cyfoeth Naturiol Cymru/Natural Resources Wales	Sites
D0220/005/07	GIS Datasets for Protected Sites in Wales - Local Nature Reserves (LNR)	Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Contains Ordnance Survey Data. Ordnance Survey Licence number 100019741. Crown Copyright and Database Right.	Sites
D0220/005/08	GIS Datasets for Protected Sites in Wales - Local Nature Reserves (LNR)	Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Contains Ordnance Survey Data. Ordnance Survey Licence number 100019741. Crown Copyright and Database Right.	Sites
D0220/009/01	GIS Datasets for Protected Sites in Wales - Sites of Special Scientific Interest (SSSI) - GIS dataset	Cyfoeth Naturiol Cymru/Natural Resources Wales	Sites
D0220/009/02	GIS Datasets for Protected Sites in Wales - Sites of Special Scientific Interest (SSSI) - GIS dataset	Cyfoeth Naturiol Cymru/Natural Resources Wales	Sites
D0220/009/03	GIS Datasets for Protected Sites in Wales - Sites of Special Scientific Interest (SSSI) - GIS dataset	Cyfoeth Naturiol Cymru/Natural Resources Wales	Sites

D0220/009/04	GIS Datasets for Protected Sites in Wales - Sites of Special Scientific Interest (SSSI) - GIS dataset	Cyfoeth Naturiol Cymru/Natural Resources Wales	Sites
D0220/009/05	GIS Datasets for Protected Sites in Wales - Sites of Special Scientific Interest (SSSI) - GIS dataset	Cyfoeth Naturiol Cymru/Natural Resources Wales	Sites
D0220/009/06	GIS Datasets for Protected Sites in Wales - Sites of Special Scientific Interest (SSSI) - GIS dataset	Cyfoeth Naturiol Cymru/Natural Resources Wales	Sites
D0220/009/07	GIS Datasets for Protected Sites in Wales - Sites of Special Scientific Interest (SSSI) - GIS dataset	Cyfoeth Naturiol Cymru/Natural Resources Wales	Sites
D0220/009/08	GIS Datasets for Protected Sites in Wales - Sites of Special Scientific Interest (SSSI) - GIS dataset	Cyfoeth Naturiol Cymru/Natural Resources Wales	Sites
D0220/009/09	GIS Datasets for Protected Sites in Wales - Sites of Special Scientific Interest (SSSI) - GIS dataset	Cyfoeth Naturiol Cymru/Natural Resources Wales	Sites
D0220/009/10	GIS Datasets for Protected Sites in Wales - Sites of Special Scientific Interest (SSSI) - GIS dataset	Cyfoeth Naturiol Cymru/Natural Resources Wales	Sites
D0220/009/11	GIS Datasets for Protected Sites in Wales - Sites of Special Scientific Interest (SSSI) - GIS dataset	Cyfoeth Naturiol Cymru/Natural Resources Wales	Sites
D0220/009/12	GIS Datasets for Protected Sites in Wales - Sites of Special Scientific Interest (SSSI) - GIS dataset	Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Contains Ordnance Survey Data. Ordnance Survey Licence number 100019741. Crown Copyright and Database Right.	Sites
D0220/011/01	GIS Datasets for Protected Sites in Wales - Country Parks	Cyfoeth Naturiol Cymru/Natural Resources Wales	Sites
D0220/011/02	GIS Datasets for Protected Sites in Wales - Country Parks	Cyfoeth Naturiol Cymru/Natural Resources Wales	Sites
D0220/011/03	GIS Datasets for Protected Sites in Wales - Country Parks	Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Contains Ordnance Survey Data. Ordnance Survey Licence number 100019741. Crown Copyright and Database Right.	Sites
D0220/013/01	GIS Datasets for Protected Sites in Wales - Listed Buildings	Designated Historic Asset GIS Data, The Welsh Historic Environment Service (Cadw), licensed under the Open Government Licence http://www.nationalarchives.gov.uk/doc/open-government-licence/version/3/	Sites
D0220/013/02	GIS Datasets for Protected Sites in Wales - Listed Buildings	Designated Historic Asset GIS Data, The Welsh Historic Environment Service (Cadw), 09/05/2023, licensed under the Open Government Licence http://www.nationalarchives.gov.uk/doc/open-government-licence/version/3/	Sites
D1377/001/01	Wildlife Site boundaries for Wales	Various	Sites
D1377/001/02	Wildlife Site boundaries for Wales	Relevant Welsh Local Authorities and Local Wildlife Trusts, Cofnod, BIS and SEWBRc	Sites

D1377/001/03	Wildlife Site boundaries for Wales	Relevant Welsh Local Authorities and Local Wildlife Trusts, Cofnod, BIS and SEWBRc	Sites
D1377/001/04	Wildlife Site boundaries for Wales	Various	Sites
D1981/001/01	All Wales B-Lines GIS maps	Buglife Cymru	Sites
D1981/001/02	All Wales B-Lines GIS maps	Buglife Cymru	Sites
D2073/001/01	Important Invertebrate Areas	Buglife	Sites
D0157/002/01	Phase 1 Habitat Survey of Wales 1979-1997 - GIS layer showing habitats as polygons and using the phase 1 codes to identify the habitat category	Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Contains Ordnance Survey Data. Ordnance Survey Licence number 100019741. Crown Copyright and Database Right.	Habitats
D1006/004/01	Ancient Woodland Inventory 2021 - 2021	Cyfoeth Naturiol Cymru/Natural Resources Wales	Habitats
D1006/004/02	Ancient Woodland Inventory 2021 - 2021	Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Contains Ordnance Survey Data. Ordnance Survey Licence number 100019741. Crown Copyright and Database Right.	Habitats

Contact Us

Cofnod - North Wales Environmental Information Service

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

Tel: 01248 847456 Email: info@cofnod.org.uk Website: www.cofnod.org.uk Facebook: facebook.com/Cofnod Twitter: twitter.com/Cofnod Instagram: instagram.com/cofnod_lerc

Search Location	Grid Reference
CCP, Llay	SJ3265656135

Category 1 Species										
Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Agrochola lychnidis</i> (Beaded Chestnut / Castan Leiniog)	SJ325553	01/10/1980	J.B. Formstone	1 Adult		Alyn waters Llay	Habitat: Quarry: disused. Method: MV Light	D1285/001/03	BAP, LBAP-G, S7	NA
<i>Alauda arvensis</i> (Skylark / Ehedydd)	SJ3255	2 records, between 25/03/2016 and 27/06/2019	Kevin J Smith; Dr Anne Brenchley	1		Llay, W; SJ3255 Alyn Waters CP Llay side N	BirdTrack; Breeding status: S	D1297/025/01 , D1297/026/01	BAP, BDir2.2, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-G, S7, UKBR, WBA	PC
<i>Alauda arvensis</i> (Skylark / Ehedydd)	SJ323554 (Estimated Centroid of Site)	~ 2005	BASC Recorder (15534803-1)				Shoot Size Range: 0-3km	D0132/001/02	BAP, BDir2.2, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-G, S7, UKBR, WBA	PC
<i>Alauda arvensis</i> (Skylark / Ehedydd)	SJ325566 (Supplied by Original Recorder Centroid of Site)	18/05/2019	Richard Birch	1	Live Sighting	North Wales Eastern Command and Custody Facility, Llay	Adjacent fields	D1873/001/02	BAP, BDir2.2, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-G, S7, UKBR, WBA	PC
<i>Alauda arvensis</i> (Skylark / Ehedydd)	SJ3155 (Approximate)	13/03/2021	Mr Duncan Halpin	1		Sydallt		D1297/047/01	BAP, BDir2.2, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-G, S7, UKBR, WBA	UA
<i>Alcedo atthis</i> (Kingfisher / Glas y Dorlan)	SJ3155 (Approximate)	07/08/2021	Mr Steven Davies	1		Llay Pool		D1297/047/01	BDir1, Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-T, WBA, WCA1.1	UA
<i>Anthus trivialis</i> (Tree Pipit / Corhedydd y Coed)	SJ3155	08/04/2018	Kevin J Smith	1		Sydallt		D1297/025/01	BAP, Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBR, WBA	PC
<i>Arctia caja</i> (Garden Tiger / Teigr yr Ardd)	SJ328559	24/07/1979	J.B. Formstone	3 Adult		Llay Welfare	Habitat: Garden: rural. Method: Bred ex larvae	D1285/001/03	BAP, LBAP-G, S7	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Bufo bufo</i> (Common Toad / Llyffant Dafadennog)	SJ3265456708 (Supplied by Original Recorder)	30/03/2015	Anon	1 Age & Sex Unknown	Bottle trap	Llay Industrial Estate - General: P01	Capita Torch count record	D1320/014/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-T, S7, WCA5	PC
<i>Bufo bufo</i> (Common Toad / Llyffant Dafadennog)	SJ32305624 (Selected from Interactive Map)	15/05/2018	Lucy Boyett	1 Age & Sex Unknown	Torch Count	Llay - Colliery: Pond 01		D1320/014/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-T, S7, WCA5	NA
<i>Bufo bufo</i> (Common Toad / Llyffant Dafadennog)	SJ32205602 (Selected from Interactive Map)	17/04/2018	Tim Yardley	1 Age & Sex Unknown	Torch Count	Llay - Colliery: Pond 12		D1320/014/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-T, S7, WCA5	NA
<i>Bufo bufo</i> (Common Toad / Llyffant Dafadennog)	SJ3224455999 (Selected from Interactive Map)	28/05/2015	Rhian Hughes	1 Age & Sex Unknown	Torch Count	Llay - Colliery: Pond 03	Dead	D1320/014/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-T, S7, WCA5	NA
<i>Caradrina morpheus</i> (Mottled Rustic / Gwladwr Brith)	SJ325553	28/06/1980	J.B. Formstone	1 Adult		Alyn waters Llay	Habitat: Quarry: disused. Method: MV Light	D1285/001/03	BAP, LBAP-G, S7	NA
<i>Ceramica pisi</i> (Broom Moth / Gwyfyn Banadl)	SJ325553	28/06/1980	J.B. Formstone	1 Adult		Alyn waters Llay	Habitat: Quarry: disused. Method: MV Light	D1285/001/03	BAP, LBAP-G, S7	NA
<i>Charadrius dubius</i> (Little Ringed Plover / Cwtiad Torchog Bach)	SJ35 (Approximate)	31 records, between 07/04/2009 and 02/05/2022	Julie Rogers; Hugh Linn; Jason Newton; Kevin J Smith; Mr James Hughes; Mr Justin Williams; Mr Kevin Smith; Mr James Andrewes; Mr Steven Davies; Steven Davies; Neil Hughes; J Martin Jones; Mark T Br...	2; 3; 1	Reported to recorder	-Withheld-	-Withheld-	D0062/008/01 , D1297/047/01 , D1297/049/01 , D1297/039/01 , D1297/040/01 , D1297/025/01	Bern2, Bonn2, LBAP-C, WCA1.1	NA, PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Charadrius dubius</i> (Little Ringed Plover / Cwtiad Torchog Bach)	SJ35	06/04/2014	Anon	2		-Withheld-	-Withheld-	D1297/025/01	Bern2, Bonn2, LBAP-C, WCA1.1	PC
<i>Charadrius dubius</i> (Little Ringed Plover / Cwtiad Torchog Bach)	SJ35 (Selected from Interactive Map)	10/04/2014	Steve Palin	3 Adult		-Withheld-	-Withheld-	D1117/001/01	Bern2, Bonn2, LBAP-C, WCA1.1	PC
<i>Chiroptera</i> (Bat / Ystlum)	SJ3355	06/08/1992	Anon			-Withheld-	-Withheld-	D1486/001/01	Bern2, Bonn2, CHS2, HDir4, LBAP-T, WCA5	NA
<i>Chiroptera</i> (Bat / Ystlum)	SJ3355	29/11/2001	Anon			-Withheld-	-Withheld-	D1486/001/01	Bern2, Bonn2, CHS2, HDir4, LBAP-T, WCA5	NA
<i>Chiroptera</i> (Bat / Ystlum)	SJ3255 (Estimated Centroid of Site))	~ 2005	BASC Recorder (15534803-1)			-Withheld-	-Withheld-	D0132/001/02	Bern2, Bonn2, CHS2, HDir4, LBAP-T, WCA5	PC
<i>Chroicocephalus ridibundus</i> (Black-headed Gull / Gwylan Benddu)	SJ3356	24/03/2018	Trevor B Taylor	50+		Llay, N		D1297/025/01	BDir2.2, LBAP-G, RL-VU, S7, UKBA, WBR	PC
<i>Chroicocephalus ridibundus</i> (Black-headed Gull / Gwylan Benddu)	SJ3155 (Approximate)	55 records, between 16/05/2009 and 22/03/2022	Steven Davies; Alex Humphreys-Jones; Neil Hughes; Ron Rees Davies; Duncan Halpin; Jon A Lowes; Jason Newton; Mr Duncan Halpin; Recorder Name withheld (obsr341315); Mr James Hughes; Mr Steven Davies...	1; 4; 50; 2; 30+; 17; 7; 40+; 52; 6; 9; 37; 10+; 20+; c25	Reported to recorder	Sydallt;Sydallt, Gwersyllt, Alyn Waters CP, NW:Llay Pool;Llay pools, Clwyd	Birdtrack.: Activity: F; BirdTrack; Bird Track; Survey: Observer data; Activity: Flying; Flying	D1297/025/01 , D0062/008/01 , D1297/047/01 , D0346/003/01 , D1297/049/01 , D1297/050/01 , D1297/039/01 , D1297/040/01	BDir2.2, LBAP-G, RL-VU, S7, UKBA, WBR	PC, NA, UA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Chroicocephalus ridibundus</i> (Black-headed Gull / Gwylan Benddu)	SJ3255	14/11/2019	Dr Anne Brechley			SJ3255 Alyn Waters CP Llay side N		D1297/026/01	BDir2.2, LBAP-G, RL-VU, S7, UKBA, WBR	PC
<i>Coenonympha pamphilus</i> (Small Heath / Gweirlöyn Bach y Waun)	SJ325566 (Estimated Centroid of Site); Supplied by Original Recorder (Centroid of Site))	3 records, between June 2013 and 28/05/2019	Richard Birch; Brian Comer		Live Sighting	Llay Industrial Estate, Wrexham, LL12 0PG; North Wales Eastern Command and Custody Facility, Llay	Confirmed RB (Image)	D1873/003/01 , D1873/001/02	BAP, LBAP-G, RL-NT, S7	PC
<i>Coenonympha pamphilus</i> (Small Heath / Gweirlöyn Bach y Waun)	SJ325562	26/08/2005	Bryan Formstone	1 Adult		Llay Ind. Estate		D1373/001/05	BAP, LBAP-G, RL-NT, S7	NA
<i>Diarsia rubi</i> (Small Square-spot / Smotyng Sgwar Bach)	SJ325553	21/09/1998	M.H.Grice	1 Adult		Alyn waters Llay	Habitat: Quarry: disused. Method: MV Light	D1285/001/03	BAP, LBAP-G, S7	NA
<i>Emberiza schoeniclus</i> (Reed Bunting / Bras y Cyrs)	SJ3155 (Approximate)	3 records, between 07/04/2017 and 09/04/2021	Mr James Andrewes; Mr Kevin Smith; Duncan Halpin	1		Llay Pool; Sydalit	BirdTrack	D1297/039/01 , D1297/047/01 , D1297/025/01	BAP, Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBA, WBA	PC, UA
<i>Erinaceus europaeus</i> (Hedgehog / Draenog)	SJ331555 (Selected from Interactive Map)	14/06/2013	Emma Broad	1 Adult	Dead on road	Llay		D1383/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-F, LBAP-G, RL-VU, S7, WRL-TM[VU]	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Erinaceus europaeus</i> (Hedgehog / Draenog)	SJ331563	18/04/2019	Anon - PTES Volunteer		Live Sighting	Rackery Ln		D1688/004/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-F, LBAP-G, RL-VU, S7, WRL-TM[VU]	NA
<i>Erinaceus europaeus</i> (Hedgehog / Draenog)	SJ334556	04/09/2019	Anon - PTES Volunteer		Live Sighting	Ninth Ave		D1688/004/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-F, LBAP-G, RL-VU, S7, WRL-TM[VU]	NA
<i>Erinaceus europaeus</i> (Hedgehog / Draenog)	SJ3240556581	10/07/2021	Anon			Pendine way, the field opposite	Alive	D1688/007/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-F, LBAP-G, RL-VU, S7, WRL-TM[VU]	NA
<i>Erinaceus europaeus</i> (Hedgehog / Draenog)	SJ3355	10 records, between 10/06/2012 and 14/11/2012	Jeffrey, Sue			Llay	Brought into Wrexham HH rescue. Mammal Society (Mammal Atlas); 2 BABIES brought into Wrexham HH rescue. Mammal Society (Mammal Atlas); Brought i to Wrexham HH Rescue. Mammal Society (Mammal Atlas); Baby brought in to Wrexham HH rescue. Mammal Society (Mammal Atlas)	D1844/001/03	BAP, Bern3, LBAP-A, LBAP-C, LBAP-F, LBAP-G, RL-VU, S7, WRL-TM[VU]	NA
<i>Erynnis tages</i> (Dingy Skipper / Gwibiwr Llwyd)	SJ325566 (Estimated Centroid of Site); Supplied by Original Recorder (Centroid of Site))	2 records, between June 2013 and 21/05/2019	Richard Birch		Live Sighting	Llay Industrial Estate, Wrexham, LL12 0PG; North Wales Eastern Command and Custody Facility, Llay	Confirmed RB (Image)	D1873/003/01 , D1873/001/02	BAP, LBAP-C, LBAP-F, LBAP-G, RL-VU, S7	PC
<i>Erynnis tages</i> (Dingy Skipper / Gwibiwr Llwyd)	SJ325565 (Selected from Interactive Map)	2 records, between 14/05/2022 and 04/06/2023	Brian Comer	10+ Adult Male		Llay Custody	Males were duelling and basking	D1873/001/02	BAP, LBAP-C, LBAP-F, LBAP-G, RL-VU, S7	KC, PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Erynnis tages</i> <i>tages</i> (Dingy Skipper)	SJ325565	02/06/2022	Brian Comer	10 +		Llay Custody	Abundant on meadow area	D1873/001/02	BAP, S7	PC
<i>Eugnorisma glareosa</i> (Autumnal Rustic / Gwladwr yr Hydref)	SJ325553	01/09/1986	M.Newstead	1 Adult		Alyn waters Llay	Habitat: Quarry: disused. Method: MV Light	D1285/001/03	BAP, LBAP-G, S7	NA
<i>Eulithis mellinata</i> (Spinach / Brychan Cwrens)	SJ325553	29/06/1980	J.B. Formstone	1 Adult		Alyn waters Llay	Habitat: Quarry: disused. Method: Netted	D1285/001/03	BAP, LBAP-G, S7	NA
<i>Falco columbarius</i> (Merlin / Cudyll Bach)	SJ3155	27/01/2014	Duncan Halpin			Sydallt	BirdTrack	D1297/025/01	BDir1, Bern2, Bonn2, CITES-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-EN, UKBR, WBA, WCA1.1	PC
<i>Falco peregrinus</i> (Peregrine / Hebog Tramor)	SJ3255	06/12/2007	John Lawton Roberts	1	Reported to recorder	Llay, W	Hunting near Llay village. Survey: Observer data	D0062/008/01	BDir1, Bern2, Bonn2, CITES-A, LBAP-A, LBAP-C, LBAP-G, WCA1.1	NA
<i>Falco subbuteo</i> (Hobby / Hebog yr Ehedydd)	SJ3155 (Approximate)	3 records, between 16/05/2009 and 06/06/2020	Jason Newton; Mr Steven Davies	1	Reported to recorder	Sydallt, Gwersyllt, Alyn Waters CP, NW;Llay Pool	Hunting in field. Activity: H. Survey: Observer data	D0062/008/01 , D1297/039/01 , D1297/040/01	Bern2, Bonn2, CITES-A, LBAP-C, LBAP-G, WBA, WCA1.1	NA, PC
<i>Falco tinnunculus</i> (Kestrel / Cudyll Coch)	SJ3256	06/05/2016	Ian M Spence	1		Llay, NW	BirdTrack	D1297/025/01	Bern2, Bonn2, CITES-A, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBA, WBR	PC
<i>Falco tinnunculus</i> (Kestrel / Cudyll Coch)	SJ3255	3 records, between 02/04/2010 and 27/06/2019	Trevor G Payne; Kevin J Smith; Dr Anne Brenchley	1	Reported to recorder	Llay, W;SJ3255 Alyn Waters CP Llay side N	BirdTrack; Survey: Observer data	D1297/025/01 , D0062/008/01 , D1297/026/01	Bern2, Bonn2, CITES-A, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBA, WBR	PC, NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Falco tinnunculus</i> (Kestrel / Cudyll Coch)	SJ3155 (Approximate)	14 records, between 30/04/2010 and 01/04/2021	Neil Hughes; Duncan Halpin; Kevin J Smith; Mr Duncan Halpin; Mr James Andrewes; Mr Steven Davies; Mr Trevor Taylor	1	Reported to recorder	Sydallt;Llay Pool;Llay pools, Clwyd	BirdTrack; Llay Pool. Survey: Observer data	D1297/025/01 , D0062/008/01 , D1297/047/01 , D1297/039/01 , D1297/040/01	Bern2, Bonn2, CITES-A, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBA, WBR	PC, NA, UA
<i>Falco tinnunculus</i> (Kestrel / Cudyll Coch)	SJ3357	2009	Anon					D1779/001/02	Bern2, Bonn2, CITES-A, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBA, WBR	NA
<i>Falco tinnunculus</i> (Kestrel / Cudyll Coch)	SJ3355	2 records, between 24/02/2008 and 24/03/2008	Kevin J Smith	1; 2	Reported to recorder	Llay	Survey: Observer data	D0062/008/01	Bern2, Bonn2, CITES-A, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBA, WBR	NA
<i>Fringilla montifringilla</i> (Brambling / Pinc y Mynydd)	SJ3357	26/04/2009	Jason Newton	20+	Reported to recorder	Llay, far N	A flock passing overhead > NW. Survey: Observer data	D0062/008/01	LBAP-C, WCA1.1	NA
<i>Graphiphora augur</i> (Double Dart / Dart Deunod)	SJ325553	26/08/1970	M.H.Grice	1 Adult		Alyn waters Llay	Habitat: Quarry: disused. Method: MV Light Trap	D1285/001/03	BAP, S7	NA
<i>Graphiphora augur</i> (Double Dart / Dart Deunod)	SJ3355	26/08/1970	Mike Grice	1 adult	Field record	Llay		D0969/001/05	BAP, S7	PC
<i>Gymnadenia conopsea</i> (Common Fragrant-orchid / Tegeirian Pêr)	SJ324551	26/07/2011	Williams, Mr P.			Alyn Waters Country Park	SJ 327 552	D1169/004/04	LI-VP-48[LS], LI-VP-49[LS], LI-VP-50[LS], LI-VP-51, S7	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Gymnadenia densiflora</i> (Marsh Fragrant-orchid)	SJ3255	18/07/2012	Povey, S.M.			Alyn Waters Country Park	SJ32815514. 1st for vc. Probable correction of /addition to previously recorded G. conopsea s.l. at this site	D1169/004/04	LI-VP-49[LR], LI-VP-50[LR], LI-VP-51[LR], LI-VP-52[LS], RL-DD, S7, WRL-VP[DD]	NA
<i>Hyacinthoides non-scripta</i> (Bluebell / Clychau'r Gog)	SJ319553	16/04/2017	Anon				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	LBAP-A, LBAP-C, LBAP-E, LBAP-F, LBAP-T, WCA8	NA
<i>Hyacinthoides non-scripta</i> (Bluebell / Clychau'r Gog)	SJ326552	30/04/2017	Anon				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	LBAP-A, LBAP-C, LBAP-E, LBAP-F, LBAP-T, WCA8	NA
<i>Hyacinthoides non-scripta</i> (Bluebell / Clychau'r Gog)	SJ328554	19/04/2017	Anon				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	LBAP-A, LBAP-C, LBAP-E, LBAP-F, LBAP-T, WCA8	NA
<i>Hyacinthoides non-scripta</i> (Bluebell / Clychau'r Gog)	SJ3356	19/04/2022	Jonathan D Shanklin			Llay Industrial Estate East		D1169/004/04	LBAP-A, LBAP-C, LBAP-E, LBAP-F, LBAP-T, WCA8	NA
<i>Hyacinthoides non-scripta</i> (Bluebell / Clychau'r Gog)	SJ322554	15/07/2015	Denbs Group (Williams, D.)			Alyn Waters Country Park	Llay Bog	D1169/004/04	LBAP-A, LBAP-C, LBAP-E, LBAP-F, LBAP-T, WCA8	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Hyacinthoides non-scripta</i> (Bluebell / Clychau'r Gog)	SJ3155	18/05/2014	Stead, M.O.			Sydallt		D1169/004/04	LBAP-A, LBAP-C, LBAP-E, LBAP-F, LBAP-T, WCA8	NA
<i>Hyacinthoides non-scripta</i> (Bluebell / Clychau'r Gog)	SJ3156	18/05/2014	Stead, M.O.			Cefn-y-bedd		D1169/004/04	LBAP-A, LBAP-C, LBAP-E, LBAP-F, LBAP-T, WCA8	NA
<i>Hyacinthoides non-scripta</i> (Bluebell / Clychau'r Gog)	SJ3257	19/04/2022	Jonathan D Shanklin	Flowering		Gwern Estyn		D1587/044/01	LBAP-A, LBAP-C, LBAP-E, LBAP-F, LBAP-T, WCA8	PC
<i>Hydraecia micacea</i> (Rosy Rustic / Gwladwr Gwridog)	SJ325553	2 records, between 01/10/1986 and 21/09/1990	J.B. Formstone; M.H.Grice	1 Adult		Alyn waters Llay	Habitat: Quarry: disused. Method: MV Light	D1285/001/03	BAP, LBAP-G, S7	NA
<i>Hypopitys monotropa</i> (Yellow Bird's-nest / Cytwf)	SJ324551	4 records, between 1998 and 26/07/2011	Anon; Anon.; Williams, Mr P.	Present		Alyn Waters;Alyn Waters Country Park	SJ 327 552	D0216/001/03 , D1169/004/04 , D1308/002/01	BAP, LBAP-G, LI-VP-48[LR], LI-VP-49[LR], LI-VP-50[LS], LI-VP-51[LR], LI-VP-52, RL-EN, S7	PC, NA
<i>Hypopitys monotropa</i> (Yellow Bird's-nest / Cytwf)	SJ325551	26/07/2019	Instone, T.			Alyn Waters Country Park	5 - 10 plants	D1169/004/04	BAP, LBAP-G, LI-VP-48[LR], LI-VP-49[LR], LI-VP-50[LS], LI-VP-51[LR], LI-VP-52, RL-EN, S7	NA
<i>Larus argentatus</i> (Herring Gull / Gwylan y Penwaig)	SJ3255	2 records, between 16/05/2009 and 27/06/2019	Jason Newton; Dr Anne Brenchley	15	Reported to recorder	Llay, W;SJ3255 Alyn Waters CP Llay side N	Survey: Observer data	D0062/008/01 , D1297/026/01	BAP, BDir2.2, LBAP-C, LBAP-G, RL-DD, RL-EN, S7, UKBR, WBR	NA, PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Larus argentatus</i> (Herring Gull / Gwylan y Penwaig)	SJ3356	24/03/2018	Trevor B Taylor			Llay, N		D1297/025/01	BAP, BDir2.2, LBAP-C, LBAP-G, RL-DD, RL-EN, S7, UKBR, WBR	PC
<i>Larus argentatus</i> (Herring Gull / Gwylan y Penwaig)	SJ3155 (Approximate)	23 records, between 11/02/2014 and 21/06/2022	Duncan Halpin; Steven Davies; Mr Duncan Halpin; Mr Steven Davies; Mr Trevor Taylor; Mr James Hughes	1; 7+; 2; 3+; 3; c5		Sydallt; Llay Pool; Llay pools, Clwyd	BirdTrack; Bird Track	D1297/025/01 , D1297/047/01 , D1297/049/01 , D1297/050/01 , D1297/039/01 , D1297/040/01	BAP, BDir2.2, LBAP-C, LBAP-G, RL-DD, RL-EN, S7, UKBR, WBR	PC, UA
<i>Larus argentatus</i> (Herring Gull / Gwylan y Penwaig)	SJ325566 (Supplied by Original Recorder (Centroid of Site))	18/05/2019	Richard Birch		Live Sighting	North Wales Eastern Command and Custody Facility, Llay		D1873/001/02	BAP, BDir2.2, LBAP-C, LBAP-G, RL-DD, RL-EN, S7, UKBR, WBR	PC
<i>Lasiommata megea</i> (Wall / Gweirlöyn y Cloddiau)	SJ325562	26/08/2005	Bryan Formstone	1 Adult		Llay Ind. Estate		D1373/001/05	BAP, LBAP-G, RL-NT, S7	NA
<i>Leucania comma</i> (Shoulder-striped Wainscot / Gwensgod Gwar Rhesog)	SJ325553	13/06/2009	John Smith	1 Adult		Alyn waters Llay	Habitat: Quarry: disused. Method: Skinner Trap (125W MV)	D1285/001/03	BAP, LBAP-G, S7	NA
<i>Limosa limosa</i> (Black-tailed Godwit / Rhostog Gynffonddu)	SJ3155 (Approximate)	2 records, between 18/04/2014 and 29/04/2021	Mr Kevin Smith; Duncan Halpin	1		Llay Pool; Sydallt	BirdTrack	D1297/047/01 , D1297/025/01	BAP, BDir2.2, Bonn2, LBAP-C, LBAP-G, RL-EN, UKBR, WBA, WCA1.1	UA, PC
<i>Linaria cannabina</i> (Linnet / Llinos)	SJ3255	27/06/2019	Dr Anne Branchley			SJ3255 Alyn Waters CP Llay side N	Breeding status: FL	D1297/026/01	BAP, Bern2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-NT, S7, UKBR, WBR	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Lissotriton</i>	SJ3221356072 (Selected from Interactive Map)	6 records, between 13/05/2015 and 13/05/2021	Rhian Hughes; Tim Yardley; Sophie Johnson; Rebecca Lloyd; Peter Kneen; Rhian Hughes; Rhian Hughes	2 Adult (Sex Unknown); 5 Age & Sex Unknown; 1 Female; 1 Male; 2 Female; 4 Adult Female; 3 Adult Female	Torch Count	Llay - Colliery: Pond 09		D1320/014/01	Bern3, WCA5	NA
<i>Lissotriton</i>	SJ32205604 (Selected from Interactive Map)	7 records, between 11/05/2015 and 21/04/2021	Peter Kneen; Keymar Wake; Sophie Johnson; Rebecca Lloyd; Rhian Hughes; Tim Yardley	2 Adult Female; 1 Female; 4 Female; 3 Female; 2 Adult (Sex Unknown)	Torch Count/Bottle trap	Llay - Colliery: Pond 11		D1320/014/01	Bern3, WCA5	NA
<i>Lissotriton</i>	SJ32195611 (Selected from Interactive Map)	12 records, between 11/05/2015 and 13/05/2019	Peter Kneen; Keymar Wake; Sophie Johnson; Rebecca Lloyd; Rhian Hughes; Peter Kneen; Peter Kneen; Rhian Hughes; Matt Moss; Tim Yardley; Rhian Hughes	3 Adult Female; 1 Age & Sex Unknown; 7 Age & Sex Unknown; 1 Adult Male; 1 Adult Female; 1 Male; 2 Female; 1 Female; 2 Male; 3 Female; 5 Female; 3 Female; 6 Female	Torch Count/Bottle trap	Llay - Colliery: Pond 04		D1320/014/01	Bern3, WCA5	NA
<i>Lissotriton</i>	SJ3216856011 (Selected from Interactive Map)	17 records, between 11/05/2015 and 14/06/2022	Peter Kneen; Keymar Wake; Sophie Johnson; Rebecca Lloyd; Peter Kneen; Rhian Hughes; Rhian Hughes; Lucy Boyett; Tim Yardley; Sophie Johnson; Mandy Cartwright	4 Adult Female; 6 Age & Sex Unknown; 1 Female; 1 Male; 13 Female; 19 Female; 4 Female; 1 Age & Sex Unknown; 2 Adult (Sex Unknown); 2 Female; 4 Female; 3 Female; 1 Male; 8 Female; 5 Adult Female; 1 ...	Torch Count/Netted	Llay - Colliery: Pond 10		D1320/014/01	Bern3, WCA5	NA, PC
<i>Lissotriton</i>	SJ3222556108 (Selected from Interactive Map)	7 records, between 11/05/2015 and 13/05/2019	Peter Kneen; Keymar Wake; Sophie Johnson; Rebecca Lloyd; Peter Kneen; Rhian Hughes; Rhian Hughes	3 Adult Male; 12 Adult Female; 2 Adult Male; 12 Age & Sex Unknown; 1 Adult Female; 5 Female; 10 Female; 1 Female; 1 Age & Sex Unknown	Torch Count/Bottle trap	Llay - Colliery: Pond 13		D1320/014/01	Bern3, WCA5	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Lissotriton</i>	SJ3224455999 (Selected from Interactive Map)	16 records, between 11/05/2015 and 28/04/2023	Peter Kneen; Rhian Hughes; Sophie Johnson; Mandy Cartwright; Rhian Hughes; Matt Moss; Tim Yardley	1 Adult Female; 2 Adult Female; 5 Female; 1 Female; 6 Female; 1 Age & Sex Unknown; 13 Female; 1 Age & Sex Unknown; 2 Female; 9 Female; 1 Adult (Sex Unknown); 1 Female; 2 Adult (Sex Unknown); 5 Adul...	Torch Count/Bottle trap	Llay - Colliery: Pond 03		D1320/014/01	Bern3, WCA5	NA, PC
<i>Lissotriton</i>	SJ32305624 (Selected from Interactive Map)	11 records, between 11/05/2015 and 28/04/2023	Peter Kneen; Rhian Hughes; Sophie Johnson; Mandy Cartwright; Lucy Boyett; Rhian Hughes	1 Adult Male; 1 Adult Female; 1 Adult (Sex Unknown); 8 Adult Female; 5 Female; 12 Female; 1 Female; 3 Adult (Sex Unknown); 1 Female; 4 Adult (Sex Unknown); 7 Female; 4 Adult Female; 1 Adult (Sex Un...	Torch Count/Bottle trap	Llay - Colliery: Pond 01		D1320/014/01	Bern3, WCA5	NA, PC
<i>Lissotriton</i>	SJ32205602 (Selected from Interactive Map)	11 records, between 11/05/2015 and 28/04/2023	Sophie Johnson; Mandy Cartwright; Tim Yardley; Rhian Hughes	5 Adult Female; 1 Adult (Sex Unknown); 1 Female; 1 Adult Female; 7 Female; 2 Female; 20 Adult (Sex Unknown); 2 Female; 1 Adult (Sex Unknown); 7 Female; 2 Adult (Sex Unknown); 3 Adult Female; 2 Adul...	Torch Count	Llay - Colliery: Pond 12	Were located in the middle of the pond, too distant to identify the sex	D1320/014/01	Bern3, WCA5	PC, NA
<i>Lissotriton</i>	SJ3268456807 (Supplied by Original Recorder)	3 records, between 30/03/2015 and 18/05/2015	Anon	4 Adult (Sex Unknown); 3; 1 Adult (Sex Unknown)	Torch Count	Llay Industrial Estate - General: P02	Survey carried out by Capita; Anon = Capita	D1320/014/01	Bern3, WCA5	PC
<i>Lissotriton</i>	SJ32215609 (Selected from Interactive Map)	6 records, between 11/05/2015 and 03/06/2015	Rhian Hughes	1 Female; 2 Female; 9 Female; 3 Female	Torch Count/Bottle trap	Llay - Colliery: Pond 08		D1320/014/01	Bern3, WCA5	NA
<i>Lissotriton</i>	SJ32205609 (Selected from Interactive Map)	4 records, between 13/05/2015 and 01/05/2018	Tim Yardley; Rhian Hughes	1 Female; 5 Female; 9 Female; 2 Female	Torch Count	Llay - Colliery: Pond 07		D1320/014/01	Bern3, WCA5	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Lissotriton</i>	SJ322561 (Approximate)	5 records, between 11/05/2015 and 28/05/2015	Rhian Hughes	26 Female; 22 Female; 4 Female; 1 Female; 5 Female	Torch Count/Bottle trap	Llay - Colliery: Pond 05		D1320/014/01	Bern3, WCA5	NA
<i>Lissotriton helveticus</i> (Palmate Newt / Madfall Ddwr Balfog)	SJ32305624 (Selected from Interactive Map)	5 records, between 29/03/2007 and 28/04/2023	Anon - Jacobs; Sophie Johnson; Mandy Cartwright; Tim Yardley	1 Adult Female; 2 Adult Female; 3 Adult Female; 14 Adult Male; 1 Male	Torch Count/Bottle trap	Llay - Colliery: Pond 01		D1320/014/01	Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-T, WCA5	NA, PC
<i>Lissotriton helveticus</i> (Palmate Newt / Madfall Ddwr Balfog)	SJ32205602 (Selected from Interactive Map)	3 records, between 28/05/2015 and 15/04/2019	Rhian Hughes; Tim Yardley; Sophie Johnson; Rebecca Lloyd; Tim Yardley; Rhian Hughes	1 Adult Female; 2 Female; 1 Age & Sex Unknown	Torch Count/Bottle trap	Llay - Colliery: Pond 12		D1320/014/01	Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-T, WCA5	NA
<i>Lissotriton helveticus</i> (Palmate Newt / Madfall Ddwr Balfog)	SJ3221356072 (Selected from Interactive Map)	2 records, between 17/04/2018 and 29/04/2019	Peter Kneen; Keymar Wake; Sophie Johnson; Rebecca Lloyd; Tim Yardley	1 Adult Female; 1 Female	Bottle trap	Llay - Colliery: Pond 09		D1320/014/01	Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-T, WCA5	NA
<i>Lissotriton helveticus</i> (Palmate Newt / Madfall Ddwr Balfog)	SJ3216856011 (Selected from Interactive Map)	4 records, between 17/04/2018 and 28/04/2023	Sophie Johnson; Mandy Cartwright; Lucy Boyett; Tim Yardley	2 Adult Female; 3 Adult Male; 3 Male; 1 Female; 2 Male; 1 Male	Torch Count	Llay - Colliery: Pond 10		D1320/014/01	Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-T, WCA5	PC, NA
<i>Lissotriton helveticus</i> (Palmate Newt / Madfall Ddwr Balfog)	SJ32195611 (Selected from Interactive Map)	2 records, between 28/05/2015 and 28/04/2023	Sophie Johnson; Mandy Cartwright; Rhian Hughes	1 Adult Male; 1 Female	Torch Count/Bottle trap	Llay - Colliery: Pond 04		D1320/014/01	Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-T, WCA5	PC, NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Lissotriton helveticus</i> (Palmate Newt / Madfall Ddwr Balfog)	SJ3224455999 (Selected from Interactive Map)	5 records, between 17/04/2018 and 28/04/2023	Sophie Johnson; Mandy Cartwright; Lucy Boyett; Tim Yardley	4 Adult Female; 12 Adult Male; 3 Male; 1 Female; 1 Age & Sex Unknown; 2 Male; 1 Female; 22 Adult Female; 6 Adult Male	Torch Count/Bottle trap	Llay - Colliery: Pond 03		D1320/014/01	Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-T, WCA5	PC, NA
<i>Lissotriton helveticus</i> (Palmate Newt / Madfall Ddwr Balfog)	SJ32205604 (Selected from Interactive Map)	17/04/2018	Tim Yardley	1 Male	Bottle trap	Llay - Colliery: Pond 11		D1320/014/01	Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-T, WCA5	NA
<i>Lissotriton helveticus</i> (Palmate Newt / Madfall Ddwr Balfog)	SJ325565	18/05/2022	Brian Comer			Llay Custody Pond 2	Believed to be the most populous of resident Newts on site	D1873/001/02	Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-T, WCA5	PC
<i>Lissotriton helveticus</i> (Palmate Newt / Madfall Ddwr Balfog)	SJ32185606 (Selected from Interactive Map)	10/05/2007	Anon - Jacobs	1 Adult Female	Bottle trap	Llay - Colliery: Pond 02		D1320/014/01	Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-T, WCA5	NA
<i>Lissotriton helveticus</i> (Palmate Newt / Madfall Ddwr Balfog)	SJ32535660	22/06/2021	R. Birch			Llay	Updated species list for Llay Police headquarters with revised newt data	D1873/001/02	Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-T, WCA5	PC
<i>Lissotriton vulgaris</i> (Smooth Newt / Madfall Ddwr Gyffredin)	SJ3254756593 (Supplied by Original Recorder)	2 records, between 18/05/2019 and 23/04/2020	Richard Birch	8 Adult Male; 8 Adult Female; 6 Adult Male; 5 Adult Female; 11 Juvenile (Sex Unknown)	Torch Count; Not Applicable	Llay - Custodial Facility: P01		D1320/014/01	Bern3, LBAP-C, LBAP-D, LBAP-F, LBAP-T, WCA5	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Lissotriton vulgaris</i> (Smooth Newt / Madfall Ddwr Gyffredin)	SJ323554 (Estimated Centroid of Site))	~ 2005	BASC Recorder (15534803-1)				Shoot Size Range: 0-3km	D0132/001/02	Bern3, LBAP-C, LBAP-D, LBAP-F, LBAP-T, WCA5	PC
<i>Lissotriton vulgaris</i> (Smooth Newt / Madfall Ddwr Gyffredin)	SJ3286856880 (Supplied by Original Recorder)	8 records, between 03/05/2016 and 15/05/2017	Peter Tattersfield; Paul Fisher; Peter Tattersfield; Kate Reed; Peter Tattersfield; Paul Fisher	1 Male; 1 Female; 2 Female; 3 Male; 4 Female; 1 Female	Torch Count/Bottle trap	Llay - Rackery Lane: Pond 1		D1320/014/01	Bern3, LBAP-C, LBAP-D, LBAP-F, LBAP-T, WCA5	NA
<i>Lissotriton vulgaris</i> (Smooth Newt / Madfall Ddwr Gyffredin)	SJ3240657058 (Supplied by Original Recorder)	11 records, between 03/05/2016 and 06/06/2017	Peter Tattersfield; Paul Fisher; Peter Tattersfield; Kate Reed; Peter Tattersfield; Paul Fisher; Rosie Fisher; Kate Reed; Rosie Fisher; Paul Fisher	1 Male; 8 Female; 1 Male; 2 Female; 1 Male; 1 Female; 2 Male; 2 Female	Torch Count/Bottle trap	Llay - Rackery Lane: Pond 4	Five females gravid	D1320/014/01	Bern3, LBAP-C, LBAP-D, LBAP-F, LBAP-T, WCA5	NA
<i>Lissotriton vulgaris</i> (Smooth Newt / Madfall Ddwr Gyffredin)	SJ32305624 (Selected from Interactive Map)	22 records, between 15/03/2007 and 28/04/2023	Paul Benyon; Anon - Jacobs; Sophie Johnson; Mandy Cartwright; Tim Yardley; Rhian Hughes	1 Male; 1 Female; 3 Male; 2 Female; 32 Adult (Sex Unknown); 1 Adult (Sex Unknown); 10 Adult (Sex Unknown); 10 Age & Sex Unknown; 4 Adult Male; 1 Adult Female; 37 Age & Sex Unknown; 15 Adult Male; 1...	Torch Count/Bottle trap	Llay - Colliery: Pond 01		D1320/014/01	Bern3, LBAP-C, LBAP-D, LBAP-F, LBAP-T, WCA5	NA, PC
<i>Lissotriton vulgaris</i> (Smooth Newt / Madfall Ddwr Gyffredin)	SJ32185606 (Selected from Interactive Map)	6 records, between 15/03/2007 and 15/05/2018	Paul Benyon; Anon - Jacobs; Lucy Boyett	2 Male; 3 Female; 2 Male; 1 Adult (Sex Unknown); 1 Juvenile (Sex Unknown); 2 Age & Sex Unknown	Torch Count/Bottle trap	Llay - Colliery: Pond 02		D1320/014/01	Bern3, LBAP-C, LBAP-D, LBAP-F, LBAP-T, WCA5	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Lissotriton vulgaris</i> (Smooth Newt / Madfall Ddwr Gyffredin)	SJ3224455999 (Selected from Interactive Map)	20 records, between 28/03/2011 and 28/04/2023	Paul Benyon; Peter Kneen; Keymar Wake; Sophie Johnson; Rebecca Lloyd; Sophie Johnson; Mandy Cartwright; Rhian Hughes; Tim Yardley	2 Male; 5 Female; 1 Female; 1 Male; 6 Female; 3 Male; 1 Male; 1 Female; 1 Male; 3 Female; 2 Adult Female; 7 Adult Female; 12 Adult Male; 1 Male; 4 Female; 2 Male; 5 Male; 1 Male; 2 Female; 3 Adult ...	Torch Count/Bottle trap	Llay - Colliery: Pond 03		D1320/014/01	Bern3, LBAP-C, LBAP-D, LBAP-F, LBAP-T, WCA5	NA, PC
<i>Lissotriton vulgaris</i> (Smooth Newt / Madfall Ddwr Gyffredin)	SJ32195611 (Selected from Interactive Map)	19 records, between 17/04/2007 and 13/05/2019	Paul Benyon; Anon - Jacobs; Rhian Hughes; Tim Yardley; Sophie Johnson; Rebecca Lloyd; Peter Kneen; Keymar Wake; Sophie Johnson; Rebecca Lloyd; Rhian Hughes; Peter Kneen; Rhian Hughes; Tim Yardley	6 Male; 5 Female; 1 Male; 2 Female; 2 Male; 1 Adult Male; 2 Age & Sex Unknown; 2 Adult (Sex Unknown); 2 Adult Male; 1 Female; 3 Male; 2 Female; 3 Male; 2 Male; 2 Female; 1 Male; 1 Female; 2 Female; 5	Torch Count/Bottle trap	Llay - Colliery: Pond 04		D1320/014/01	Bern3, LBAP-C, LBAP-D, LBAP-F, LBAP-T, WCA5	NA
<i>Lissotriton vulgaris</i> (Smooth Newt / Madfall Ddwr Gyffredin)	SJ32325594 (Selected from Interactive Map)	7 records, between 28/03/2011 and 29/04/2019	Paul Benyon; Peter Kneen; Keymar Wake; Sophie Johnson; Rebecca Lloyd; Lucy Boyett	1 Male; 1 Female; 3 Male; 4 Male; 3 Female; 3 Adult Female	Torch Count/Bottle trap; Netted	Llay - Colliery: Pond 06		D1320/014/01	Bern3, LBAP-C, LBAP-D, LBAP-F, LBAP-T, WCA5	NA
<i>Lissotriton vulgaris</i> (Smooth Newt / Madfall Ddwr Gyffredin)	SJ32205609 (Selected from Interactive Map)	10 records, between 28/03/2011 and 13/05/2021	Paul Benyon; Lucy Boyett; Tim Yardley; Rhian Hughes	2 Male; 1 Male; 1 Female; 2 Male; 3 Female; 1 Male; 3 Male; 2 Male; 1 Female	Torch Count/Bottle trap	Llay - Colliery: Pond 07		D1320/014/01	Bern3, LBAP-C, LBAP-D, LBAP-F, LBAP-T, WCA5	NA
<i>Lissotriton vulgaris</i> (Smooth Newt / Madfall Ddwr Gyffredin)	SJ3216856011 (Selected from Interactive Map)	16 records, between 28/03/2011 and 14/06/2022	Paul Benyon; Peter Kneen; Keymar Wake; Sophie Johnson; Rebecca Lloyd; Peter Kneen; Rhian Hughes; Rhian Hughes; Lucy Boyett; Tim Yardley; Sophie Johnson; Mandy Cartwright	1 Male; 2 Female; 1 Adult Male; 3 Adult Male; 2 Male; 4 Male; 14 Male; 4 Female; 3 Adult Female; 3 Adult Male; 1 Male; 1 Female; 2 Adult Male	Torch Count/Netted	Llay - Colliery: Pond 10		D1320/014/01	Bern3, LBAP-C, LBAP-D, LBAP-F, LBAP-T, WCA5	NA, PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Lissotriton vulgaris</i> (Smooth Newt / Madfall Ddwr Gyffredin)	SJ3221356072 (Selected from Interactive Map)	7 records, between 13/05/2015 and 13/05/2021	Rhian Hughes; Tim Yardley; Sophie Johnson; Rebecca Lloyd; Peter Kneen; Rhian Hughes; Tim Yardley; Rhian Hughes	2 Adult Male; 3 Adult Female; 2 Male; 1 Female; 12 Male; 1 Adult (Sex Unknown); 4 Male	Torch Count/Bottle trap	Llay - Colliery: Pond 09		D1320/014/01	Bern3, LBAP-C, LBAP-D, LBAP-F, LBAP-T, WCA5	NA
<i>Lissotriton vulgaris</i> (Smooth Newt / Madfall Ddwr Gyffredin)	SJ32205604 (Selected from Interactive Map)	12 records, between 11/05/2015 and 13/05/2019	Peter Kneen; Keymar Wake; Sophie Johnson; Rebecca Lloyd; Peter Kneen; Rhian Hughes; Rhian Hughes; Tim Yardley	6 Adult Male; 1 Adult Male; 3 Male; 3 Female; 1 Male; 2 Male; 2 Female; 6 Male; 1 Male; 1 Female; 1 Female	Torch Count/Bottle trap	Llay - Colliery: Pond 11		D1320/014/01	Bern3, LBAP-C, LBAP-D, LBAP-F, LBAP-T, WCA5	NA
<i>Lissotriton vulgaris</i> (Smooth Newt / Madfall Ddwr Gyffredin)	SJ3222556108 (Selected from Interactive Map)	5 records, between 13/05/2015 and 28/04/2023	Peter Kneen; Keymar Wake; Sophie Johnson; Rebecca Lloyd; Sophie Johnson; Mandy Cartwright; Rhian Hughes	1 Adult Female; 1 Adult Male; 2 Male; 3 Male; 1 Male	Torch Count/Bottle trap	Llay - Colliery: Pond 13		D1320/014/01	Bern3, LBAP-C, LBAP-D, LBAP-F, LBAP-T, WCA5	NA, PC
<i>Lissotriton vulgaris</i> (Smooth Newt / Madfall Ddwr Gyffredin)	SJ3251956644 (Supplied by Original Recorder)	2 records, between 18/05/2019 and 23/04/2020	Richard Birch	3 Adult Female; 4 Male; 9 Female	Not Applicable; Torch Count	Llay - Custodial Facility: P02		D1320/014/01	Bern3, LBAP-C, LBAP-D, LBAP-F, LBAP-T, WCA5	NA
<i>Lissotriton vulgaris</i> (Smooth Newt / Madfall Ddwr Gyffredin)	SJ325565	2 records, between 03/06/2023 and 04/06/2023	Brian Comer	1 Adult; 1		Pond 1 Llay Custody; llay custody	enjoying the sunshine; came up for air	D1873/001/02	Bern3, LBAP-C, LBAP-D, LBAP-F, LBAP-T, WCA5	PC
<i>Lissotriton vulgaris</i> (Smooth Newt / Madfall Ddwr Gyffredin)	SJ322561 (Approximate)	8 records, between 11/05/2015 and 28/04/2023	Sophie Johnson; Mandy Cartwright; Rhian Hughes	2 Adult Male; 4 Male; 10 Male; 5 Female; 16 Male; 5 Male; 2 Male; 3 Male; 2 Female; 6 Male	Torch Count/Bottle trap	Llay - Colliery: Pond 05		D1320/014/01	Bern3, LBAP-C, LBAP-D, LBAP-F, LBAP-T, WCA5	PC, NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Lissotriton vulgaris</i> (Smooth Newt / Madfall Ddwr Gyffredin)	SJ32205602 (Selected from Interactive Map)	16 records, between 11/05/2015 and 28/04/2023	Sophie Johnson; Mandy Cartwright; Rhian Hughes; Tim Yardley	1 Adult Female; 4 Adult Male; 1 Male; 1 Female; 2 Male; 4 Male; 2 Female; 2 Adult Male; 11 Male; 5 Male; 1 Female; 6 Male; 1 Female; 3 Male; 1 Adult Male	Torch Count/Bottle trap	Llay - Colliery: Pond 12		D1320/014/01	Bern3, LBAP-C, LBAP-D, LBAP-F, LBAP-T, WCA5	PC, NA
<i>Lissotriton vulgaris</i> (Smooth Newt / Madfall Ddwr Gyffredin)	SJ3265456708 (Supplied by Original Recorder)	4 records, between 18/03/2015 and 18/05/2015	Anon	3 Adult (Sex Unknown); 6 Adult (Sex Unknown); 2 Adult Female; 3 Adult Female; 2 Adult Male	Torch Count/Bottle trap	Llay Industrial Estate - General: P01	Survey carried out by Capita; Anon = Capita; Anon=Capita	D1320/014/01	Bern3, LBAP-C, LBAP-D, LBAP-F, LBAP-T, WCA5	PC
<i>Lissotriton vulgaris</i> (Smooth Newt / Madfall Ddwr Gyffredin)	SJ3268456807 (Supplied by Original Recorder)	3 records, between 18/03/2015 and 13/04/2015	Anon	10 Adult (Sex Unknown); 2 Adult Male; 3 Adult Male	Torch Count/Bottle trap	Llay Industrial Estate - General: P02	Survey undertaken by Capita; Survey carried out by Capita; Anon = Capita	D1320/014/01	Bern3, LBAP-C, LBAP-D, LBAP-F, LBAP-T, WCA5	PC
<i>Lissotriton vulgaris</i> (Smooth Newt / Madfall Ddwr Gyffredin)	SJ32215609 (Selected from Interactive Map)	6 records, between 11/05/2015 and 13/05/2021	Rhian Hughes	1 Male; 1 Female; 4 Male; 2 Male; 2 Adult Male	Torch Count/Bottle trap	Llay - Colliery: Pond 08		D1320/014/01	Bern3, LBAP-C, LBAP-D, LBAP-F, LBAP-T, WCA5	NA
<i>Litoligia literosa</i> (Rosy Minor / Corrach Gwridog)	SJ325553	01/09/1986	M.Newstead	1 Adult		Alyn waters Llay	Habitat: Quarry: disused. Method: MV Light	D1285/001/03	BAP, LBAP-G, S7	NA
<i>Lutra lutra</i> (Otter / Dyfrgi)	SJ3156	2 records, between 13/07/1991 and 17/07/2002	JW; EA			-Withheld-	-Withheld-	D0045/001/02	BAP, Bern2, CHS2, CITES-A, HDIr2, HDIr4, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-G, LBAP-T, LBAP-W, S7, WCA5, WRL-TM[VU]	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Meles meles</i> (Badger / Mochyn Daeear)	SJ3257 (Supplied by Original Recorder (Approximate))	12/04/2014	Faye Durkin	1 Adult		-Withheld-	-Withheld-	D0059/006/01	Bern3, LBAP-C, LBAP-D, LBAP-F, LBAP-W, PBA	NA
<i>Meles meles</i> (Badger / Mochyn Daeear)	SJ3356	26/04/2018	Dan Rose	1	Dead on road	-Withheld-	-Withheld-	D0059/009/01	Bern3, LBAP-C, LBAP-D, LBAP-F, LBAP-W, PBA	NA
<i>Meles meles</i> (Badger / Mochyn Daeear)	SJ3356	03/09/2018	Dan Rose	1	Dead on road	-Withheld-	-Withheld-	D0059/009/01	Bern3, LBAP-C, LBAP-D, LBAP-F, LBAP-W, PBA	NA
<i>Meles meles</i> (Badger / Mochyn Daeear)	SJ3255	15/02/2017	Eric Fletcher	1 dead adult		-Withheld-	-Withheld-	D0969/001/05	Bern3, LBAP-C, LBAP-D, LBAP-F, LBAP-W, PBA	PC
<i>Meles meles</i> (Badger / Mochyn Daeear)	SJ3155	07/11/2019	Eric Fletcher	1 Adult		-Withheld-	-Withheld-	D0969/001/05	Bern3, LBAP-C, LBAP-D, LBAP-F, LBAP-W, PBA	KC
<i>Myotis</i> (Myotis Bat species)	SJ3255	2 records, between 05/08/2008 and 02/09/2008	Michael Sharp	1		-Withheld-	-Withheld-	D1117/001/01	Bern2, Bonn2, CHS2, HDir4, WCA5	PC
<i>Natrix helvetica</i> (Grass Snake / Neidr y Gwair)	SJ323552	2010	Richard Ewing	1 Adult	Live Sighting	Alyn Waters Country Park	"As I got to about 4 yds away it very quickly slithered off..... about 3 ft in length."	D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-G, LBAP-T, S7, WCA5	PC
<i>Natrix helvetica</i> (Grass Snake / Neidr y Gwair)	SJ3276856733 (Selected from Interactive Map)	08/07/2015	Phil Pearce	1 Adult		Rackery lane	Basking in sun on bit of tarmac in waste pile	D1480/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-G, LBAP-T, S7, WCA5	KC
<i>Natrix helvetica</i> (Grass Snake / Neidr y Gwair)	SJ325566	3 records, between 26/07/2019 and 06/08/2019	B.Comer; L.Bryan; Brian Comer; Richard Birch		Live Sighting	North Wales Eastern Command and Custody Facility, Llay	List for August 2019; 2	D1873/001/02	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-G, LBAP-T, S7, WCA5	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Natrix helvetica</i> (Grass Snake / Neidr y Gwair)	SJ32535666 (Selected from Interactive Map)	Spring 2016	Phil Pearce	1 Adult		Police HQ	Spotted whilst clearing GCN from site for construction work to commence, but unable to capture it.	D1480/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-G, LBAP-T, S7, WCA5	KC
<i>Natrix helvetica</i> (Grass Snake / Neidr y Gwair)	SJ3235856629 (Selected from Interactive Map)	07/06/2017	Phil Pearce	1 Adult		Police HQ	Spotted whilst undertaking GCN fence check on development site. Tiles put out to attempt capture over coming days but no luck.	D1480/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-G, LBAP-T, S7, WCA5	KC
<i>Natrix helvetica</i> (Grass Snake / Neidr y Gwair)	SJ3276856720 (Selected from Interactive Map)	Summer 2016	Phil Pearce	1 Adult		Prospect Estate	Basking on piece of discarded farmac. Never seen again despite repeat visits.	D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-G, LBAP-T, S7, WCA5	KC
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ325566 (Supplied by Original Recorder (Centroid of Site))	18/05/2019	Richard Birch	1	Live Sighting	North Wales Eastern Command and Custody Facility, Llay	Flyover	D1873/001/02	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-G, RL-EN, S7, UKBR, WBR	PC
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ3155	2 records, between 13/04/2013 and 08/04/2018	Steven Davies; Kevin J Smith	4; 1		Sydallt	BirdTrack. Activity: F	D1297/025/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-G, RL-EN, S7, UKBR, WBR	PC
<i>Nyctalus noctula</i> (Noctule / Ystlum Mawr)	SJ3255 (Estimated (Centroid of Site))	~ 2005	BASC Recorder (15534803-1)			-Withheld-	-Withheld-	D0132/001/02	BAP, Bern2, Bonn2, CHS2, HDir4, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-G, S7, WCA5	PC
<i>Passer domesticus</i> (House Sparrow / Aderyn y To)	SJ3357	26/04/2009	Jason Newton	2 Male	Reported to recorder	Llay, far N	Activity: H. Survey: Observer data	D0062/008/01	BAP, LBAP-C, LBAP-F, LBAP-G, S7, UKBR, WBA	NA
<i>Passer domesticus</i> (House Sparrow / Aderyn y To)	SJ3155	5 records, between 24/01/2009 and 21/03/2014	Steven Davies; Duncan Halpin; Anon	1		Sydallt	BirdTrack; Occurrence ID: NBN-GA000656-BGBW2009-16443535-106602076	D1297/025/01 , D1852/002/01	BAP, LBAP-C, LBAP-F, LBAP-G, S7, UKBR, WBA	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Passer domesticus</i> (House Sparrow / Aderyn y To)	SJ3355	2 records, between 26/01/2008 and 25/01/2009	Anon			Wrexham Denbighshire	Occurrence ID: NBN-GA000567-BGBW2008-22135490-139489562; Occurrence ID: NBN-GA000656-BGBW2009-16444960-106608892	D1852/001/01 , D1852/002/01	BAP, LBAP-C, LBAP-F, LBAP-G, S7, UKBR, WBA	PC
<i>Passer domesticus</i> (House Sparrow / Aderyn y To)	SJ3257	2 records, between 26/01/2008 and 25/01/2009	Anon			Wrexham Flintshire	Occurrence ID: NBN-GA000567-BGBW2008-22135653-139535681; Occurrence ID: NBN-GA000656-BGBW2009-16444167-106602186	D1852/001/01 , D1852/002/01	BAP, LBAP-C, LBAP-F, LBAP-G, S7, UKBR, WBA	PC
<i>Passer domesticus</i> (House Sparrow / Aderyn y To)	SJ3156	2 records, between 26/01/2008 and 25/01/2009	Anon			Wrexham Flintshire	Occurrence ID: NBN-GA000567-BGBW2008-22135651-139396699; Occurrence ID: NBN-GA000656-BGBW2009-16443398-106601994	D1852/001/01 , D1852/002/01	BAP, LBAP-C, LBAP-F, LBAP-G, S7, UKBR, WBA	PC
<i>Passer domesticus</i> (House Sparrow / Aderyn y To)	SJ3255	2 records, between 26/01/2008 and 25/01/2009	Anon			Wrexham Denbighshire	Occurrence ID: NBN-GA000567-BGBW2008-22135477-139531680; Occurrence ID: NBN-GA000656-BGBW2009-16444792-106608902	D1852/001/01 , D1852/002/01	BAP, LBAP-C, LBAP-F, LBAP-G, S7, UKBR, WBA	PC
<i>Passer domesticus</i> (House Sparrow / Aderyn y To)	SJ3356	2 records, between 26/01/2008 and 25/01/2009	Anon			Wrexham Denbighshire	Occurrence ID: NBN-GA000567-BGBW2008-22135514-139626469; Occurrence ID: NBN-GA000656-BGBW2009-16445335-106608982	D1852/001/01 , D1852/002/01	BAP, LBAP-C, LBAP-F, LBAP-G, S7, UKBR, WBA	PC
<i>Passer montanus</i> (Tree Sparrow / Golfan y Mynydd)	SJ3356	2 records, between 19/12/2014 and 21/12/2014	Barry Lynes	2	Reported to recorder	Llay, N	Survey: Observer data	D0062/008/01	BAP, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Perdix perdix</i> (Grey Partridge / Petrissen)	SJ323554 (Estimated (Centroid of Site))	~ 2005	BASC Recorder (15534803-1)				Shoot Size Range: 0-3km	D0132/001/02	BAP, BDir2.1, GBNNSIP, LBAP- A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	PC
<i>Pipistrellus</i> (Pipistrelle Bat species)	SJ3255	05/08/2008	Michael Sharp	10		-Withheld-	-Withheld-	D1117/001/01	Bern2, Bonn2, CHS2, HDir4, S7, WCA5	PC
<i>Pipistrellus</i> (Pipistrelle Bat species)	SJ3255 (Estimated (Centroid of Site))	~ 2005	BASC Recorder (15534803-1)			-Withheld-	-Withheld-	D0132/001/02	Bern2, Bonn2, CHS2, HDir4, S7, WCA5	PC
<i>Pipistrellus</i> <i>pipistrellus</i> (Common Pipistrelle)	SJ3255	3 records, between 05/08/2008 and 02/09/2008	Michael Sharp	1; 4; 2		-Withheld-	-Withheld-	D1117/001/01	Bonn2, CHS2, HDir4, LBAP-A, LBAP-D, LBAP-E, LBAP-F, LBAP-G, S7, WCA5	PC
<i>Pipistrellus</i> <i>pipistrellus</i> (Pipistrelle / Ystlum Lleiaf)	SJ3355	1987	Schofield, Henry			-Withheld-	-Withheld-	D1072/001/02	Bern2, Bern3, Bonn2, CHS2, HDir4, LBAP-C, S7, WCA5	NA
<i>Pipistrellus</i> <i>pygmaeus</i> (Soprano Pipistrelle)	SJ3255	3 records, between 05/08/2008 and 02/09/2008	Michael Sharp	3; 2		-Withheld-	-Withheld-	D1117/001/01	BAP, Bern2, Bonn2, CHS2, HDir4, LBAP-A, LBAP-D, LBAP-E, LBAP-F, LBAP-G, S7, WCA5	PC
<i>Plecotus auritus</i> (Brown Long- eared Bat / Ystlum Hirglust)	SJ3255	3 records, between 05/08/2008 and 02/09/2008	Michael Sharp	1		-Withheld-	-Withheld-	D1117/001/01	BAP, Bern2, Bonn2, CHS2, HDir4, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, WCA5	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Podiceps auritus</i> (Slavonian Grebe / Gwyach Gorniog)	SJ3155	19 records, between 11/02/2014 and 03/03/2014	Martin G Williams; Recorder Name withheld (obsr341315); Ron Rees Davies; Mark T Breaks; Jack Davies; Steven Davies; Nick French; Neil Hughes; Alex Humphreys- Jones; Jon A Lowes; Kevin J Smith; Dunca...	1	Reported to recorder	Sydallt;Llay Pool	Survey: Observer data; BirdTrack; Birdtrack. Winter plumage bird	D0062/008/01 , D0346/003/01 , D1297/025/01	BDir1, Bern2, Bonn2, RL-CR, RL-NT, UKBR, WBA, WCA1.1	NA, UA, PC
<i>Podiceps auritus</i> (Slavonian Grebe / Gwyach Gorniog)	SJ3355	20 records, between 11/02/2014 and 04/03/2014	Anon	1		Llay	Birdtrack.	D1297/025/01	BDir1, Bern2, Bonn2, RL-CR, RL-NT, UKBR, WBA, WCA1.1	PC
<i>Podiceps auritus</i> (Slavonian Grebe / Gwyach Gorniog)	SJ317556	12/02/2014	Steve Palin	1 Full-Grown		Llay Pool	First recorded 11.2.14	D1117/001/01	BDir1, Bern2, Bonn2, RL-CR, RL-NT, UKBR, WBA, WCA1.1	PC
<i>Prunella modularis</i> (Dunnock / Llwyd y Gwrych)	SJ3257	3 records, between 2009 and 26/04/2009	Jason Newton; Anon	1	Reported to recorder	Caer Estyn, Caer- Estyn	Activity: S. Survey: Observer data; Occurrence ID: NBN- GA000656- BGBW2009- 16444167- 106166843	D0062/008/01 , D1779/001/02 , D1852/002/01	BAP, Bern2, LBAP-C, S7, UKBA	NA, PC
<i>Prunella modularis</i> (Dunnock / Llwyd y Gwrych)	SJ3357	2 records, between 26/04/2009 and 28/03/2013	Jason Newton; Martyn Harris	2	Reported to recorder; Field record	Llay, far N; Cobblers Lane, West of Burton Green	Activity: S. Survey: Observer data; A few along the hedges.	D0062/008/01 , D0969/001/05	BAP, Bern2, LBAP-C, S7, UKBA	NA, UA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Prunella modularis</i> (Dunnock / Llwyd y Gwrych)	SJ3155 (Approximate)	33 records, between 24/01/2009 and 21/06/2022	Steven Davies; Duncan Halpin; Mr Duncan Halpin; Mr James Hughes; Mr Steven Davies; Mr Trevor Taylor; Anon; Mr James Andrewes; Mr Justin Williams	1; 2; 6; 3		Sydallt; Llay Pool; Llay pools, Clwyd; Llay Pools	Birdtrack: Activity: H; BirdTrack; Occurrence ID: NBN-GA000656-BGBW2009-16443535-106166634	D1297/025/01 , D1297/047/01 , D1297/049/01 , D1297/050/01 , D1852/002/01 , D1297/039/01 , D1297/040/01 , D1297/027/01	BAP, Bern2, LBAP-C, S7, UKBA	PC, UA
<i>Prunella modularis</i> (Dunnock / Llwyd y Gwrych)	SJ3256	2009	Anon					D1779/001/02	BAP, Bern2, LBAP-C, S7, UKBA	NA
<i>Prunella modularis</i> (Dunnock / Llwyd y Gwrych)	SJ3156	24/01/2009 to 25/01/2009	Anon				Occurrence ID: NBN-GA000656-BGBW2009-16443398-106166473	D1852/002/01	BAP, Bern2, LBAP-C, S7, UKBA	PC
<i>Prunella modularis</i> (Dunnock / Llwyd y Gwrych)	SJ3355	24/01/2009 to 25/01/2009	Anon				Occurrence ID: NBN-GA000656-BGBW2009-16444871-106179507	D1852/002/01	BAP, Bern2, LBAP-C, S7, UKBA	PC
<i>Prunella modularis</i> (Dunnock / Llwyd y Gwrych)	SJ3255	3 records, between 24/01/2009 and 14/11/2019	Anon; Dr Anne Brenchley			SJ3255 Alyn Waters CP Llay side N	Occurrence ID: NBN-GA000656-BGBW2009-16444792-106179428	D1852/002/01 , D1297/026/01	BAP, Bern2, LBAP-C, S7, UKBA	PC
<i>Pyrrhula pyrrhula</i> (Bullfinch / Coch y Berllan)	SJ3357	2 records, between 17/04/2007 and 26/04/2009	Julie Rogers; Jason Newton	3; 2	Reported to recorder	Llay, far N	Survey: Observer data; Activity: H. Survey: Observer data	D0062/008/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBA, WBR	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Pyrrhula pyrrhula</i> (Bullfinch / Coch y Berllan)	SJ3155 (Approximate)	21 records, between 05/05/2008 and 23/03/2021	Kevin J Smith; Duncan Halpin; Mr James Hughes; Mr Duncan Halpin; Mr James Andrewes; Mr Steven Davies; Mr Trevor Taylor	1 Female; 1 Male; 1; 4; 2	Reported to recorder	Sydallt; Llay Pool; Llay pools, Clwyd	Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01 , D1297/047/01 , D1297/039/01 , D1297/040/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBA, WBR	NA, PC, UA
<i>Pyrrhula pyrrhula</i> (Bullfinch / Coch y Berllan)	SJ3156	24/01/2009 to 25/01/2009	Anon				Occurrence ID: NBN-GA000656-BGBW2009-16443536-105744977	D1852/002/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBA, WBR	PC
<i>Pyrrhula pyrrhula</i> (Bullfinch / Coch y Berllan)	SJ3355	24/01/2009 to 25/01/2009	Anon				Occurrence ID: NBN-GA000656-BGBW2009-16445334-105771330	D1852/002/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBA, WBR	PC
<i>Pyrrhula pyrrhula</i> (Bullfinch / Coch y Berllan)	SJ3255	3 records, between 27/06/2019 and 14/11/2019	Dr Anne Brencley	2		SJ3255 Alyn Waters CP Llay side N	Breeding status: P	D1297/026/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBA, WBR	PC
<i>Rana temporaria</i> (Common Frog / Broga)	SJ3286856880 (Supplied by Original Recorder)	2 records, between 15/05/2016 and 15/05/2017	Peter Tattersfield; Paul Fisher	2 Larva/Tadpole; 2 Frog Spawn	Bottle trap	Llay - Rackery Lane: Pond 1		D1320/014/01	Bern3, HDir5, LBAP-A, LBAP-C, LBAP-F, LBAP-T, WCA5	NA
<i>Satyrrium w-album</i> (White-letter Hairstreak / Brithribin W Wen)	SJ3156	3 records, between 18/07/1974 and 22/07/1983	Mike Grice	frequent adult; occasional adult	Field record	Cefn-Y-Bedd	Elms dying.	D0969/001/05	BAP, LBAP-F, RL-EN, S7, WCA5	UA
<i>Scotopteryx chenopodiata</i> (Shaded Broad-bar / Rhesen Lydan Dywyll)	SJ325566 (Supplied by Original Recorder (Centroid of Site))	2 records, between 24/06/2019 and 09/07/2019	Richard Birch; Liz Bryan		Live Sighting	North Wales Eastern Command and Custody Facility, Llay	Confirmed RB (Image)	D1873/001/02	BAP, LBAP-G, S7	PC
<i>Scotopteryx chenopodiata</i> (Shaded Broad-bar / Rhesen Lydan Dywyll)	SJ325553	07/07/1999	J.B. Formstone	2 Adult		Alyn waters Llay	Habitat: Quarry; disused. Method: Netted	D1285/001/03	BAP, LBAP-G, S7	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Scotopteryx chenopodiata</i> (Shaded Broad-bar / Rhesen Lydan Dywyll)	SJ325565	21/07/2023	Brian Comer	3+		Llay custody suite		D1873/001/02	BAP, LBAP-G, S7	UA
<i>Spilosoma lutea</i> (Buff Ermine / Ermin Llwydfelyn)	SJ325553	28/06/1980	J.B. Formstone	1 Adult		Alyn waters Llay	Habitat: Quarry; disused. Method: MV Light	D1285/001/03	BAP, LBAP-G, S7	NA
<i>Sturnus vulgaris</i> (Starling / Drudwen)	SJ3356	2 records, between 06/12/2007 and 27/01/2008	John Lawton Roberts; Anon	150	Reported to recorder	Llay, N:Wrexham, Denbighshire	Survey: Observer data; Occurrence ID: NBN-GA000567-BGBW2008-22135802-139626470	D0062/008/01 , D1852/001/01	BAP, BDir2.2, LBAP-C, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	NA, PC
<i>Sturnus vulgaris</i> (Starling / Drudwen)	SJ3155 (Approximate)	15 records, between 10/05/2010 and 19/12/2021	Steven Davies; Duncan Halpin; Mr Duncan Halpin; Mr James Andrewes; Mr Steven Davies; Mr Trevor Taylor	5; 10+; 2		Sydallt; Llay Pool; Llay pools, Clwyd	Birdtrack.: Activity: F; Birdtrack.: BirdTrack; Bird Track	D1297/025/01 , D1297/047/01 , D1297/039/01 , D1297/040/01	BAP, BDir2.2, LBAP-C, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	PC, UA
<i>Sturnus vulgaris</i> (Starling / Drudwen)	SJ3355	2 records, between 26/01/2008 and 25/01/2009	Anon			Wrexham, Denbighshire	Occurrence ID: NBN-GA000567-BGBW2008-22135795-139652739; Occurrence ID: NBN-GA000656-BGBW2009-16445260-106878409	D1852/001/01 , D1852/002/01	BAP, BDir2.2, LBAP-C, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	PC
<i>Sturnus vulgaris</i> (Starling / Drudwen)	SJ3255	3 records, between 26/01/2008 and 14/11/2019	Anon; Dr Anne Brencley			Wrexham, Denbighshire; SJ3 255 Alyn Waters CP Llay side N	Occurrence ID: NBN-GA000567-BGBW2008-22135782-139531681; Occurrence ID: NBN-GA000656-BGBW2009-16444792-106878438	D1852/001/01 , D1852/002/01 , D1297/026/01	BAP, BDir2.2, LBAP-C, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	PC
<i>Sturnus vulgaris</i> (Starling / Drudwen)	SJ3257	24/01/2009 to 25/01/2009	Anon				Occurrence ID: NBN-GA000656-BGBW2009-16444167-106875100	D1852/002/01	BAP, BDir2.2, LBAP-C, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Sturnus vulgaris</i> (Starling / Drudwen)	SJ3156	24/01/2009 to 25/01/2009	Anon				Occurrence ID: NBN-GA000656- BGBW2009- 16443398- 106875019	D1852/002/01	BAP, BDir2.2, LBAP-C, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	PC
<i>Tringa ochropus</i> (Green Sandpiper / Pibydd Gwyrdd)	SJ3155 (Approximate)	8 records, between 13/04/2021 and 17/04/2022	Mr Kevin Smith; Mr Steven Davies; Mr Justin Williams; Mr Trevor Taylor	1; 2		Llay Pool;Llay Pools;Llay pools, Clwyd		D1297/047/01 , D1297/049/01 , D1297/050/01	Bern2, Bonn2, LBAP-C, RL-EN, UKBA, WCA1.1	PC
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ3255 (Supplied by Original Recorder (Checked))	4 records, between 29/04/2003 and 11/06/2003	Donna Warren	Adult; P Adult (Exact)		-Withheld-	-Withheld-	D0026/279/01 , D1923/001/01	BAP, Bern2, CHS2, HDir2, HDir4, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-T, LBAP-W, S7, WCA5	PC, NA
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ3255 (Estimated (Centroid of Site))	~ 2005	BASC Recorder (15534803-1)			-Withheld-	-Withheld-	D0132/001/02	BAP, Bern2, CHS2, HDir2, HDir4, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-T, LBAP-W, S7, WCA5	PC
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ3255 (Approximate)	17/05/2001	Jan Wilkinson	9 (Exact)		-Withheld-	-Withheld-	D1118/011/03	BAP, Bern2, CHS2, HDir2, HDir4, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-T, LBAP-W, S7, WCA5	PC
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ3156 (Approximate)	19/05/2001	Jan Wilkinson	1 (Exact)		-Withheld-	-Withheld-	D1118/011/03	BAP, Bern2, CHS2, HDir2, HDir4, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-T, LBAP-W, S7, WCA5	PC
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ3256 (Approximate)	23/05/2001	Jan Wilkinson	4 (Exact)		-Withheld-	-Withheld-	D1118/011/03	BAP, Bern2, CHS2, HDir2, HDir4, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-T, LBAP-W, S7, WCA5	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ3257 (Supplied by Original Recorder)	18 records, between 03/05/2016 and 06/06/2017	Paul Fisher; Peter Tattersfield; Peter Tattersfield; Paul Fisher; Peter Tattersfield; Kate Reed; Peter Tattersfield; Paul Fisher; Rosie Fisher; Kate Reed; Rosie Fisher; Paul Fisher	3 Male; 4 Female; + Egg; 4 Male; 3 Female; 3 Male; Egg; 1 Juvenile (Sex Unknown); 3 Male; 4 Female; 3 Larva/Tadpole; 3 Male; 7 Female; Egg; 4 Larva/Tadpole; 2 Male; 2 Female; 1 Juvenile (Sex Unkn...	Torch Count/Bottle trap; Netted	-Withheld-	-Withheld-	D1320/014/01	BAP, Bern2, CHS2, HDir2, HDir4, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-T, LBAP-W, S7, WCA5	NA
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ3256 (Selected from Interactive Map)	24 records, between 15/03/2007 and 28/04/2023	Paul Benyon; Anon - Jacobs; Sophie Johnson; Mandy Cartwright; Rhian Hughes; Tim Yardley	4 Male; 6 Female; 5 Male; Egg; 17 Adult (Sex Unknown); Egg; 5 Adult (Sex Unknown); 1 Male; 5 Age & Sex Unknown; 4 Adult Male; 2 Adult Female; 16 Age & Sex Unknown; 7 Adult Male; 1 Adult Female; 11 ...	Torch Count/Bottle trap	-Withheld-	-Withheld-	D1320/014/01	BAP, Bern2, CHS2, HDir2, HDir4, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-T, LBAP-W, S7, WCA5	NA, PC
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ3256 (Selected from Interactive Map)	6 records, between 17/04/2007 and 15/05/2018	Paul Benyon; Anon - Jacobs; Lucy Boyett	3 Female; 1 Adult Female; 1 Male; 3 Female; 1 Male; 6 Female; 1 Juvenile (Sex Unknown); 3 Age & Sex Unknown; 2 Adult Male; 1 Adult Female	Torch Count/Bottle trap	-Withheld-	-Withheld-	D1320/014/01	BAP, Bern2, CHS2, HDir2, HDir4, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-T, LBAP-W, S7, WCA5	NA
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ3255 (Selected from Interactive Map)	21 records, between 17/04/2007 and 28/04/2023	Paul Benyon; Anon - Jacobs; Rhian Hughes; Tim Yardley; Sophie Johnson; Rebecca Lloyd; Peter Kneen; Rhian Hughes; Sophie Johnson; Mandy Cartwright; Rhian Hughes; Lucy Boyett; Matt Moss; Tim Yardley	2 Male; 2 Female; Egg; 2 Male; 1 Age & Sex Unknown; 1 Adult Female; 1 Adult Male; Egg; 2 Adult Female; 42 Adult Female; 48 Adult Male; 1 Female; 1 Male; 2 Female; 1 Male; 1 Female; 1 Male; 4 Female;	Torch Count/Bottle trap	-Withheld-	-Withheld-	D1320/014/01	BAP, Bern2, CHS2, HDir2, HDir4, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-T, LBAP-W, S7, WCA5	NA, PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ3256 (Selected from Interactive Map)	22 records, between 28/03/2011 and 28/04/2023	Paul Benyon; Rhian Hughes; Tim Yardley; Sophie Johnson; Rebecca Lloyd; Peter Kneen; Keymar Wake; Sophie Johnson; Rebecca Lloyd; Rhian Hughes; Peter Kneen; Sophie Johnson; Mandy Cartwright; Rhian Hu...	1 Male; 6 Female; 1 Male; 1 Female; 1 Female; 2 Juvenile Male; 1 Adult Female; 1 Adult Male; 3 Adult Female; 3 Adult Male; 3 Adult Female; 1 Adult Female; 1 Adult Female; 1 Adult Male; 1 Male; 3 Female; 1 Male; 1 ...	Torch Count; Not Applicable/Bottle trap	-Withheld-	-Withheld-	D1320/014/01	BAP, Bern2, CHS2, HDir2, HDir4, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-T, LBAP-W, S7, WCA5	NA, PC
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ3256 (Selected from Interactive Map)	6 records, between 28/03/2011 and 13/05/2021	Paul Benyon; Lucy Boyett; Tim Yardley; Rhian Hughes	2 Male; 1 Female; 1 Male; 2 Female; 1 Male; 1 Female; 1 Male; 1 Adult Male; 1 Adult Female	Torch Count/Bottle trap	-Withheld-	-Withheld-	D1320/014/01	BAP, Bern2, CHS2, HDir2, HDir4, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-T, LBAP-W, S7, WCA5	NA
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ3255 (Selected from Interactive Map)	2 records, between 11/04/2011 and 04/05/2011	Paul Benyon	1 Female; 1 Male; 1 Female	Bottle trap	-Withheld-	-Withheld-	D1320/014/01	BAP, Bern2, CHS2, HDir2, HDir4, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-T, LBAP-W, S7, WCA5	NA
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ3256 (Selected from Interactive Map)	17 records, between 18/04/2011 and 28/04/2023	Paul Benyon; Rhian Hughes; Tim Yardley; Sophie Johnson; Rebecca Lloyd; Peter Kneen; Keymar Wake; Sophie Johnson; Rebecca Lloyd; Peter Kneen; Rhian Hughes; Sophie Johnson; Mandy Cartwright; Lucy Boy...	1 Juvenile (Sex Unknown); 1 Adult Male; 1 Adult Female; 4 Adult Male; 5 Adult Female; 1 Adult (Sex Unknown); 5 Adult Male; 4 Adult Female; 1 Male; 17 Male; 3 Female; 1 Larva/Tadpole; 1 Male; 1 Fema...	Torch Count	-Withheld-	-Withheld-	D1320/014/01	BAP, Bern2, CHS2, HDir2, HDir4, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-T, LBAP-W, S7, WCA5	NA, PC
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ3256 (Selected from Interactive Map)	21 records, between 11/05/2015 and 28/04/2023	Rebecca Lloyd; Rhian Hughes; Sophie Johnson; Tim Yardley; Peter Kneen; Keymar Wake; Sophie Johnson; Rebecca Lloyd; Peter Kneen; Rhian Hughes; Sophie Johnson; Mandy Cartwright; Rhian Hughes; Tim Yar...	3 Adult Male; 1 Adult Female; 1 Adult Male; Egg; 6 Adult Female; 22 Adult Male; 1 Juvenile Male; 1 Juvenile (Sex Unknown); 2 Male; 2 Age & Sex Unknown; 4 Male; 3 Female; 2 Male; 4 Male; 1 Male; 1 ...	Torch Count/Bottle trap	-Withheld-	-Withheld-	D1320/014/01	BAP, Bern2, CHS2, HDir2, HDir4, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-T, LBAP-W, S7, WCA5	NA, PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ3256 (Selected from Interactive Map)	26 records, between 11/05/2015 and 28/04/2023	Rhian Hughes; Tim Yardley; Sophie Johnson; Rebecca Lloyd; Peter Kneen; Keymar Wake; Sophie Johnson; Rebecca Lloyd; Peter Kneen; Rhian Hughes; Sophie Johnson; Mandy Cartwright; Rhian Hughes; Tim Yar...	10 Adult Male; 2 Adult Female; 6 Adult Female; 14 Adult Male; 8 Adult Female; 9 Adult Male; 7 Adult Female; 3 Age & Sex Unknown; 8 Adult Male; 8 Adult Female; Egg; 1 Adult Female; 4 Male; 3 Female...	Torch Count; Not Applicable/Bottle trap	-Withheld-	-Withheld-	D1320/014/01	BAP, Bern2, CHS2, HDir2, HDir4, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-T, LBAP-W, S7, WCA5	NA, PC
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ3256 (Selected from Interactive Map)	10 records, between 17/04/2018 and 13/05/2021	Rhian Hughes; Tim Yardley; Sophie Johnson; Rebecca Lloyd; Peter Kneen; Rhian Hughes; Lucy Boyett; Tim Yardley; Rhian Hughes	4 Adult Male; 4 Adult Female; Egg; 1 Adult Male; 1 Female; 2 Male; 3 Male; 3 Female; 1 Adult (Sex Unknown); 2 Male; 1 Female; 2 Adult Male; 1 Adult Female	Torch Count/Bottle trap	-Withheld-	-Withheld-	D1320/014/01	BAP, Bern2, CHS2, HDir2, HDir4, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-T, LBAP-W, S7, WCA5	NA
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ3256 (Selected from Interactive Map)	7 records, between 11/05/2015 and 13/05/2021	Rhian Hughes; Tim Yardley; Sophie Johnson; Rebecca Lloyd; Rebecca Lloyd; Rhian Hughes; Sophie Johnson; Tim Yardley; Peter Kneen; Keymar Wake; Sophie Johnson; Rebecca Lloyd; Rhian Hughes	3 Adult Female; 1 Age & Sex Unknown; 1 Adult Male; Egg; 1 Adult Female; 1 Male; 1 Female; 1 Age & Sex Unknown; 1 Male; 2 Female; Egg; 1 Adult Male	Torch Count; Not Applicable/Bottle trap	-Withheld-	-Withheld-	D1320/014/01	BAP, Bern2, CHS2, HDir2, HDir4, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-T, LBAP-W, S7, WCA5	NA
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ3256	7 records, between 15/03/2007 and 26/09/2007	Simon Holden	1 Adult (Exact); 17 Adult (Exact); 5 Adult (Exact); 11 Adult (Exact); 7 Adult (Exact)		-Withheld-	-Withheld-	D1923/001/01	BAP, Bern2, CHS2, HDir2, HDir4, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-T, LBAP-W, S7, WCA5	NA
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ3256	18/04/2007	Kate Finlinson	1 Adult (Exact)		-Withheld-	-Withheld-	D1923/001/01	BAP, Bern2, CHS2, HDir2, HDir4, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-T, LBAP-W, S7, WCA5	NA
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ3256 (Approximate)	28/04/2023	Sophie Johnson; Mandy Cartwright	1 Adult Female; 4 Adult Male	Torch Count	-Withheld-	-Withheld-	D1320/014/01	BAP, Bern2, CHS2, HDir2, HDir4, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-T, LBAP-W, S7, WCA5	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ3256 (Approximate)	2 records, between 30/04/2015 and 19/05/2015	Capita	1 Adult Female		-Withheld-	-Withheld-	D1117/001/01	BAP, Bem2, CHS2, HDir2, HDir4, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-T, LBAP-W, S7, WCA5	PC
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ3256 (Supplied by Original Recorder)	2 records, between 29/04/2015 and 18/05/2015	Anon	1 Adult Female	Bottle trap	-Withheld-	-Withheld-	D1320/014/01	BAP, Bem2, CHS2, HDir2, HDir4, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-T, LBAP-W, S7, WCA5	PC
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ3256 (Selected from Interactive Map)	09/08/2022	Phil Pearce	1 Adult Male		-Withheld-	-Withheld-	D1117/001/01	BAP, Bem2, CHS2, HDir2, HDir4, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-T, LBAP-W, S7, WCA5	PC
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ3156 (Approximate)	19/05/2010	RML	3 Adult		-Withheld-	-Withheld-	D1117/001/01	BAP, Bem2, CHS2, HDir2, HDir4, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-T, LBAP-W, S7, WCA5	PC
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ3256 (Selected from Interactive Map)	4 records, between 11/05/2015 and 13/05/2021	Rhian Hughes	1 Female; 1 Male; 1 Female; 6 Adult Male	Torch Count/Bottle trap	-Withheld-	-Withheld-	D1320/014/01	BAP, Bem2, CHS2, HDir2, HDir4, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-T, LBAP-W, S7, WCA5	NA
<i>Turdus iliacus</i> (Redwing / Coch Dan Adain)	SJ3155 (Approximate)	27 records, between 10/11/2010 and 14/03/2022	Steven Davies; Neil Hughes; Duncan Halpin; Mr Duncan Halpin; Mr Kevin Smith; Mr Steven Davies; Mr Trevor Taylor	35; 2; 30+; 70+; 80+; 15+; 7; 5; 3+; c10; 50+; 3; c15		Sydallt; Llay Pool; Llay pools, Clwyd	Birdtrack;; BirdTrack; Bird Track	D1297/025/01 , D1297/047/01 , D1297/049/01 , D1297/050/01 , D1297/039/01 , D1297/040/01	BDir2.2, LBAP-C, RL-CR, UKBA, WBA, WCA1.1	PC, UA
<i>Turdus iliacus</i> (Redwing / Coch Dan Adain)	SJ3255	14/11/2019	Dr Anne Brenchley			SJ3255 Alyn Waters CP Llay side N		D1297/026/01	BDir2.2, LBAP-C, RL-CR, UKBA, WBA, WCA1.1	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Turdus philomelos</i> (Song Thrush / Bronfraith)	SJ3357	26/04/2009	Jason Newton	1	Reported to recorder	Llay, far N	Activity: S. Survey: Observer data	D0062/008/01	BAP, BDir2.2, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-G, LBAP-W, S7, UKBA, WBA	NA
<i>Turdus philomelos</i> (Song Thrush / Bronfraith)	SJ325566 (Supplied by Original Recorder (Centroid of Site))	18/05/2019	Richard Birch		Live Sighting	North Wales Eastern Command and Custody Facility, Llay		D1873/001/02	BAP, BDir2.2, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-G, LBAP-W, S7, UKBA, WBA	PC
<i>Turdus philomelos</i> (Song Thrush / Bronfraith)	SJ3257	2009	Anon					D1779/001/02	BAP, BDir2.2, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-G, LBAP-W, S7, UKBA, WBA	NA
<i>Turdus philomelos</i> (Song Thrush / Bronfraith)	SJ3256	2009	Anon					D1779/001/02	BAP, BDir2.2, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-G, LBAP-W, S7, UKBA, WBA	NA
<i>Turdus philomelos</i> (Song Thrush / Bronfraith)	SJ3155 (Approximate)	20 records, between 11/12/2008 and 10/04/2022	Neil Hughes; Mr James Hughes; Mr Duncan Halpin; Mr Steven Davies; Mr James Andrewes; Steven Davies; Mark T Breaks; Duncan Halpin	1; 4; 3; 6	Reported to recorder	Sydallt; Llay Pool	Survey: Observer data; Breeding details: Singing male (S); Birdtrack: Activity: H; BirdTrack	D0062/008/01 , D1297/047/01 , D1297/049/01 , D1297/050/01 , D1297/039/01 , D1297/040/01 , D1297/025/01	BAP, BDir2.2, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-G, LBAP-W, S7, UKBA, WBA	NA, UA, PC
<i>Turdus philomelos</i> (Song Thrush / Bronfraith)	SJ3255 (Approximate)	3 records, between 27/06/2019 and 11/04/2021	Mr Steven Davies; Dr Anne Brenchley	2		Llay, W; SJ3255 Alyn Waters CP Llay side N	Breeding status: S	D1297/047/01 , D1297/026/01	BAP, BDir2.2, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-G, LBAP-W, S7, UKBA, WBA	UA, PC
<i>Turdus philomelos</i> (Song Thrush / Bronfraith)	SJ3156	24/01/2009 to 25/01/2009	Anon				Occurrence ID: NBN-GA000656-BGBW2009-16443399-106813737	D1852/002/01	BAP, BDir2.2, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-G, LBAP-W, S7, UKBA, WBA	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Turdus pilaris</i> (Fieldfare / Socan Eira)	SJ3155 (Approximate)	11 records, between 10/11/2010 and 14/03/2022	Steven Davies; Duncan Halpin; Neil Hughes; Mr Duncan Halpin; Mr Kevin Smith; Mr Trevor Taylor	3; 10+; 1; 20+; 5		Sydallt; Llay Pool; Llay pools, Clwyd	Birdtrack;; BirdTrack; Bird Track	D1297/025/01 , D1297/047/01 , D1297/049/01 , D1297/050/01	BDir2.2, LBAP-C, RL-PX, UKBR, WBA, WCA1.1	PC, UA
<i>Tyria jacobaeae</i> (Cinnabar / Teigr y Benfelen)	SJ325566 (Supplied by Original Recorder (Centroid of Site))	21/05/2019	Richard Birch		Live Sighting	North Wales Eastern Command and Custody Facility, Llay	Confirmed RB (Image)	D1873/001/02	BAP, LBAP-G, S7	PC
<i>Tyria jacobaeae</i> (Cinnabar / Teigr y Benfelen)	SJ325553	19/05/1999	J.B. Formstone	2 Adult		Alyn waters Llay	Habitat: Quarry; disused. Method: Netted	D1285/001/03	BAP, LBAP-G, S7	NA
<i>Tyria jacobaeae</i> (Cinnabar / Teigr y Benfelen)	SJ325565	2 records, between 21/06/2022 and 04/06/2023	Brian Comer	4		Llay custody		D1873/001/02	BAP, LBAP-G, S7	UA, KC
<i>Tyto alba</i> (Barn Owl / Tylluan Wen)	SJ3155	07/11/2015	Steven Davies	1		Sydallt	Bird Track	D1297/025/01	Bern2, CITES-A, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-G, LBAP-T, LBAP-W, WBA, WCA1.1, WCA9	PC
<i>Tyto alba</i> (Barn Owl / Tylluan Wen)	SJ323554 (Estimated (Centroid of Site))	~ 2005	BASC Recorder (15534803-1)				Shoot Size Range: 0-3km	D0132/001/02	Bern2, CITES-A, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-G, LBAP-T, LBAP-W, WBA, WCA1.1, WCA9	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Vanellus vanellus</i> (Lapwing / Cornchwiglen)	SJ3155 (Approximate)	95 records, between 08/04/2008 and 02/05/2022	Kevin J Smith; Jason Newton; Steven Davies; Mark T Breaks; Alex Humphreys- Jones; Duncan Halpin; Neil Hughes; Mr James Hughes; Mr Justin Williams; Mr Kevin Smith; Mr Steven Davies; Mr Trevor Taylor;...	3; 2 Female; 2 Male; 3+; 2; 4; 5; 1; 9; 10; 15; 22; 16; 7; 60; 6; 5+	Reported to recorder	Sydallt;Sydallt, Gwersyllt, Alyn Waters CP, NW;Llay Pools;Llay Pool;Llay pools, Clwyd	Llay Pool. Survey: Observer data; Survey: Observer data; Activity: A. Survey: Observer data; Pair. Activity: P. Survey: Observer data; Birdtrack.. Activity: FL; BirdTrack. Activity: D; BirdTrack. Activity: N; BirdTrack; Birdtrack. 3 sitting females. Activity: ON; Bird Track; BirdTrack. Activity: H; BirdTrack. Activity: NE; mating Llay Pool. Survey: Observer data; Breeding details: Occupied nest (ON); Breeding details: Pair in suitable habitat (P)	D0062/008/01 , D1297/025/01 , D1297/047/01 , D1297/049/01 , D1297/050/01 , D1297/039/01 , D1297/040/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-G, RL-EN, RL-VU, S7, UKBR, WBR	NA, PC, UA
<i>Vanellus vanellus</i> (Lapwing / Cornchwiglen)	SJ317556	2 records, both on 20/05/2009	Neil Hughes	2 Juvenile; 4 Adult	Reported to recorder	Llay Pool	Survey: Observer data	D0062/008/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-G, RL-EN, RL-VU, S7, UKBR, WBR	NA
<i>Vanellus vanellus</i> (Lapwing / Cornchwiglen)	SJ3357	26/04/2009	Jason Newton	1	Reported to recorder	Llay, far N	Activity: S. Survey: Observer data	D0062/008/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-G, RL-EN, RL-VU, S7, UKBR, WBR	NA
<i>Vanellus vanellus</i> (Lapwing / Cornchwiglen)	SJ3356	24/03/2018	Trevor B Taylor	3		Llay, N		D1297/025/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-G, RL-EN, RL-VU, S7, UKBR, WBR	PC
<i>Vanellus vanellus</i> (Lapwing / Cornchwiglen)	SJ3256	04/05/2016	Emma Broad	2		Llay, NW	BirdTrack	D1297/025/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-G, RL-EN, RL-VU, S7, UKBR, WBR	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Vanellus vanellus</i> (Lapwing / Cornchwiglen)	SJ335565 (Selected from Interactive Map)	April 2020	Bob Shires	5 Full-Grown	Live Sighting	Straight Mile		D1117/001/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-G, RL-EN, RL-VU, S7, UKBR, WBR	PC
<i>Vanellus vanellus</i> (Lapwing / Cornchwiglen)	SJ324556 (Estimated Centroid of Site))	~ 2005	BASC Recorder (160014064-3)				Shoot Size Range: 0-3km	D0132/001/02	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-G, RL-EN, RL-VU, S7, UKBR, WBR	PC
<i>Vanellus vanellus</i> (Lapwing / Cornchwiglen)	SJ323554 (Estimated Centroid of Site))	~ 2005	BASC Recorder (15534803-1)				Shoot Size Range: 0-3km	D0132/001/02	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-G, RL-EN, RL-VU, S7, UKBR, WBR	PC
<i>Vanellus vanellus</i> (Lapwing / Cornchwiglen)	SJ323561	04/05/2016	Miss E Broad	2		Llay tip		D1297/021/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-G, RL-EN, RL-VU, S7, UKBR, WBR	PC
<i>Vanellus vanellus</i> (Lapwing / Cornchwiglen)	SJ325566 (Supplied by Original Recorder Centroid of Site))	18/05/2019	Richard Birch		Live Sighting	North Wales Eastern Command and Custody Facility, Llay	Calling. Flying over carpark	D1873/001/02	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-G, RL-EN, RL-VU, S7, UKBR, WBR	PC
<i>Vanellus vanellus</i> (Lapwing / Cornchwiglen)	SJ322560 (Selected from Interactive Map)	02/05/2018	Matt Moss	3		Llay		D1814/001/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-G, RL-EN, RL-VU, S7, UKBR, WBR	PC
<i>Watsonalla binaria</i> (Oak Hook-tip / Bachadain y Deri)	SJ325553	06/08/1979	J.B. Formstone	1 Adult		Alyn waters Llay	Habitat: Quarry: disused. Method: MV Light	D1285/001/03	BAP, LBAP-G, S7	NA
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ3270456657 (Selected from Interactive Map)	01/05/2021	Phil Pearce	1 Adult		Prospect Estate	Spotted in rubbish next to skip	D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-G, LBAP-T, S7, WCA5	KC

Category 2 Species										
Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Accipiter nisus</i> (Sparrowhawk / Gwalch Glas)	SJ3255	26/08/2019	Dr Anne Brenchley	1		SJ3255 Alyn Waters CP Llay side N		D1297/026/01	Bonn2, CITES-A, LBAP-C, RL-NT, UKBA	PC
<i>Accipiter nisus</i> (Sparrowhawk / Gwalch Glas)	SJ3155 (Approximate)	9 records, between 13/04/2013 and 10/04/2022	Steven Davies; Mr Steven Davies; Duncan Halpin	1		Sydallt;Llay Pool	Bird Track; BirdTrack	D1297/025/01 , D1297/049/01 , D1297/050/01	Bonn2, CITES-A, LBAP-C, RL-NT, UKBA	PC, UA
<i>Acrocephalus schoenobaenus</i> (Sedge Warbler / Telor yr Hesg)	SJ3155 (Approximate)	2 records, between 29/04/2021 and 03/05/2021	Mr Kevin Smith	1		Llay Pool	Breeding details: Singing male (S)	D1297/047/01	LBAP-C, UKBA	UA
<i>Actitis hypoleucos</i> (Common Sandpiper / Pibydd y Dorlan)	SJ317556	21/04/2005	Kevin J Smith	1	Reported to recorder	Llay Pool	Survey: Observer data	D0062/008/01	Bonn2, RL-VU, UKBA, WBA	NA
<i>Actitis hypoleucos</i> (Common Sandpiper / Pibydd y Dorlan)	SJ3155 (Approximate)	6 records, between 05/04/2011 and 07/05/2020	Kevin J Smith; Mr James Andrewes; Steven Davies; Neil Hughes; Duncan Halpin	1; 4	Reported to recorder	Sydallt;Llay Pool	Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01 , D1297/039/01	Bonn2, RL-VU, UKBA, WBA	NA, PC
<i>Aegithalos caudatus</i> (Long-tailed Tit / Titw Cynffon-Hir)	SJ3155 (Approximate)	28 records, between 05/05/2008 and 10/04/2022	Anon; Kevin J Smith; Steven Davies; Mr Steven Davies; Mr Duncan Halpin; Mr James Andrewes; Duncan Halpin; Mr Trevor Taylor; Neil Hughes	2; 1; 3; 8	Reported to recorder	Sydallt;Llay Pool;Llay pools, Clwyd	Occurrence ID: NBN-GA000656-BGBW2009-16443535-106729550; Survey: Observer data; BirdTrack; Bird Track; BirdTrack. Activity: N	D1852/002/01 , D0062/008/01 , D1297/025/01 , D1297/040/01 , D1297/039/01 , D1297/049/01 , D1297/050/01 , D1297/047/01	WBA	PC, NA, UA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Aegithalos caudatus</i> (Long-tailed Tit / Titw Cynffon-Hir)	SJ3355	24/01/2009 to 25/01/2009	Anon				Occurrence ID: NBN-GA000656-BGBW2009-16445538-106734693	D1852/002/01	WBA	PC
<i>Aegithalos caudatus</i> (Long-tailed Tit / Titw Cynffon-Hir)	SJ3257	2 records, between 2009 and 25/01/2009	Anon				Occurrence ID: NBN-GA000656-BGBW2009-16444167-106729632	D1852/002/01 , D1779/001/02	WBA	PC, NA
<i>Aegithalos caudatus</i> (Long-tailed Tit / Titw Cynffon-Hir)	SJ3357	2 records, between 2009 and 26/04/2009	Anon; Jason Newton	2	Reported to recorder	Llay, far N	Activity: H. Survey: Observer data	D1779/001/02 , D0062/008/01	WBA	NA
<i>Aegithalos caudatus</i> (Long-tailed Tit / Titw Cynffon-Hir)	SJ3256	2009	Anon					D1779/001/02	WBA	NA
<i>Aegithalos caudatus</i> (Long-tailed Tit / Titw Cynffon-Hir)	SJ3255	3 records, between 18/07/2009 and 14/11/2019	Jason Newton; Dr Anne Brenchley	2; 9	Reported to recorder	Llay, W; SJ3255 Alyn Waters CP Llay side N	Activity: H. Survey: Observer data; Breeding status: FL	D0062/008/01 , D1297/026/01	WBA	NA, PC
<i>Aegithalos caudatus</i> (Long-tailed Tit / Titw Cynffon-Hir)	SJ324560	04/02/2008	Amber Flewitt	15		1 Bramble Court, Llay, Wrexham	Record submitted to rECOrd on Wildlife Watcher's Diary postcard. Grid reference obtained from postcode using online converter. The Long-tailed Tits come round to feed twice a day, in groups of 3 to 15.	D1117/001/01	WBA	PC
<i>Anas acuta</i> (Pintail / Hwyaden Llostfain)	SJ3155 (Approximate)	20 records, between 24/03/2014 and 23/03/2021	Mr Duncan Halpin; Mr Trevor Taylor; Kevin J Smith; Duncan Halpin; Mr Steven Davies; Mr Kevin Smith; Mr James Hughes	1; 8; 6; 2; 3; 4; 9		Sydallt; Llay pools, Clwyd; Llay Pool	BirdTrack; 3 male 3 female	D1297/040/01 , D1297/047/01 , D1297/039/01 , D1297/025/01	BDir2.1, Bonn2, CITES-C, GBNNSIP, LBAP-C, LBAP-G, RL-CR, RL-EN, UKBA, WBA, WCA1.2	PC, UA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Anas crecca</i> (Teal / Corhwyaden)	SJ3155 (Approximate)	7 records, between 13/04/2013 and 22/03/2022	Duncan Halpin; Kevin J Smith; Mr Kevin Smith; Steven Davies; Mr Duncan Halpin	3; 5; 7; 2		Sydallt;Llay Pool	BirdTrack	D1297/025/01 , D1297/049/01 , D1297/050/01 , D1297/047/01	BDir2.1, Bonn2, CITES-C, LBAP- A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, UKBA, WBA	PC, UA
<i>Anas platyrhynchos</i> (Mallard / Hwyaden Wylt)	SJ3155 (Approximate)	77 records, between 10/05/2010 and 10/04/2022	Steven Davies; Mr Steven Davies; Mr Duncan Halpin; Mr James Hughes; Mr Trevor Taylor; Mr Justin Williams; Mr James Andrewes; Mark T Breaks; Duncan Halpin; Neil Hughes; Kevin J Smith	2; 12; 14; 7; 17; 21; 9; 10+; 10; 29; 50; 4; 6; 5; 1; 8; 6+; 11; 38+; 16; c15; 8+; 18		Sydallt;Llay Pool;Llay pools, Clwyd;Llay Pools	Birdtrack.. Activity: P; BirdTrack; Bird Track; BirdTrack. Activity: P; BirdTrack. Activity: FL; 3 broods. Breeding details: Recently fledged (FL); Breeding details: Recently fledged (FL)	D1297/025/01 , D1297/040/01 , D1297/047/01 , D1297/027/01 , D1297/039/01 , D1297/049/01 , D1297/050/01	BDir2.1, Bonn2, LBAP-C, LBAP-G, RL-NT, UKBA, WBA	PC, UA
<i>Anas platyrhynchos</i> (Mallard / Hwyaden Wylt)	SJ3255 (Approximate)	11/04/2021	Mr Steven Davies	4		Llay, W		D1297/047/01	BDir2.1, Bonn2, LBAP-C, LBAP-G, RL-NT, UKBA, WBA	UA
<i>Andrena labiata</i> (Red-girdled Mining Bee)	SJ325553	15/05/1999	J.B. Formstone	2 Adult		Alyn waters Llay	Method: Netted	D1650/001/02	RDB-NA	NA
<i>Anser anser</i> (Greylag Goose / Gwydd Wylt)	SJ3357	2 records, between 2009 and 26/04/2009	Anon; Jason Newton	2	Reported to recorder	Llay, far N	Survey: Observer data	D1779/001/02 , D0062/008/01	BDir2.1, Bonn2, LBAP-C, UKBA, WCA1.2	NA
<i>Anser anser</i> (Greylag Goose / Gwydd Wylt)	SJ3155 (Approximate)	93 records, between 08/04/2008 and 10/04/2022	Kevin J Smith; Jason Newton; Martin G Williams; Steven Davies; Mr Steven Davies; Mr Duncan Halpin; Mr James Hughes; Mr Trevor Taylor; Mr Kevin Smith; Mr James Andrewes; Duncan Halpin; Neil Hughes; ...	1; 4; 6; 22; 3; 9; 8; 18; 16; 25; 20+; 30; 42; c40; 2; 12; 20; 11; 10; 5; c50; 29; 26; 43; 23; 14; 32; 37; 40+; 7; 24; 8+	Reported to recorder	Sydallt;Sydallt, Gwersyllt, Alyn Waters CP, NW;Llay Pool;Llay pools, Clwyd	Llay Pool. Survey: Observer data; Survey: Observer data; Activity: P. Survey: Observer data; Birdtrack.. Activity: H; BirdTrack; Bird Track; BirdTrack. Activity: P	D0062/008/01 , D1297/025/01 , D1297/040/01 , D1297/047/01 , D1297/039/01 , D1297/049/01 , D1297/050/01 , D0346/003/01	BDir2.1, Bonn2, LBAP-C, UKBA, WCA1.2	NA, PC, UA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Anser anser</i> (Greylag Goose / Gwydd Wylt)	SJ317556	20/05/2009	Neil Hughes	2	Reported to recorder	Llay Pool	Survey: Observer data	D0062/008/01	BDir2.1, Bonn2, LBAP-C, UKBA, WCA1.2	NA
<i>Anser anser</i> (Greylag Goose / Gwydd Wylt)	SJ3255 (Approximate)	11/04/2021	Mr Steven Davies	2		Llay, W		D1297/047/01	BDir2.1, Bonn2, LBAP-C, UKBA, WCA1.2	UA
<i>Anser brachyrhynchus</i> (Pink-footed Goose / Gwydd Troetbinc)	SJ3155	4 records, between 02/04/2010 and 16/02/2014	Kevin J Smith; Neil Hughes; Duncan Halpin	1	Reported to recorder	Sydallt	Llay Pool. Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01	BDir2.2, Bonn2, GBNSIP, UKBA	NA, PC
<i>Anthus pratensis</i> (Meadow Pipit / Corhedydd y Waun)	SJ3155 (Approximate)	10 records, between 11/01/2014 and 28/02/2022	Mr Duncan Halpin; Kevin J Smith; Mr Justin Williams; Steven Davies; Duncan Halpin; Mr Trevor Taylor	c30; 20; 1; 4		Sydallt; Llay Pools; Llay pools, Clwyd	BirdTrack	D1297/040/01 , D1297/025/01 , D1297/027/01 , D1297/039/01 , D1297/050/01 , D1297/047/01	Bern2, LBAP-C, UKBA, WBA	PC, UA
<i>Apus apus</i> (Swift / Gwennol Ddu)	SJ3257	2009	Anon					D1779/001/02	RL-EN, UKBR, WBA	NA
<i>Apus apus</i> (Swift / Gwennol Ddu)	SJ334555	2 records, both on 21/06/2012	Anon	1; 15	Nest		Building type: House; Estimated number of screaming swifts. Possible breeding. Building type: House	D1735/001/02 , D1734/001/02	RL-EN, UKBR, WBA	NA
<i>Apus apus</i> (Swift / Gwennol Ddu)	SJ329552	2 records, both on 16/08/2013	Anon	10			Estimated number of screaming swifts. Possible breeding	D1734/001/02	RL-EN, UKBR, WBA	NA
<i>Apus apus</i> (Swift / Gwennol Ddu)	SJ3355	2007	Anon	12		LL120LN	Estimated number of screaming swifts. Possible breeding	D1734/001/02	RL-EN, UKBR, WBA	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Apus apus</i> (Swift / Gwennol Ddu)	SJ3155 (Approximate)	12 records, between 16/05/2009 and 21/06/2022	Jason Newton; Steven Davies; Mr Steven Davies; Mr James Hughes; Mr James Andrewes; Neil Hughes; Mr Trevor Taylor	1; 4; c15; 2+; 2	Reported to recorder	Sydallt, Gwersyllt, Alyn Waters CP, NW;Sydallt;Llay Pool;Llay pools, Clwyd	Activity: H. Survey: Observer data; Birdtrack. Activity: F; BirdTrack	D0062/008/01 , D1297/025/01 , D1297/040/01 , D1297/047/01 , D1297/039/01 , D1297/050/01	RL-EN, UKBR, WBA	NA, PC, UA
<i>Apus apus</i> (Swift / Gwennol Ddu)	SJ3255	3 records, between 20/06/2009 and 27/06/2019	Jason Newton; Kevin J Smith; Dr Anne Brenchley	10; 20	Reported to recorder	Llay, W;SJ3255 Alyn Waters CP Llay side N	Activity: H. Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01 , D1297/026/01	RL-EN, UKBR, WBA	NA, PC
<i>Ardea cinerea</i> (Grey Heron / Crëyr Glas)	SJ3257	24/01/2009 to 25/01/2009	Anon				Occurrence ID: NBN-GA000656- BGBW2009- 16444167- 106602185	D1852/002/01	RL-NT	PC
<i>Ardea cinerea</i> (Grey Heron / Crëyr Glas)	SJ3155 (Approximate)	35 records, between 08/04/2008 and 21/06/2022	Kevin J Smith; Martin G Williams; Mr Steven Davies; Mr James Hughes; Mr Kevin Smith; Duncan Halpin; Neil Hughes; Steven Davies; Mr Trevor Taylor; Mark T Breaks; Alex Humphreys-Jones	1; 2	Reported to recorder	Sydallt;Llay Pool;Llay pools, Clwyd	Survey: Observer data; BirdTrack	D0062/008/01 , D1297/040/01 , D1297/047/01 , D1297/039/01 , D1297/025/01 , D1297/049/01 , D1297/050/01	RL-NT	NA, PC, UA
<i>Ardea cinerea</i> (Grey Heron / Crëyr Glas)	SJ3255	14/11/2019	Dr Anne Brenchley	1		SJ3255 Alyn Waters CP Llay side N		D1297/026/01	RL-NT	PC
<i>Atypophthalmus</i> <i>inustus</i>	SJ3156	31/07/1972	Stubbs, A.E.			Cefn-y-Dredd	CCW REFERENCE: Rees J. (1983). Occurrence ID: 126195	D1078/001/02	RDB-N	NA
<i>Aythya ferina</i> (Pochard / Hwyaden Bengoch)	SJ35 (Approximate)	25/02/2021	Mr Nick French	2		-Withheld-	-Withheld-	D1297/047/01	BDir2.1, Bonn2, GBNNSIP, LBAP- C, RL-EN, UKBR, WBR	UA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Aythya fuligula</i> (Tufted Duck / Hwyaden Gopog)	SJ3155 (Approximate)	76 records, between 13/04/2013 and 02/05/2022	Mr Steven Davies; Mr Duncan Halpin; Mr James Hughes; Mr Trevor Taylor; Mr Kevin Smith; Mr Nick French; Mr Justin Williams; Mr James Andrewes; Kevin J Smith; Duncan Halpin; Steven Davies; Neil Hughes	10; 14; 13; 11; 4; 8; 15+; 10+; 1; 22; 2; 6; 19; 9; 7; 5; 12; 16		Llay Pool;Sydallt;Llay pools, Clwyd;Llay Pools	BirdTrack; Bird Track; Birdtrack. pair; BirdTrack. Activity: P; 3 males 4 female; Birdtrack. 4 male 2 female; Breeding details: Pair in suitable habitat (P); 6 males 5 females. Breeding details: Pair in suitable habitat (P)	D1297/040/01 , D1297/047/01 , D1297/027/01 , D1297/039/01 , D1297/025/01 , D1297/049/01 , D1297/050/01	BDir2.1, Bonn2, LBAP-C, WBA	PC, UA
<i>Branta leucopsis</i> (Barnacle Goose / Gwydd Wyran)	SJ3155	4 records, between 21/03/2016 and 25/03/2018	Duncan Halpin; Kevin J Smith; Neil Hughes	1; 3		Sydallt	BirdTrack	D1297/025/01	BDir1, Bern2, Bonn2, GBNN SIP, INNS-W, UKBA, WBA, WCA9	PC
<i>Calidris alpina</i> (Dunlin / Pibydd y Mawn)	SJ35	2 records, between 06/05/2013 and 27/03/2017	Kevin J Smith; Neil Hughes	1; 2		-Withheld-	-Withheld-	D1297/025/01	Bern2, Bonn2, LBAP-C, LBAP-G, RL-EN, RL-VU, UKBR, WBR	PC
<i>Calositticus floricola</i>	SJ322554	3 records, all on 22/05/1988	Ian Wallace; Wallace, B. and Wallace, I.D.; Wallace, I.D.			Llay Bog;Llay Bog SSSI	BRC RECNO: 466215; ALTITUDE: 60m; BRC RECNO: 470541	D0217/001/04 , D1201/001/02	RDB-NR, RL-NT	NA
<i>Calositticus floricola</i>	SJ32235539	08/08/2017	Richard Gallon and Mike Howe	1M 5F 3i		Llay Bog	Hand search of <i>E. angustifolium</i> heads (1M 5F 1i). G-vac (3i). No specimens collected. Ht. (m): 80; Habitat: Peat bog	D0145/001/09	RDB-NR, RL-NT	NA
<i>Carex pseudocyperus</i> (Cyperus Sedge / Hesgen Gynffonnog)	SJ325566 (Estimated (Centroid of Site))	June 2013	Richard Birch			Llay Industrial Estate, Wrexham, LL12 0PG		D1873/003/01	LBAP-G, LI-VP- 48[LR], LI-VP- 49[LR], LI-VP- 51[LS], LI-VP- 52[LS], WRL- VP[NT]	PC
<i>Carex pseudocyperus</i> (Cyperus Sedge / Hesgen Gynffonnog)	SJ322554	15/07/2015	Denbs Group (Williams, D.)			Alyn Waters Country Park	Llay Bog	D1169/004/04	LBAP-G, LI-VP- 48[LR], LI-VP- 49[LR], LI-VP- 51[LS], LI-VP- 52[LS], WRL- VP[NT]	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Cheilosia nebulosa</i>	SJ322554	24/04/2008	J. B. Formstone	1 Adult		Llay Bog	Habitat: Bog. Method: Netted	D1397/001/01	RDB-NS	UA
<i>Cheilosia velutina</i>	SJ328552	06/08/1994	Mike Edwards		Field record	Alyn Waters		D0217/001/04	RDB-NS	NA
<i>Chloris chloris</i> (Greenfinch / Llinos Werdd)	SJ3355	24/01/2009 to 25/01/2009	Anon				Occurrence ID: NBN-GA000656- BGBW2009- 16445260- 105770527	D1852/002/01	Bern2, LBAP-C, RL-EN, UKBR	PC
<i>Chloris chloris</i> (Greenfinch / Llinos Werdd)	SJ3156	24/01/2009 to 25/01/2009	Anon				Occurrence ID: NBN-GA000656- BGBW2009- 16443536- 105744973	D1852/002/01	Bern2, LBAP-C, RL-EN, UKBR	PC
<i>Chloris chloris</i> (Greenfinch / Llinos Werdd)	SJ325566 (Supplied by Original Recorder (Centroid of Site))	18/05/2019	Richard Birch		Live Sighting	North Wales Eastern Command and Custody Facility, Llay	Calling	D1873/001/02	Bern2, LBAP-C, RL-EN, UKBR	PC
<i>Chloris chloris</i> (Greenfinch / Llinos Werdd)	SJ3357	26/04/2009	Jason Newton	2	Reported to recorder	Llay, far N	Activity: H. Survey: Observer data	D0062/008/01	Bern2, LBAP-C, RL-EN, UKBR	NA
<i>Chloris chloris</i> (Greenfinch / Llinos Werdd)	SJ3155 (Approximate)	34 records, between 10/05/2010 and 21/06/2022	Steven Davies; Mr Steven Davies; Mr Duncan Halpin; Mr Trevor Taylor; Mr Nick French; Mr James Andrewes; Duncan Halpin; Alex Humphreys- Jones; Mr James Hughes	1; 2; 3; 4		Sydallt; Llay Pool; Llay pools, Clwyd	Birdtrack.: Activity: H; BirdTrack; BirdTrack. Activity: P	D1297/025/01 , D1297/040/01 , D1297/047/01 , D1297/039/01 , D1297/049/01 , D1297/050/01	Bern2, LBAP-C, RL-EN, UKBR	PC, UA
<i>Chloris chloris</i> (Greenfinch / Llinos Werdd)	SJ3255	14/11/2019	Dr Anne Branchley			SJ3255 Alyn Waters CP Llay side N		D1297/026/01	Bern2, LBAP-C, RL-EN, UKBR	PC
<i>Chloris chloris chloris</i>	SJ3257	2009	Anon					D1779/001/02	Bern2, UKBR	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Chorisops nagatomii</i> (Bright Four-spined Legionnaire)	SJ325553	3 records, all on 06/08/1994	Formstone, J.B.; J.B. Formstone	1 Adult		Alyn waters Llay	Netted; iRecord (iRecord Import)	D1906/001/01 , D1650/006/01 , D1844/001/03	RDB-NS	NA
<i>Cinclus cinclus</i> (Dipper / Bronweny Dwr)	SJ3155	05/05/2008	Kevin J Smith	1	Reported to recorder	Sydallt	Survey: Observer data	D0062/008/01	Bern2, LBAP-C, LBAP-T, RL-NT, UKBA, WBA	NA
<i>Cinclus cinclus</i> (Dipper / Bronweny Dwr)	SJ3255	06/05/2017	Kevin J Smith	1		Llay, W	BirdTrack	D1297/025/01	Bern2, LBAP-C, LBAP-T, RL-NT, UKBA, WBA	PC
<i>Columba oenas</i> (Stock Dove / Colomen Wyllt)	SJ3257	2009	Anon					D1779/001/02	BDir2.2, LBAP-G, UKBA	NA
<i>Columba oenas</i> (Stock Dove / Colomen Wyllt)	SJ3155 (Approximate)	29 records, between 10/11/2010 and 10/04/2022	Mr Steven Davies; Mr Duncan Halpin; Mr Trevor Taylor; Steven Davies; Duncan Halpin; Kevin J Smith; Mr James Andrewes; Mr James Hughes	1; 2; 3+; 4; 7		Llay Pool; Sydallt; Llay pools, Clwyd	BirdTrack; Birdtrack:	D1297/040/01 , D1297/047/01 , D1297/025/01 , D1297/039/01 , D1297/049/01 , D1297/050/01	BDir2.2, LBAP-G, UKBA	PC, UA
<i>Columba palumbus</i> (Woodpigeon / Ysguthan)	SJ3355	24/01/2009 to 25/01/2009	Anon				Occurrence ID: NBN-GA000656-BGBW2009-16444960-106987093	D1852/002/01	BDir2.1, UKBA	PC
<i>Columba palumbus</i> (Woodpigeon / Ysguthan)	SJ3156	24/01/2009 to 25/01/2009	Anon				Occurrence ID: NBN-GA000656-BGBW2009-16443398-106985217	D1852/002/01	BDir2.1, UKBA	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Columba palumbus</i> (Woodpigeon / Ysguthan)	SJ3356	2 records, between 24/01/2009 and 24/03/2018	Anon; Trevor B Taylor			Llay, N	Occurrence ID: NBN-GA000656-BGBW2009-16445335-106987155	D1852/002/01 , D1297/025/01	BDir2.1, UKBA	PC
<i>Columba palumbus</i> (Woodpigeon / Ysguthan)	SJ325566 (Supplied by Original Recorder (Centroid of Site))	18/05/2019	Richard Birch		Live Sighting	North Wales Eastern Command and Custody Facility, Llay		D1873/001/02	BDir2.1, UKBA	PC
<i>Columba palumbus</i> (Woodpigeon / Ysguthan)	SJ3257	2009	Anon					D1779/001/02	BDir2.1, UKBA	NA
<i>Columba palumbus</i> (Woodpigeon / Ysguthan)	SJ3256	2009	Anon					D1779/001/02	BDir2.1, UKBA	NA
<i>Columba palumbus</i> (Woodpigeon / Ysguthan)	SJ3357	2 records, between 2009 and 26/04/2009	Anon; Jason Newton	4	Reported to recorder	Llay, far N	Activity: H. Survey: Observer data	D1779/001/02 , D0062/008/01	BDir2.1, UKBA	NA
<i>Columba palumbus</i> (Woodpigeon / Ysguthan)	SJ3155 (Approximate)	76 records, between 16/05/2009 and 21/06/2022	Jason Newton; Steven Davies; Mr Steven Davies; Mr Duncan Halpin; Mr James Hughes; Mr Trevor Taylor; Mr James Andrewes; Duncan Halpin; Jack Davies; Jon A Lowes; Recorder Name withheld (obsr341315)	2; 35; 3; 4; 1; 6; 10+; 5+	Reported to recorder	Sydallt, Gwersyllt, Alyn Waters CP, NW;Sydallt;Llay Pool;Llay pools, Clwyd	Activity: H. Survey: Observer data; Birdtrack.: Activity: F; Birdtrack.: Activity: H; Birdtrack.: BirdTrack; Bird Track	D0062/008/01 , D1297/025/01 , D1297/040/01 , D1297/047/01 , D1297/039/01 , D1297/049/01 , D1297/050/01 , D0346/003/01	BDir2.1, UKBA	NA, PC, UA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Columba palumbus</i> (Woodpigeon / Ysguthan)	SJ3255 (Approximate)	4 records, between 18/07/2009 and 11/04/2021	Jason Newton; Dr Anne Brencley; Mr Steven Davies	3; 1	Reported to recorder	Llay, W; SJ3255 Alyn Waters CP Llay side N	Activity: H. Survey: Observer data	D0062/008/01 , D1297/026/01 , D1297/047/01	BDir2.1, UKBA	NA, PC, UA
<i>Corvus frugilegus</i> (Rook / Ydfran)	SJ3156	2 records, between 24/12/2007 and 25/01/2009	Anon; Jim Hulse	3	Reported to recorder	Cefn-y-Bedd	Occurrence ID: NBN-GA000656-BGBW2009-16443398-106813617; Survey: Observer data	D1852/002/01 , D0062/008/01	BDir2.2, RL-NT, UKBA	PC, NA
<i>Corvus frugilegus</i> (Rook / Ydfran)	SJ3155 (Approximate)	7 records, between 16/05/2009 and 08/03/2020	Jason Newton; Mr Duncan Halpin; Steven Davies; Duncan Halpin	1; 4	Reported to recorder	Sydallt, Gwersyllt, Alyn Waters CP, NW; Sydallt	Activity: H. Survey: Observer data; BirdTrack	D0062/008/01 , D1297/040/01 , D1297/039/01 , D1297/025/01	BDir2.2, RL-NT, UKBA	NA, PC
<i>Corvus frugilegus</i> (Rook / Ydfran)	SJ3356	24/03/2018	Trevor B Taylor			Llay, N		D1297/025/01	BDir2.2, RL-NT, UKBA	PC
<i>Curruca communis</i> (Whitethroat / Llwydfron)	SJ325566 (Supplied by Original Recorder (Centroid of Site))	18/05/2019	Richard Birch		Live Sighting	North Wales Eastern Command and Custody Facility, Llay		D1873/001/02	LBAP-C, UKBA, WBA	PC
<i>Curruca communis</i> (Whitethroat / Llwydfron)	SJ3256	2009	Anon					D1779/001/02	LBAP-C, UKBA, WBA	NA
<i>Curruca communis</i> (Whitethroat / Llwydfron)	SJ3155 (Approximate)	6 records, between 05/05/2008 and 03/05/2021	Kevin J Smith; Mr Kevin Smith; Steven Davies	1	Reported to recorder	Sydallt; Llay Pool	Llay Pool. Survey: Observer data; Survey: Observer data; Activity: S. Survey: Observer data; Breeding details: Singing male (S); BirdTrack	D0062/008/01 , D1297/047/01 , D1297/025/01	LBAP-C, UKBA, WBA	NA, UA, PC
<i>Curruca communis</i> (Whitethroat / Llwydfron)	SJ3255	06/05/2017	Kevin J Smith	2		Llay, W	BirdTrack	D1297/025/01	LBAP-C, UKBA, WBA	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Curruca communis</i> (Whitethroat / Llwydfron)	SJ32535660 (Selected from Interactive Map)	22/06/2021	R. Birch	1 Brood		Llay	2 adults & one chick	D1873/001/02	LBAP-C, UKBA, WBA	PC
<i>Cygnus olor</i> (Mute Swan / Alarch Dof)	SJ317556	03/04/2006	Kevin J Smith	1	Reported to recorder	Llay Pool	Survey: Observer data	D0062/008/01	BDir2.2, Bonn2, GBNN SIP, LBAP-C, WBA	NA
<i>Cygnus olor</i> (Mute Swan / Alarch Dof)	SJ3155 (Approximate)	56 records, between 12/09/2011 and 12/04/2022	Steven Davies; Mr Steven Davies; Mr Duncan Halpin; Mr James Hughes; Mr Trevor Taylor; Neil Hughes; Alex Humphreys-Jones; Mr Kevin Smith; Ron Rees Davies; Kevin J Smith; Mark T Breaks; Jack Davies; ...	2; 1; 3	Reported to recorder	Sydallt; Llay Pool; Llay pools, Clwyd	Llay Pool. Survey: Observer data; Birdtrack. Juvenile birds; BirdTrack; Bird Track; Birdtrack. Immatures	D0062/008/01 , D1297/040/01 , D1297/047/01 , D1297/039/01 , D1297/025/01 , D1297/049/01 , D1297/050/01 , D0346/003/01	BDir2.2, Bonn2, GBNN SIP, LBAP-C, WBA	NA, PC, UA
<i>Delichon urbicum</i> (House Martin / Gwennol y Bondo)	SJ3155 (Approximate)	14 records, between 08/04/2008 and 07/08/2021	Kevin J Smith; Jason Newton; Steven Davies; Mr Justin Williams; Neil Hughes; Mr Steven Davies; Mr Kevin Smith; Mr James Hughes	1; 5; 2; 2+; 4; 10; 20+; 10+	Reported to recorder	Sydallt; Sydallt, Gwersyllt, Alyn Waters CP, NW; Llay Pools; Llay Pool	Survey: Observer data; Llay Pool. Survey: Observer data; Activity: H. Survey: Observer data; Birdtrack.. Activity: F; BirdTrack	D0062/008/01 , D1297/025/01 , D1297/027/01 , D1297/047/01	Bern2, LBAP-C, RL-VU, UKBR, WBA	NA, PC, UA
<i>Delichon urbicum</i> (House Martin / Gwennol y Bondo)	SJ3255	27/06/2019	Dr Anne Brenchley			SJ3255 Alyn Waters CP Llay side N	Breeding status: N	D1297/026/01	Bern2, LBAP-C, RL-VU, UKBR, WBA	PC
<i>Delichon urbicum</i> (House Martin / Gwennol y Bondo)	SJ3356 (Approximate)	29/04/2022	Mr Kevin Smith	2		Llay		D1297/050/01	Bern2, LBAP-C, RL-VU, UKBR, WBA	UA
<i>Epipactis dunensis</i> (Dune Helleborine)	SJ325566 (Supplied by Original Recorder (Centroid of Site))	24/06/2019	Liz Bryan			North Wales Eastern Command and Custody Facility, Llay	Image	D1873/001/02	LI-VP-50[LS], LI-VP-52[LS], RDB-NR, RL-DD, WRL-VP[VU]	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Epipactis dunensis</i> (Dune Helleborine)	SJ327551 (Approximate)	06/08/2016	D A Griffiths	Flowering		Llay Alyn Waters Park	Reported to Bleddyn Williams	D1117/001/01	LI-VP-50[LS], LI-VP-52[LS], RDB-NR, RL-DD, WRL-VP[VU]	KC
<i>Epipactis dunensis</i> (Dune Helleborine)	SJ324551	10/07/2011	Povey, S.M.	2000		Alyn Waters Country Park	SJ32820.54787. Over 2000 plants in Salix/Betula carr. Confirmed 10/7/11 Richards, A.J. 1st for vc.	D1169/004/04	LI-VP-50[LS], LI-VP-52[LS], RDB-NR, RL-DD, WRL-VP[VU]	NA
<i>Euphrasia nemorosa</i> (Common Eyebright / Effros)	SJ324551	14/08/2021	Williams, D.			Alyn Waters Country Park	Short turf at side of path	D1169/004/04	LI-VP-50[LNS], RL-NT	NA
<i>Filago vulgaris</i> (Common Cudweed / Edafeddog Lwyd)	SJ324551	14/08/2021	Williams, D.			Alyn Waters Country Park	Short turf at side of path	D1169/004/04	LBAP-C, LBAP-G, LI-VP-48[LE], LI-VP-49[LS], LI-VP-50[LNS], LI-VP-51[LS], LI-VP-52[LS], RL-NT, WRL-VP[VU]	NA
<i>Filago vulgaris</i> (Common Cudweed / Edafeddog Lwyd)	SJ3255	21/06/2012	BSBI			Alyn Waters Country Park	SJ328550	D1169/004/04	LBAP-C, LBAP-G, LI-VP-48[LE], LI-VP-49[LS], LI-VP-50[LNS], LI-VP-51[LS], LI-VP-52[LS], RL-NT, WRL-VP[VU]	NA
<i>Fulica atra</i> (Coot / Cwtiar)	SJ3155 (Approximate)	112 records, between 05/05/2008 and 21/06/2022	Kevin J Smith; Neil Hughes; Martin G Williams; Jason Newton; Steven Davies; Mr Duncan Halpin; Mr James Hughes; Mr Trevor Taylor; Mr James Andrewes; Mr Steven Davies; Duncan Halpin; Ron Rees Davies;...	2; 8; 33; 3; 1; 5; 43; 34; 80; 73; 74; 57; 58; 10+; c20; 20+; 40+; 9; 7; 4; 20; 35; 10; 40; 21; 30; 25+; 6; 12; 27; 29; 28; 14; 38; 16; 31; 30+; 23; 11; c30; c36; 47+; 22	Reported to recorder	Sydallt;Sydalit, Gwersyllt, Alyn Waters CP, NW;Llay pools, Clwyd;Llay Pool	Llay Pool. Survey: Observer data; Survey: Observer data; Activity: H. Survey: Observer data; Activity: P. Survey: Observer data; Birdtrack.: Activity: H; BirdTrack; BirdTrack. Activity: ON; Bird Track; Birdtrack. Two nests. Activity: ON; Breeding details: Recently fledged (FL); Breeding details: Occupied nest (ON)	D0062/008/01 , D1297/025/01 , D1297/040/01 , D1297/047/01 , D1297/039/01 , D1297/049/01 , D1297/050/01 , D0346/003/01	BDir2.1, RL-NT	NA, PC, UA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Fulica atra</i> (Coot / Cwtiar)	SJ3255 (Approximate)	11/04/2021	Mr Steven Davies	4		Llay, W	1 nest Llay Bog. Breeding details: Occupied nest (ON)	D1297/047/01	BDir2.1, RL-NT	UA
<i>Gallinula chloropus</i> (Moorhen / Iar Ddwr)	SJ3155 (Approximate)	89 records, between 11/12/2008 and 21/06/2022	Neil Hughes; Jason Newton; Kevin J Smith; Steven Davies; Mr Steven Davies; Mr Duncan Halpin; Mr James Hughes; Mr Trevor Taylor; Mr Justin Williams; Mr James Andrewes; Duncan Halpin; Alex Humphreys-...	5; 3; 2; 13; 18; 8; 4; 17; 19; 14; 7; 12; 1; c10; 6+; 10; 5+; 11; 7+; 6	Reported to recorder	Sydallt;Sydalit, Gwersyllt, Alyn Waters CP, NW;Llay Pool;Llay pools, Clwyd;Llay Pools	Survey: Observer data; Activity: H. Survey: Observer data; Activity: P. Survey: Observer data; Birdtrack.. Activity: FL; Birdtrack;; BirdTrack; Bird Track; Breeding details: Recently fledged (FL)	D0062/008/01 , D1297/025/01 , D1297/040/01 , D1297/047/01 , D1297/027/01 , D1297/039/01 , D1297/049/01 , D1297/050/01	BDir2.2, Bonn2, RL-VU, UKBA	NA, PC, UA
<i>Gallinula chloropus</i> (Moorhen / Iar Ddwr)	SJ3356	24/03/2018	Trevor B Taylor			Llay, N		D1297/025/01	BDir2.2, Bonn2, RL-VU, UKBA	PC
<i>Gallinula chloropus</i> (Moorhen / Iar Ddwr)	SJ3255 (Approximate)	11/04/2021	Mr Steven Davies	2		Llay, W		D1297/047/01	BDir2.2, Bonn2, RL-VU, UKBA	UA
<i>Haematopus ostralegus</i> (Oystercatcher / Pioden Fôr)	SJ318556 (Selected from Interactive Map)	18/04/2014	Steve Palin	2 Adult		Llay pool		D1117/001/01	BDir2.2, LBAP-C, LBAP-G, UKBA, WBA	PC
<i>Haematopus ostralegus</i> (Oystercatcher / Pioden Fôr)	SJ3155 (Approximate)	19 records, between 13/04/2013 and 22/03/2022	Duncan Halpin; Mr James Hughes; Mr Kevin Smith; Steven Davies; Kevin J Smith; Neil Hughes	2; 4; 1; 3		Sydallt;Llay Pool	BirdTrack	D1297/025/01 , D1297/049/01 , D1297/050/01 , D1297/047/01	BDir2.2, LBAP-C, LBAP-G, UKBA, WBA	PC, UA
<i>Hirundo rustica</i> (Swallow / Gwennol)	SJ3256	2009	Anon					D1779/001/02	Bern2, LBAP-A, LBAP-C, LBAP-G, WBA	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Hirundo rustica</i> (Swallow / Gwennol)	SJ3357	2 records, between 2009 and 26/04/2009	Anon; Jason Newton	5	Reported to recorder	Llay, far N	Activity: H. Survey: Observer data	D1779/001/02 , D0062/008/01	Bern2, LBAP-A, LBAP-C, LBAP-G, WBA	NA
<i>Hirundo rustica</i> (Swallow / Gwennol)	SJ3155 (Approximate)	23 records, between 16/05/2009 and 12/04/2022	Jason Newton; Steven Davies; Mr James Hughes; Mr Steven Davies; Mr Kevin Smith; Mr James Andrewes; Neil Hughes; Duncan Halpin; Kevin J Smith	2; 1; 20+; 5; 4+; 2+; 3; 4; 24+	Reported to recorder	Sydallt, Gwersyllt, Alyn Waters CP, NW; Sydallt; Llay Pool	Activity: H. Survey: Observer data; Birdtrack.. Activity: F; BirdTrack	D0062/008/01 , D1297/025/01 , D1297/040/01 , D1297/047/01 , D1297/039/01 , D1297/049/01 , D1297/050/01	Bern2, LBAP-A, LBAP-C, LBAP-G, WBA	NA, PC, UA
<i>Hirundo rustica</i> (Swallow / Gwennol)	SJ3255	18/07/2009	Jason Newton	2	Reported to recorder	Llay, W	Activity: H. Survey: Observer data	D0062/008/01	Bern2, LBAP-A, LBAP-C, LBAP-G, WBA	NA
<i>Hirundo rustica</i> (Swallow / Gwennol)	SJ3356 (Approximate)	18/09/2022	Mr James Hughes	4+		Llay		D1297/050/01	Bern2, LBAP-A, LBAP-C, LBAP-G, WBA	UA
<i>Larus canus</i> (Common Gull / Gwylan y Gweunydd)	SJ3155 (Approximate)	24 records, between 10/11/2010 and 18/03/2022	Steven Davies; Mr Duncan Halpin; Mr Trevor Taylor; Mr Steven Davies; Mr James Hughes; Kevin J Smith; Duncan Halpin; Mr Kevin Smith	2; 3; 1; 20+; 70; 100; 15+; 10; c20; 4; 37; 10+		Sydallt; Llay pools, Clwyd; Llay Pool	Birdtrack.. Activity: F; Bird Track; BirdTrack	D1297/025/01 , D1297/040/01 , D1297/047/01 , D1297/039/01 , D1297/050/01 , D1297/049/01	BDir2.2, UKBA, WBR	PC, UA
<i>Larus fuscus</i> (Lesser Black-backed Gull / Gwylan Gefnddu Leiaf)	SJ3155 (Approximate)	15 records, between 18/05/2009 and 16/03/2022	Jason Newton; Mr Steven Davies; Steven Davies; Duncan Halpin; Mr James Hughes; Mr Duncan Halpin	1; 2; 3	Reported to recorder	Sydallt, Gwersyllt, Alyn Waters CP, NW; Llay Pool; Sydallt	Survey: Observer data; BirdTrack. Activity: F; BirdTrack	D0062/008/01 , D1297/040/01 , D1297/025/01 , D1297/039/01 , D1297/049/01 , D1297/050/01 , D1297/047/01	BDir2.2, LBAP-C, LBAP-E, LBAP-G, RL-DD, UKBA, WBA	NA, PC, UA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Larus fuscus</i> (Lesser Black-backed Gull / Gwylan Gefnddu Leiaf)	SJ3255	16/05/2009	Jason Newton	1	Reported to recorder	Llay, W	Survey: Observer data	D0062/008/01	BDir2.2, LBAP-C, LBAP-E, LBAP-G, RL-DD, UKBA, WBA	NA
<i>Larus fuscus</i> (Lesser Black-backed Gull / Gwylan Gefnddu Leiaf)	SJ3356	24/03/2018	Trevor B Taylor			Llay, N		D1297/025/01	BDir2.2, LBAP-C, LBAP-E, LBAP-G, RL-DD, UKBA, WBA	PC
<i>Limonia trivittata</i>	SJ3156	31/07/1972	Stubbs, A.E.			Cefn-y-Dredd	CCW REFERENCE: Rees J. (1983). Occurrence ID: 126944	D1078/001/02	RDB-N	NA
<i>Lonicera xylosteum</i> (Fly Honeysuckle / Gwyddfid Syth)	SJ3256	10/11/2015	Williams, D. & Stead, M.O.			Llay Industrial Estate	Llay Reservoir	D1169/004/04	RDB-NR	NA
<i>Mareca penelope</i> (Wigeon / Chwiwell)	SJ35 (Approximate)	2 records, between 16/03/2013 and 01/01/2021	Steven Davies; Mr Kevin Smith	2; 1		-Withheld-	-Withheld-	D1297/025/01 , D1297/047/01	BDir2.1, Bonn2, CITES-C, GBNN SIP, LBAP-C, LBAP-G, RL-NT, UKBA, WBA	PC, UA
<i>Mareca strepera</i> (Gadwall / Hwyaden Lwyd)	SJ3155 (Approximate)	10 records, between 16/03/2013 and 22/03/2022	Steven Davies; Mr Kevin Smith; Kevin J Smith; Duncan Halpin	2; 1; 3		Sydallt; Llay Pool	BirdTrack; BirdTrack. Activity: P	D1297/025/01 , D1297/049/01 , D1297/050/01	BDir2.1, Bonn2, GBNN SIP, LBAP-C, LBAP-G, UKBA, WBA	PC, UA
<i>Meconopsis cambrica</i> (Welsh Poppy / Pabi Cymreig)	SJ3356	19/04/2022	Jonathan D Shanklin			Llay Industrial Estate East		D1169/004/04	LBAP-C, LBAP-D, LI-VP-48[LS], LI-VP-49[LS], RDB-NS	NA
<i>Molophilus corniger</i>	SJ3156	31/07/1972	Stubbs, A.E.			Cefn-y-Dredd	CCW REFERENCE: Rees J. (1983). Occurrence ID: 115959	D1078/001/02	LBAP-C, RDB-N	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Motacilla cinerea</i> (Grey Wagtail / Siglen lwyd)	SJ3155 (Approximate)	4 records, between 29/04/2008 and 03/05/2021	Kevin J Smith; Mr Steven Davies; Steven Davies; Duncan Halpin	1	Reported to recorder	Sydallt;Llay Pool	Survey: Observer data; Birdtrack;; BirdTrack	D0062/008/01 , D1297/047/01 , D1297/025/01	Bern2, LBAP-C, LBAP-T, RL-NT, UKBA	NA, UA, PC
<i>Nymphoides peltata</i> (Fringed Water-lily / Lili'r-Dwr Eddiog)	SJ3256	10/11/2015	Williams, D. & Stead, M.O.			Llay Industrial Estate	Llay Reservoir	D1169/004/04	RDB-NS	NA
<i>Periparus ater</i> (Coal Tit / Titw Penddu)	SJ3355	24/01/2009 to 25/01/2009	Anon				Occurrence ID: NBN-GA000656- BGBW2009- 16445186- 106179580	D1852/002/01	Bern2, LBAP-C, WBA	PC
<i>Periparus ater</i> (Coal Tit / Titw Penddu)	SJ3257	2 records, between 2009 and 25/01/2009	Anon				Occurrence ID: NBN-GA000656- BGBW2009- 16444167- 106166841	D1852/002/01 , D1779/001/02	Bern2, LBAP-C, WBA	PC, NA
<i>Periparus ater</i> (Coal Tit / Titw Penddu)	SJ3156	24/01/2009 to 25/01/2009	Anon				Occurrence ID: NBN-GA000656- BGBW2009- 16443536- 106166922	D1852/002/01	Bern2, LBAP-C, WBA	PC
<i>Periparus ater</i> (Coal Tit / Titw Penddu)	SJ3155	24/01/2009 to 25/01/2009	Anon				Occurrence ID: NBN-GA000656- BGBW2009- 16443535- 106166633	D1852/002/01	Bern2, LBAP-C, WBA	PC
<i>Phalacrocorax carbo</i> (Cormorant / Mulfran)	SJ3155 (Approximate)	9 records, between 16/03/2013 and 07/11/2021	Mr Duncan Halpin; Mr Trevor Taylor; Steven Davies; Duncan Halpin; Kevin J Smith; Mr Steven Davies	1; 2; 3		Sydallt;Llay pools, Clwyd;Llay Pool	BirdTrack	D1297/040/01 , D1297/047/01 , D1297/039/01 , D1297/025/01	LBAP-C, LBAP-G, RL-NT, WBA	PC, UA
<i>Phylloscopus trochilus</i> (Willow Warbler / Telor yr Helyg)	SJ325566 (Supplied by Original Recorder (Centroid of Site))	18/05/2019	Richard Birch	1	Live Sighting	North Wales Eastern Command and Custody Facility, Llay	Singing	D1873/001/02	LBAP-C, UKBA, WBR	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Phylloscopus trochilus</i> (Willow Warbler / Telor yr Helyg)	SJ317556	22/04/2006	Kevin J Smith	1	Reported to recorder	Llay Pool	Survey: Observer data	D0062/008/01	LBAP-C, UKBA, WBR	NA
<i>Phylloscopus trochilus</i> (Willow Warbler / Telor yr Helyg)	SJ3357	26/04/2009	Jason Newton	1	Reported to recorder	Llay, far N	Activity: S. Survey: Observer data	D0062/008/01	LBAP-C, UKBA, WBR	NA
<i>Phylloscopus trochilus</i> (Willow Warbler / Telor yr Helyg)	SJ3155 (Approximate)	9 records, between 09/04/2009 and 12/04/2022	Kevin J Smith; Steven Davies; Mr Kevin Smith	1	Reported to recorder	Sydallt; Llay Pool	Activity: S. Survey: Observer data; BirdTrack; Breeding details: Singing male (S)	D0062/008/01 , D1297/025/01 , D1297/049/01 , D1297/050/01 , D1297/047/01	LBAP-C, UKBA, WBR	NA, PC, UA
<i>Phylloscopus trochilus</i> (Willow Warbler / Telor yr Helyg)	SJ3256	04/05/2016	Emma Broad			Llay, NW	BirdTrack	D1297/025/01	LBAP-C, UKBA, WBR	PC
<i>Phylloscopus trochilus</i> (Willow Warbler / Telor yr Helyg)	SJ3255	06/05/2017	Kevin J Smith	1		Llay, W	BirdTrack	D1297/025/01	LBAP-C, UKBA, WBR	PC
<i>Phylloscopus trochilus</i> (Willow Warbler / Telor yr Helyg)	SJ323561	04/05/2016	Miss E Broad			Llay tip		D1297/021/01	LBAP-C, UKBA, WBR	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Picus viridis</i> (Green Woodpecker / Cnocell Werdd)	SJ3155 (Approximate)	27 records, between 14/12/2005 and 14/04/2022	Kevin J Smith; John Lawton Roberts; Steven Davies; Mr Steven Davies; Justin B Williams; Mr Kevin Smith; Neil Hughes; Mark T Breaks; J Martin Jones; Jon A Lowes; Duncan Halpin; Mr Duncan Halpin	1; 2	Reported to recorder	Sydallt;Llay Pool	Calling. Survey: Observer data; calling. Survey: Observer data; Survey: Observer data; Activity: H. Survey: Observer data; Birdtrack: Activity: H; Activity: 1 Heard only; 1 Heard only; BirdTrack; Birdtrack. Heard only	D0062/008/01 , D1297/025/01 , D1297/039/01 , D1297/040/01 , D1297/049/01 , D1297/047/01	Bern2, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-G, WBA	NA, PC
<i>Picus viridis</i> (Green Woodpecker / Cnocell Werdd)	SJ3255	4 records, between 06/09/2014 and 14/11/2019	Steven Davies; Dr Anne Brenchley	1		Llay, W;SJ3255 Alyn Waters CP Llay side N	BirdTrack	D1297/025/01 , D1297/026/01	Bern2, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-G, WBA	PC
<i>Picus viridis</i> (Green Woodpecker / Cnocell Werdd)	SJ322552	07/05/2022	Recorder Name withheld (obsr1392801)	1		Park Road, Llay, Wales		D0346/006/01	Bern2, LBAP-C, LBAP-D, LBAP-E, LBAP-F, LBAP-G, WBA	PC
<i>Pilaria fuscipennis</i>	SJ3156	31/07/1972	Stubbs, A.E.			Cefn-y-Dredd	Occurrence ID: 115033	D1078/001/02	RDB-N	NA
<i>Pinus sylvestris</i> (Scots Pine / Pinwydden yr Alban)	SJ3155	23/10/2019	Jonathan D Shanklin	Established		Cefn-y-bedd	In grounds of derelict workshop	D1587/031/01	RDB-NS	KC
<i>Pinus sylvestris</i> (Scots Pine / Pinwydden yr Alban)	SJ3355	26/12/2022	Jonathan D Shanklin			Llay		D1169/004/04	RDB-NS	NA
<i>Podiceps cristatus</i> (Great Crested Grebe / Gwyach Fawr Gopog)	SJ3155 (Approximate)	40 records, between 05/05/2008 and 18/03/2022	Kevin J Smith; Mr Trevor Taylor; Mr Steven Davies; Mr Kevin Smith; Steven Davies; Neil Hughes; Mr James Hughes; Mark T Breaks; Duncan Halpin; Mr Duncan Halpin	2 Pair; 2; 1; 3	Reported to recorder	Sydallt;Llay pools, Clwyd;Llay Pool	pair. Survey: Observer data; Breeding details: Recently fledged (FL); Bird Track; BirdTrack; Birdtrack. No sign on 04/05/2013 when water level lower. Activity: B; Breeding details: Pair in suitable habitat (P)	D0062/008/01 , D1297/047/01 , D1297/025/01 , D1297/049/01 , D1297/050/01	LBAP-C, RL-VU	NA, UA, PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Regulus regulus</i> (Goldcrest / Dryw Eurben)	SJ3155 (Approximate)	2 records, both on 13/03/2021	Mr Trevor Taylor; Mr James Hughes	2		Llay pools, Clwyd;Sydallt		D1297/047/01	Bern2, LBAP-C, WBA	UA
<i>Riparia riparia</i> (Sand Martin / Gwennol y Glennydd)	SJ3155 (Approximate)	16 records, between 09/04/2010 and 12/04/2022	Kevin J Smith; Neil Hughes; Duncan Halpin; Steven Davies; Mr Kevin Smith; Mr Steven Davies; Mr James Hughes	2; 6; 10; 14; 3; 20; 1; 10+; 2+	Reported to recorder	Sydallt;Llay Pool	Llay Pool. Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01 , D1297/049/01 , D1297/050/01 , D1297/047/01	Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, WBA	NA, PC, UA
<i>Riparia riparia</i> (Sand Martin / Gwennol y Glennydd)	SJ3357	26/04/2009	Jason Newton	2	Reported to recorder	Llay, far N	Activity: H. Survey: Observer data	D0062/008/01	Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, WBA	NA
<i>Scolopax rusticola</i> (Woodcock / Cyffrylog)	SJ323554 (Estimated (Centroid of Site))	~ 2005	BASC Recorder (15534803-1)				Shoot Size Range: 0-3km	D0132/001/02	BDir2.1, Bonn2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, UKBR, WBA	PC
<i>Sedum forsterianum</i> (Rock Stonecrop / Briweg Gymreig)	SJ3365607	19/04/2022	Jonathan D Shanklin			Llay Industrial Estate East	Garden escape	D1169/004/04	LBAP-C, LI-VP- 48[LNS], LI-VP- 49[LR], LI-VP- 50[LS], LI-VP- 51[LS], RDB-NS	NA
<i>Silene vulgaris</i> (Bladder Campion / Gludlys Codrwrth)	SJ321553	22/08/2014	Formstone, J.B.			Alyn Waters Country Park	Alyn Waters Llay (West)	D1169/004/04	WRL-VP[NT]	NA
<i>Silene vulgaris</i> (Bladder Campion / Gludlys Codrwrth)	SJ3155	18/05/2014	Stead, M.O.			Sydallt		D1169/004/04	WRL-VP[NT]	NA
<i>Sinapis arvensis</i> (Charlock / Mwstard Gwyllt)	SJ325566 (Supplied by Original Recorder (Centroid of Site))	18/05/2019	M. Steadman			North Wales Eastern Command and Custody Facility, Llay		D1873/001/02	GBNNSIP, WRL- VP[VU]	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Sinapis arvensis</i> (Charlock / Mwstard Gwyllt)	SJ3256	18/05/2019	Stead, M.O.			Llay Industrial Estate	Police Headquarters	D1169/004/04	GBNNSIP, WRL-VP[VU]	NA
<i>Spatula clypeata</i> (Shoveler / Hwyaden Lydanbig)	SJ3155 (Approximate)	29 records, between 21/02/2014 and 22/03/2022	Mr Duncan Halpin; Mr Trevor Taylor; Duncan Halpin; Neil Hughes; Mr James Hughes; Mr Kevin Smith; Mark T Breaks; Steven Davies; Kevin J Smith; Mr Steven Davies; Mr Nick French	6; 2; 1; 3; 10; 13; 4		Sydallt; Llay pools, Clwyd; Llay Pool	BirdTrack; Birdtrack. male; Birdtrack. Male	D1297/040/01 , D1297/047/01 , D1297/039/01 , D1297/025/01 , D1297/049/01 , D1297/050/01	BDir2.1, Bonn2, CITES-C, LBAP-A, LBAP-C, LBAP-G, UKBA, WBA	PC, UA
<i>Streptopelia decaocto</i> (Collared Dove / Turtur Dorchog)	SJ3355	24/01/2009 to 25/01/2009	Anon				Occurrence ID: NBN-GA000656-BGBW2009-16445334-106179691	D1852/002/01	BDir2.2, GBNNSIP, RL-NT	PC
<i>Streptopelia decaocto</i> (Collared Dove / Turtur Dorchog)	SJ3257	2 records, between 2009 and 25/01/2009	Anon				Occurrence ID: NBN-GA000656-BGBW2009-16444167-106166842	D1852/002/01 , D1779/001/02	BDir2.2, GBNNSIP, RL-NT	PC, NA
<i>Streptopelia decaocto</i> (Collared Dove / Turtur Dorchog)	SJ3156	24/01/2009 to 25/01/2009	Anon				Occurrence ID: NBN-GA000656-BGBW2009-16443398-106166472	D1852/002/01	BDir2.2, GBNNSIP, RL-NT	PC
<i>Streptopelia decaocto</i> (Collared Dove / Turtur Dorchog)	SJ3356	2 records, between 24/01/2009 and 24/03/2018	Anon; Trevor B Taylor	3		Llay, N	Occurrence ID: NBN-GA000656-BGBW2009-16445335-106179576	D1852/002/01 , D1297/025/01	BDir2.2, GBNNSIP, RL-NT	PC
<i>Streptopelia decaocto</i> (Collared Dove / Turtur Dorchog)	SJ3155 (Approximate)	8 records, between 16/05/2009 and 10/04/2022	Jason Newton; Steven Davies; Mr James Andrewes; Mr Steven Davies	1	Reported to recorder	Sydallt, Gwersyllt, Alyn Waters CP, NW; Sydallt; Llay Pool	Activity: H. Survey: Observer data; Birdtrack.: Activity: H; BirdTrack	D0062/008/01 , D1297/025/01 , D1297/039/01 , D1297/049/01 , D1297/050/01	BDir2.2, GBNNSIP, RL-NT	NA, PC, UA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Streptopelia decaocto</i> (Collared Dove / Turtur Dorchog)	SJ3357	26/04/2009	Jason Newton	3	Reported to recorder	Llay, far N	Activity: H. Survey: Observer data	D0062/008/01	BDir2.2, GBNNSIP, RL-NT	NA
<i>Sympetrum striolatum</i> (Common Darter / Gwäell Gyffredin)	SJ325566	30/07/2019	Liz Bryan			North Wales Eastern Command and Custody Facility, Llay		D1873/001/02	LBAP-E, RL-DD	PC
<i>Sympetrum striolatum</i> (Common Darter / Gwäell Gyffredin)	SJ325565	3 records, between 11/06/2022 and 21/07/2023	Brian Comer	5; 1; 10+		Llay Custody; Llay custody; Llay custody suite	In grass by edge of pond 1, wings still looked soft	D1873/001/02	LBAP-E, RL-DD	KC
<i>Sympetrum striolatum</i> (Common Darter / Gwäell Gyffredin)	SJ324565	18/10/2022	Brian Comer	10 + Adult		Llay custody		D1873/001/02	LBAP-E, RL-DD	KC
<i>Sympetrum striolatum</i> (Common Darter / Gwäell Gyffredin)	SJ32235539	25/07/2019	A. Grayson	1 Adult Male		Llay Bog (basin mire and bog woodland)		D1295/001/05	LBAP-E, RL-DD	NA
<i>Tadorna tadorna</i> (Shelduck / Hwyaaden yr Eithin)	SJ3155	04/05/2013	Steven Davies	2		Sydallt	BirdTrack. Activity: P	D1297/025/01	Bern2, Bonn2, LBAP-C, LBAP-G, RL-EN, UKBA, WBA	PC
<i>Tipula holoptera</i>	SJ323554	14/10/1994	Alan Stubbs			Llay Bog		D0217/001/04	RDB-N	NA
<i>Tipula holoptera</i>	SJ3255	14/10/1994	Stubbs, A.E.			Llay Bog	Occurrence ID: 129226	D1078/001/02	RDB-N	NA
<i>Tringa totanus</i> (Redshank / Pibydd Coesgoch)	SJ3155 (Approximate)	6 records, between 01/04/2021 and 24/05/2021	Mr Trevor Taylor; Mr Steven Davies; Mr Kevin Smith; Mr James Hughes	1; 2		Llay pools, Clwyd; Llay Pool; Sydallt	Breeding details: Singing male (S); Breeding details: Pair in suitable habitat (P)	D1297/047/01	BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-G, RL-NT, RL-VU, UKBA, WBA	UA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Trochosa spinipalpis</i>	SJ323554 (Supplied by Original Recorder)	10/05/2007	Bryan Formstone			Llay Bog	In Sphagnum moss. Photographed	D1275/001/01	RDB-NS	PC
<i>Trochosa spinipalpis</i>	SJ322554	3 records, between 10/05/2007 and 15/09/2014	Bryan Formstone; J B Formstone	1 Adult; 1 Adult		Llay Bog	In Sphagnum Moss. Method: Hand searching; In Sphagnum. Hand searching; In Sphagnum Moss. Hand searching	D1275/002/01 , D1201/001/02	RDB-NS	PC, NA
<i>Troglodytes troglodytes</i> (Wren / Dryw)	SJ3257	3 records, between 2009 and 26/04/2009	Anon; Jason Newton	1	Reported to recorder	Caer Estyn, Caer-Estyn	Occurrence ID: NBN-GA000656-BGBW2009-16444167-106813740; Activity: S. Survey: Observer data	D1852/002/01 , D1779/001/02 , D0062/008/01	Bern2, UKBA	PC, NA
<i>Troglodytes troglodytes</i> (Wren / Dryw)	SJ3156	24/01/2009 to 25/01/2009	Anon				Occurrence ID: NBN-GA000656-BGBW2009-16443398-106813616	D1852/002/01	Bern2, UKBA	PC
<i>Troglodytes troglodytes</i> (Wren / Dryw)	SJ3256	2009	Anon					D1779/001/02	Bern2, UKBA	NA
<i>Troglodytes troglodytes</i> (Wren / Dryw)	SJ3357	2 records, between 2009 and 26/04/2009	Anon; Jason Newton	3	Reported to recorder	Llay, far N	Activity: S. Survey: Observer data	D1779/001/02 , D0062/008/01	Bern2, UKBA	NA
<i>Troglodytes troglodytes</i> (Wren / Dryw)	SJ3155 (Approximate)	27 records, between 16/05/2009 and 21/06/2022	Jason Newton; Steven Davies; Mr Duncan Halpin; Mr Trevor Taylor; Mr James Andrewes; Duncan Halpin; Mr James Hughes	1; 2; 4	Reported to recorder	Sydallt, Gwersyllt, Alyn Waters CP, NW;Sydallt;Llay Pool;Llay pools, Clwyd	Activity: S. Survey: Observer data; Birdtrack.. Activity: H; BirdTrack	D0062/008/01 , D1297/025/01 , D1297/040/01 , D1297/047/01 , D1297/039/01 , D1297/049/01 , D1297/050/01	Bern2, UKBA	NA, PC, UA
<i>Troglodytes troglodytes</i> (Wren / Dryw)	SJ3255 (Approximate)	4 records, between 18/07/2009 and 11/04/2021	Jason Newton; Dr Anne Brenchley; Mr Steven Davies	1	Reported to recorder	Llay, W;SJ3255 Alyn Waters CP Llay side N	Activity: S. Survey: Observer data; Breeding status: S	D0062/008/01 , D1297/026/01 , D1297/047/01	Bern2, UKBA	NA, PC, UA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Troglodytes troglodytes</i> (Wren / Dryw)	SJ324560	04/02/2008	Amber Flewitt	1		1 Bramble Court, Llay, Wrexham	Record submitted to rECOrd on Wildlife Watcher's Diary postcard. Grid reference obtained from postcode using online converter. 1 or 2 birds seen.	D1117/001/01	Bern2, UKBA	PC
<i>Turdus viscivorus</i> (Mistle Thrush / Brych y Coed)	SJ3155 (Approximate)	21 records, between 16/05/2009 and 10/04/2022	Jason Newton; Mr Steven Davies; Duncan Halpin; Steven Davies; Mr James Andrewes; Mr James Hughes; Mr Trevor Taylor	1 Male; 3; 1; 2	Reported to recorder	Sydallt, Gwersyllt, Alyn Waters CP, NW;Llay Pool;Sydallt;Llay pools, Clwyd	Activity: H. Survey: Observer data; BirdTrack; Bird Track; Birdtrack:	D0062/008/01 , D1297/040/01 , D1297/025/01 , D1297/039/01 , D1297/049/01 , D1297/050/01 , D1297/047/01	BDir2.2, RL-VU, UKBR	NA, PC, UA
<i>Turdus viscivorus</i> (Mistle Thrush / Brych y Coed)	SJ3255	27/06/2019	Dr Anne Brenchley			SJ3255 Alyn Waters CP Llay side N		D1297/026/01	BDir2.2, RL-VU, UKBR	PC

Category 3 Species										
Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Acer campestre</i> (Field Maple / Masarnen Fach)	SJ325566 (Supplied by Original Recorder (Centroid of Site))	18/05/2019	M. Steadman			North Wales Eastern Command and Custody Facility, Llay		D1873/001/02	LI-VP-48[LS], LI- VP-49[LS]	PC
<i>Acer campestre</i> (Field Maple / Masarnen Fach)	SJ3257	19/04/2022	Jonathan D Shanklin			Gwern Estyn		D1587/044/01	LI-VP-48[LS], LI- VP-49[LS]	PC
<i>Acer campestre</i> (Field Maple / Masarnen Fach)	SJ3155	18/05/2014	Stead, M.O.			Sydallt		D1169/004/04	LI-VP-48[LS], LI- VP-49[LS]	NA
<i>Acer campestre</i> (Field Maple / Masarnen Fach)	SJ3256	2 records, between 10/11/2015 and 18/05/2019	Stead, M.O.; Williams, D. & Stead, M.O.			Llay Industrial Estate	Police Headquarters	D1169/004/04	LI-VP-48[LS], LI- VP-49[LS]	NA
<i>Acer campestre</i> (Field Maple / Masarnen Fach)	SJ3356	19/04/2022	Jonathan D Shanklin			Llay Industrial Estate East		D1169/004/04	LI-VP-48[LS], LI- VP-49[LS]	NA
<i>Aeshna cyanea</i> (Southern Hawker / Gwas Neidr y De)	SJ32235539	25/07/2019	A. Grayson	1 Adult Male		Llay Bog (basin mire and bog woodland)		D1295/001/05	LBAP-E	NA
<i>Aeshna grandis</i> (Brown Hawker / Gwas Neidr Brown)	SJ325566	3 records, between 26/07/2019 and 06/08/2019	B. Comer; L. Bryan; R. Birch; Brian Comer; Richard Birch		Live Sighting	North Wales Eastern Command and Custody Facility, Llay	List for August 2019	D1873/001/02	LBAP-E, LBAP-G	PC
<i>Aeshna grandis</i> (Brown Hawker / Gwas Neidr Brown)	SJ327568 (Estimated (Centroid of Site))	2 records, both on 04/08/1990	Weldrick, Julian C; Julian C. Weldrick	2-5 Adult	Field record	Rubery Owen Pond	Phase One Habitat Code: G1	D0158/003/01 , D1295/001/05	LBAP-E, LBAP-G	PC, NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Aeshna grandis</i> (Brown Hawker / Gwas Neidr Brown)	SJ325565	2 records, between 25/08/2023 and 28/08/2023	Brian Comer	1 Ovipositing female; 2 Adult		Llay custody	I think its the Brown Hawker; two were over pond 1 -	D1873/001/02	LBAP-E, LBAP-G	KC
<i>Aethusa cynapium</i> (Fool's Parsley / Geuberllys)	SJ325566 (Supplied by Original Recorder (Centroid of Site))	18/05/2019	M. Steadman			North Wales Eastern Command and Custody Facility, Llay		D1873/001/02	LI-VP-48[LR]	PC
<i>Aethusa cynapium</i> (Fool's Parsley / Geuberllys)	SJ3256	2 records, between 10/11/2015 and 18/05/2019	Stead, M.O.; Williams, D. & Stead, M.O.			Llay Industrial Estate	Police Headquarters; Llay Reservoir	D1169/004/04	LI-VP-48[LR]	NA
<i>Aethusa cynapium</i> (Fool's Parsley / Geuberllys)	SJ3357	25/10/2021	Jonathan D Shanklin			Rackery		D1169/004/04	LI-VP-48[LR]	NA
<i>Agrostis gigantea</i> (Black Bent / Maeswellt Mawr)	SJ3357	25/10/2021	Jonathan D Shanklin			Rackery		D1169/004/04	GBNNSIP, LI-VP- 48[LS], LI-VP- 50[LNS]	NA
<i>Anax imperator</i> (Emperor Dragonfly / Ymerawdwr)	SJ325566 (Supplied by Original Recorder (Centroid of Site))	09/07/2019	Liz Bryan	Adult	Live Sighting	North Wales Eastern Command and Custody Facility, Llay	Confirmed RB (Image)	D1873/001/02	LBAP-E	PC
<i>Anax imperator</i> (Emperor Dragonfly / Ymerawdwr)	SJ325565	3 records, between 02/06/2022 and 04/06/2023	Brian Comer	6+ Adult Male; 4+ Adult Male; 2		Pond 2 Llay custody;llay custody;Llay Custody	Was flying patrols and duelling with Broad bodied Chasers. Would not settle	D1873/001/02	LBAP-E	KC
<i>Arctium lappa</i> (Greater Burdock / Cyngaf Mawr)	SJ3355	26/12/2022	Jonathan D Shanklin			Alyn Waters Country Park		D1169/004/04	GBNNSIP, LI-VP- 50[LNS], LI-VP- 51[LS]	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Arenaria serpyllifolia</i> (Thyme-leaved Sandwort / Tywodlys Dail Teim)	SJ324551	14/08/2021	Williams, D.			Alyn Waters Country Park	Short turf at side of path	D1169/004/04	LI-VP-50[LNS]	NA
<i>Athene noctua</i> (Little Owl / Tylluan Fach)	SJ3155	27/06/2011	John Lawton Roberts	1 Adult	Reported to recorder	Sydallt	Survey: Observer data	D0062/008/01	Bern2, CITES-A, GBNNSIP, LBAP-C	NA
<i>Athene noctua</i> (Little Owl / Tylluan Fach)	SJ3255	24/06/2016	John Lawton Roberts	1	Reported to recorder	Llay, W	Apparently an adult. Activity reported by resident. Activity: H. Survey: Observer data	D0062/008/01	Bern2, CITES-A, GBNNSIP, LBAP-C	NA
<i>Aulacomnium androgynum</i> (Bud-headed Groove-moss)	SJ3255	1950 to 1988	Hill, M.O.			-Withheld-	-Withheld-	D1075/001/06	LI-BR-48[LR], LI-BR-49[LR]	NA
<i>Barbarea vulgaris</i> (Winter-cress / Berwr y Gaeaf)	SJ325566 (Supplied by Original Recorder (Centroid of Site))	18/05/2019	M. Steadman			North Wales Eastern Command and Custody Facility, Llay		D1873/001/02	LI-VP-48[LS]	PC
<i>Barbarea vulgaris</i> (Winter-cress / Berwr y Gaeaf)	SJ3155	2 records, between 18/05/2014 and 23/10/2019	Jonathan D Shanklin; Stead, M.O.			Cefn-y-bedd;Sydallt		D1587/031/01 , D1169/004/04	LI-VP-48[LS]	KC, NA
<i>Barbarea vulgaris</i> (Winter-cress / Berwr y Gaeaf)	SJ3256	18/05/2019	Stead, M.O.			Llay Industrial Estate	Police Headquarters	D1169/004/04	LI-VP-48[LS]	NA
<i>Bidens cernua</i> (Nodding Bur-marigold / Graban Gogwydd)	SJ322554	22/08/2014	Formstone, J.B.			Alyn Waters Country Park	Llay Bog	D1169/004/04	LBAP-G, LI-VP-48[LR], LI-VP-49[LR], LI-VP-51[LR]	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Blackstonia perfoliata</i> (Yellow-wort / Y Ganrhi Felen)	SJ325566 (Supplied by Original Recorder (Centroid of Site); Estimated (Centroid of Site))	2 records, between June 2013 and 18/05/2019	M. Steadman; Richard Birch			North Wales Eastern Command and Custody Facility, Llay; Llay Industrial Estate, Wrexham, LL12 0PG		D1873/001/02 , D1873/003/01	LBAP-G, LI-VP-48[LR], LI-VP-49[LS], LI-VP-52[LS]	PC
<i>Blackstonia perfoliata</i> (Yellow-wort / Y Ganrhi Felen)	SJ3256	2 records, between 10/11/2015 and 18/05/2019	Williams, D. & Stead, M.O.; Stead, M.O.			Llay Industrial Estate	Police Headquarters	D1169/004/04	LBAP-G, LI-VP-48[LR], LI-VP-49[LS], LI-VP-52[LS]	NA
<i>Bombus hortorum</i> (Small Garden Bumblebee)	SJ325566 (Supplied by Original Recorder (Centroid of Site))	18/05/2019	Bryan Formstone	1f	Live Sighting	North Wales Eastern Command and Custody Facility, Llay	Observed	D1873/001/02	LBAP-F	PC
<i>Bombus lapidarius</i> (Red-tailed Bumblebee)	SJ325553	06/08/1994	M. Edwards	1 Adult		Alyn waters Llay	Method: Netted	D1650/001/02	LBAP-F	NA
<i>Bombus lapidarius</i> (Red-tailed Bumblebee)	SJ328552	06/08/1994	Mike Edwards		Field record	Alyn Waters		D0217/001/04	LBAP-F	NA
<i>Bombus lucorum</i> (White-tailed Bumblebee)	SJ328552	06/08/1994	Mike Edwards		Field record	Alyn Waters		D0217/001/04	LBAP-F	NA
<i>Bombus pascuorum</i> (Common Carder Bee)	SJ325553	06/08/1994	M. Edwards	1 Adult		Alyn waters Llay	Method: Daytime observation	D1650/001/02	LBAP-F	NA
<i>Bombus pascuorum</i> (Common Carder Bee)	SJ328552	06/08/1994	Mike Edwards		Field record	Alyn Waters		D0217/001/04	LBAP-F	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Bombus pratorum</i> (Early Bumblebee)	SJ325566 (Supplied by Original Recorder (Centroid of Site))	18/05/2019	Bryan Formstone	1f	Live Sighting	North Wales Eastern Command and Custody Facility, Llay	Observed	D1873/001/02	LBAP-F	PC
<i>Bombus terrestris</i> (Buff-tailed Bumblebee)	SJ325553	06/08/1994	M.Edwards	1 Adult		Alyn waters Llay	Method: Netted	D1650/001/02	LBAP-F	NA
<i>Bombus terrestris</i> (Buff-tailed Bumblebee)	SJ328552	06/08/1994	Mike Edwards		Field record	Alyn Waters		D0217/001/04	LBAP-F	NA
<i>Brachythecium glareosum</i> (Streaky Feather-moss)	SJ3156	1970 to 1988	Hill, M.O.			-Withheld-	-Withheld-	D1075/001/06	LBAP-C, LI-BR-48[EX], LI-BR-49[LR], LI-BR-52[LR]	NA
<i>Bromopsis ramosa</i> (Hairy-brome / Pawrwellt Blewog)	SJ3155	29/09/2016	Stead, M.O.			Sydallt		D1169/004/04	LI-VP-48[LS]	NA
<i>Bromopsis ramosa</i> (Hairy-brome / Pawrwellt Blewog)	SJ3357	2 records, between 27/07/2014 and 25/10/2021	Jonathan D Shanklin; Shanklin, J.			Rackery		D1169/004/04	LI-VP-48[LS]	NA
<i>Buteo buteo</i> (Buzzard / Bwncath)	SJ3155 (Approximate)	57 records, between 30/04/2010 and 10/04/2022	Steven Davies; Duncan Halpin; Neil Hughes; Jack Davies; Ron Rees Davies; Ian M Spence; Mr Justin Williams; Mr Duncan Halpin; Mr Steven Davies; Kevin J Smith; Mr James Hughes	2; 1; 3; 6	Reported to recorder	Sydallt;Llay Pools;Llay Pool	BirdTrack. Activity: P; BirdTrack; Bird Track; Llay Pool. Survey: Observer data; Birdtrack.: Activity: H; Birdtrack:	D1297/025/01 , D1297/027/01 , D1297/039/01 , D0062/008/01 , D1297/049/01 , D1297/050/01 , D1297/040/01 , D1297/047/01	Bonn2, CITES-A, LBAP-C	PC, NA, UA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Buteo buteo</i> (Buzzard / Bwncath)	SJ3255	27/06/2019	Dr Anne Brenchley	1		SJ3255 Alyn Waters CP Llay side N		D1297/026/01	Bonn2, CITES-A, LBAP-C	PC
<i>Buteo buteo</i> (Buzzard / Bwncath)	SJ3156	20/10/2019	Mr Ian Spence	1		SJ3156 Cefn-y-bedd		D1297/027/01	Bonn2, CITES-A, LBAP-C	PC
<i>Buteo buteo</i> (Buzzard / Bwncath)	SJ317556	22/04/2006	Kevin J Smith	2	Reported to recorder	Llay Pool	Survey: Observer data	D0062/008/01	Bonn2, CITES-A, LBAP-C	NA
<i>Buteo buteo</i> (Buzzard / Bwncath)	SJ3357	26/04/2009	Jason Newton	2	Reported to recorder	Llay, far N	Activity: d. Survey: Observer data	D0062/008/01	Bonn2, CITES-A, LBAP-C	NA
<i>Buteo buteo</i> (Buzzard / Bwncath)	SJ3356	24/03/2018	Trevor B Taylor	2		Llay, N		D1297/025/01	Bonn2, CITES-A, LBAP-C	PC
<i>Cardamine amara</i> (Large Bitter-cress / Berwr Chwerw Mawr)	SJ3156	18/05/2014	Stead, M.O.			Cefn-y-bedd		D1169/004/04	LI-VP-48[LR], LI-VP-50[LNS], LI-VP-51[LS]	NA
<i>Carduelis carduelis</i> (Goldfinch / Nico)	SJ3155 (Approximate)	41 records, between 18/07/2009 and 21/06/2022	Steven Davies; Jack Davies; Duncan Halpin; Jason Newton; Mr Steven Davies; Mr Trevor Taylor; Mr Duncan Halpin; Mr James Andrewes	2; 1; 3; 11; 2+; c20	Reported to recorder	Sydallt;Sydallt, Gwersyllt, Alyn Waters CP, NW;Llay Pool;Llay pools, Clwyd	BirdTrack; Bird Track; BirdTrack. Activity: P; Activity: H. Survey: Observer data; Birdtrack.: Activity: H	D1297/025/01 , D0062/008/01 , D1297/049/01 , D1297/050/01 , D1297/039/01 , D1297/040/01 , D1297/047/01	Bern2, LBAP-A, LBAP-C	PC, NA, UA
<i>Carduelis carduelis</i> (Goldfinch / Nico)	SJ3255 (Approximate)	4 records, between 24/01/2009 and 11/04/2021	Dr Anne Brenchley; Anon; Mr Steven Davies	1		SJ3255 Alyn Waters CP Llay side N;Llay, W	Occurrence ID: NBN-GA000656-BGBW2009-16444792-106437587	D1297/026/01 , D1852/002/01 , D1297/047/01	Bern2, LBAP-A, LBAP-C	PC, UA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Carduelis carduelis</i> (Goldfinch / Nico)	SJ3355	24/01/2009 to 25/01/2009	Anon				Occurrence ID: NBN-GA000656-BGBW2009-16444960-106437574	D1852/002/01	Bern2, LBAP-A, LBAP-C	PC
<i>Carduelis carduelis</i> (Goldfinch / Nico)	SJ3257	2 records, between 2009 and 25/01/2009	Anon				Occurrence ID: NBN-GA000656-BGBW2009-16444167-106429941	D1852/002/01 , D1779/001/02	Bern2, LBAP-A, LBAP-C	PC, NA
<i>Carduelis carduelis</i> (Goldfinch / Nico)	SJ3357	26/04/2009	Jason Newton	4	Reported to recorder	Llay, far N	Activity: H. Survey: Observer data	D0062/008/01	Bern2, LBAP-A, LBAP-C	NA
<i>Carduelis carduelis</i> (Goldfinch / Nico)	SJ325565	20/07/2023	Brian Comer	2 Adult Male		Llay custody		D1873/001/02	Bern2, LBAP-A, LBAP-C	KC
<i>Carduelis carduelis</i> (Goldfinch / Nico)	SJ324565	23/12/2022	Brian Comer	6+		Llay custody	Were in grass until I disturbed them, They all flew to low branches of neighbouring trees	D1873/001/02	Bern2, LBAP-A, LBAP-C	UA
<i>Carex pendula</i> (Pendulous Sedge / Hesgen Bendrom)	SJ3156	18/05/2014	Stead, M.O.			Cefn-y-bedd		D1169/004/04	LI-VP-48	NA
<i>Carex pendula</i> (Pendulous Sedge / Hesgen Bendrom)	SJ3356	19/04/2022	Jonathan D Shanklin			Llay Industrial Estate East		D1169/004/04	LI-VP-48	NA
<i>Carex pendula</i> (Pendulous Sedge / Hesgen Bendrom)	SJ3355	26/12/2022	Jonathan D Shanklin			Llay		D1169/004/04	LI-VP-48	NA
<i>Carex rostrata</i> (Bottle Sedge / Hesgen Ylfinfain)	SJ322554	15/07/2015	Denbs Group (Williams, D.)			Alyn Waters Country Park	Llay Bog	D1169/004/04	LI-VP-51[LS]	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Cephalozia connivens</i> (Forcipated Pincerwort)	SJ3255	1950 to 1989	Hill, M.O.			-Withheld-	-Withheld-	D1075/001/06	LI-BR-51[LR], LI-BR-52[LR]	NA
<i>Certhia familiaris</i> (Treetreeper / Dringwr Bach)	SJ3155	05/05/2008	Kevin J Smith	2	Reported to recorder	Sydallt	Survey: Observer data	D0062/008/01	Bern2, LBAP-C	NA
<i>Certhia familiaris</i> (Treetreeper / Dringwr Bach)	SJ3255	18/07/2009	Jason Newton	1	Reported to recorder	Llay, W	Activity: H. Survey: Observer data	D0062/008/01	Bern2, LBAP-C	NA
<i>Chrysosplenium alternifolium</i> (Alternate-leaved Golden-saxifrage / Egllyn Bob Yn Eilddail)	SJ3156	18/05/2014	Stead, M.O.			Cefn-y-bedd		D1169/004/04	LI-VP-50[LS], LI-VP-51[LR]	NA
<i>Coenagrion puella</i> (Azure Damselfly / Mursen Las Asur)	SJ325565	2 records, between 23/05/2022 and 03/06/2023	Brian Comer	6 Copulating Pair; lots in grasses Adult Male		Pond 1 Llay custody; llay custody		D1873/001/02	LBAP-E	KC
<i>Convolvulus arvensis</i> (Field Bindweed / Cwlwm y Cythraul)	SJ3155	18/05/2014	Stead, M.O.			Sydallt		D1169/004/04	LI-VP-48	NA
<i>Convolvulus arvensis</i> (Field Bindweed / Cwlwm y Cythraul)	SJ31715579	18/05/2014	Stead, M.O.			Sydallt	beside pavement	D1169/004/04	LI-VP-48	NA
<i>Corvus corax</i> (Raven / Cigfran)	SJ3155 (Approximate)	4 records, between 22/07/2010 and 01/01/2021	Steven Davies; Mr Kevin Smith	2; 1		Sydallt; Llay Pool	Birdtrack:.. Activity: F; BirdTrack	D1297/025/01 , D1297/047/01	LBAP-C	PC, UA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Corvus corax</i> (Raven / Cigfran)	SJ3355	16/01/2009	Kevin J Smith	1	Reported to recorder	Llay	Survey: Observer data	D0062/008/01	LBAP-C	NA
<i>Cruciata laevipes</i> (Crosswort / Llysiau'r Groes)	SJ3257	2 records, between 05/02/2019 and 19/04/2022	Jonathan D Shanklin	Flowering		Gwern Estyn		D1587/027/01 , D1587/044/01	LBAP-G, LI-VP-49[LS], LI-VP-52[LS]	PC
<i>Cruciata laevipes</i> (Crosswort / Llysiau'r Groes)	SJ3155	18/05/2014	Stead, M.O.			Sydallt		D1169/004/04	LBAP-G, LI-VP-49[LS], LI-VP-52[LS]	NA
<i>Cruciata laevipes</i> (Crosswort / Llysiau'r Groes)	SJ3357	25/10/2021	Jonathan D Shanklin			Rackery		D1169/004/04	LBAP-G, LI-VP-49[LS], LI-VP-52[LS]	NA
<i>Curruca curruca</i> (Lesser Whitethroat / Llwydfron Fach)	SJ3155 (Approximate)	9 records, between 05/05/2008 and 28/04/2022	Steven Davies; Kevin J Smith; Mr James Andrewes; Neil Hughes; Jason Newton; Mr Kevin Smith	1; 1 Male	Reported to recorder	Sydallt; Llay Pool; Sydallt, Gwersyllt, Alyn Waters CP, NW	Birdtrack.: Activity: S; Llay Pool. Survey: Observer data; Survey: Observer data; Activity: H. Survey: Observer data	D1297/025/01 , D1297/039/01 , D0062/008/01 , D1297/049/01 , D1297/050/01	LBAP-C, LBAP-D, LBAP-F	PC, NA, UA
<i>Cyanistes caeruleus</i> (Blue Tit / Titw Tomos Las)	SJ3155 (Approximate)	48 records, between 24/01/2009 and 10/04/2022	Steven Davies; Alex Humphreys-Jones; Duncan Halpin; Justin B Williams; Mr Duncan Halpin; Mr James Andrewes; Mr Steven Davies; Anon; Mr Trevor Taylor	1; 3; 2; c4		Sydallt; Llay Pool; Llay pools, Clwyd	BirdTrack; Occurrence ID: NBN-GA000656-BGBW2009-16443535-105744415; Birdtrack.; BirdTrack. Activity: P	D1297/025/01 , D1297/039/01 , D1852/002/01 , D1297/049/01 , D1297/050/01 , D1297/040/01 , D1297/047/01	Bern2, LBAP-C	PC, UA
<i>Cyanistes caeruleus</i> (Blue Tit / Titw Tomos Las)	SJ3255 (Approximate)	5 records, between 24/01/2009 and 11/04/2021	Dr Anne Brenchley; Anon; Jason Newton; Mr Steven Davies	1 Juvenile; 2	Reported to recorder	SJ3255 Alyn Waters CP Llay side N; Llay, W	Breeding status: FL; Occurrence ID: NBN-GA000656-BGBW2009-16444792-105770779; Activity: FL. Survey: Observer data	D1297/026/01 , D1852/002/01 , D0062/008/01 , D1297/047/01	Bern2, LBAP-C	PC, NA, UA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Cyanistes caeruleus</i> (Blue Tit / Titw Tomos Las)	SJ3355	24/01/2009 to 25/01/2009	Anon				Occurrence ID: NBN-GA000656- BGBW2009- 16445186- 105771128	D1852/002/01	Bern2, LBAP-C	PC
<i>Cyanistes caeruleus</i> (Blue Tit / Titw Tomos Las)	SJ3156	24/01/2009 to 25/01/2009	Anon				Occurrence ID: NBN-GA000656- BGBW2009- 16443536- 105744976	D1852/002/01	Bern2, LBAP-C	PC
<i>Cyanistes caeruleus</i> (Blue Tit / Titw Tomos Las)	SJ3356	24/01/2009 to 25/01/2009	Anon				Occurrence ID: NBN-GA000656- BGBW2009- 16445187- 105770856	D1852/002/01	Bern2, LBAP-C	PC
<i>Cyanistes caeruleus</i> (Blue Tit / Titw Tomos Las)	SJ325566 (Supplied by Original Recorder (Centroid of Site))	18/05/2019	Richard Birch		Live Sighting	North Wales Eastern Command and Custody Facility, Llay		D1873/001/02	Bern2, LBAP-C	PC
<i>Cyanistes caeruleus</i> (Blue Tit / Titw Tomos Las)	SJ3256	2009	Anon					D1779/001/02	Bern2, LBAP-C	NA
<i>Cyanistes caeruleus</i> (Blue Tit / Titw Tomos Las)	SJ3257	2009	Anon					D1779/001/02	Bern2, LBAP-C	NA
<i>Cyanistes caeruleus</i> (Blue Tit / Titw Tomos Las)	SJ3357	2 records, between 2009 and 26/04/2009	Anon; Jason Newton	1	Reported to recorder	Llay, far N	Activity: H. Survey: Observer data	D1779/001/02 , D0062/008/01	Bern2, LBAP-C	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Cyanistes caeruleus</i> (Blue Tit / Titw Tomos Las)	SJ324560	04/02/2008	Amber Flewitt	2		1 Bramble Court, Llay, Wrexham	Record submitted to rECOrd on Wildlife Watcher's Diary postcard. Grid reference obtained from postcode using online converter.	D1117/001/01	Bern2, LBAP-C	PC
<i>Dactylorhiza fuchsii</i> (Common Spotted-orchid / Tegeirian Brych)	SJ325566 (Supplied by Original Recorder (Centroid of Site))	18/05/2019	M. Steadman			North Wales Eastern Command and Custody Facility, Llay		D1873/001/02	LI-VP-48	PC
<i>Dactylorhiza fuchsii</i> (Common Spotted-orchid / Tegeirian Brych)	SJ3256	2 records, between 10/11/2015 and 18/05/2019	Williams, D. & Stead, M.O.; Stead, M.O.			Llay Industrial Estate	Police Headquarters	D1169/004/04	LI-VP-48	NA
<i>Dactylorhiza fuchsii</i> (Common Spotted-orchid / Tegeirian Brych)	SJ322554	15/07/2015	Denbs Group (Williams, D.)			Alyn Waters Country Park	Llay Bog	D1169/004/04	LI-VP-48	NA
<i>Dendrocopos major</i> (Great Spotted Woodpecker / Cnocell Fraith Fwyaf)	SJ3155 (Approximate)	12 records, between 09/04/2010 and 27/02/2022	Duncan Halpin; Mr James Andrewes; Mr Steven Davies; Kevin J Smith; Steven Davies; Mr James Hughes	2; 1	Reported to recorder	Sydallt; Llay Pool	BirdTrack; Llay Pool. Survey: Observer data; Birdtrack.: Activity: H; Birdtrack:	D1297/025/01 , D1297/039/01 , D0062/008/01 , D1297/049/01 , D1297/050/01 , D1297/040/01 , D1297/047/01	Bern2, LBAP-C	PC, NA, UA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Dendrocopos major</i> (Great Spotted Woodpecker / Cnocell Fraith Fwyaf)	SJ3255	2 records, between 26/08/2019 and 14/11/2019	Dr Anne Brenchley	1		SJ3255 Alyn Waters CP Llay side N		D1297/026/01	Bern2, LBAP-C	PC
<i>Dendrocopos major</i> (Great Spotted Woodpecker / Cnocell Fraith Fwyaf)	SJ3156	24/01/2009 to 25/01/2009	Anon				Occurrence ID: NBN-GA000656-BGBW2009-16443536-106430001	D1852/002/01	Bern2, LBAP-C	PC
<i>Dendrocopos major</i> (Great Spotted Woodpecker / Cnocell Fraith Fwyaf)	SJ3257	2 records, between 2009 and 25/01/2009	Anon				Occurrence ID: NBN-GA000656-BGBW2009-16444167-106429942	D1852/002/01 , D1779/001/02	Bern2, LBAP-C	PC, NA
<i>Dendrocopos major</i> (Great Spotted Woodpecker / Cnocell Fraith Fwyaf)	SJ3357	2 records, between 2009 and 26/04/2009	Anon; Jason Newton	1	Reported to recorder	Llay, far N	Activity: H. Survey: Observer data	D1779/001/02 , D0062/008/01	Bern2, LBAP-C	NA
<i>Dipsacus fullonum</i> (Wild Teasel / Llysiau'r Cribau)	SJ3155	2 records, between 18/05/2014 and 23/10/2019	Jonathan D Shanklin; Stead, M.O.			Cefn-y-bedd;Sydalit		D1587/031/01 , D1169/004/04	LI-VP-48[LR]	KC, NA
<i>Dipsacus fullonum</i> (Wild Teasel / Llysiau'r Cribau)	SJ3355	26/12/2022	Jonathan D Shanklin			Alyn Waters Country Park		D1169/004/04	LI-VP-48[LR]	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Dipsacus fullonum</i> (Wild Teasel / Llysiau'r Cribau)	SJ3356	10/11/2015	Williams, D. & Stead, M.O.			Llay Industrial Estate East		D1169/004/04	LI-VP-48[LR]	NA
<i>Dipsacus fullonum</i> (Wild Teasel / Llysiau'r Cribau)	SJ329564	29/08/2014	Formstone, J.B.			Llay Industrial Estate		D1169/004/04	LI-VP-48[LR]	NA
<i>Dipsacus fullonum</i> (Wild Teasel / Llysiau'r Cribau)	SJ324551	21/06/2012	BSBI			Alyn Waters Country Park		D1169/004/04	LI-VP-48[LR]	NA
<i>Dryopteris carthusiana</i> (Narrow Buckler- fern / Marchredynen Gul)	SJ32195537	15/07/2015	Denbs Group (Williams, D.)			Alyn Waters Country Park	Llay Bog	D1169/004/04	LI-VP-51[LS]	NA
<i>Egretta garzetta</i> (Little Egret / Crëyr Bach)	SJ3155 (Approximate)	4 records, between 28/03/2017 and 23/03/2021	Neil Hughes; Mr Justin Williams; Mr Steven Davies; Mr James Hughes	2; 1; 4		Sydallt;Llay Pools;Llay Pool	BirdTrack	D1297/025/01 , D1297/027/01 , D1297/047/01	BDir1, Bern2, CITES-A, LBAP- C, LBAP-G	PC, UA
<i>Elymus caninus</i> (Bearded Couch / Marchwellt y Coed)	SJ3155	23/10/2019	Jonathan D Shanklin			Cefn-y-bedd		D1587/031/01	LI-VP-52[LR]	KC
<i>Elymus caninus</i> (Bearded Couch / Marchwellt y Coed)	SJ3156	23/10/2019	Jonathan D Shanklin			Cefn-y-bedd		D1587/031/01	LI-VP-52[LR]	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Enallagma cyathigerum</i> (Common Blue Damselfly / Mursen Las Gyffredin)	SJ325566 (Supplied by Original Recorder (Centroid of Site))	04/06/2019	Liz Bryan	Adult	Live Sighting	North Wales Eastern Command and Custody Facility, Llay	Confirmed RB (Image)	D1873/001/02	LBAP-E	PC
<i>Epilobium parviflorum</i> (Hoary Willowherb / Helygllys Lledlwyd)	SJ325566 (Supplied by Original Recorder (Centroid of Site))	18/05/2019	M. Steadman			North Wales Eastern Command and Custody Facility, Llay		D1873/001/02	LI-VP-48	PC
<i>Epilobium parviflorum</i> (Hoary Willowherb / Helygllys Lledlwyd)	SJ3155	2 records, between 29/09/2016 and 23/10/2019	Jonathan D Shanklin; Stead, M.O.			Cefn-y-bedd;Sydalit		D1587/031/01 , D1169/004/04	LI-VP-48	KC, NA
<i>Epilobium parviflorum</i> (Hoary Willowherb / Helygllys Lledlwyd)	SJ3356	2 records, between 10/11/2015 and 19/04/2022	Jonathan D Shanklin; Williams, D. & Stead, M.O.			Llay Industrial Estate East		D1169/004/04	LI-VP-48	NA
<i>Epilobium parviflorum</i> (Hoary Willowherb / Helygllys Lledlwyd)	SJ32235534	15/07/2015	Denbs Group (Williams, D.)			Alyn Waters Country Park	Llay Bog	D1169/004/04	LI-VP-48	NA
<i>Epilobium parviflorum</i> (Hoary Willowherb / Helygllys Lledlwyd)	SJ3256	18/05/2019	Stead, M.O.			Llay Industrial Estate	Police Headquarters	D1169/004/04	LI-VP-48	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Epipactis helleborine</i> (Broad-leaved Helleborine / Y Galdrist Lydanddail)	SJ324551	28/07/2010	Thomas, P.L.			Alyn Waters Country Park	SJ32200.55205. path opp. obelisk. a nice colony.	D1169/004/04	LBAP-G, LI-VP-48[LS], LI-VP-49[LS], LI-VP-52[LS]	NA
<i>Epipactis helleborine</i> (Broad-leaved Helleborine / Y Galdrist Lydanddail)	SJ32525677	10/11/2015	Williams, D. & Stead, M.O.			Llay Industrial Estate	Many small plants seeded along mown grass verge. Also behind fence in wild area. Need checking for ? E. dunensis or ? E. phyllanthes.	D1169/004/04	LBAP-G, LI-VP-48[LS], LI-VP-49[LS], LI-VP-52[LS]	NA
<i>Equisetum telmateia</i> (Great Horsetail / Marchrawnen Fawr)	SJ3355	26/12/2022	Jonathan D Shanklin			Llay		D1169/004/04	LI-VP-48[LS]	NA
<i>Erigeron acris</i> (Blue Fleabane / Amrhydlwyd Glas)	SJ3256	10/11/2015	Williams, D. & Stead, M.O.			Llay Industrial Estate		D1169/004/04	LBAP-G, LI-VP-48[LR], LI-VP-49[LS], LI-VP-50[LNS]	NA
<i>Eriophorum vaginatum</i> (Hare's-tail Cottongrass / Plu'r Gweunydd)	SJ322554	22/08/2014	Formstone, J.B.			Alyn Waters Country Park	Llay Bog	D1169/004/04	LI-VP-51[LS]	NA
<i>Favonius quercus</i> (Purple Hairstreak / Brithribin Porffor)	SJ325562	07/07/2018	Paul Kirkland	11 Adult		Llay Ind. Estate		D1373/001/05	LBAP-C	NA
<i>Ficaria verna</i> <i>subsp. verna</i>	SJ3356	19/04/2022	Jonathan D Shanklin	Flowering		Llay Industrial Estate East		D1169/004/04	LI-VP-49[LS]	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Frangula alnus</i> (Alder Buckthorn / Breuwydden)	SJ322554	22/08/2014	Formstone, J.B.			Alyn Waters Country Park	Several berries on plant	D1169/004/04	LBAP-G, LI-VP-48[LR], LI-VP-49[LR], LI-VP-50[LNS], LI-VP-51[LS]	NA
<i>Geranium pusillum</i> (Small-flowered Crane's-bill / Pig-yr-Aran Fân-Flodeuog)	SJ3357	25/10/2021	Jonathan D Shanklin	Flowering		Rackery		D1169/004/04	LBAP-G, LI-VP-48[LR], LI-VP-49[LS], LI-VP-52[LS]	NA
<i>Geranium pusillum</i> (Small-flowered Crane's-bill / Pig-yr-Aran Fân-Flodeuog)	SJ3155	29/09/2016	Stead, M.O.			Sydallt		D1169/004/04	LBAP-G, LI-VP-48[LR], LI-VP-49[LS], LI-VP-52[LS]	NA
<i>Geum rivale</i> (Water Avens / Mapgoll Glan y Dwr)	SJ32235534	15/07/2015	Denbs Group (Williams, D.)			Alyn Waters Country Park	Llay Bog	D1169/004/04	LI-VP-52[LR]	NA
<i>Gonomyia abbreviata</i>	SJ3156	31/07/1972	Stubbs, A.E.			Cefn-y-Dredd	CCW REFERENCE: Rees J. (1983). Occurrence ID: 120379	D1078/001/02	LBAP-C, LBAP-F	NA
<i>Hypericum hirsutum</i> (Hairy St John's-wort / Eurinllys Blewog)	SJ3256	10/11/2015	Williams, D. & Stead, M.O.			Llay Industrial Estate		D1169/004/04	LI-VP-48[LR], LI-VP-49[LR], LI-VP-51[LS], LI-VP-52[LR]	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Hypericum perforatum</i> x <i>maculatum</i> = <i>H. x desetangsii</i> (Des Etangs' St John's-wort / Eurinllys Des Etangs)	SJ323552	15/07/2015	Denbs Group (Williams, D.)			Alyn Waters Country Park	Side of paved path. Denticulate sepals.	D1169/004/04	LI-VP-48[LS], LI-VP-49[LR], LI-VP-51	NA
<i>Ischnura elegans</i> (Blue-tailed Damselfly / Mursen Dinlas Gyffredin)	SJ325566 (Supplied by Original Recorder (Centroid of Site); Estimated (Centroid of Site))	2 records, between June 2013 and 26/05/2019	Brian Comer; Richard Birch	Adult	Live Sighting	North Wales Eastern Command and Custody Facility, Llay; Llay Industrial Estate, Wrexham, LL12 0PG	Confirmed RB (Image)	D1873/001/02 , D1873/003/01	LBAP-E	PC
<i>Ischnura elegans</i> (Blue-tailed Damselfly / Mursen Dinlas Gyffredin)	SJ325565	3 records, between 21/06/2022 and 20/07/2023	Brian Comer	10+ Adult; 4; 10+		Llay Custody; Llay custody; Llay	a few of these basking on concrete drain - pond 1- appear purple almost grey. They are also quite small. All specimen seen were dark bodied	D1873/001/02	LBAP-E	PC, KC
<i>Jacobaea erucifolia</i> (Hoary Ragwort / Creulys Lwyd)	SJ325566 (Supplied by Original Recorder (Centroid of Site))	18/05/2019	M. Steadman			North Wales Eastern Command and Custody Facility, Llay		D1873/001/02	LBAP-G, LI-VP-48[LR], LI-VP-49[LS], LI-VP-52[LS]	PC
<i>Jacobaea erucifolia</i> (Hoary Ragwort / Creulys Lwyd)	SJ3256	2 records, between 10/11/2015 and 18/05/2019	Stead, M.O.; Williams, D. & Stead, M.O.			Llay Industrial Estate	Police Headquarters	D1169/004/04	LBAP-G, LI-VP-48[LR], LI-VP-49[LS], LI-VP-52[LS]	NA
<i>Jacobaea erucifolia</i> (Hoary Ragwort / Creulys Lwyd)	SJ329564	29/08/2014	Formstone, J.B.			Llay Industrial Estate		D1169/004/04	LBAP-G, LI-VP-48[LR], LI-VP-49[LS], LI-VP-52[LS]	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Juncus inflexus</i> (Hard Rush / Brwynen Galed)	SJ325566 (Supplied by Original Recorder (Centroid of Site))	18/05/2019	M. Steadman			North Wales Eastern Command and Custody Facility, Llay		D1873/001/02	LI-VP-48[LR]	PC
<i>Juncus inflexus</i> (Hard Rush / Brwynen Galed)	SJ329564	29/08/2014	Formstone, J.B.			Llay Industrial Estate		D1169/004/04	LI-VP-48[LR]	NA
<i>Juncus inflexus</i> (Hard Rush / Brwynen Galed)	SJ3256	2 records, between 10/11/2015 and 18/05/2019	Stead, M.O.; Williams, D. & Stead, M.O.			Llay Industrial Estate	Police Headquarters	D1169/004/04	LI-VP-48[LR]	NA
<i>Kindbergia praelonga</i> (Common Feather-moss)	SJ325566 (Supplied by Original Recorder (Centroid of Site))	18/05/2019	Richard Birch			North Wales Eastern Command and Custody Facility, Llay		D1873/001/02	LBAP-C	PC
<i>Knautia arvensis</i> (Field Scabious / Clafrllys y Maes)	SJ321553	22/08/2014	Formstone, J.B.			Alyn Waters Country Park	Alyn Waters Llay (West)	D1169/004/04	LI-VP-48[LS]	NA
<i>Lactuca serriola</i> (Prickly Lettuce / Letusen Bigog)	SJ3356	19/04/2022	Jonathan D Shanklin			Llay Industrial Estate East		D1169/004/04	GBNNSIP, LBAP- C	NA
<i>Lamiastrum galeobdolon subsp. montanum</i>	SJ3156	18/05/2014	Stead, M.O.			Cefn-y-bedd		D1169/004/04	LI-VP-48[LS], LI- VP-49[LS]	NA
<i>Lasioglossum leucopus</i> (White-footed Furrow Bee)	SJ325553	06/08/1994	M.Edwards	1 Adult		Alyn waters Llay	Method: Netted	D1650/001/02	LBAP-C	NA
<i>Lasioglossum leucopus</i> (White-footed Furrow Bee)	SJ328552	06/08/1994	Mike Edwards		Field record	Alyn Waters		D0217/001/04	LBAP-C	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Lathyrus linifolius</i> (Bitter-vetch / Ytbysen y Coed)	SJ3357	25/10/2021	Jonathan D Shanklin			Rackery		D1169/004/04	LI-VP-52[LS]	NA
<i>Lestes sponsa</i> (Emerald Damselfly / Mursen Werdd)	SJ325566	20/08/2019	B. Comer		Live Sighting	North Wales Eastern Command and Custody Facility, Llay	List for August 2019	D1873/001/02	LBAP-E	PC
<i>Lestes sponsa</i> (Emerald Damselfly / Mursen Werdd)	SJ325565	21/07/2023	Brian Comer	1		Llay custody suite		D1873/001/02	LBAP-E	KC
<i>Libellula depressa</i> (Broad-bodied Chaser / Picellwr Praff)	SJ325566 (Supplied by Original Recorder (Centroid of Site))	18/05/2019	Richard Birch	1 adult f / numerous mature larvae	Live Sighting	North Wales Eastern Command and Custody Facility, Llay	Abundant in Attenuation pond 4	D1873/001/02	LBAP-E	PC
<i>Libellula depressa</i> (Broad-bodied Chaser / Picellwr Praff)	SJ325565	21/06/2022	Brian Comer	2 Adult Male		Llay		D1873/001/02	LBAP-E	KC
<i>Libellula quadrimaculata</i> (Four-spotted Chaser / Picellwr Pedwar Nod)	SJ325566 (Supplied by Original Recorder (Centroid of Site))	01/07/2019	Richard Birch	Adult	Live Sighting	North Wales Eastern Command and Custody Facility, Llay	Confirmed RB (Image)	D1873/001/02	LBAP-E	PC
<i>Libellula quadrimaculata</i> (Four-spotted Chaser / Picellwr Pedwar Nod)	SJ325565 (Selected from Interactive Map)	04/06/2023	Brian Comer	3+		Llay Custody		D1873/001/02	LBAP-E	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Malva arborea</i> (Tree-mallow / Hocyswydden)	SJ324551	14/08/2021	Williams, D.			Alyn Waters Country Park	Short turf at side of path	D1169/004/04	LBAP-C, LBAP-D, LI-VP-50[LS], LI- VP-51[LR]	NA
<i>Matricaria chamomilla</i> (Scented Mayweed / Amranwen Bêr)	SJ3356	10/11/2015	Williams, D. & Stead, M.O.			Llay Industrial Estate East		D1169/004/04	GBNNSIP, LI-VP- 48[LS]	NA
<i>Melilotus altissimus</i> (Tall Melilot / Yr Wydro Dal)	SJ329564	29/08/2014	Formstone, J.B.			Llay Industrial Estate		D1169/004/04	GBNNSIP, LBAP- G, LI-VP-49[LR]	NA
<i>Mergus merganser</i> (Goosander / Hwyaden Ddanheddog)	SJ3155 (Approximate)	19 records, between 11/12/2008 and 10/04/2022	Kevin J Smith; Neil Hughes; Steven Davies; Mr Duncan Halpin; Mr James Hughes; Mr Steven Davies; Mr Trevor Taylor; Mr Kevin Smith	1; 5; 3; 2 Male; 7 Female; 11; 2	Reported to recorder	Sydallt; Llay Pool; Llay pools, Clwyd	BirdTrack; Survey: Observer data	D1297/025/01 , D1297/039/01 , D0062/008/01 , D1297/049/01 , D1297/050/01 , D1297/040/01 , D1297/047/01	BDir2.2, Bonn2, LBAP-C	PC, NA, UA
<i>Mergus merganser</i> (Goosander / Hwyaden Ddanheddog)	SJ317556	30/03/2006	Kevin J Smith	2 Pair	Reported to recorder	Llay Pool	Survey: Observer data	D0062/008/01	BDir2.2, Bonn2, LBAP-C	NA
<i>Motacilla alba</i> (Pied/White Wagtail / Siglen Fraith/Wen)	SJ3156	24/01/2009 to 25/01/2009	Anon				Occurrence ID: NBN-GA000656- BGBW2009- 16443399- 106729629	D1852/002/01	Bern2, LBAP-C, LBAP-T	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Motacilla alba</i> (Pied/White Wagtail / Siglen Fraith/Wen)	SJ3356	24/01/2009 to 25/01/2009	Anon				Occurrence ID: NBN-GA000656-BGBW2009-16445335-106734485	D1852/002/01	Bern2, LBAP-C, LBAP-T	PC
<i>Motacilla alba</i> (Pied/White Wagtail / Siglen Fraith/Wen)	SJ3256	2009	Anon					D1779/001/02	Bern2, LBAP-C, LBAP-T	NA
<i>Motacilla alba</i> (Pied/White Wagtail / Siglen Fraith/Wen)	SJ3155 (Approximate)	13/03/2021	Mr Trevor Taylor	1		Llay pools, Clwyd		D1297/047/01	Bern2, LBAP-C, LBAP-T	UA
<i>Motacilla alba</i> <i>alba</i> (White Wagtail / Siglen Wen)	SJ3155	18/04/2011	Kevin J Smith	1	Reported to recorder	Sydallt	Migrant. Survey: Observer data	D0062/008/01	Bern2, LBAP-T	NA
<i>Motacilla alba</i> <i>yarrellii</i> (Pied Wagtail / Siglen Fraith)	SJ3155 (Approximate)	50 records, between 16/05/2009 and 21/06/2022	Steven Davies; Ron Rees Davies; Kevin J Smith; Mark T Breaks; Jon A Lowes; Duncan Halpin; Neil Hughes; Mr Justin Williams; Martin G Williams; Jason Newton; Mr James Hughes; Mr Steven Davies; Mr Tre...	12+; 1; 2; 5; 36; 20+; 6+; 24+; 4; 3; 12	Reported to recorder	Sydallt; Llay Pools; Sydallt, Gwersyllt, Alyn Waters CP, NW; Llay Pool; Llay pools, Clwyd	Birdtrack;; BirdTrack; Bird Track; Birdtrack. field across road from Llay Pool; Survey: Observer data; Activity: H. Survey: Observer data	D1297/025/01 , D1297/027/01 , D0062/008/01 , D1297/049/01 , D1297/050/01 , D1297/039/01 , D1297/040/01 , D1297/047/01 , D0346/003/01	Bern2, LBAP-T	PC, NA, UA
<i>Myosotis secunda</i> (Creeping Forget-me-not / Sgorptionllys Ymlusgol)	SJ3256	10/11/2015	Williams, D. & Stead, M.O.			Llay Industrial Estate	Llay Reservoir	D1169/004/04	LI-VP-51[LS]	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Neottia ovata</i> (Common Twayblade / Caineirian)	SJ325566 (Supplied by Original Recorder (Centroid of Site))	24/06/2019	Liz Bryan			North Wales Eastern Command and Custody Facility, Llay	Image	D1873/001/02	LI-VP-48[LS]	PC
<i>Neottia ovata</i> (Common Twayblade / Caineirian)	SJ322554	15/07/2015	Denbs Group (Williams, D.)			Alyn Waters Country Park	Llay Bog	D1169/004/04	LI-VP-48[LS]	NA
<i>Ophrys apifera</i> (Bee Orchid / Tegeirian y Wenynen)	SJ323566 (Selected from Interactive Map)	09/06/2019	Gail Quartly-Bishop; Rebecca Wheeler; Jane Poole	300 Flowering		Davy Road, Llay Industrial Estate	Whoever is in charge of mowing the grass has mown carefully around each orchid to protect them :) Vast majority of plants are on north side of road in 2 patches next to MWL Systems.	D1117/001/01	CITES-B, LBAP-G, LI-VP-48[LR], LI-VP-49[LS]	KC
<i>Ophrys apifera</i> (Bee Orchid / Tegeirian y Wenynen)	SJ325566 (Supplied by Original Recorder (Centroid of Site))	06/06/2019	Liz Bryan			North Wales Eastern Command and Custody Facility, Llay	Image	D1873/001/02	CITES-B, LBAP-G, LI-VP-48[LR], LI-VP-49[LS]	PC
<i>Orobancha minor</i> (Common Broomrape / Gorfanhadlen)	SJ3255	27/06/2011	Lawton Roberts, J.			Alyn Waters Country Park	unmown grass	D1169/004/04	LI-VP-49[LR], LI-VP-50[LR], LI-VP-51[LS], LI-VP-52[LS]	NA
<i>Orthetrum cancellatum</i> (Black-tailed Skimmer / Picellwr Tinddu)	SJ325566 (Supplied by Original Recorder (Centroid of Site))	09/07/2019	Liz Bryan	Adult	Live Sighting	North Wales Eastern Command and Custody Facility, Llay	Confirmed RB (Image)	D1873/001/02	LBAP-E	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Osmunda regalis</i> (Royal Fern / Rhedyn Cyfrdwy)	SJ322554	11/07/1990	Osley, N.J.			Alyn Waters Country Park	Llay Bog. Six crowns in wet woodland on peat. Alnus, Salix, Betula canopy, Frangula, D.dilatata, M.caerulea, C.remota ground layer.	D1169/004/04	LI-VP-48, LI-VP- 49[LS], LI-VP- 50[LR], LI-VP- 52[LS]	NA
<i>Oxybasis rubra</i> (Red Goosefoot / Troed-yr-Wydd Coch)	SJ322554	22/08/2014	Formstone, J.B.			Alyn Waters Country Park	Llay Bog	D1169/004/04	LBAP-G, LI-VP- 49[LS]	NA
<i>Papaver dubium</i> (Long Smooth- headed Poppy / Pabi Hirben)	SJ3256	10/11/2015	Williams, D. & Stead, M.O.			Llay Industrial Estate		D1169/004/04	GBNNSIP, LI-VP- 52	NA
<i>Parus major</i> (Great Tit / Titw Mawr)	SJ3155 (Approximate)	46 records, between 24/01/2009 and 10/04/2022	Jack Davies; Duncan Halpin; Steven Davies; Mr Duncan Halpin; Mr James Andrewes; Mr Steven Davies; Anon; Jason Newton; Mr Trevor Taylor	1; 3; 2; 4	Reported to recorder	Sydallt;Llay Pool;Sydallt, Gwersyllt, Alyn Waters CP, NW;Llay pools, Clwyd	BirdTrack; Bird Track; Occurrence ID: NBN- GA000656- BGBW2009- 16443535- 106429805; Activity: H. Survey: Observer data; Birdtrack.. Activity: H	D1297/025/01 , D1297/039/01 , D1852/002/01 , D0062/008/01 , D1297/049/01 , D1297/050/01 , D1297/040/01 , D1297/047/01	Bern2, LBAP-C	PC, NA, UA
<i>Parus major</i> (Great Tit / Titw Mawr)	SJ3357	3 records, between 2009 and 28/03/2013	Martyn Harris; Anon; Jason Newton	2	Field record; Reported to recorder	Cobblers Lane, West of Burton Green;Llay, far N	A few along the hedges.; Activity: H. Survey: Observer data	D0969/001/05 , D1779/001/02 , D0062/008/01	Bern2, LBAP-C	UA, NA
<i>Parus major</i> (Great Tit / Titw Mawr)	SJ3255	3 records, between 18/07/2009 and 14/11/2019	Dr Anne Brenchley; Jason Newton	2	Reported to recorder	SJ3255 Alyn Waters CP Llay side N;Llay, W	Breeding status: FL; Activity: H. Survey: Observer data	D1297/026/01 , D0062/008/01	Bern2, LBAP-C	PC, NA
<i>Parus major</i> (Great Tit / Titw Mawr)	SJ32535660	22/06/2021	R. Birch	3 Brood		Llay	2 adults and one chick	D1873/001/02	Bern2, LBAP-C	UA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Parus major</i> (Great Tit / Titw Mawr)	SJ3257	2 records, between 2009 and 25/01/2009	Anon				Occurrence ID: NBN-GA000656- BGBW2009- 16444167- 106429943	D1852/002/01 , D1779/001/02	Bern2, LBAP-C	PC, NA
<i>Parus major</i> (Great Tit / Titw Mawr)	SJ3355	24/01/2009 to 25/01/2009	Anon				Occurrence ID: NBN-GA000656- BGBW2009- 16445538- 106437945	D1852/002/01	Bern2, LBAP-C	PC
<i>Parus major</i> (Great Tit / Titw Mawr)	SJ3356	24/01/2009 to 25/01/2009	Anon				Occurrence ID: NBN-GA000656- BGBW2009- 16445187- 106437599	D1852/002/01	Bern2, LBAP-C	PC
<i>Parus major</i> (Great Tit / Titw Mawr)	SJ3156	24/01/2009 to 25/01/2009	Anon				Occurrence ID: NBN-GA000656- BGBW2009- 16443536- 106430002	D1852/002/01	Bern2, LBAP-C	PC
<i>Parus major</i> (Great Tit / Titw Mawr)	SJ3256	2009	Anon					D1779/001/02	Bern2, LBAP-C	NA
<i>Parus major</i> (Great Tit / Titw Mawr)	SJ324560	04/02/2008	Amber Flewitt	3		1 Bramble Court, Llay, Wrexham	Record submitted to rECOrd on Wildlife Watcher's Diary postcard. Grid reference obtained from postcode using online converter.	D1117/001/01	Bern2, LBAP-C	PC
<i>Persicaria amphibia</i> (Amphibious Bistort / Canwraidd y Dwr)	SJ325566 (Supplied by Original Recorder (Centroid of Site))	18/05/2019	M. Steadman			North Wales Eastern Command and Custody Facility, Llay		D1873/001/02	LI-VP-48	PC
<i>Persicaria amphibia</i> (Amphibious Bistort / Canwraidd y Dwr)	SJ322554	15/07/2015	Denbs Group (Williams, D.)			Alyn Waters Country Park	Llay Bog	D1169/004/04	LI-VP-48	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Persicaria amphibia</i> (Amphibious Bistort / Canwraidd y Dwr)	SJ3256	18/05/2019	Stead, M.O.			Llay Industrial Estate	Police Headquarters	D1169/004/04	LI-VP-48	NA
<i>Persicaria bistorta</i> (Common Bistort / Blodau Powdr)	SJ322554	22/08/2014	Formstone, J.B.			Alyn Waters Country Park	Llay Bog	D1169/004/04	LBAP-G, LI-VP-48[LR], LI-VP-49[LR], LI-VP-50[LNS], LI-VP-51[LS]	NA
<i>Persicaria hydropiper</i> (Water-pepper / Y Dinboeth)	SJ322554	15/07/2015	Denbs Group (Williams, D.)			Alyn Waters Country Park	Llay Bog	D1169/004/04	LI-VP-51[LS]	NA
<i>Petasites hybridus</i> (Butterbur / Alan Mawr)	SJ3155	2 records, between 18/05/2014 and 23/10/2019	Jonathan D Shanklin; Stead, M.O.			Cefn-y-bedd; Sydalit		D1587/031/01 , D1169/004/04	LI-VP-48[LS]	KC, NA
<i>Petasites hybridus</i> (Butterbur / Alan Mawr)	SJ3256	10/11/2015	Williams, D. & Stead, M.O.			Llay Industrial Estate	Llay Reservoir	D1169/004/04	LI-VP-48[LS]	NA
<i>Phylloscopus collybita</i> (Chiffchaff / Siff-Siaff)	SJ3155 (Approximate)	36 records, between 08/04/2008 and 10/04/2022	Steven Davies; Kevin J Smith; Neil Hughes; Duncan Halpin; Mr James Hughes; Mr James Andrewes; Mr Steven Davies; Mr Trevor Taylor	1; 2; 3; 4	Reported to recorder	Sydallt; Llay Pool; Llay pools, Clwyd	Birdtrack: Activity: S; BirdTrack; Llay Pool. Survey: Observer data; Survey: Observer data; Activity: S. Survey: Observer data; Breeding details: Singing male (S)	D1297/025/01 , D1297/039/01 , D0062/008/01 , D1297/049/01 , D1297/050/01 , D1297/040/01 , D1297/047/01	LBAP-C	PC, NA, UA
<i>Phylloscopus collybita</i> (Chiffchaff / Siff-Siaff)	SJ3255 (Approximate)	4 records, between 18/07/2009 and 11/04/2021	Dr Anne Brenchley; Jason Newton; Kevin J Smith; Mr Steven Davies	1	Reported to recorder	SJ3255 Alyn Waters CP Llay side N; Llay, W	Breeding status: FL; Activity: S. Survey: Observer data; BirdTrack	D1297/026/01 , D0062/008/01 , D1297/025/01 , D1297/047/01	LBAP-C	PC, NA, UA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Phylloscopus collybita</i> (Chiffchaff / Siff-Siaff)	SJ325566 (Supplied by Original Recorder (Centroid of Site))	18/05/2019	Richard Birch		Live Sighting	North Wales Eastern Command and Custody Facility, Llay	Calling	D1873/001/02	LBAP-C	PC
<i>Phylloscopus collybita</i> (Chiffchaff / Siff-Siaff)	SJ3256	2009	Anon					D1779/001/02	LBAP-C	NA
<i>Phylloscopus collybita</i> (Chiffchaff / Siff-Siaff)	SJ3257	2009	Anon					D1779/001/02	LBAP-C	NA
<i>Phylloscopus collybita</i> (Chiffchaff / Siff-Siaff)	SJ3357	26/04/2009	Jason Newton	2	Reported to recorder	Llay, far N	Activity: S. Survey: Observer data	D0062/008/01	LBAP-C	NA
<i>Polystichum setiferum</i> (Soft Shield-fern / Gwrychredynen Feddal)	SJ325566 (Supplied by Original Recorder (Centroid of Site))	18/05/2019	M. Steadman			North Wales Eastern Command and Custody Facility, Llay		D1873/001/02	LI-VP-48	PC
<i>Polystichum setiferum</i> (Soft Shield-fern / Gwrychredynen Feddal)	SJ3356	19/04/2022	Jonathan D Shanklin			Llay Industrial Estate East		D1169/004/04	LI-VP-48	NA
<i>Polystichum setiferum</i> (Soft Shield-fern / Gwrychredynen Feddal)	SJ3155	29/09/2016	Stead, M.O.			Sydallt		D1169/004/04	LI-VP-48	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Polystichum setiferum</i> (Soft Shield-fern / Gwrychredynen Feddal)	SJ3256	18/05/2019	Stead, M.O.			Llay Industrial Estate	Police Headquarters	D1169/004/04	LI-VP-48	NA
<i>Primula veris</i> (Cowslip / Briallen Fair)	SJ325566 (Supplied by Original Recorder (Centroid of Site))	18/05/2019	M. Steadman			North Wales Eastern Command and Custody Facility, Llay		D1873/001/02	LI-VP-48[LS]	PC
<i>Primula veris</i> (Cowslip / Briallen Fair)	SJ3256	18/05/2019	Stead, M.O.			Llay Industrial Estate	Police Headquarters	D1169/004/04	LI-VP-48[LS]	NA
<i>Pulicaria dysenterica</i> (Common Fleabane / Cedowydd Cyffredin)	SJ325566 (Supplied by Original Recorder (Centroid of Site))	18/05/2019	M. Steadman			North Wales Eastern Command and Custody Facility, Llay		D1873/001/02	LI-VP-48[LS]	PC
<i>Pulicaria dysenterica</i> (Common Fleabane / Cedowydd Cyffredin)	SJ3256	2 records, between 10/11/2015 and 18/05/2019	Williams, D. & Stead, M.O.; Stead, M.O.			Llay Industrial Estate	Police Headquarters	D1169/004/04	LI-VP-48[LS]	NA
<i>Pulicaria dysenterica</i> (Common Fleabane / Cedowydd Cyffredin)	SJ328559	08/07/2014	Formstone, J.B.			Alyn Waters Country Park	Llay Welfare	D1169/004/04	LI-VP-48[LS]	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Pyrrhosoma nymphula</i> (Large Red Damselfly / Mursen Fawr Goch)	SJ325566 (Supplied by Original Recorder (Centroid of Site); Estimated (Centroid of Site))	3 records, between June 2013 and 04/06/2019	Liz Bryan; B.Comer; Richard Birch	Adult	Live Sighting	North Wales Eastern Command and Custody Facility, Llay;Llay Industrial Estate, Wrexham, LL12 0PG	Confirmed RB (Image)	D1873/001/02 , D1873/003/01	LBAP-E	PC
<i>Pyrrhosoma nymphula</i> (Large Red Damselfly / Mursen Fawr Goch)	SJ325565	2 records, between 01/06/2022 and 03/06/2023	Brian Comer; Brian comer	4+ Adult; 10 +		Pond1 llay custody;Llay custody	I think its a large red as legs are black	D1873/001/02	LBAP-E	KC
<i>Ranunculus auricomus</i> (Goldilocks Buttercup / Blodyn-Ymenyn Peneuraid)	SJ3156	18/05/2014	Stead, M.O.			Cefn-y-bedd		D1169/004/04	LI-VP-48[LR], LI-VP-49[LS], LI-VP-52[LS]	NA
<i>Ranunculus penicillatus</i> (Stream Water-crowfoot / Crafanc-y-Frân y Nant)	SJ3155	2 records, between 2019 and 23/10/2019	Jonathan D Shanklin; Shanklin, Jonathan D.			Cefn-y-bedd		D1587/031/01 , D1308/002/01	LBAP-C, LI-VP-48[LR], LI-VP-49[LR], LI-VP-51[LS], LI-VP-52	KC, NA
<i>Ranunculus sceleratus</i> (Celery-leaved Buttercup / Crafanc yr Eryr)	SJ322554	22/08/2014	Formstone, J.B.			Alyn Waters Country Park	Llay Bog	D1169/004/04	LI-VP-48[LS]	NA
<i>Reseda luteola</i> (Weld / Melengu)	SJ3156	07/02/2014	Jonathan Shanklin			Cefn-y-bedd		D1587/002/01	GBNNSIP, LI-VP-48[LS]	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Reseda luteola</i> (Weld / Melengu)	SJ325566 (Supplied by Original Recorder (Centroid of Site))	18/05/2019	M. Steadman			North Wales Eastern Command and Custody Facility, Llay		D1873/001/02	GBNNSIP, LI-VP-48[LS]	PC
<i>Reseda luteola</i> (Weld / Melengu)	SJ3355	26/12/2022	Jonathan D Shanklin			Alyn Waters Country Park		D1169/004/04	GBNNSIP, LI-VP-48[LS]	NA
<i>Reseda luteola</i> (Weld / Melengu)	SJ3256	2 records, between 10/11/2015 and 18/05/2019	Williams, D. & Stead, M.O.; Stead, M.O.			Llay Industrial Estate	Police Headquarters	D1169/004/04	GBNNSIP, LI-VP-48[LS]	NA
<i>Reseda luteola</i> (Weld / Melengu)	SJ3155	18/05/2014	Stead, M.O.			Sydallt		D1169/004/04	GBNNSIP, LI-VP-48[LS]	NA
<i>Rhinanthus minor</i> (Yellow-rattle / Cribell Felen)	SJ322554	15/07/2015	Denbs Group (Williams, D.)			Alyn Waters Country Park	Llay Bog	D1169/004/04	LBAP-A	NA
<i>Rorippa palustris</i> (Marsh Yellow- cress / Berwr Melyn y Gors)	SJ322554	22/08/2014	Formstone, J.B.			Alyn Waters Country Park	In edge of bog	D1169/004/04	LBAP-G, LI-VP-48[LS], LI-VP-49[LR], LI-VP-51[LR]	NA
<i>Rorippa palustris</i> (Marsh Yellow- cress / Berwr Melyn y Gors)	SJ32065543	15/07/2015	Denbs Group (Williams, D.)			Alyn Waters Country Park	Llay Bog	D1169/004/04	LBAP-G, LI-VP-48[LS], LI-VP-49[LR], LI-VP-51[LR]	NA
<i>Rumex crispus</i> x <i>obtusifolius</i> = <i>R. x</i> <i>pratensis</i>	SJ3256	10/11/2015	Williams, D. & Stead, M.O.			Llay Industrial Estate	Llay Reservoir	D1169/004/04	LBAP-G, LI-VP-48[LS], LI-VP-49[LR]	NA
<i>Sagina apetala</i> <i>subsp. apetala</i>	SJ3256	10/11/2015	Williams, D. & Stead, M.O.			Llay Industrial Estate		D1169/004/04	LI-VP-51[LR]	NA
<i>Salix alba</i> (White Willow / Helygen Wen)	SJ324551	14/08/2021	Williams, D.			Alyn Waters Country Park	in wetter areas	D1169/004/04	GBNNSIP, LI-VP-49[LR]	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Salix cinerea</i> <i>subsp. oleifolia</i> (Rusty Willow)	SJ3256	18/05/2019	Stead, M.O.			Llay Industrial Estate	Police Headquarters	D1169/004/04	LI-VP-52	NA
<i>Salix cinerea</i> <i>subsp. oleifolia</i> (Rusty Willow)	SJ3156	18/05/2014	Stead, M.O.			Cefn-y-bedd		D1169/004/04	LI-VP-52	NA
<i>Salix cinerea</i> <i>subsp. oleifolia</i> (Rusty Willow)	SJ3355	26/12/2022	Jonathan D Shanklin			Alyn Waters Country Park		D1169/004/04	LI-VP-52	NA
<i>Saxicola rubicola</i> (Stonechat / Clochdar y Cerrig)	SJ3155 (Approximate)	2 records, both on 11/02/2020	Mr Duncan Halpin	1		Sydallt		D1297/039/01 , D1297/040/01	Bern2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G	PC
<i>Sciuro-hypnum</i> <i>populeum</i> (Matted Feather-moss)	SJ3156	1950 to 1988	Hill, M.O.			-Withheld-	-Withheld-	D1075/001/06	LBAP-C	NA
<i>Scutellaria</i> <i>galericulata</i> (Skullcap / Cycyllog)	SJ322554	22/08/2014	Formstone, J.B.			Alyn Waters Country Park	Llay Bog	D1169/004/04	LI-VP-51[LS]	NA
<i>Sherardia</i> <i>arvensis</i> (Field Madder / Mandon Las yr Yd)	SJ3155	18/05/2014	Stead, M.O.			Sydallt		D1169/004/04	LI-VP-48[LS]	NA
<i>Sherardia</i> <i>arvensis</i> (Field Madder / Mandon Las yr Yd)	SJ3256	10/11/2015	Williams, D. & Stead, M.O.			Llay Industrial Estate		D1169/004/04	LI-VP-48[LS]	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Sherardia arvensis</i> (Field Madder / Mandon Las yr Yd)	SJ3357	25/10/2021	Jonathan D Shanklin	Flowering		Rackery		D1169/004/04	LI-VP-48[LS]	NA
<i>Silene latifolia</i> (White Campion / Gludlys Gwyn)	SJ325566 (Supplied by Original Recorder (Centroid of Site))	18/05/2019	M. Steadman			North Wales Eastern Command and Custody Facility, Llay		D1873/001/02	GBNNSIP, LI-VP-48[LS]	PC
<i>Silene latifolia</i> (White Campion / Gludlys Gwyn)	SJ322554	15/07/2015	Denbs Group (Williams, D.)			Alyn Waters Country Park	Llay Bog	D1169/004/04	GBNNSIP, LI-VP-48[LS]	NA
<i>Silene latifolia</i> (White Campion / Gludlys Gwyn)	SJ3155	18/05/2014	Stead, M.O.			Sydallt		D1169/004/04	GBNNSIP, LI-VP-48[LS]	NA
<i>Silene latifolia</i> (White Campion / Gludlys Gwyn)	SJ3256	18/05/2019	Stead, M.O.			Llay Industrial Estate	Police Headquarters	D1169/004/04	GBNNSIP, LI-VP-48[LS]	NA
<i>Silene latifolia</i> (White Campion / Gludlys Gwyn)	SJ3257	19/04/2022	Jonathan D Shanklin			Gwern Estyn		D1587/044/01	GBNNSIP, LI-VP-48[LS]	PC
<i>Sitta europaea</i> (Nuthatch / Delor y Cnau)	SJ3155 (Approximate)	5 records, between 21/03/2015 and 07/03/2020	Steven Davies; Mr Duncan Halpin; Mr Steven Davies	1		Sydallt; Llay Pool	Bird Track	D1297/025/01 , D1297/039/01 , D1297/040/01	Bern2, LBAP-C	PC
<i>Sitta europaea</i> (Nuthatch / Delor y Cnau)	SJ3255 (Approximate)	2 records, between 27/06/2019 and 11/04/2021	Dr Anne Brenchley; Mr Steven Davies	1		SJ3255 Alyn Waters CP Llay side N; Llay, W		D1297/026/01 , D1297/047/01	Bern2, LBAP-C	PC, UA
<i>Sitta europaea</i> (Nuthatch / Delor y Cnau)	SJ3257	24/01/2009 to 25/01/2009	Anon				Occurrence ID: NBN-GA000656-BGBW2009-16444167-106729634	D1852/002/01	Bern2, LBAP-C	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Sitta europaea</i> (Nuthatch / Delor y Cnau)	SJ3356	24/01/2009 to 25/01/2009	Anon				Occurrence ID: NBN-GA000656- BGBW2009- 16445335- 106734486	D1852/002/01	Bern2, LBAP-C	PC
<i>Sitta europaea</i> (Nuthatch / Delor y Cnau)	SJ3256	2009	Anon					D1779/001/02	Bern2, LBAP-C	NA
<i>Sitta europaea</i> (Nuthatch / Delor y Cnau)	SJ3357	2009	Anon					D1779/001/02	Bern2, LBAP-C	NA
<i>Sorbus aria</i> agg. (Common Whitebeam / Cerddinen Wen)	SJ3355	26/12/2022	Jonathan D Shanklin			Llay		D1169/004/04	LI-VP-48[LR]	NA
<i>Sorbus aria</i> agg. (Common Whitebeam / Cerddinen Wen)	SJ3256	18/05/2019	Stead, M.O.			Llay Industrial Estate	Police Headquarters	D1169/004/04	LI-VP-48[LR]	NA
<i>Spinus spinus</i> (Siskin / Pila Gwyrdd)	SJ3257	24/01/2009 to 25/01/2009	Anon				Occurrence ID: NBN-GA000656- BGBW2009- 16444167- 106813741	D1852/002/01	Bern2, LBAP-C	PC
<i>Spinus spinus</i> (Siskin / Pila Gwyrdd)	SJ3155 (Approximate)	2 records, both on 07/01/2020	Mr Duncan Halpin	1		Sydallt		D1297/039/01 , D1297/040/01	Bern2, LBAP-C	PC
<i>Sylvia atricapilla</i> (Blackcap / Telor Penddu)	SJ3155 (Approximate)	11 records, between 29/04/2008 and 06/06/2020	Steven Davies; Justin B Williams; Kevin J Smith; Mr James Andrewes; Mr Steven Davies	1; 3; 2	Reported to recorder	Sydallt;Llay Pool	BirdTrack; Survey: Observer data; Birdtrack.: Activity: H	D1297/025/01 , D1297/039/01 , D0062/008/01 , D1297/040/01	LBAP-C	PC, NA
<i>Sylvia atricapilla</i> (Blackcap / Telor Penddu)	SJ3255 (Approximate)	3 records, between 06/05/2017 and 11/04/2021	Dr Anne Brenchley; Kevin J Smith; Mr Steven Davies	2; 1		SJ3255 Alyn Waters CP Llay side N;Llay, W	BirdTrack	D1297/026/01 , D1297/025/01 , D1297/047/01	LBAP-C	PC, UA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Sylvia atricapilla</i> (Blackcap / Telor Penddu)	SJ3257	2 records, between 2009 and 26/04/2009	Anon; Jason Newton	1	Reported to recorder	Caer Estyn, Caer-Estyn	Activity: S. Survey: Observer data	D1779/001/02 , D0062/008/01	LBAP-C	NA
<i>Sylvia atricapilla</i> (Blackcap / Telor Penddu)	SJ3357	26/04/2009	Jason Newton	1	Reported to recorder	Llay, far N	Activity: S. Survey: Observer data	D0062/008/01	LBAP-C	NA
<i>Sympetrum sanguineum</i> (Ruddy Darter / Gwäell Rudd)	SJ325566	14/08/2019	L.Bryan		Live Sighting	North Wales Eastern Command and Custody Facility, Llay	List for August 2019	D1873/001/02	LBAP-E	PC
<i>Tanacetum parthenium</i> (Feverfew / Y Wermod Wen)	SJ3155	23/10/2019	Jonathan D Shanklin			Cefn-y-bedd		D1587/031/01	GBNNSIP, LI-VP-48	KC
<i>Tanacetum vulgare</i> (Tansy / Ystrewlys)	SJ3155	18/05/2014	Stead, M.O.			Sydallt		D1169/004/04	LI-VP-48[LS]	NA
<i>Tanacetum vulgare</i> (Tansy / Ystrewlys)	SJ3356	19/04/2022	Jonathan D Shanklin			Llay Industrial Estate East		D1169/004/04	LI-VP-48[LS]	NA
<i>Tanacetum vulgare</i> (Tansy / Ystrewlys)	SJ3256	10/11/2015	Williams, D. & Stead, M.O.			Llay Industrial Estate		D1169/004/04	LI-VP-48[LS]	NA
<i>Tanacetum vulgare</i> (Tansy / Ystrewlys)	SJ329564	29/08/2014	Formstone, J.B.			Llay Industrial Estate		D1169/004/04	LI-VP-48[LS]	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Tanacetum vulgare</i> (Tansy / Ystrewlys)	SJ331563	23/07/2014	Formstone, J.B.			Rackery	Llay (Crown)	D1169/004/04	LI-VP-48[LS]	NA
<i>Tragopogon pratensis</i> (Goat's-beard / Barf y Bwch)	SJ3356	19/04/2022	Jonathan D Shanklin			Llay Industrial Estate East		D1169/004/04	LI-VP-48[LS]	NA
<i>Tragopogon pratensis</i> (Goat's-beard / Barf y Bwch)	SJ3256	10/11/2015	Williams, D. & Stead, M.O.			Llay Industrial Estate		D1169/004/04	LI-VP-48[LS]	NA
<i>Tragopogon pratensis</i> (Goat's-beard / Barf y Bwch)	SJ3155	18/05/2014	Stead, M.O.			Sydallt		D1169/004/04	LI-VP-48[LS]	NA
<i>Tripleurospermum inodorum</i> (Scentless Mayweed / Amranwen Ddi-Sawr)	SJ325566 (Supplied by Original Recorder (Centroid of Site))	18/05/2019	M. Steadman			North Wales Eastern Command and Custody Facility, Llay		D1873/001/02	GBNNSIP, LI-VP-48[LS]	PC
<i>Tripleurospermum inodorum</i> (Scentless Mayweed / Amranwen Ddi-Sawr)	SJ3357	25/10/2021	Jonathan D Shanklin	Flowering		Rackery		D1169/004/04	GBNNSIP, LI-VP-48[LS]	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Tripleurospermum inodorum</i> (Scentless Mayweed / Amranwen Ddi-Sawr)	SJ3355	26/12/2022	Jonathan D Shanklin			Llay		D1169/004/04	GBNNSIP, LI-VP-48[LS]	NA
<i>Tripleurospermum inodorum</i> (Scentless Mayweed / Amranwen Ddi-Sawr)	SJ3256	2 records, between 27/10/2018 and 18/05/2019	Stead, M.O.			Llay Industrial Estate	Police Headquarters	D1169/004/04	GBNNSIP, LI-VP-48[LS]	NA
<i>Ulmus procera</i> (English Elm / Llwyfen Lloegr)	SJ3256	10/11/2015	Williams, D. & Stead, M.O.			Llay Industrial Estate	Llay Reservoir	D1169/004/04	LI-VP-48[LS]	NA
<i>Ulmus procera</i> (English Elm / Llwyfen Lloegr)	SJ3357	25/10/2021	Jonathan D Shanklin			Rackery		D1169/004/04	LI-VP-48[LS]	NA
<i>Urtica urens</i> (Small Nettle / Danhadlen Fach)	SJ3357	25/10/2021	Jonathan D Shanklin	Flowering		Rackery		D1169/004/04	GBNNSIP, LI-VP-48[LS]	NA
<i>Urtica urens</i> (Small Nettle / Danhadlen Fach)	SJ3356	27/10/2018	Stead, M.O.			Llay Industrial Estate East		D1169/004/04	GBNNSIP, LI-VP-48[LS]	NA
<i>Vaccinium oxycoccos</i> (Cranberry / Llygaeren)	SJ32235539 (Supplied by Original Recorder (GPS))	11/07/2014	Richard Gallon			Llay Bog		D1117/001/01	LI-VP-51, LI-VP-52[LR]	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Vaccinium oxycoccos</i> (Cranberry / Llygaeren)	SJ322554	22/08/2014	Formstone, J.B.			Alyn Waters Country Park	Llay Bog	D1169/004/04	LI-VP-51, LI-VP-52[LR]	NA
<i>Veronica agrestis</i> (Green Field-speedwell / Rhwyddlwyn-y-Maes Gwyrdd)	SJ3156	07/02/2014	Jonathan Shanklin			Cefn-y-bedd		D1587/002/01	GBNNSIP, LI-VP-48[LS]	PC
<i>Veronica agrestis</i> (Green Field-speedwell / Rhwyddlwyn-y-Maes Gwyrdd)	SJ3257	3 records, between 05/02/2019 and 19/04/2022	Jonathan D Shanklin	Flowering		Gwern Estyn; Rackery		D1587/027/01 , D1169/004/04 , D1587/044/01	GBNNSIP, LI-VP-48[LS]	PC, NA
<i>Veronica agrestis</i> (Green Field-speedwell / Rhwyddlwyn-y-Maes Gwyrdd)	SJ32985618	27/10/2018	Stead, M.O.			Llay Industrial Estate	between pavement and car parkwest roadside	D1169/004/04	GBNNSIP, LI-VP-48[LS]	NA
<i>Veronica agrestis</i> (Green Field-speedwell / Rhwyddlwyn-y-Maes Gwyrdd)	SJ3256	10/11/2015	Williams, D. & Stead, M.O.			Llay Industrial Estate		D1169/004/04	GBNNSIP, LI-VP-48[LS]	NA
<i>Viburnum opulus</i> (Guelder-rose / Gwifwrnwydden y Gors)	SJ325566 (Supplied by Original Recorder (Centroid of Site))	18/05/2019	M. Steadman			North Wales Eastern Command and Custody Facility, Llay		D1873/001/02	LI-VP-48, LI-VP-52[LS]	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Viburnum opulus</i> (Guelder-rose / Gwifwrnwydden y Gors)	SJ3256	18/05/2019	Stead, M.O.			Llay Industrial Estate	Police Headquarters	D1169/004/04	LI-VP-48, LI-VP-52[LS]	NA
<i>Viburnum opulus</i> (Guelder-rose / Gwifwrnwydden y Gors)	SJ322554	22/08/2014	Formstone, J.B.			Alyn Waters Country Park	Llay Bog	D1169/004/04	LI-VP-48, LI-VP-52[LS]	NA
<i>Viola arvensis</i> (Field Pansy / Trilliw'r Tir Âr)	SJ325566 (Supplied by Original Recorder (Centroid of Site))	18/05/2019	M. Steadman			North Wales Eastern Command and Custody Facility, Llay		D1873/001/02	GBNNSIP, LI-VP-48[LS]	PC
<i>Viola arvensis</i> (Field Pansy / Trilliw'r Tir Âr)	SJ324551	14/08/2021	Williams, D.			Alyn Waters Country Park	Short turf at side of path	D1169/004/04	GBNNSIP, LI-VP-48[LS]	NA
<i>Viola arvensis</i> (Field Pansy / Trilliw'r Tir Âr)	SJ3256	18/05/2019	Stead, M.O.			Llay Industrial Estate	Police Headquarters	D1169/004/04	GBNNSIP, LI-VP-48[LS]	NA
<i>Viola odorata</i> (Sweet Violet / Fioled Bêr)	SJ3155	29/09/2016	Stead, M.O.			Sydallt		D1169/004/04	LI-VP-48[LR]	NA
<i>Vulpia myuros</i> (Rat's-tail Fescue / Peisgwellt y Fagwyr)	SJ325566 (Supplied by Original Recorder (Centroid of Site))	18/05/2019	M. Steadman			North Wales Eastern Command and Custody Facility, Llay		D1873/001/02	GBNNSIP, LBAP-G, LI-VP-49[LS]	PC
<i>Vulpia myuros</i> (Rat's-tail Fescue / Peisgwellt y Fagwyr)	SJ3256	3 records, between 10/11/2015 and 18/05/2019	Williams, D. & Stead, M.O.; Stead, M.O.			Llay Industrial Estate	Police Headquarters	D1169/004/04	GBNNSIP, LBAP-G, LI-VP-49[LS]	NA

Designation List - INNS										
Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Aix galericulata</i> (Mandarin Duck / Hwyaeden Gribog)	SJ3155 (Approximate)	3 records, between 16/04/2016 and 14/03/2022	Steven Davies; Mr Duncan Halpin; Mr Kevin Smith	2; 3		Sydallt; Llay Pool	BirdTrack. Activity: P	D1297/025/01 , D1297/047/01 , D1297/049/01	Bonn2, GBNNSIP, INNS, INNS-W, WCA9	PC
<i>Aix sponsa</i> (Wood Duck)	SJ3155 (Approximate)	22/03/2022	Mr Kevin Smith	1		Llay Pool		D1297/049/01	GBNNSIP, INNS, INNS-W, WCA9	PC
<i>Alopochen aegyptiaca</i> (Egyptian Goose / Gwydd yr Aifft)	SJ3356	24/03/2018	Trevor B Taylor	3		Llay, N		D1297/025/01	GBNNSIP, INNS, INNS-IAS, INNS-W, WCA9	PC
<i>Branta canadensis</i> (Canada Goose / Gwydd Canada)	SJ3155 (Approximate)	84 records, between 08/04/2008 and 22/03/2022	Kevin J Smith; Steven Davies; Duncan Halpin; Neil Hughes; Mr Duncan Halpin; Mr James Hughes; Mr Steven Davies; Mr Trevor Taylor; Mr Kevin Smith; Recorder Name withheld (obsr341315); Martin G Willia...	20; 15; 40+; 18; 4; 2; 3; 6; 10; 25+; 1; 33; 8; 41; 20+; 30+; c60; 30; 53; 5; c20; 42; 21; 24; 19; 13; 22; 34; 50; 12; 10+; 14; 40; 61	Reported to recorder	Sydallt; Llay Pool; Llay pools, Clwyd; Sydallt, Gwersyllt, Alyn Waters CP, NW	BirdTrack; BirdTrack. Activity: FL; Survey: Observer data; Activity: H. Survey: Observer data; Birdtrack.. Activity: P; BirdTrack. Activity: P; Bird Track	D1297/025/01 , D1297/039/01 , D1297/040/01 , D1297/047/01 , D0346/003/01 , D1297/049/01 , D1297/050/01 , D0062/008/01	BDir2.1, Bonn2, GBNNSIP, INNS, INNS-W, WCA9	PC, UA, NA
<i>Branta canadensis</i> (Canada Goose / Gwydd Canada)	SJ3255 (Approximate)	11/04/2021	Mr Steven Davies	2		Llay, W		D1297/047/01	BDir2.1, Bonn2, GBNNSIP, INNS, INNS-W, WCA9	UA
<i>Branta canadensis</i> (Canada Goose / Gwydd Canada)	SJ325566 (Supplied by Original Recorder (Centroid of Site))	18/05/2019	Richard Birch		Live Sighting	North Wales Eastern Command and Custody Facility, Llay	Fly over	D1873/001/02	BDir2.1, Bonn2, GBNNSIP, INNS, INNS-W, WCA9	PC
<i>Branta canadensis</i> (Canada Goose / Gwydd Canada)	SJ317556	20/05/2009	Neil Hughes	2	Reported to recorder	Llay Pool	Survey: Observer data	D0062/008/01	BDir2.1, Bonn2, GBNNSIP, INNS, INNS-W, WCA9	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Cotoneaster integrifolius</i> (Entire-leaved Cotoneaster / Cotoneaster Cyfanddail)	SJ3356	19/04/2022	Jonathan D Shanklin			Llay Industrial Estate East		D1169/004/04	GBNNSIP, INNS, INNS-W, WCA9	NA
<i>Cotoneaster simonsii</i> (Himalayan Cotoneaster / Cotoneaster Simons)	SJ3357	25/10/2021	Jonathan D Shanklin			Rackery		D1169/004/04	GBNNSIP, INNS, INNS-W, WCA9	NA
<i>Crocospia pottsii</i> <i>x aurea</i> = <i>C. x crocosmiiflora</i> (Montbretia / Crib-y-Ceiliog)	SJ3355	26/12/2022	Jonathan D Shanklin			Llay		D1169/004/04	GBNNSIP, INNS, INNS-W, WCA9	NA
<i>Crocospia pottsii</i> <i>x aurea</i> = <i>C. x crocosmiiflora</i> (Montbretia / Crib-y-Ceiliog)	SJ3156	07/02/2014	Jonathan Shanklin			Cefn-y-bedd		D1587/002/01	GBNNSIP, INNS, INNS-W, WCA9	PC
<i>Crocospia pottsii</i> <i>x aurea</i> = <i>C. x crocosmiiflora</i> (Montbretia / Crib-y-Ceiliog)	SJ3155	23/10/2019	Jonathan D Shanklin			Cefn-y-bedd		D1587/031/01	GBNNSIP, INNS, INNS-W, WCA9	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Elodea canadensis</i> (Canadian Waterweed / Ffugalaw Canada)	SJ3256	10/11/2015	Williams, D. & Stead, M.O.			Llay Industrial Estate	Llay Reservoir	D1169/004/04	GBNNSIP, INNS, INNS-W, WCA9	NA
<i>Elodea nuttallii</i> (Nuttall's Waterweed / Ffugalaw Nuttall)	SJ3256	10/11/2015	Williams, D. & Stead, M.O.			Llay Industrial Estate	Llay Reservoir	D1169/004/04	GBNNSIP, INNS, INNS-IAS, INNS-W, WCA9	NA
<i>Fallopia japonica</i> (Japanese Knotweed / Clymog Japan)	SJ3155	18/05/2014	Stead, M.O.			Sydallt		D1169/004/04	GBNNSIP, INNS, INNS-W, WCA9	NA
<i>Harmonia axyridis</i> (Harlequin Ladybird)	SJ32995545	28/10/2016	Owens, Raymond	10 Adult			iRecord (iRecord Ladybirds)	D1844/001/03	GBNNSIP, INNS	NA
<i>Harmonia axyridis</i> (Harlequin Ladybird)	SJ325565	2 records, between 18/05/2022 and 11/06/2022	Brian Comer	1		Llay custody		D1873/001/02	GBNNSIP, INNS	UA
<i>Harmonia axyridis</i> (Harlequin Ladybird)	SJ325566 (Supplied by Original Recorder (Centroid of Site))	23/05/2019	Brian Comer		Live Sighting	North Wales Eastern Command and Custody Facility, Llay	Confirmed RB (Image)	D1873/001/02	GBNNSIP, INNS	UA
<i>Hyacinthoides non-scripta</i> x <i>hispanica</i> = <i>H. x massartiana</i>	SJ3257	2 records, both on 19/04/2022	Jonathan D Shanklin	Flowering		Gwern Estyn; Rackery		D1587/044/01 , D1169/004/04	GBNNSIP, INNS	PC, NA
<i>Hyacinthoides non-scripta</i> x <i>hispanica</i> = <i>H. x massartiana</i>	SJ3356	19/04/2022	Jonathan D Shanklin	Flowering		Llay Industrial Estate East		D1169/004/04	GBNNSIP, INNS	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Hyacinthoides non-scripta</i> x <i>hispanica</i> = <i>H. x massartiana</i>	SJ3155	18/05/2014	Stead, M.O.			Sydallt		D1169/004/04	GBNNSIP, INNS	NA
<i>Impatiens glandulifera</i> (Himalayan Balsam / Jac y Neidiwr)	SJ3257	25/10/2021	Jonathan D Shanklin	Flowering		Rackery		D1169/004/04	GBNNSIP, INNS, INNS-IAS, INNS-W, WCA9	NA
<i>Impatiens glandulifera</i> (Himalayan Balsam / Jac y Neidiwr)	SJ3155	2 records, between 18/05/2014 and 23/10/2019	Stead, M.O.; Jonathan D Shanklin			Sydallt; Cefn-y-bedd		D1169/004/04 , D1587/031/01	GBNNSIP, INNS, INNS-IAS, INNS-W, WCA9	NA, KC
<i>Impatiens glandulifera</i> (Himalayan Balsam / Jac y Neidiwr)	SJ3156	18/05/2014	Stead, M.O.			Cefn-y-bedd		D1169/004/04	GBNNSIP, INNS, INNS-IAS, INNS-W, WCA9	NA
<i>Lamium galeobdolon</i> subsp. <i>argenteum</i> (Variegated Yellow Archangel)	SJ3257	19/04/2022	Jonathan D Shanklin	Flowering		Gwern Estyn		D1587/044/01	GBNNSIP, INNS, INNS-W, WCA9	PC
<i>Lamium galeobdolon</i> subsp. <i>argenteum</i> (Variegated Yellow Archangel)	SJ3156	18/05/2014	Stead, M.O.			Cefn-y-bedd		D1169/004/04	GBNNSIP, INNS, INNS-W, WCA9	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Leycesteria formosa</i> (Himalayan Honeysuckle / Bachgen Llwm)	SJ3356	19/04/2022	Jonathan D Shanklin			Llay Industrial Estate East		D1169/004/04	GBNNSIP, INNS	NA
<i>Myriophyllum aquaticum</i> (Parrot's-feather / Pluen Parot)	SJ3256	10/11/2015	Williams, D. & Stead, M.O.			Llay Industrial Estate	Llay Reservoir	D1169/004/04	GBNNSIP, INNS, INNS-IAS, INNS-W, WCA9	NA
<i>Neovison vison</i> (American Mink / Minc)	SJ323554 (Estimated Centroid of Site))	~ 2005	BASC Recorder (15534803-1)				Shoot Size Range: 0-3km	D0132/001/02	GBNNSIP, INNS, INNS-W, WCA9	UA
<i>Prunus laurocerasus</i> (Cherry Laurel / Coeden Lawrgeirios)	SJ3156	07/02/2014	Jonathan Shanklin			Cefn-y-bedd		D1587/002/01	GBNNSIP, INNS, INNS-W	PC
<i>Rhododendron ponticum</i> / Rhododendron Wyllt	SJ3355	26/12/2022	Jonathan D Shanklin			Llay		D1169/004/04	GBNNSIP, INNS, INNS-W, WCA9	NA
<i>Rosa rugosa</i> (Japanese Rose / Rhosyn Japan)	SJ3256	10/11/2015	Williams, D. & Stead, M.O.			Llay Industrial Estate		D1169/004/04	GBNNSIP, INNS, INNS-W, WCA9	NA
<i>Sedum album</i> (White Stonecrop / Briweg Wen)	SJ3356	19/04/2022	Jonathan D Shanklin			Llay Industrial Estate East		D1169/004/04	GBNNSIP, INNS	NA
<i>Sedum album</i> (White Stonecrop / Briweg Wen)	SJ3155	2 records, between 29/09/2016 and 23/10/2019	Stead, M.O.; Jonathan D Shanklin			Sydallt; Cefn-y-bedd		D1169/004/04 , D1587/031/01	GBNNSIP, INNS	NA, KC

Designation List - INNS-W										
Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Aix galericulata</i> (Mandarin Duck / Hwyaden Gribog)	SJ3155 (Approximate)	3 records, between 16/04/2016 and 14/03/2022	Mr Duncan Halpin; Mr Kevin Smith; Steven Davies	3; 2		Sydallt; Llay Pool	BirdTrack. Activity: P	D1297/047/01 , D1297/049/01 , D1297/025/01	Bonn2, GBNNSIP, INNS, INNS-W, WCA9	PC
<i>Aix sponsa</i> (Wood Duck)	SJ3155 (Approximate)	22/03/2022	Mr Kevin Smith	1		Llay Pool		D1297/049/01	GBNNSIP, INNS, INNS-W, WCA9	PC
<i>Alopochen aegyptiaca</i> (Egyptian Goose / Gwydd yr Aifft)	SJ3356	24/03/2018	Trevor B Taylor	3		Llay, N		D1297/025/01	GBNNSIP, INNS, INNS-IAS, INNS-W, WCA9	PC
<i>Branta canadensis</i> (Canada Goose / Gwydd Canada)	SJ3155 (Approximate)	84 records, between 08/04/2008 and 22/03/2022	Mr Duncan Halpin; Mr James Hughes; Recorder Name withheld (obsr341315); Mr Kevin Smith; Mr Steven Davies; Mr Trevor Taylor; Kevin J Smith; Martin G Williams; Jason Newton; Steven Davies; Neil Hughes;	53; 30+; 5; c20; 1; 42; 30; 21; 20; 4; 24; 2; 19; 13; 22; 34; 50; 12; 10+; 14; 40; 61; 15; 40+; 18; 3; 6; 10; 25+; 33; 8; 41; 20+; c60	Reported to recorder	Sydallt; Llay Pool; Llay pools, Clwyd; Sydallt, Gwersyllt, Alyn Waters CP, NW	Survey: Observer data; Activity: H. Survey: Observer data; Birdtrack.: Activity: P; BirdTrack; BirdTrack. Activity: P; Bird Track; BirdTrack. Activity: FL	D1297/047/01 , D0346/003/01 , D1297/049/01 , D1297/050/01 , D0062/008/01 , D1297/025/01 , D1297/039/01 , D1297/040/01	BDir2.1, Bonn2, GBNNSIP, INNS, INNS-W, WCA9	UA, NA, PC
<i>Branta canadensis</i> (Canada Goose / Gwydd Canada)	SJ325566 (Supplied by Original Recorder (Centroid of Site))	18/05/2019	Richard Birch		Live Sighting	North Wales Eastern Command and Custody Facility, Llay	Fly over	D1873/001/02	BDir2.1, Bonn2, GBNNSIP, INNS, INNS-W, WCA9	PC
<i>Branta canadensis</i> (Canada Goose / Gwydd Canada)	SJ317556	20/05/2009	Neil Hughes	2	Reported to recorder	Llay Pool	Survey: Observer data	D0062/008/01	BDir2.1, Bonn2, GBNNSIP, INNS, INNS-W, WCA9	NA
<i>Branta canadensis</i> (Canada Goose / Gwydd Canada)	SJ3255 (Approximate)	11/04/2021	Mr Steven Davies	2		Llay, W		D1297/047/01	BDir2.1, Bonn2, GBNNSIP, INNS, INNS-W, WCA9	UA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Branta leucopsis</i> (Barnacle Goose / Gwydd Wyran)	SJ3155	4 records, between 21/03/2016 and 25/03/2018	Duncan Halpin; Kevin J Smith; Neil Hughes	1; 3		Sydallt	BirdTrack	D1297/025/01	BDir1, Bern2, Bonn2, GBNNSIP, INNS-W, UKBA, WBA, WCA9	PC
<i>Buddleja davidii</i> (Butterfly-bush / Y Gynffon Las)	SJ3356	19/04/2022	Jonathan D Shanklin			Llay Industrial Estate East		D1169/004/04	GBNNSIP, INNS-W	NA
<i>Buddleja davidii</i> (Butterfly-bush / Y Gynffon Las)	SJ3355	26/12/2022	Jonathan D Shanklin			Alyn Waters Country Park		D1169/004/04	GBNNSIP, INNS-W	NA
<i>Buddleja davidii</i> (Butterfly-bush / Y Gynffon Las)	SJ3256	2 records, between 10/11/2015 and 18/05/2019	Williams, D. & Stead, M.O.; Stead, M.O.			Llay Industrial Estate	Police Headquarters	D1169/004/04	GBNNSIP, INNS-W	NA
<i>Buddleja davidii</i> (Butterfly-bush / Y Gynffon Las)	SJ325566 (Supplied by Original Recorder (Centroid of Site))	18/05/2019	M. Steadman			North Wales Eastern Command and Custody Facility, Llay		D1873/001/02	GBNNSIP, INNS-W	PC
<i>Buddleja davidii</i> (Butterfly-bush / Y Gynffon Las)	SJ3155	23/10/2019	Jonathan D Shanklin			Cefn-y-bedd		D1587/031/01	GBNNSIP, INNS-W	PC
<i>Cotoneaster integrifolius</i> (Entire-leaved Cotoneaster / Cyfanddail)	SJ3356	19/04/2022	Jonathan D Shanklin			Llay Industrial Estate East		D1169/004/04	GBNNSIP, INNS, INNS-W, WCA9	NA
<i>Cotoneaster simonsii</i> (Himalayan Cotoneaster / Cotoneaster Simons)	SJ3357	25/10/2021	Jonathan D Shanklin			Rackery		D1169/004/04	GBNNSIP, INNS, INNS-W, WCA9	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Crocasmia pottsii</i> <i>x aurea</i> = <i>C. x crocosmiiflora</i> (Montbretia / Crib-y-Ceiliog)	SJ3355	26/12/2022	Jonathan D Shanklin			Llay		D1169/004/04	GBNNSIP, INNS, INNS-W, WCA9	NA
<i>Crocasmia pottsii</i> <i>x aurea</i> = <i>C. x crocosmiiflora</i> (Montbretia / Crib-y-Ceiliog)	SJ3156	07/02/2014	Jonathan Shanklin			Cefn-y-bedd		D1587/002/01	GBNNSIP, INNS, INNS-W, WCA9	PC
<i>Crocasmia pottsii</i> <i>x aurea</i> = <i>C. x crocosmiiflora</i> (Montbretia / Crib-y-Ceiliog)	SJ3155	23/10/2019	Jonathan D Shanklin			Cefn-y-bedd		D1587/031/01	GBNNSIP, INNS, INNS-W, WCA9	KC
<i>Elodea canadensis</i> (Canadian Waterweed / Ffugalaw Canada)	SJ3256	10/11/2015	Williams, D. & Stead, M.O.			Llay Industrial Estate	Llay Reservoir	D1169/004/04	GBNNSIP, INNS, INNS-W, WCA9	NA
<i>Elodea nuttallii</i> (Nuttall's Waterweed / Ffugalaw Nuttall)	SJ3256	10/11/2015	Williams, D. & Stead, M.O.			Llay Industrial Estate	Llay Reservoir	D1169/004/04	GBNNSIP, INNS, INNS-IAS, INNS-W, WCA9	NA
<i>Fallopia japonica</i> (Japanese Knotweed / Clymog Japan)	SJ3155	18/05/2014	Stead, M.O.			Sydallt		D1169/004/04	GBNNSIP, INNS, INNS-W, WCA9	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Impatiens glandulifera</i> (Himalayan Balsam / Jac y Neidiwr)	SJ3257	25/10/2021	Jonathan D Shanklin	Flowering		Rackery		D1169/004/04	GBNNSIP, INNS, INNS-IAS, INNS-W, WCA9	NA
<i>Impatiens glandulifera</i> (Himalayan Balsam / Jac y Neidiwr)	SJ3155	2 records, between 18/05/2014 and 23/10/2019	Stead, M.O.; Jonathan D Shanklin			Sydallt; Cefn-y-bedd		D1169/004/04 , D1587/031/01	GBNNSIP, INNS, INNS-IAS, INNS-W, WCA9	NA, KC
<i>Impatiens glandulifera</i> (Himalayan Balsam / Jac y Neidiwr)	SJ3156	18/05/2014	Stead, M.O.			Cefn-y-bedd		D1169/004/04	GBNNSIP, INNS, INNS-IAS, INNS-W, WCA9	NA
<i>Lamiastrum galeobdolon</i> subsp. <i>argentatum</i> (Variegated Yellow Archangel)	SJ3156	18/05/2014	Stead, M.O.			Cefn-y-bedd		D1169/004/04	GBNNSIP, INNS, INNS-W, WCA9	NA
<i>Lamiastrum galeobdolon</i> subsp. <i>argentatum</i> (Variegated Yellow Archangel)	SJ3257	19/04/2022	Jonathan D Shanklin	Flowering		Gwern Estyn		D1587/044/01	GBNNSIP, INNS, INNS-W, WCA9	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Lathyrus latifolius</i> (Broad-leaved Everlasting-pea / Ytbysen Fythol Lydanddail)	SJ3155	29/09/2016	Stead, M.O.			Sydallt		D1169/004/04	GBNNSIP, INNS-W	NA
<i>Myriophyllum aquaticum</i> (Parrot's-feather / Pluen Parot)	SJ3256	10/11/2015	Williams, D. & Stead, M.O.			Llay Industrial Estate	Llay Reservoir	D1169/004/04	GBNNSIP, INNS, INNS-IAS, INNS-W, WCA9	NA
<i>Neovison vison</i> (American Mink / Minc)	SJ323554 (Estimated (Centroid of Site))	~ 2005	BASC Recorder (15534803-1)				Shoot Size Range: 0-3km	D0132/001/02	GBNNSIP, INNS, INNS-W, WCA9	UA
<i>Picea sitchensis</i> (Sitka Spruce / Sbriwsen Sitca)	SJ3257	19/04/2022	Jonathan D Shanklin			Gwern Estyn	Planted	D1587/044/01	GBNNSIP, INNS-W	PC
<i>Prunus laurocerasus</i> (Cherry Laurel / Coeden Lawrgeirios)	SJ3156	07/02/2014	Jonathan Shanklin			Cefn-y-bedd		D1587/002/01	GBNNSIP, INNS, INNS-W	PC
<i>Rhododendron ponticum</i> / Rhododendron Wyllt	SJ3355	26/12/2022	Jonathan D Shanklin			Llay		D1169/004/04	GBNNSIP, INNS, INNS-W, WCA9	NA
<i>Rosa rugosa</i> (Japanese Rose / Rhosyn Japan)	SJ3256	10/11/2015	Williams, D. & Stead, M.O.			Llay Industrial Estate		D1169/004/04	GBNNSIP, INNS, INNS-W, WCA9	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Tadorna ferruginea</i> (Ruddy Shelduck / Hwyaden Goch yr Eithin)	SJ3356	2 records, between 12/04/2008 and 13/04/2008	Bryan Formstone	2	Reported to recorder	Llay, N	A pair, Llay pool. Survey: Observer data; Survey: Observer data	D0062/008/01	BDir1, Bern2, Bonn2, GBNSIP, INNS-W, WCA9	NA
<i>Tsuga heterophylla</i> (Western Hemlock-spruce / Sbriwsen-Hemlog y Gorllewin)	SJ3156	07/02/2014	Jonathan Shanklin			Cefn-y-bedd		D1587/002/01	GBNSIP, INNS- W	PC
<i>Vinca major</i> (Greater Periwinkle / Perfagl Fawr)	SJ3155	18/05/2014	Stead, M.O.			Sydallt		D1169/004/04	GBNSIP, INNS- W	NA
<i>Vinca major</i> (Greater Periwinkle / Perfagl Fawr)	SJ3357	25/10/2021	Jonathan D Shanklin			Rackery		D1169/004/04	GBNSIP, INNS- W	NA
<i>Vinca major</i> (Greater Periwinkle / Perfagl Fawr)	SJ3355	26/12/2022	Jonathan D Shanklin	Flowering		Llay		D1169/004/04	GBNSIP, INNS- W	NA
<i>Vinca major</i> (Greater Periwinkle / Perfagl Fawr)	SJ3356	19/04/2022	Jonathan D Shanklin	Flowering		Llay Industrial Estate East		D1169/004/04	GBNSIP, INNS- W	NA

Sites - 11 records	
Sites of Special Scientific Interest intersecting 1000m buffer	Llay Bog (589) (794m)
Local Nature Reserve intersecting 1000m buffer	Alyn Waters (857m)
Wildlife Sites intersecting 1000m buffer	Nant Y Gaer & Llay Valley (Wrexham W305) (424m), Alyn Waters (Wrexham W306) (854m)
Listed Buildings intersecting 1000m buffer	Llay Hall Farm (1544) (448m), Llay Miners Welfare Institute (1729) (281m), Pavilion at Llay Miners Welfare Institute (1730) (302m), U- shaped Farmyard Ranges at Llay Hall Farm (17706) (429m)
Country Parks intersecting 1000m buffer	Alyn Waters (857m)
B-Lines intersecting 1000m buffer	B-Lines, Cymru (0m)
Important Invertebrate Areas intersecting 1000m buffer	North East Wales (772m)

Sites of Special Scientific Interest		
Site Code	Site Name	Link
589	Llay Bog	More Information

Local Nature Reserve		
Site Code	Site Name	Local Authority
	Alyn Waters	Wrexham

Wildlife Sites		
Site Code	Site Name	Link
Wrexham W305	Nant Y Gaer & Llay Valley	More Information
Wrexham W306	Alyn Waters	More Information

Listed Buildings					
Site Code	Site Name	Grade	Classification	Location	Link
1544	Llay Hall Farm	II	Domestic		More Information
1729	Llay Miners Welfare Institute	II	Recreational		More Information
1730	Pavilion at Llay Miners Welfare Institute	II	Institutional		More Information
17706	U- shaped Farmyard Ranges at Llay Hall Farm	II	Agriculture and Subsistence		More Information

B-Lines

Site Code	Site Name	Link
	B-Lines, Cymru	More Information

Important Invertebrate Areas		
Site Code	Site Name	Link
	North East Wales	More Information

Ancient Woodland				
Habitat	Distance	Area	Coverage	At Search Location
Ancient Semi Natural Woodland	494m - 794m	4.697ha	1.496%	No

Phase 1				
Habitat	Distance	Area	Coverage	At Search Location
B.4 - Improved Grassland	155m - 940m	111.873ha	35.624%	No
J.3.6 - Buildings	0m - 998m	93.584ha	29.801%	Yes
J.1.1 - Arable Land	156m - 676m	30.22ha	9.623%	No
I.2.2 - Spoil	50m	19.634ha	6.252%	No
J.1.2 - Amenity Grassland	192m - 934m	11.253ha	3.583%	No
B.2.2 - Semi-improved Neutral Grassland	455m - 959m	10.545ha	3.358%	No
A.1.1.1 - Semi-natural Broad-leaved Woodland	237m - 971m	7.679ha	2.445%	No
I.2.1 - Quarry	841m	7.03ha	2.238%	No
J.3.4 - Caravan Site	834m	1.235ha	0.393%	No
G.1 - Standing Water	456m - 942m	0.848ha	0.27%	No
N/A	467m - 893m	0.794ha	0.253%	No
C.1.1 - Continuous Bracken	581m	0.167ha	0.053%	No
E.3.2 - Basin Mire	855m	0.055ha	0.017%	No

- PUBLIC VERSION -



-  Proposed Development Site boundary
-  Survey Site boundary
Where different from Proposed Development Site boundary



C533 Proposed Development at CCP Building Products Ltd, Llay Road, Llay, Wrexham - Preliminary Ecological Appraisal

Figure 1 - Proposed Development & Survey Site Boundaries

Date: 13/02/2024

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10 m 0 50 m
1:1,000



- Broad-leaved semi-natural woodland
- Individual broad-leaved tree
- Individual coniferous tree
- Dense/ continuous scrub
- Scattered scrub
- Unimproved neutral grassland
- Standing water
- Dry ditch
- Ephemeral/ short perennial
- Other habitat
Refer to the text.
- Building
- Hard-standing/ bare ground
- Fence
- Wall
- Animal/ Badger breach/ path
- Target Note

C533 Proposed Development at CCP
Building Products Ltd, Llay Road, Llay,
Wrexham - Preliminary Ecological
Appraisal

Figure 2 - Extended Phase 1 Habitat
Survey

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